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EL 2272, EL 2273, EL 2274 AND EL 2275

CURNAMONA, FROME DOWNS, BILLEROO CREEK AND MULYUNGERANIE AREAS

ANNUAL AND FINAL REPORTS FOR THE PERIOD 20/2/97 TO 19/2/2002

Submitted by

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2002

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FIRST ANNUAL REPORT
on
EXPLORATION LICENCES 2272 - 2275

CURNAMONA, SOUTH AUSTRALIA

Prepared By
PALADIN RESOURCES NL
On behalf of
THE CURNAMONA URANIUM JOINT VENTURE

Covering The Period

20 February 1997 to 19 February 1998

Compiled By: P J Hogarth

PERTH WA

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SUMMARY

Exploration Licences 2272-2275 were granted on 20 February 1997. The Paladin Brightstar Joint Venture (PBJV), with Paladin as manager, farmed into part of the tenement area on 22 May 1997, with Goldminco retaining rights to the Proterozoic basement.

Work carried out by the PBJV included

- Negotiations with Native Title Parties to allow access to the land for exploration and drilling activities.
- Research and compilation of previous drilling data including gamma logs, lithology logs and redox maps.
- Examination and logging of representative drill core.
- Field visits to the Lake Frome area.
- Compilation of isopach and structural contour maps of the Eyre Formation.
- Drilling of 39 drill holes (3,924m) in EL2275. (Programme continuing at period end).

Work carried out by Goldminco included

- Compilation and interpretation of geophysical data (aeromagnetic, gravity, radiometric).

The exploration target for the PBJV is uranium and for Goldminco is base metals.

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1.0 INTRODUCTION

Exploration Licences 2272 – 2275, covering areas of 1225km², 1262km², 870km² and 1176km² respectively, were granted to Malanti Pty Ltd on 20 February 1997 and were transferred to an asscoiated company, Goldminco NL (Goldminco), after the float of that company, on 24 April 1997. A heads of agreement was signed on 22 May 1997 by Goldminco and the Paladin Energy Minerals NL / Brightstar Power Corporation Pty Ltd Joint Venture (PBJV) forming the Curnamona Uranium Joint Venture. With Paladin as manager, the PBJV is earning an interest in the sedimentary rocks overlying basement with Goldminco retaining rights to the Proterozoic basement.

This report covers all work carried out by Goldminco and the PBJV during the first year of tenure.

2.0 LOCATION

EL's 2272 – 2275 form a near contiguous block extending south and east of Lake Frome, from Frome Downs Homestead to the NSW border, on the Frome SH54-10 and Curnamona SH54-14 1:250,000 map sheets. *(Figure 1)*.

3.0 NATIVE TITLE NEGOTIATIONS

The ground covered by EL's2272-2275 is subject to the following Native Title Claims:

Kuyani Claim SC95/4, lodged 19 September 1995; affects EL2272, 2273, 2274 and 2275.

Adnyamathanka Claim SC97/2, lodged 25 July 1997; affects EL;s2272, 2273 and 2274.

Negotiations with Native Title parties were initiated in September 1997 with a view to obtaining heritage clearance allowing access to the land for exploration.

After protracted negotiations on the ground subject to only one Native Title Claim, the Joint Venture was able to secure a limited heritage clearance in early December 1997 covering part of EL2275. This allowed field work to commence in

early 1998, but further clearances will be required if work is to cover monre of the tenement area.

Negotiations are continuing on the three tenments subject to dual Native Title Claim, but a satisfactory outcome is still some way off. More than 12 months after the grant of the tenement it is, still not possible to carry out any exploration on the ground.

4.0 BASEMENT EXPLORATION – GOLDMINCO NL

Interpretation of geophysical data covering the four exploration licences was undertaken on behalf of Goldminco by G.O. Dickson and Associates. Their report is presented in *Appendix 2*.

5.0 URANIUM EXPLORATION – PALADIN BRIGHTSTAR JV

5.1 REGIONAL GEOLOGY AND MINERALISATION

The tenements are located in the the Frome Embayment of the Great Artesian Basin.

Palaeochannel uranium mineralisation occurs within Tertiary units of the Frome Basin, a low land embayment bounded to the west, east and south by the Flinders, Barrier and Olary Ranges.

All significant uranium mineralisation is hosted by valley fill fluviatile sands in Eocene (Eyre Formation) and Miocene (Namba Formation) palaeochannels.

The following parameters are found to be associated with the Frome Basin uranium mineralisation:

- The host sandstones were laid down as sand sheets in broad braided channels with abundant preserved overbank and carbonaceous material.

- The channels run east south east from the Mt Painter area on the western edge of the basin, eg at Beverley, and approximately northward from the Barrier Ranges on the southern edge of the basin, eg. Goulds Dam and Honeymoon. They are modified locally by a buried palaeo high, the Benagerie Ridge.

- The uranium is derived from the surrounding crystalline basement outcrop.

- It is carried by oxidising waters along broad palaeochannels incised into the Pre-Tertiary basement.

- The uranium is precipitated at redox fronts developed either along the margins of the channels where the oxidised solutions interfinger with the original reduced sediments, eg. Honeymoon, within the channel along clay / silt / sand interfaces or where faulting has truncated porous sand bodies, eg. Beverley.

- In plan, the mineralisation forms elongate bodies of the order 1,000m x 400 m.

The style of mineralisation should be eminently suitable for mining by the in-situ leach (ISL) technique.

5.2 TENEMENT GEOLOGY

EL2272

This tenement occurs within the SW corner of the Frome Embayment. Within the Cainozoic (the target horizons) a generalized sequence of 0-40m of channel facies Eyre Formation, followed by 40-80m of Namba Formation and topped by approximately 0-10m of Willawortina Formation exists. Basement to the Cainozoic is usually Cambrian redbeds and carbonates.

The Eyre Formation occurs within the broad, ill-defined Curnamona Channel that diagonally crosses the tenement from WSW to ENE where it eventually merges with the north trending Billeroo Channel (host of the Goulds Dam uranium mineralisation). Previous work to the west of the EL boundary by Esso and others has indicated the presence of minor uranium anomalies and oxidized facies with a series of coalescing shoestring sands that apparently form an initiating facies to the Curnamona Channel. Work by Mine Administration within the area where the two channels join (outside of EL 2272) suggests the presence of reduced facies. Hence the potential for a mineralized redox front within that part of the Curnamona Channel covered by EL2272 must exist.

EL2273

The tenement is situated along the south edge of Lake Frome within the SW portion of the Frome Embayment. The target horizons are the Cainozoic cover rocks above Mezozoic and Palaeozoic sedimentary basement.

Generally, within the tenement the Cainozoic consists of, at the base 20-35m of Eyre Formation sheet (blanket) sands. Along the south eastern boundary of the EL the channel sands within the north trending Billeroo Channel merge with the sheet sands. Approximately 60-90m of Namba Formation mudstones cover the Eyre thickening to the east. The Poontana Fault system passes through the western edge of the tenement.

EL2274

The tenement is situated off the south-east edge of Lake Frome within the central portion of the Frome Embayment at the northern edge of the Benagerie Ridge. The target horizons are the Cainozoic cover rocks above Mezozoic and Palaeozoic sedimentary basement. Pre-Cambrian basement is also known from the general area.

Generally within the tenement the Cainozoic consists of at the base 20-30m of Eyre Formation sheet (blanket) sands. Entering the tenement from the south are the channel sands of the Namba and Lake Tinko Channels which merge with the sheet sands. Sparse uranium mineralisation is known from historical drilling within the two channels. Approximately 40-60m of Namba Formation mudstones cover the Eyre thickening to the north.

EL2275

The tenement is situated off the east edge of the Benagerie Ridge within the central-east portion of the Frome Embayment close to the SA-NSW border. The target horizons are the Cainozoic cover rocks above Mesozoic basement.

Generally within the tenement the Cainozoic consists of at the base 25-35m of Eyre Formation sheet (blanket) sands. Entering the tenement from the north west is the broad shallow Lake Charles Channel which however contains a similar

sequence to the sheet sand areas. The Eyre Formation thins towards the channel margins but does drape over the palaeotopography rather than wedging out. Approximately 60-70m of Namba Formation mudstones cover the Eyre thickening slightly to the east.

The general picture as shown on the tenement-wide map is of a broad shelf or basin margin that runs north-south through the tenement. There are two embayments within the general east sloping palaeo-slope. One forms the mouth of the Lake Charles Channel which has been reasonably defined by drilling. The other may also form the mouth of a second channel but the present level of drilling is too wide spaced to allow an accurate interpretation.

A broad oxidized front exists that has apparently migrated from the basin margins in an east to west direction. The front contains numerous lobes and splits into 2-3 different levels that are separate in plan projection; i.e. the separate fronts have penetrated at different rates. The lowest front occurs at the 100-110m level but is based on limited drilling information. The middle and best mineralized front is the best defined and occurs between the 82-95m levels. The upper front, which to date is only weakly mineralized, occurs just below the top of the Eyre Formation at about 75m depth.

Previous drilling has identified uranium prospects at three locations; Oban (middle front), Oban North (upper front) and Lake Charles (probably middle front). At Oban uranium mineralisation showing ore grades and near economic thicknesses has been located on several 150-250m spaced drilling profiles.

5.3 WORK COMPLETED

EL2272

All relevant open file reports have been examined. For EL2272 this involved 6 reports and resulted in the discovery of 48 drillholes. The gamma logs and lithological logs have been examined and the results compiled in to two computer databases. *Table 1* lists the collar information and a basic compilation of the radiometrics (best cps and times background anomalies). Elevations were either compiled from original data on the log sheets or estimated from 2m contoured DEM (AUSLIG) data. *Figure 2* shows the collar locations. The redox, lithological and

stratigraphical information has been extracted but has not been compiled into plottable or listed formats. This will be undertaken during the coming months. Data held within the MESA Curnamona Dataset has been used as an initial basis for compilation, however only 15 of the 48 holes are noted within the published dataset. Regional isopach and isobath maps for the Eyre Formation were compiled from the published stratigraphic logs (13 of 48 holes, *Map 1*).

Present data shows the existence of partly oxidized Eyre Formation sands at the west edge of the tenement. Nine holes show better than 3xbg radiometric anomalies which indicated that uranium has been introduced to the system.

Field visits were made on July 10 1997 (briefly) and again on October 18-19 1997 to assess access and to locate previous drillholes on the ground. A differential GPS unit was used to accurately locate the holes. Numerous discrepancies with the published locations were found. Representative drillhole samples from previous drilling held in the MESA core and sample storage facility were logged during 16-17 September.

EL2273

All relevant open file reports have been examined. For EL2273 this involved 7 reports and resulted in the discovery of 21 drillholes. The gamma logs and lithological logs have been examined and the results compiled in to two computer databases. *Table 2* lists the collar information and a basic compilation of the radiometrics (best cps and times background anomalies). *Figure 3* shows the locations of the drillholes. Elevations were either compiled from original data on the log sheets or estimated from 2m contoured DEM (AUSLIG) data. The redox, lithological and stratigraphical information has been extracted but has not been compiled into plottable or listed formats. This will be undertaken during the coming months. Data held within the MESA Curnamona Dataset has been used as an initial basis for compilation and proved to be fairly complete (20 of 21 holes). Regional isopach and isobath maps for the Eyre Formation were compiled from the published stratigraphic logs (18 of 21 holes, *Map 1*).

Present data shows that the sheet sands of the Eyre Formation are generally reduced though not all descriptions are sufficiently detailed to allow an exact evaluation of the redox state. An examination of the available literature covering

the Billeroo Channel (Ellis 1980, Distribution and Genesis of Sedimentary Uranium near Curnamona, Lake Frome Region, SA; AAPGB) suggests that the mineralized oxidized facies of the Gould Dam mineralisation wedges out before south edge of the tenement. Only one hole shows a better than 3xbg radiometric anomaly (EAR6, 6xbg). This suggests that only limited amounts of uranium has been introduced to the system. However the relatively sparse drilling density does leave room for undiscovered channels to occur either originating from the basin margins from the west or being derived from the Benagerie Ridge in the east.

Field visits were made on July 10 1997 (briefly) and again on October 18-19 1997 to assess access and to locate previous drillholes on the ground. A differential GPS unit was used to accurately locate the holes. Numerous discrepancies with the published locations were found. Representative drillhole samples were from the MESA corestore were logged during a visit 18-19 September.

EL2274

All relevant open file reports have been examined. For EL2274 this involved 8 reports and resulted in the discovery of 21 drillholes. The gamma logs and lithological logs have been examined and the results compiled in to two computer databases. *Table 3* lists the collar information and a basic compilation of the radiometrics (best cps and times background anomalies). Elevations were either compiled from original data on the log sheets or estimated from 2m contoured DEM (AUSLIG) data. *Figure 4* shows the locations of the drillholes. The redox, lithological and stratigraphical information has been extracted but has not been compiled into plottable or listed formats. This will be undertaken during the coming months. Data held within the MESA Curnamona Dataset has been used as an initial basis for compilation and proved to be reasonably complete (25 of 21 holes, i.e. 5 holes were misplotted as being within the EL and 1 was missed entirely). Regional isopach and isobath maps for the Eyre Formation were compiled from the published stratigraphic logs (23 of 25 holes, including unfortunately the 5 misplotted holes). This had the effect of distorting the maps somewhat. *See Map 1.*

Present data shows that the sheet sands of the Eyre Formation are generally reduced though not all descriptions are sufficiently detailed to allow an exact evaluation of the redox state. An examination of the available literature covering the exploration of the Namba and Lake Tinko Channels to the south suggests that

the mineralized oxidized facies of the channels do, at least in part, continue into south part of the tenement. Two holes shows a better than 10xbg radiometric anomalies and a further two are better than 3xbg. This forms a radiometric halo at what maybe the confluence of the Namba and Lake Tinko Channels and suggests that substantial amounts of uranium has been introduced to the system. The relatively sparse drilling density does not resolve the palaeodrainage or the redox potential within the area and further drilling is required

Field visits were made on July 10 1997 (briefly) and again on October 18-19 1997 to assess access and to locate previous drillholes on the ground. During September 16-19 representative samples from the Eyre and Namba Formations were re-logged at the MESA core and sample storage area in Adelaide. A differential GPS unit was used to accurately locate the holes. Numerous discrepancies with the published locations were found.

EL2275

Preliminary Investigations

All relevant open file reports have been examined. For EL2275 this involved 7 reports including one mammoth three volume report from Marathon and resulted in the discovery of 233 drillholes. The gamma logs and lithological logs have been examined and the results compiled in to two computer databases. *Table 4* lists the collar information and a basic compilation of the radiometrics (best cps and times background anomalies). Elevations were either compiled from original data on the log sheets or estimated from 2m contoured DEM (AUSLIG) data. The redox, lithological and stratigraphical information has been extracted and has been used to compile the redox and isobath maps included with the report *(see Maps 2-5)*. The remainder of the stratigraphic data is still being compiled into standardized downhole logs suitable for plotting via Micromine into sections. This will be undertaken during the coming months. Data held within the MESA Curnamona Dataset has been used as an initial basis for compilation and proved to be reasonably complete (156 holes). Regional isopach and isobath maps for the Eyre Formation were compiled from the published stratigraphic logs (156 holes, *See Map 1)*.

A total of 98 holes shows a better than 3xbg radiometric anomalies (i.e. 40%) and of these 73 also pass the 5xbg threshold. Naturally the majority occur within the three known prospect areas Oban, Oban North and Lake Charles. However 8 holes occur outside these known anomalies.

Initial field visits were made on July 11 1997 (briefly) and again between October 10-18 1997 to assess access and to locate previous drillholes on the ground. A differential GPS unit was used to accurately locate 189 of the holes. Numerous discrepancies of the order of 100-500m (occasionally up to 1,000m) with the published locations were found.

Between September 16-19 the MESA core and sample storage facility was visited and sample material from representative holes was logged. Visits were made to the MESA library on July 7-8 and again September 15 and 19 to research open file reports.

An additional field visit was made during December 1-6 for the purpose of carrying out an Aboriginal sites survey.

From January 21 to February 19 a field work programme was commenced. The main components were:

- to calibrate the Mt Sopis Series 2 downhole gamma and electric (R & SP) logger at the MESA test pits.
- to establish a base grid at Oban.
- and between February 9-19 to start a rotary mud drilling programme.

The drill programme had the following objectives:

- to test the nature, grade and thickness of known mineralisation at the Oban prospect.
- to locate and confirm the interpretation that the Oban mineralisation is controlled by a step (z) shaped roll front at the 84-92m level.

- to test the hypothesis that closer spaced drilling aimed at the roll front could identify a narrow but thicker, sinuous higher grade ore zone along the previously identified front.

- to test the postulated extensions of the Oban front 1-2km away from known mineralisation to verify its worth as a regional target.

- to locate a second upper step (z-front) at the 72-82m level, which controls sub-economic mineralisation at Oban North, at two locations near Oban to assess its regional importance.

- to test on a regional level the redox pattern within the eastern portion of the Lake Charles Channel, in particular, to test whether the 84-92m front has penetrated along the channel.

- to test for the existence of a terminal front at the north end of the Lake Charles prospect.

Field investigations to the end of the reporting period (19 February) included:

- An area of 2.5sq/km with a 2km baseline was gridded at 100m spacings at the Oban Prospect using a DGPS for control.

- A total of 39 rotary mud holes were drilled between February 9-19 to depths between 90-104m. Total meterage was 6450m.

- All holes were gamma logged using the Series 2 logger immediately after completion. Only one hole (CUM039) collapsed and had to be washed out and logged through the rods. Electric logs (SP & R) were also run on all holes except the collapsed hole.

Because the reporting period was closed off mid-way through the drilling program full assessment of the results has not been made. These results will be presented in the 1998-99 report. Initial results are as follows:

Oban

At Oban, the drilling (35 of 39 holes) was mainly aimed at closing down to 25m or less the drill spacing on the previous Marathon drill fences that straddle the lower 84-92m redox step (front). The results show that the redox step is a well defined feature down to 15m spacings but that the associated mineralisation is narrow and of low grade. Composite grades over anomalous zones were calculated and consecutive intersections totalling 1.0-2.5m were achieved in several holes however grades are only in the order of 250-650 ppm eU3O8 *(See Table 5 below).*

Berber

The 4 holes drilled at the Berber prospect 2.5-3km south of Oban were targeted at a postulated embayment in the regional redox front similar to that in which Oban occurs.

One hole (CUM38) intersected a narrow (0.5 m) zone of ore grade material (1050 ppm eU3O8) within a complex(?) redox situation along a WNW-ESE trending front.

The locations of the drillholes listed in *Table 5* are plotted on *Maps 3, 4 & 5.* Preliminary drillhole logs are attached in *Appendix 1.*

TABLE 5 COMPILATION OF DOWNHOLE GAMMA DATA

EL2275

AREA	HOLE No	FROM (m)	TO (m)	THICKNESS (m)	U_3O_8 (ppm)	LOGGER VALUE (cps) max
OBAN	2	87.4	89.1	1.7	285	1294
OBAN	7	85.2	86.7	1.5	287	1186
OBAN		89.3	90.7	1.4	307	1488
OBAN	6	84.1	86.2	2.1	402	4021
OBAN	8	83.9	86.3	2.4	309	1269
OBAN	13	85.0	87.5	2.5	563	3968
OBAN	16	87.1	88.1	1.0	676	3400
OBAN	17	88.3	90.8	2.5	671	4278
OBAN	18	87.9	89.4	1.5	513	3171
OBAN	22	88.6	91.9	2.5	604	4005
OBAN	30	86.0	88.0	2.0	250	919
BERBER	38	91.5	92.0	0.5	1050	4311

Summary of Drill Results February 1998 EL2275

TABLES

TABLE 1

Project FROME File TR-2272.DAT Wed Apr 08 10:23 1998 Page 1

REC	MESA NO	HOLE	E-AMG	N-AMG	ELEV est	T.D. m	MAX CPS	X bg	ENV NO
1	151688	EAR 7A	384606.68	6512468.34	72.50	143.26	350	2	ENV 1109
2		EAR 8	391333.69	6514782.47	75.00	126.80	390	<2	ENV 1109
3		EAR 14	392905.97	6508779.35	89.00	106.98	160	2	ENV 1109
4		EAR 16	393455.66	6502719.59	99.00	92.66	130	<2	ENV 1109
5		EAR 17	387434.43	6496349.99	103.00	115.52	110	<2	ENV 1109
6		EAR 18	380780.39	6496166.91	102.50	81.08	110	<2	ENV 1109
7		EAR 19	380670.66	6502524.34	89.50	111.86	600	8	ENV 1109
8		EAR 21	387208.31	6502574.62	92.50	81.99	110	<2	ENV 1109
9		EAR 26	374704	6495421	102.00	30.48	250	5	ENV 1109
10		EAR 27	375844	6501858	84.00	134.11	245	4	ENV 1109
11		EAR 28	376080.07	6509091.63	74.50	138.68	430	10	ENV 1109
12	144425	FD 1	390700	6493157	112.00	143.26			ENV 1853
13	144426	FD 3	382941	6492694	108.50	109.73			ENV 1853
14	144427	FD 4	378185	649291	107.00	134.11			ENV 1853
15	144428	FD 5	375758	6496316	100.00	121.92			ENV 1853
16	144429	FD 6	375936	6505102	82.00	135.64		7	ENV 1853
17	144430	FD 7	377300.00	6512200.00	73.00	153.01		3.8	ENV 1853
18	144435	FD 12	373900.00	6510600.00	74.50	138.07			ENV 1853
19	144443	FD 20	373600.00	6505800.00	84.50	140.21			ENV 1853
20	144456	FD 33	374200.00	6513900.00	68.00	132.59			ENV 1853
21	144457	FD 34	375300.00	6509800.00	72.00	144.78			ENV 1853
22	144458	FD 35	376000.00	6507400.00	78.00	138.07			ENV 1853
23		PMX 3	385626.18	6528508.75	54.00	128.4	260	4	ENV 1853
24		PMX 4	391391.68	6527816.98	57.50	114.0	100	<2	ENV 1853
25		PMX 18	393692.97	6526616.87	60.00	107.6	130	2	ENV 1853
26		PMX 49	384909.23	6501478.24	85.50	122.0		<2	ENV 1853
27		PMX 51	388001.54	6513272.13	77.50	153.0		<2	ENV 1853
28		BW 30(W)	392500.61	6515348.37	74.00				ENV 2361
29		BW 31(W)	392576.67	6516333.58	73.00				ENV 2361
30		BW 32(W)	392648.30	6517330.38	73.00				ENV 2361
31		BW 33(W)	388927.21	6512921.43	78.00				ENV 2361
32		BW 167(W)	373822.17	6495926.42	101.00				ENV 2713
33		BW 172	376209.07	6508832.64	76.00	144	40	<2	ENV 2713
34		BW 173	377621.95	6508639.60	76.50	147	40	<2	ENV 2713
35		BW 174	376560.09	6504958.40	82.50	139.5	100	5	ENV 2713
36		BW 178	377294.49	6504942.45	81.50	108	20	<2	ENV 2713
37		BW 178A	377150.14	6504961.02	82.00	142	40	<2	ENV 2713
38		BW 179	378498.75	6513363.51	70.00	130.5	35	<2	ENV 2713
39		BW 180	382156.51	6512700.53	70.50	141.0	70	3	ENV 2713
40		BW 181	380386.28	6512965.41	67.00	134	50	2	ENV 2713
41		BW 182	378475.33	6514161.38	69.00	121.5	250	12	ENV 2713
42		BW 183	378406.23	6515310.23	67.50	129	50	2	ENV 2713
43		BW 184	377890.50	6512449.79	72.00	133.5	40	<2	ENV 2713
44		BW 185	376452.18	6513801.93	70.50	152.5	40	<2	ENV 2713
45		BW 186	374296.70	6516250.86	66.50	140	40	<2	ENV 2713
46	145268	T 5	394000.00	6495700.00	109.00	80.00	22	<2	ENV 2995
47	145269	T 6	393120	6493441	113.00	85	38	2	ENV 2995
48	137052	E.A.RUDD B	393772.00	6513229.00	80.50	0.00			ENV ????

TABLE 2

Project FROME File TR-2273.DAT Wed Apr 08 10:08 1998 Page 1

REC	MESA NO	HOLE	E-AMG	N-AMG	ELEV est	T.D. m	MAX CPS	X bg	ENV NO
1	87731	LAKE FROME	384869.00	6564407.00	6.00	771.80			ENV 0968
2	87730	LAKE FROME	391439.00	6563537.00	33.00	781.80			ENV 0968
3	146017	244 32	373200.00	6561800.00	29.00	140.21	95	<2	ENV 1041
4	146018	244 33	374900.00	6562200.00	18.00	103.63	110	<2	ENV 1041
5	146019	244 34	376500.00	6562500.00	14.00	97.54	110	2	ENV 1041
6	146020	244 35	378100.00	6562900.00	8.00	96.01	100	2.5	ENV 1041
7	146021	244 36	379800.00	6563300.00	10.00	92.96	120	2	ENV 1041
8	146022	244 37	381500.00	6563600.00	8.50	92.96	110	2	ENV 1041
9	146023	244 38	382800.00	6562500.00	8.00	161.54	125	3	ENV 1041
10	151686	EAR 4	389375.55	6546191.02	41.50	162.46	180	3	ENV 1109
11		EAR 5	392746.07	6545947.73	36.50	124.05	170	3	ENV 1109
12	151687	EAR 6	385712.18	6544374.21	40.50	152.40	280	6	ENV 1109
13	144132	589 32	404900.00	6560100.00	28.00	152.40	100	<2	ENV 1627
14	144133	589 33	407100.00	6568200.00	20.00	152.40	80	<2	ENV 1627
15	144134	589 34	405400.00	6565000.00	26.00	140.82	170	2	ENV 1627
16	144135	589 35	399100.00	6563000.00	23.50	141.43	80	<2	ENV 1627
17	144141	589 41	411400.00	6561100.00	30.00	129.54	120	<2	ENV 1627
18	144300	CF 1	374100.00	6563000.00	17.00	60.00	116	<2	ENV 3405
19	141555	FR6-1	396300.00	6564000.00	15.00	2.00			ENV 8013
20	141556	FR7-1	389700.00	6560000.00	8.00	2.00			ENV 8013
21	137053	E.A.RUDD B	393201.00	6546061.00	39.00	0.00			ENV ????

TABLE 3

Project FROME File TR-2274.DAT Wed Apr 08 10:10 1998 Page 1

REC	MESA NO	HOLE	E-AMG	N-AMG	ELEV est	T.D. m	MAX CPS	X bg	ENV NO
1	145790	514 4	447700.00	6553000.00	46.00	37.49	5000	2	ENV 1543
2	144136	589 36	403800.00	6576900.00	39.00	184.40	100	2	ENV 1627
3	144796	LY 20	449180.99	6555197.44	38.00	36.00	20	<2	ENV 2291
4	144799	LY 23	451718.27	6559495.92	46.00	39.00	20	<2	ENV 2291
5	144733	LT 11	424462	6561736	22.00	91.50	560	14	ENV 2308
6	144734	LT 12	426034	6562231	18.00	82.10	800	20	ENV 2308
7	144735	LT 13	426600.00	6563800.00	22.00	82.10	189	5	ENV 2308
8	144736	LT 14	425823	6565459	28.00	85.50	136	3	ENV 2308
9	144737	LT 15	425700.00	6566900.00	28.50	94.90		<2	ENV 2308
10	144738	LT 16	424845	6568509	24.00	94.90	60	<2	ENV 2308
11	144766	LT 44	428044	6563162	43.00	96.40	132	3	ENV 2308
12	144767	LT 45	429737	6563135	42.00	86.00	87	2	ENV 2308
13	144768	LT 46	431200	6563551	40.00	91.90	185	4	ENV 2308
14	144769	LT 47	433184	6563752	37.50	94.90	87	2	ENV 2308
15	144770	LT 48	434814	6564290	45.00	97.90	95	2	ENV 2308
16	150266	LE 48	420700.00	6577800.00	14.00	106.50			ENV 2392
17	150267	LE 49	418500.00	6577000.00	33.00	120.00			ENV 2392
18	150268	LE 50	416300.00	6575900.00	42.00	126.00	108	3	ENV 2392
19	145296	TAL LC 20	435200.00	6561100.00	41.50	93.50	110	2	ENV 2432
20	145297	TAL LC 21	435900.00	6561000.00	41.00	110.00	230	6	ENV 2432
21	145298	TAL LC 22	434500.00	6561200.00	39.50	79.50	85	2	ENV 2432
22	141554	FR5-2	398500.00	6571600.00	8.00	2.00			ENV 8013
23	104352	BLACK OAK	424882	6569674	26.00	138.40			ENV ????
24	137063	GETTY LT 4	430471.00	6563891.00	40.50	0.00			ENV ????

TABLE 4

Project FROME File TR-2275.DAT Wed Apr 08 10:11 1998

REC	MESA NO	HOLE	E-AMG	N-AMG	ELEV est	T.D. m	MAX CPS	X bg	ENV NO
1	144036	513 6	476352	6531595	70.00	88.39	2000	2	ENV 1546
2	144037	513 7	478200.00	6532900.00	69.50	80.77	1930	2	ENV 1546
3	144038	513 8	480301	6534564	71.00	115.82	1350	2	ENV 1546
4	144039	513 9	480900.00	6537400.00	73.00	115.82	1380	<2	ENV 1546
5	144040	513 10	483075	6538421	73.00	182.88	170	<2	ENV 1546
6	144041	513 11	485236	6539294	77.00	134.11	3200	2	ENV 1546
7	144042	513 12	487421	6540191	81.50	102.11	2500	<2	ENV 1546
8	144043	513 13	489134	6540879	79.00	121.01	2000	<2	ENV 1546
9	144044	513 14	491382	6541862	81.00	92.96	2000	<2	ENV 1546
10	144045	513 15	491400.00	6544600.00	85.00	102.11	2300	<2	ENV 1546
11	144046	513 16	490700.00	6547000.00	83.00	134.11	3850	4.5	ENV 1546
12	144047	513 17	490546	6549621	81.00	159.11	1300	<2	ENV 1546
13	144048	513 18	481687	6539965	72.00	111.25	3050	3	ENV 1546
14	144049	513 19	480486	6541665	70.00	102.11	2300	2	ENV 1546
15	144050	513 20	481200.00	6544800.00	70.00	106.68	4500	3	ENV 1546
16	144052	513 22	472200.00	6554700.00	52.00	120.40	3700	3	ENV 1546
17	144053	513 23	473600.00	6556100.00	55.00	124.97	5000	4	ENV 1546
18	144054	513 24	474800.00	6557800.00	59.00	102.11	2900	2	ENV 1546
19	144055	513 25	476800.00	6559200.00	61.50	92.96	4100	4	ENV 1546
20	144056	513 26	479300.00	6560800.00	66.00	111.25	3400	3	ENV 1546
21	144057	513 27	472800.00	6557200.00	54.50	106.68	3000	2	ENV 1546
22	144059	513 29	474100.00	6554200.00	56.00	120.40	3650	3	ENV 1546
23	144060	513 30	475306	6554866	58.00	97.54	4000	2.5	ENV 1546
24	144062	513 32	470700.00	6562100.00	51.00	115.82	4900	8	ENV 1546
25	144063	513 33	474900.00	6563600.00	61.00	92.96	1700	2.5	ENV 1546
26	144064	513 34	477800.00	6562500.00	61.00	97.54	700	<2	ENV 1546
27	144065	513 35	482100.00	6561600.00	60.00	102.11	900	<2	ENV 1546
28	144066	513 36	486641	6562232	66.00	120.40	1500	2	ENV 1546
29	144067	513 37	489258	6562332	68.00	129.54	2200	4	ENV 1546
30	144068	513 38	491726	6562586	72.00	134.11	2800	5.5	ENV 1546
31	144069	513 39A	497922	6565533	77.50	48.77			ENV 1546
32	144070	513 39B	498600.00	6566100.00	80.00	138.68	1900	2	ENV 1546
33	144071	513 40	499500.00	6561600.00	83.00	138.68	1550	2	ENV 1546
34	144072	513 41	493900.00	6556400.00	80.00	144.78	2100	2	ENV 1546
35	144073	513 42	496000.00	6558800.00	76.50	150.57	1350	<2	ENV 1546
36	144074	513 43	492200.00	6554100.00	82.50	138.68	1350	<2	ENV 1546
37	144075	513 44	485440	6558988	62.00	116.43	2600	3	ENV 1546
38	144076	513 45	485591	6555509	69.00	109.73	1700	2	ENV 1546
39	144077	513 46	485710	6552112	74.00	121.62	2350	2.5	ENV 1546
40	144078	513 47	477740	6549618	62.00	121.62	3150	3	ENV 1546
41	144080	513 48	481219	6549607	69.00	90.53	13500	18	ENV 1546
42	144081	513 49	487867	6548782	80.00	127.10	16500	<2	ENV 1546
43	144082	513 50	486987	6546984	78.00	121.01	27500	4.5	ENV 1546
44	144083	513 51	484300.00	6545200.00	78.00	108.20	1700	2	ENV 1546
45	144084	513 52	482647	6547103	78.00	109.12	1500	2	ENV 1546
46	144085	513 53	488300.00	6546200.00	79.00	121.62	2100	2	ENV 1546
47	144086	513 54	486629	6542512	75.50	116.43	3500	6	ENV 1546
48	144087	513 55	483900.00	6540600.00	71.50	108.51	1650	2	ENV 1546
49	144088	513 56	489911	6539043	82.00	138.68	3350	6	ENV 1546
50	144089	513 57	488628	6536399	82.00	121.01	2700	5	ENV 1546
51	144090	513 58	489038	6532880	84.50	121.01	2700	5	ENV 1546
52	144091	513 59	491787	6533986	85.50	121.92	1600	3	ENV 1546
53	144092	513 60	494634	6535116	88.00	106.68	6200	12	ENV 1546
54	144093	513 61	492985	6537875	87.00	121.01	2050	2	ENV 1546
55	144406	MD-FD 1	491200.00	6547600.00	84.00	133.00	20	<2	ENV 2532
56	144407	MD-FD 2	492500.00	6547700.00	85.00	138.50	20	<2	ENV 2532
57	144408	MD-FD 3	489949	6542498	80.50	129.50	20	<2	ENV 2532
58	144412	MD-FD 7	481375	6535060	72.00	102.00	20	<2	ENV 2532
59	144413	MD-FD 8	479048	6543825	64.00	97.00	35	2	ENV 2532
60	144414	MD-FD 9	476100.00	6542900.00	62.00	88.50	30	2	ENV 2532
61	144415	MD-FD 10	474000.00	6542900.00	59.00	82.00	30	2	ENV 2532
62	144416	MD-FD 11	473449	6554692	56.00	118.50	40	4	ENV 2532
63	144417	MD-FD 12A	474642	6554614	57.50	81.50	20	<2	ENV 2532
64	144423	MD-FD 18	499800.00	6531900.00	94.00	152.00	38	2	ENV 2532
65	144424	MD-FD 19	499800.00	6540000.00	94.50	152.00	25	2	ENV 2532
66	144497	FE 27	472220.51	6567990.59	63.00	102.50	50	5	ENV 2584
67	144635	LC 35	471952.65	6562355.20	53.50	75.30	20	2	ENV 3421
68	144636	LC 36	472359.22	6562549.96	56.00	137.00	16	<2	ENV 3421
69	144637	LC 37	470073.10	6562336.66	52.00	128.00	96	10	ENV 3421
70	144645	LC 45	472406.43	6555286.97	52.00	128.00	68	2.5	ENV 3421
71	144646	LC 46	474206	6554448	57.00	126.00	16	2	ENV 3421

REC	MESA NO	HOLE	E-AMG	N-AMG	ELEV est	T.D. m	MAX CPS	X bg	ENV NO
72	144647	LC 47	474753	6554670	57.50	79.00	14	<2	ENV 3421
73	144648	LC 48	473987	6553308	56.00	102.00	16	2	ENV 3421
74	144649	LC 49	474321	6552397	59.00	68.00	20	2	ENV 3421
75	144650	LC 50	478489	6551893	61.50	95.00	36	3.5	ENV 3421
76	144651	LC 51	478647	6552856	66.00	96.00	36	3.5	ENV 3421
77	144652	LC 52	478789	6553839	58.00	95.00	42	4	ENV 3421
78	144653	LC 53	478714	6553328	61.00	95.00	34	3.5	ENV 3421
79	144654	LC 54	478570	6552376	66.00	95.00	14	<2	ENV 3421
80	144655	LC 55	478678	6553065	64.00	96.00	20	2	ENV 3421
81	144656	LC 56	478692	6553210	63.00	96.00	102	10	ENV 3421
82	144657	LC 57	485695	6553623	70.00	110.00	12	<2	ENV 3421
83	144658	LC 58	478691	6553266	62.00	96.00	76	8	ENV 3421
84	144659	LC 59	478592	6552544	64.50	94.00	28	2.5	ENV 3421
85	144660	LC 60	474518	6553243	58.00	112.00	30	3	ENV 3421
86	144661	LC 61	475449	6553230	64.00	88.00	30	3	ENV 3421
87	144662	LC 62	476431	6553209	64.00	96.00	16	<2	ENV 3421
88	144663	LC 63	477451	6553223	60.00	96.00	12	<2	ENV 3421
89	144664	LC 64	478373	6553350	61.00	134.00	28	2.5	ENV 3421
90	144665	LC 65	479551	6553003	62.00	114.00	28	2.5	ENV 3421
91	144666	LC 66	480560	6552973	59.50	96.00	22	2	ENV 3421
92	144667	LC 67	478848	6553040	64.00	96.00	192	19	ENV 3421
93	144668	LC 68	478739	6552851	65.00	96.00	52	5	ENV 3421
94	144669	LC 69	478788	6552846	65.00	90.00	30	3	ENV 3421
95	144670	LC 70	478792	6552650	66.00	102.00	64	6	ENV 3421
96	144671	LC 71	483380.73	6554071.74	71.00	111.00	24	2	ENV 3421
97	144672	LC 72	487793.68	6556325.66	72.50	106.00	20	2	ENV 3421
98	144673	LC 73	482826.71	6556223.54	65.00	97.50	20	2	ENV 3421
99	144674	LC 74	479799.26	6556205.60	58.00	103.50	80	8	ENV 3421
100	144675	LC 75	477792.07	6556196.69	53.50	88.50	18	<2	ENV 3421
101		BE 40	481206	6549625	69.00	91	200	10	ENV 3713
102		BE 41	480232	6549438	66.00	104	170	9	ENV 3713
103		BE 42	480685	6549550	67.00	96.5	230	23	ENV 3713
104		BE 43	481188	6549507	69.50	96	328	16	ENV 3713
105	145831	BE 44	481246	6549985	68.00	108.20	50	3	ENV 3713
106		BE 45	479200	6549525	63.00	96			ENV 3713
107	145832	BE 46	478220	6550028	62.00	96.00	24	2	ENV 3713
108	145833	BE 47	478365	6550960	60.00	96.00	20	<2	ENV 3713
109	145834	BE 48	478943	6548826	63.00	96.00	20	<2	ENV 3713
110	145835	BE 49	481164	6549405	69.50	96.00	80	4	ENV 3713
111	145836	BE 50	480667	6549434	67.50	96.00	54	5	ENV 3713
112	145837	BE 51	481675	6549670	70.00	88.00	60	4	ENV 3713
113		BE 52	480695	6549596	67.00	96	300	20	ENV 3713
114		BE 53	480707	6549649	67.00	96			ENV 3713
115		BE 54	481218	6549677	69.00	96	164	12	ENV 3713
116		BE 55	480708	6549694	67.00	96			ENV 3713
117		BE 56	480695	6549625	67.00	96	765	76	ENV 3713
118		BE 57	480723	6549745	66.50	104.2	140	14	ENV 3713
119	145840	BE 64	474242	6551481	59.00	70.00	12	<2	ENV 3713
120	145841	BE 65	479683	6549437	63.50	96.00	160	16	ENV 3713
121		BE 66	480970	6549565	68.00	95	48	5	ENV 3713
122		BE 67	480748	6549838	66.50	95	40	4	ENV 3713
123		BE 68	479715	6549539	63.50	96			ENV 3713
124		BE 69	480740	6549611	67.50	96			ENV 3713
125		BE 70	480601	6549642	66.50	95			ENV 3713
126		BE 71	480259	6549519	65.50	95	620	62	ENV 3713
127		BE 72	480793	6549605	68.00	95			ENV 3713
128		BE 73	480757	6549686	67.00	95			ENV 3713
129		BE 74	480287	6549610	65.00	95			ENV 3713
130		BE 75	480850	6549599	68.00	95			ENV 3713
131		BE 76	480658	6549701	66.50	95			ENV 3713
132		BE 77	480295	6549703	65.00	95	154	15	ENV 3713
133	145842	BE 78	480766	6549916	66.00	95.00	80	8	ENV 3713
134		BE 79	481228	6549765	69.00	95			ENV 3713
135		BE 80	480510	6549650	66.00	96	64	6	ENV 3713
136	145843	BE 81	480299	6549790	65.00	76.00	12	<2	ENV 3713
137		BE 82	479743	6549630	63.50	95	16	<2	ENV 3713
138	145844	BE 83	479208	6549625	63.00	96.00	12	<2	ENV 3713
139		BE 84	482626	6549628	72.00	110	12	<2	ENV 3713
140	145845	BE 85	483876	6549405	74.50	110.00	40	4	ENV 3713
141	145846	BE 86	485000.00	6549500.00	75.00	110.00	12	<2	ENV 3713
142		BE 87	483458	6548245	77.00	112	12	<2	ENV 3713

REC	MESA NO	HOLE	E-AMG	N-AMG	ELEV est	T.D. m	MAX CPS	X bg	ENV NO
143	145847	BE 88	481897	6545946	77.00	104.00			ENV 3713
144	145848	BE 89	482143	6549664	72.00	103.00	32	3	ENV 3713
145		BE 90	479171	6549452	63.00	95	54	10	ENV 3713
146	145849	BE 91	478720	6549227	62.00	95.00	22	2	ENV 3713
147		BE 92	480269	6549560	65.50	100			ENV 3713
148		BE 93	480290	6549653	65.00	95			ENV 3713
149		BE 94	480764	6549608	67.50	95	200	20	ENV 3713
150		BE 95	480701	6549676	67.00	96			ENV 3713
151	145850	BE 96	480855	6550341	64.00	96.00	34	3	ENV 3713
152		BE 97	480713	6549719	66.50	95			ENV 3713
153		BE 98	480687	6549575	67.00	95			ENV 3713
154	145851	BE 99	480936	6550771	64.00	98.00	28	2	ENV 3713
155	145852	BE 100	480253	6549482	66.00	97.00	22	2	ENV 3713
156		BE 101	476722	6549678	61.00	78	8	<2	ENV 3713
157	145853	BE 102	475695	6549803	61.00	120.00	20	<2	ENV 3713
158		BE 103	474791	6550193	60.50	80	80	20	ENV 3713
159	145854	BE 104	473942	6550192	57.50	80.00	20	2	ENV 3713
160	145855	BE 105	475770	6547421	60.50	88.00	36	<2	ENV 3713
161	145856	BE 106	476498	6546758	63.00	88.00	20	2	ENV 3713
162	145857	BE 107	477188	6546112	63.00	88.00	48	4	ENV 3713
163	145858	BE 108	477950	6545433	63.00	88.00	48	4	ENV 3713
164	145859	BE 109	478500	6544565	63.00	112.00	10	3	ENV 3713
165	145860	BE 110	480008	6548775	66.00	104.00	1000	100	ENV 3713
166		BE 111	480935	6548498	70.00	96	28	3	ENV 3713
167	145861	BE 112	481779	6548369	73.00	104.00	15	<2	ENV 3713
168		BE 113	482745	6548482	76.00	112	12	<2	ENV 3713
169	145862	BE 114	480385	6548535	68.00	96.00	20	2	ENV 3713
170	145863	BE 115	479966	6548135	66.50	96.00	100	10	ENV 3713
171		BE 116	480277	6548779	67.00	100	95	9	ENV 3713
172		BE 117	479716	6548147	65.00	100	140	9	ENV 3713
173	145864	BE 118	479971	6548405	66.00	96.00	24	2	ENV 3713
174		BE 119	479473	6548148	64.00	96	320	20	ENV 3713
175	145865	BE 120	479984	6547455	66.50	96.00	80	5.5	ENV 3713
176	145866	BE 121	479439	6547438	64.00	88.00	32	2	ENV 3713
177		BE 122	480023	6549056	65.50	96	80	7	ENV 3713
178	145867	BE 123	480132	6549039	66.00	96.00	1120	75	ENV 3713
179		BE 124	480139	6549158	66.00	96	80	7	ENV 3713
180	145868	BE 125	480059	6548773	66.00	100.00	1350	90	ENV 3713
181		BE 126	480004	6548883	66.00	96	370	37	ENV 3713
182		BE 127	479902	6548875	65.00	96	125	12	ENV 3713
183		BE 128	479612	6548140	64.00	96	88	4	ENV 3713
184		BE 129	480184	6549041	66.50	96	40	3	ENV 3713
185		BE 130	480056	6548837	66.00	100	160	10	ENV 3713
186		BE 131	480061	6548720	66.00	100	60	6	ENV 3713
187	145869	BE 132	480102	6548833	66.00	96.00	560	47	ENV 3713
188		BE 133	480000	6548725	66.00	100	370	37	ENV 3713
189		BE 134	479769	6548417	65.00	120	170	12	ENV 3713
190	145870	BE 135	479558	6548146	64.00	96.00	1170	58	ENV 3713
191		BE 136	479934	6547892	66.00	96	80	4	ENV 3713
192		BE 137	479662	6548423	64.50	96	160	16	ENV 3713
193		BE 138	479606	6548428	64.00	96	140	14	ENV 3713
194		BE 139	479509	6548146	64.00	96	160	11	ENV 3713
195		BE 140	479555	6548036	64.00	96	40	2	ENV 3713
196		BE 141	479729	6547899	65.00	96	95	6	ENV 3713
197		BE 142	479929	6547786	66.00	96	50	2.5	ENV 3713
198	145871	BE 143	480517	6547475	69.50	100.00	50	2.5	ENV 3713
199	145872	BE 144	480482	6546932	72.00	128.00	30	2	ENV 3713
200	145873	BE 145	480986	6546971	74.00	100.00	30	2	ENV 3713
201		BE 146	479839	6547902	66.00	96	205	14	ENV 3713
202		BE 147	479506	6548433	64.00	100	350	23	ENV 3713
203		BE 148	479787	6548618	65.00	100	280	28	ENV 3713
204		BE 149	479944	6548726	65.50	96	320	26	ENV 3713
205		BE 150	480111	6548775	66.00	100	125	10	ENV 3713
206		BE 151	479698	6547616	64.50	100	130	13	ENV 3713
207		BE 152	479411	6548434	64.00	96	480	48	ENV 3713
208		BE 153	479499	6548633	64.00	96	208	20	ENV 3713
209	145874	BE 154	479703	6548785	64.50	96.00	80	8	ENV 3713
210		BE 155	479508	6548735	64.00	96	76	7.5	ENV 3713
211		BE 156	479708	6548937	64.50	96	88	9	ENV 3713
212	145875	BE 157	479541	6548544	64.00	96.00	48	5	ENV 3713
213		BE 158	479608	6548812	64.00	96	880	88	ENV 3713

REC	MESA NO	HOLE	E-AMG	N-AMG	ELEV est	T.D. m	MAX CPS	X bg	ENV NO
214		BE 159	479711	6548890	64.50	96	1200	120	ENV 3713
215		BE 160	479794	6548881	65.00	96	124	12	ENV 3713
216		BE 161	479457	6548435	64.00	96	570	57	ENV 3713
217	129507	BE 165C	479647	6548137	64.50	92.73	160	16	ENV 3713
218	129508	BE 166C	479554	6548145	64.00	91.00	280	28	ENV 3713
219	129509	BE 167C	479491	6548143	64.00	89.10	196	20	ENV 3713
220		BE 169	481733	6547183	76.00	108	22	2	ENV 3713
221	145876	BE 170	481315	6548405	72.00	96.00	194	20	ENV 3713
222		BE 171	481115	6548437	70.50	90	22	2	ENV 3713
223		BE 172	481013	6548450	70.50	93	20	2	ENV 3713
224	145877	BE 173	483150	6545220	77.00	108.00	18	<2	ENV 3713
225	145878	BE 174	485722	6540945	75.00	114.00	36	3	ENV 3713
226	145879	BE 175	484986	6535069	79.50	110.00	108	11	ENV 3713
227	145880	BE 177	494588	6531655	88.50	156.00	20	2	ENV 3713
228	145881	BE 178	483000.00	6543200.00	70.00	105.00	20	2	ENV 3713
229	145882	BE 179	480337	6545602	71.00	102.00	56	5.5	ENV 3713
230	145883	BE 180	483400.00	6552000.00	71.50	102.00	20	2	ENV 3713
231		BE 181	479421	6548148	64.00	91.5	70	7	ENV 3713
232	145884	BE 182	479371	6548148	64.00	100.50	121	12	ENV 3713
233	-212	BU07	500150.00	6535900.00	XXX	152.00			GS1978/179
234	-219	BU14	500000.00	6543800.00	92.00	120.00			GS1978/179
235	-227	BU22	500000.00	6551800.00	89.00	120.00			GS1978/179

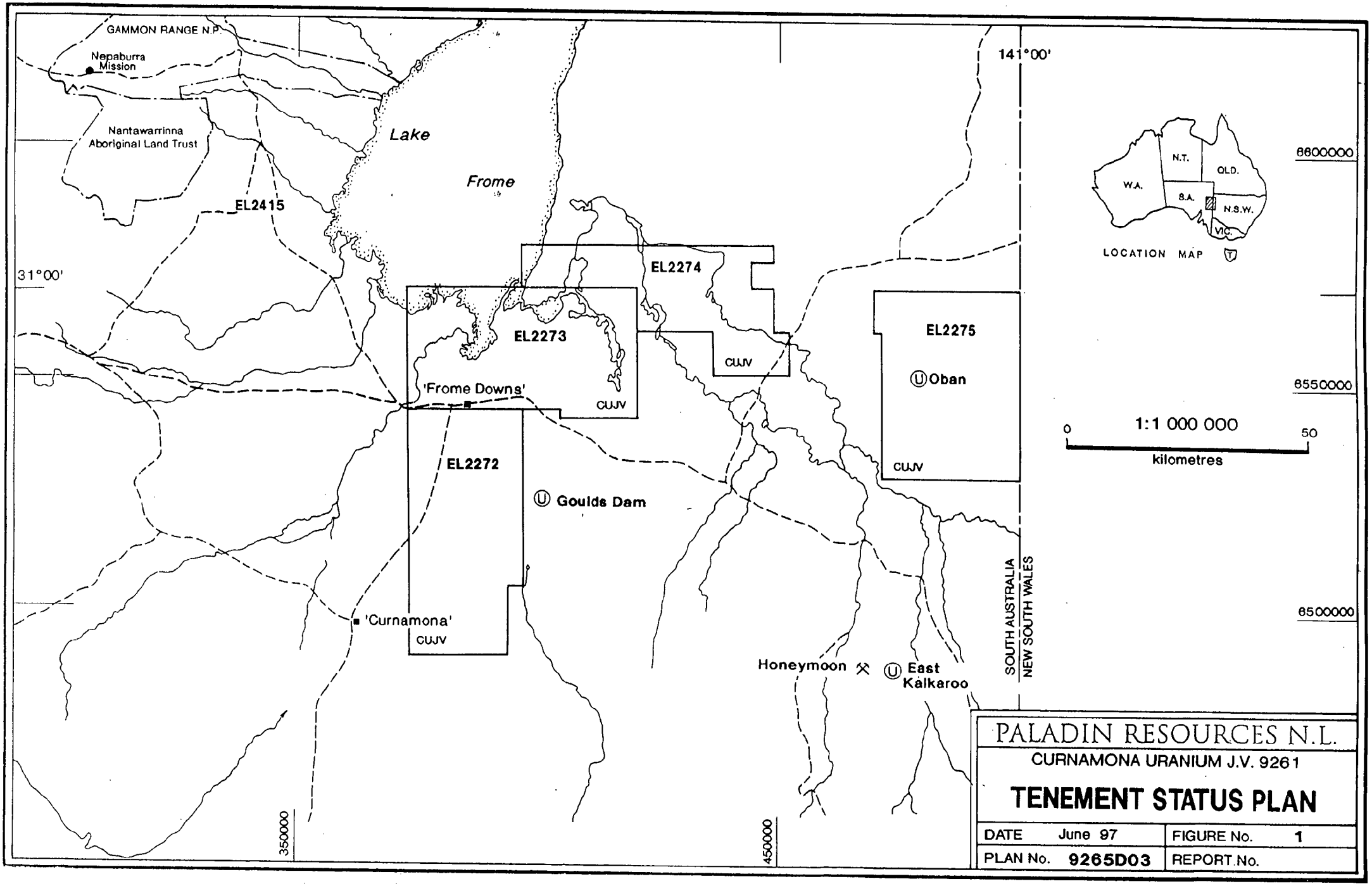
TABLE 5 COMPILATION OF DOWNHOLE GAMMA DATA

EL2275

AREA	HOLE No	FROM (m)	TO (m)	THICKNESS (m)	U_3O_8 (ppm)	LOGGER VALUE (cps) max
OBAN	2	87.4	89.1	1.7	285	1294
OBAN	7	85.2	86.7	1.5	287	1186
OBAN		89.3	90.7	1.4	307	1488
OBAN	6	84.1	86.2	2.1	402	4021
OBAN	8	83.9	86.3	2.4	309	1269
OBAN	13	85.0	87.5	2.5	563	3968
OBAN	16	87.1	88.1	1.0	676	3400
OBAN	17	88.3	90.8	2.5	671	4278
OBAN	18	87.9	89.4	1.5	513	3171
OBAN	22	88.6	91.9	2.5	604	4005
OBAN	30	86.0	88.0	2.0	250	919
BERBER	38	91.5	92.0	0.5	1050	4311

Summary of Drill Results February 1998 EL2275

FIGURES



PALADIN RESOURCES N.L.

CURNAMONA URANIUM J.V. 9261

TENEMENT STATUS PLAN

DATE June 97	FIGURE No. 1
PLAN No. 9265D03	REPORT No.

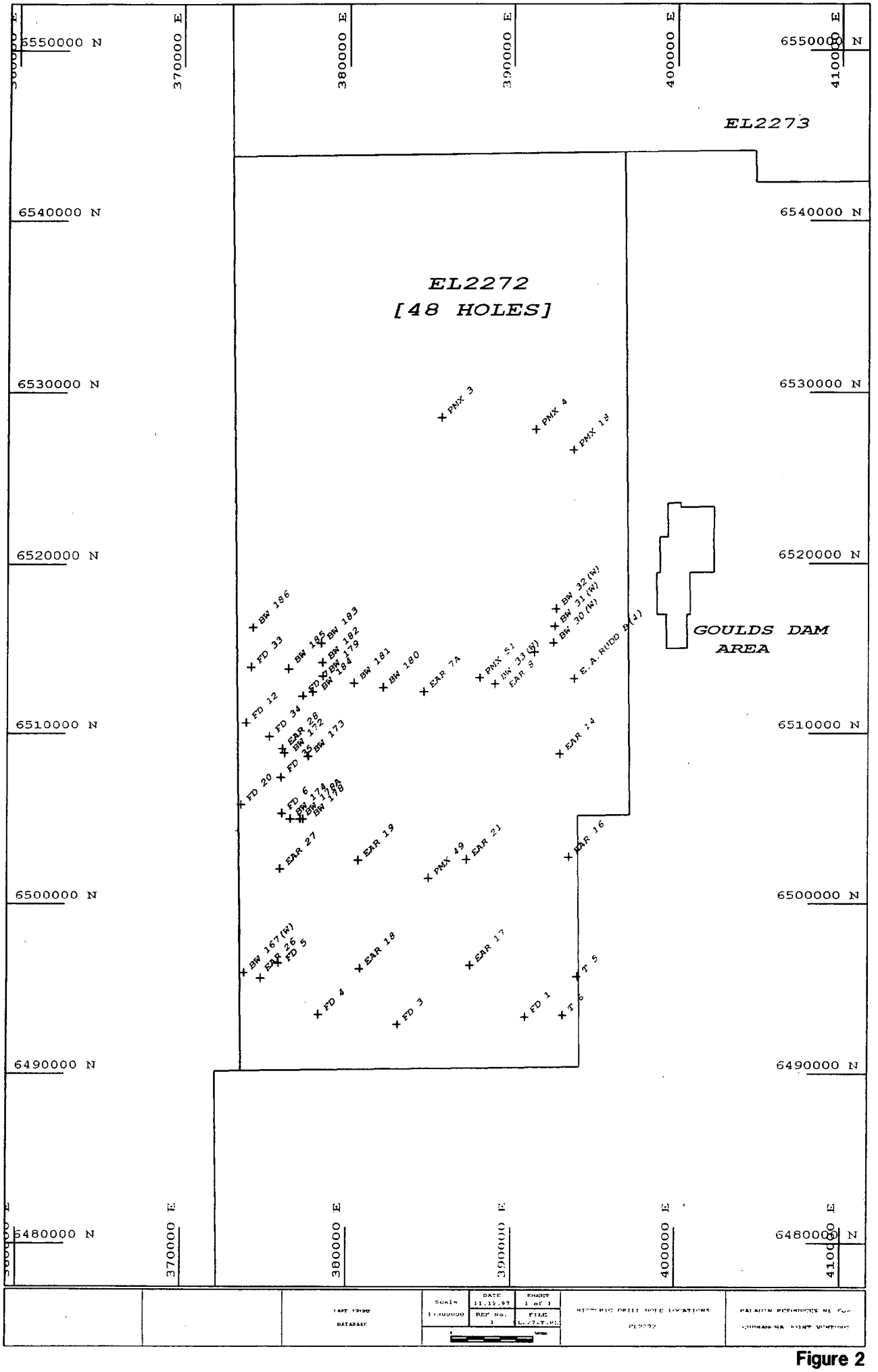

370000 E
380000 E
390000 E
400000 E
410000 E
6550000 N
6540000 N
6530000 N
6520000 N
6510000 N
6500000 N
6490000 N
6480000 N
EL2273
EL2272
[48 HOLES]
GOULDS DAM
AREA
PMX 3
PMX 4
PMX 18
PMX 51
PMX 49
BW 186
FD 33
BW 185
BW 183
BW 182
BW 179
BW 184
FD 12
FD 34
BW 181
BW 180
EAR 7A
EAR 28
BW 172
BW 173
FD 20
FD 6
BW 174
BW 176A
BW 178
EAR 27
EAR 19
EAR 21
BW 32 (W)
BW 31 (W)
BW 30 (W)
BW 33 (W)
EAR 9
E.A. RUDD 2(J)
EAR 14
EAR 16
BW 167(W)
EAR 26
FD 5
EAR 18
EAR 17
FD 4
FD 3
FD 1
T 5
T 6
LAST FROM DATABASE
Scale 1:50000
DATE 11.12.97
SHEET 1 of 1
REF No. 1
FILE
HISTORIC DRILL HOLE LOCATIONS
PLOTTED
PALADIN RESOURCES NL FOR

Figure 2

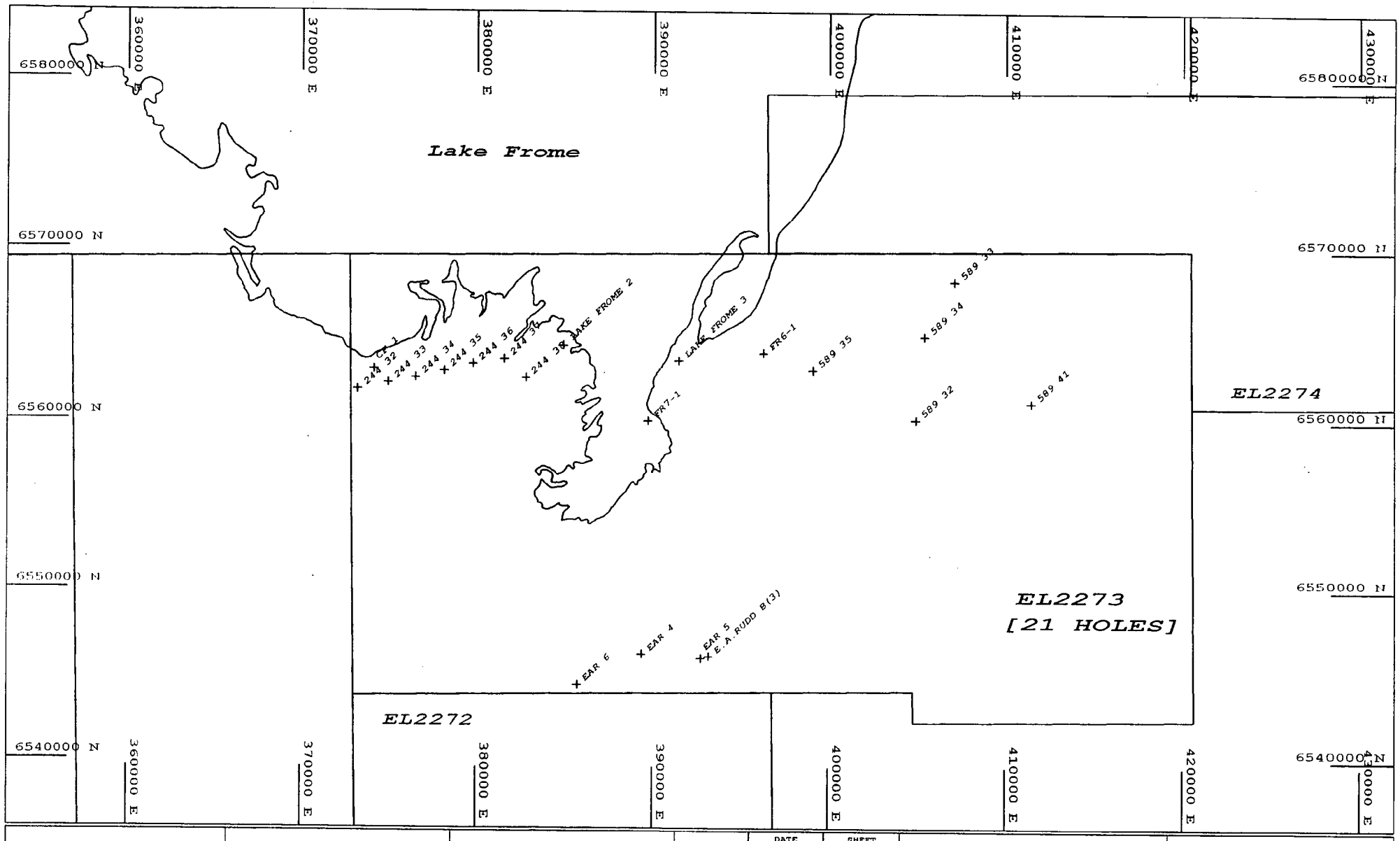

Lake Frome
EL2274
EL2273
[21 HOLES]
EL2272
LAKE FROME 2
LAKE FROME 3
FR6-1
FR7-1
EAR 4
EAR 5
EAR 6
E.A. RUDD B(3)
6580000 N
6570000 N
6560000 N
6550000 N
6540000 N
360000 E
370000 E
380000 E
390000 E
400000 E
410000 E
420000 E
430000 E
LAKE FROME
DATABASE
Scale
1:300000
DATE
10.02.98
SHEET
1 of 1
REF No.
1
FILE
EL2273T.PLT
HISTORIC DRILL HOLE LOCATIONS
EL2273
PALADIN RESOURCES NL for
CURNAMONA JOINT VENTURE

Figure 3

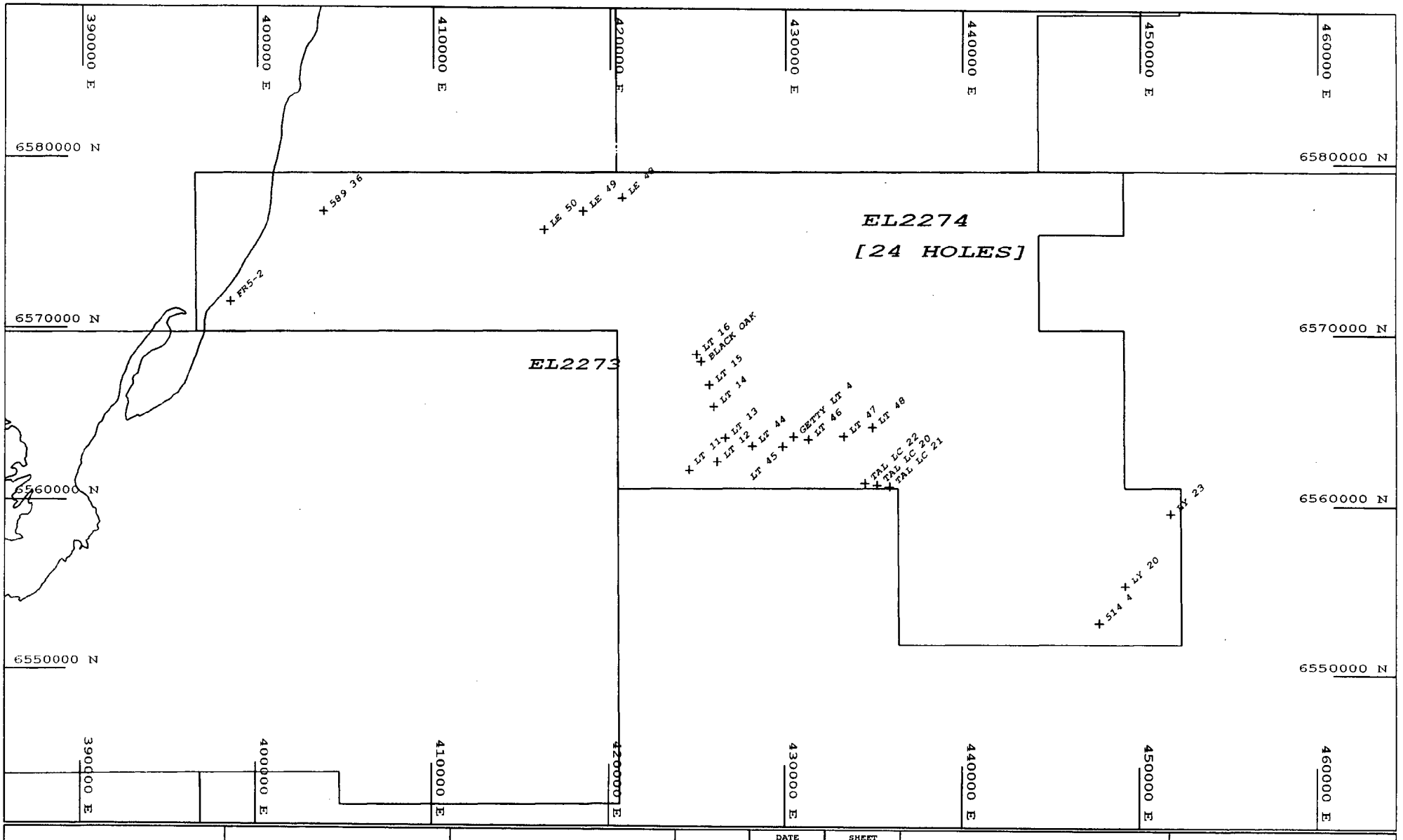

390000 E
400000 E
410000 E
420000 E
430000 E
440000 E
450000 E
460000 E
6580000 N
6570000 N
6560000 N
6550000 N
EL2274
[24 HOLES]
EL2273
589 36
LE 50
LE 49
LE 48
FR5-2
LT 16
BLACK OAK
LT 15
LT 14
LT 11
LT 13
LT 12
LT 44
LT 45
GETTY LT 4
LT 46
LT 47
LT 48
TAL LC 22
TAL LC 20
TAL LC 21
LY 23
LY 20
514 4
LAKE FROME
DATABASE
Scale
1:300000
DATE
21.01.98
SHEET
1 of 1
REF No.
1
FILE
EL2274T.PLT
HISTORIC DRILL HOLE LOCATIONS
EL2274
PALADIN RESOURCES NL for
CURNAMONA JOINT VENTURE

Figure 4

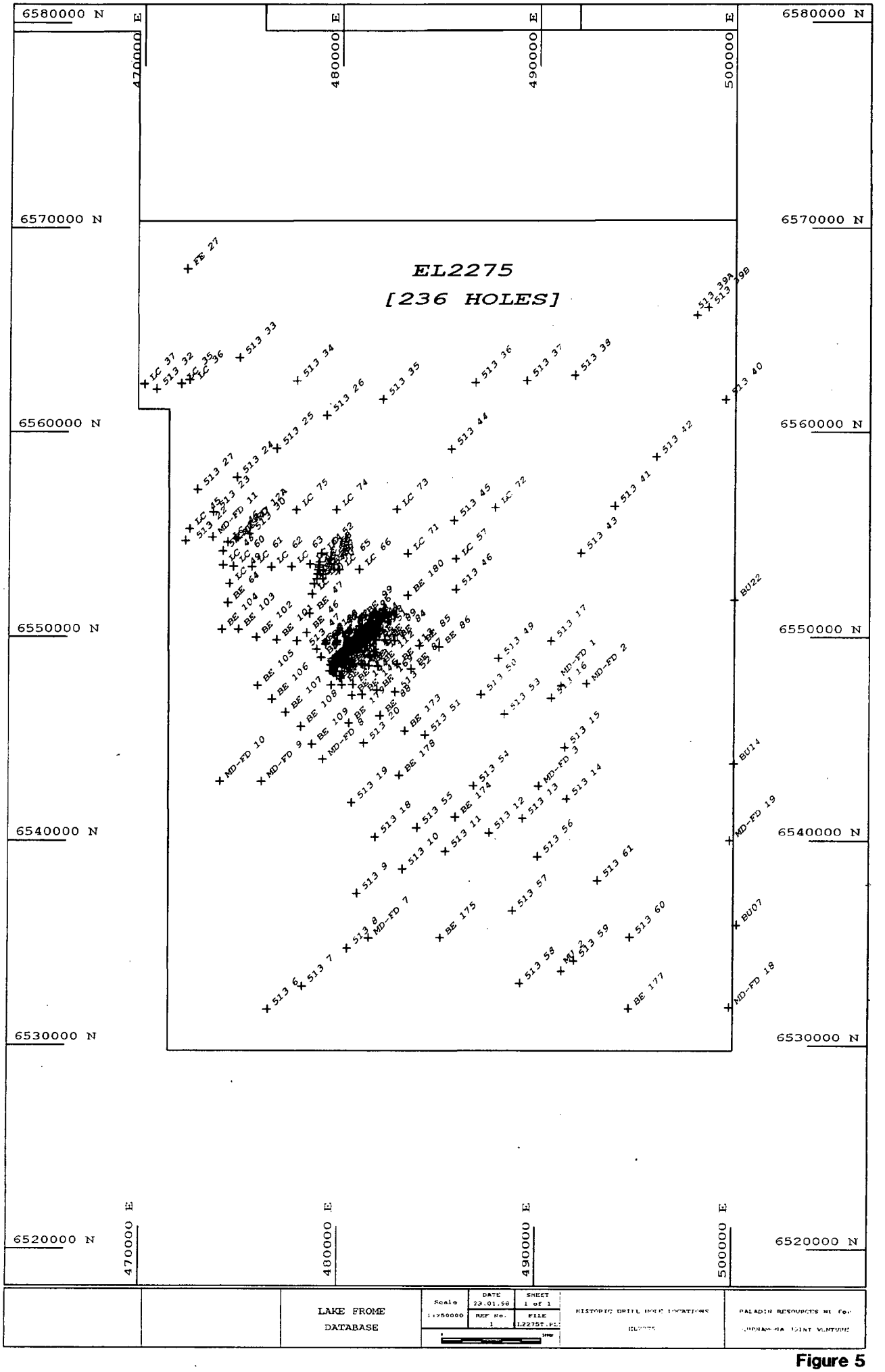
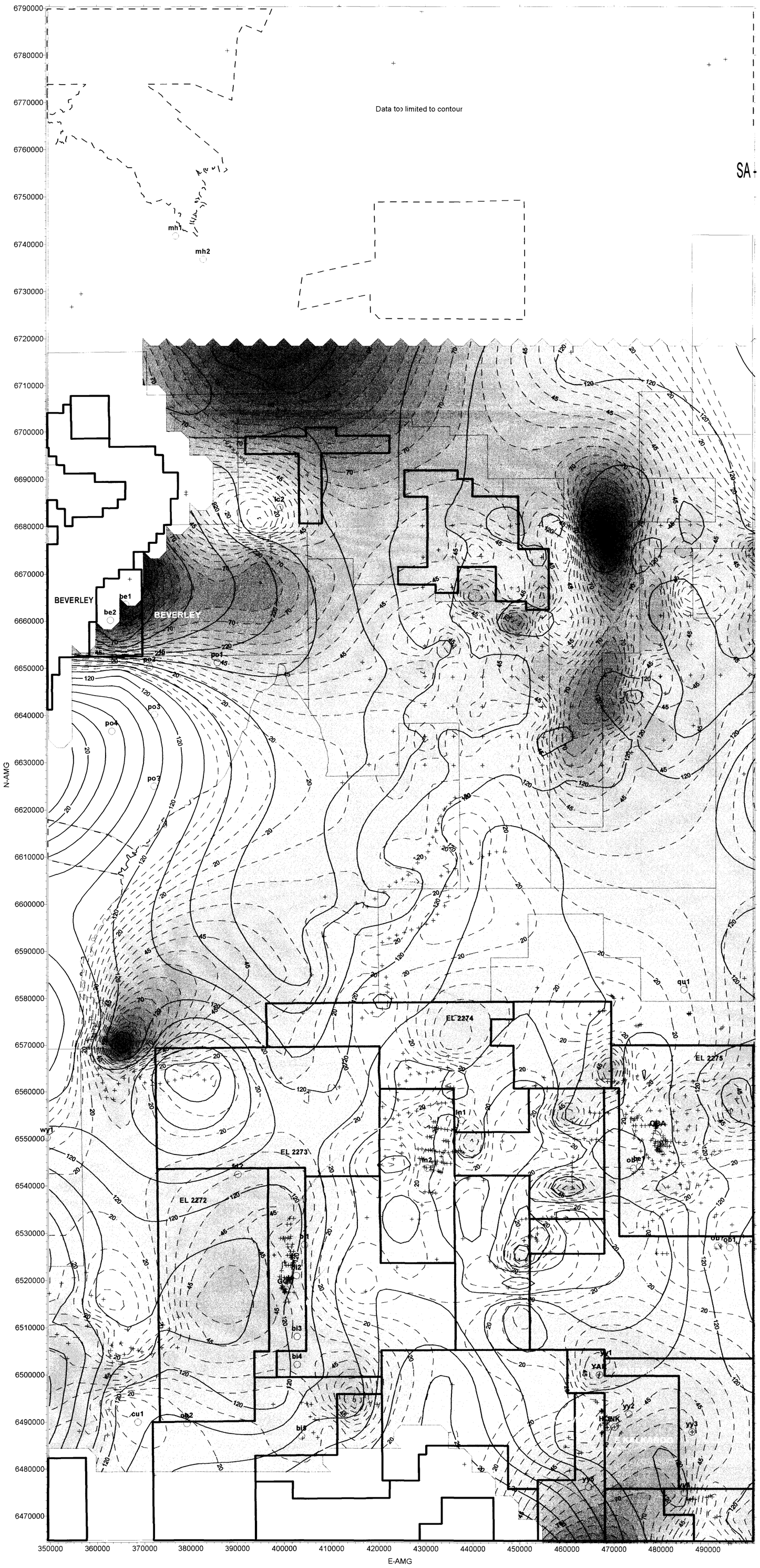

EL2275
[236 HOLES]
6580000 N
6570000 N
6560000 N
6550000 N
6540000 N
6530000 N
6520000 N
470000 E
480000 E
490000 E
500000 E
LAKE FROME
DATABASE
Scale
1:250000
DATE
23.01.98
SHEET
1 of 1
REF No.
1
FILE
L2275T.PI
HISTORIC DRILL HOLE LOCATIONS
PALADIN RESOURCES NL for

Figure 5

EYRE FM ISOPACHS & STRUCTURAL CONTOURS



150
140
130
120
110
100
90
80
70
60
50
40
30
20
10
0

Grey Scale 5 m
Isopachs of Eyre Fm

URANIUM DEPOSITS & uranium showings

Drillholes from MESA Curnamona Dataset that intersect the EYRE FM

Park Boundaries

ELA's

EL's

OBAN: U deposit

Black solid contour lines are 20 m structural contours.

Black dashed lines are 5 m isopachs

Based on drillhole depths not surveyed RL's; i.e. surface assumed to be level

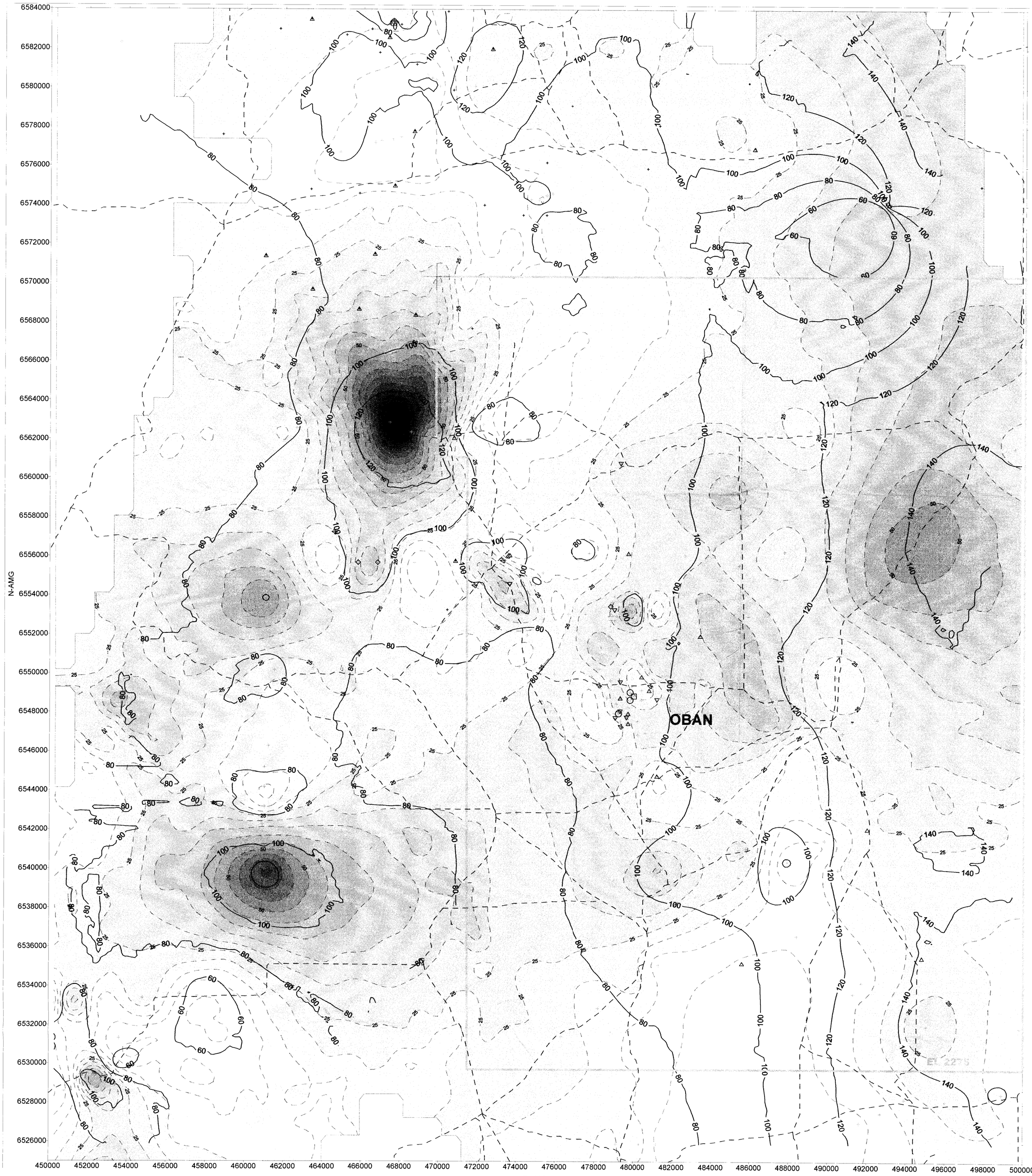
Grid Method: Minimum Curvature, average duplicates, no anisotropy, blanking file approx boundary of Frome Embayment inside SA.

9327-1

0(m) 20,000(m) 40,000(m)

PALADIN/BRIGHTSTAR JV
Frome Embayment
Eyre Fm Isopachs & Structural Contours

By: JDB
Date: July 1997
Prog: Surfer,
File: EYRE_DI.SRF
On: GIS D:GISDATA, FROME, SDATA



Max CPS downhole

- △ 80.00 to 150.00
- ▽ 151.00 to 300.00
- ◇ 301.00 to 500.00
- □ 501.00 to 1000.00
- ○ 1001.00 to 2000.00

Drillhole Key

- \+ undiff. Tertiary logged
- Eyre Fm logged
- △ Anomalous, see box

1:100,000

0(m) 5,000(m) 10,000(m) 15,000(m) 20,000(m)

Structural Contours:
GRID: kriging, scale 191, length 38900, linear model,
250 m cell, average duplicates.
Search: octant, 10,000 m search radius.
Std smoothing

Based on drillhole depths
not surveyed RL's: i.e.
surface assumed to be level.

Eyre Fm Isopach:
GRID: kriging, scale 191, length 38900, spherical model,
1,000 m cell, average duplicates.
Search: octant, 12,000 m search radius.
Smoothing:recalc grid using spline on 200 x 200 grid

Parameter Map:

Black contour lines: Base of Tertiary Structural Contours
Rainbow Image: Eyre Fm Isopach
Drillhole Locations
Anomalous Drillholes

PALADIN/BRIGHTSTAR/GOLDMINCO

CURNAMONA JV

Eyre Fm Parameters

EL 2275 - CUJV

By: JDB
Date: September 1997
Prog: Surfer
File: Tert_2275_D_ISO_A_BW.srf
On: GIS:gisdata,frome,sdata,el2275

MAP 2

9327-2

470000 E
480000 E
490000 E
6560000 N
6550000 N
6540000 N
6530000 N

E1
E2
E0?
80
100
120

EL2275

9327-3

Previous Drilling	x BG
◉	>100
□	10-100
△	5-10
*	2-5
+	<2
○	No reading available

- 80 — Structural contours, base of Eyre Formation
- RL ox E3 — Postulated deeper redox front
- RL ox E1 — Lower redox front
- RL ox E2 — Upper redox front

1998 ● Drill hole location (Paladin)

Scale	DATE	SHEET
1:50000	10.03.98	1 of 1
	REF No. 1	FILE FRM0049.PLT

0 2500m

PALADIN RESOURCES NL for
CURNAMONA JOINT VENTURE

REGIONAL MAP
EL2275
DRILL HOLE LOCATIONS xbg
AND
INTERPRETED REDOX BOUNDARIES

PLAN No. 9327E12 MAP 3

476000 E | 478000 E | 480000 E | 482000 E | 484000 E

6554000 N | 6552000 N | 6550000 N | 6548000 N | 6546000 N | 6544000 N | 6542000 N

Lake Charles

Lake Charles Channel

Oban North

Oban

oxidized lobe

oxidized lobe

oxidized lobe

EL2275

postulated front based on limonitic sands in BE85 and basal reduced sands in BE84

9327-4

Previous Drilling: X BG; ◉ >100; □ 10–100; △ 5–10; * 2–5; + <2; ○ No reading available	—80— Structural contours, base of Eyre Formation; E0 Postulated deeper redox front; E1 Lower redox front; E2 Upper redox front	1998 ● Drill hole location (Paladin)	Scale 1:20000	DATE 10.03.98 / REF No. 1	SHEET 1 of 1 / FILE FRM0050.PLT; 0 1000m	PALADIN RESOURCES NL for CURNAMONA JOINT VENTURE	PROSPECT MAP EL2275 DRILL HOLE LOCATIONS xbg AND INTERPRETED REDOX BOUNDARIES

PLAN No. 9265E11

MAP 4

479000 E | 479500 E | 480000 E | 480500 E | 481000 E

6550500 N | 6550000 N | 6549500 N | 6549000 N | 6548500 N | 6548000 N | 6547500 N | 6547000 N

Oban North

Oban

EL2275

E1 | E2

9327-5

Previous Drilling			
X BG			
◉	>100		
□	10-100		
△	5-10		
*	2-5		
+	<2		
○	No reading available		

Lower redox front

Upper redox front

1998 ● Drill hole location (Paladin)

Outline of grid

Scale	DATE	SHEET
1:5000	10.03.98	1 of 1
	REF No. 1	FILE FRM0051.PLT

0 250m

PALADIN RESOURCES NL for
CURNAMONA JOINT VENTURE

EL2275 OBAN PROSPECT
DRILL HOLE LOCATIONS
AND
INTERPRETED REDOX BOUNDARIES

PLAN No. 9265E10

MAP 5

APPENDIX 1

Drill Hole Logs

Note: Drill Hole Logs presented here are preliminary logs covering that part of the drill programme completed during the reporting period. Final logs covering the full drilling programme will be presented in the next annual technical report.

Notes on Sedlog codes and Sedlog print outs

NAME. Holenum is the name and/or number of the drill hole.

DEPTHS. Dfrom and Dto refer to top and bottom of an interval respectively.

GEOLUNIT (Geolunit) refers to a coded geological unit in standard map format (i.e. age as capital rest as lower case, numbers to count cycles from base). In the Frome area the following guidelines are current:

Namba Formation

Tnm: undifferentiated Tertiary Namba Fm mudstone.
Tnk: carbonate rich mudstone, local marker horizon, Namba Fm.
Tns: undifferentiated Namba Fm sand unit.
Tn1-4: successive (from base) silt/sand units.
Tn3p: local marker unit of a pyrite rich carbonaceous fine sand

Eyre Formation

Te1: main Eyre Fm, divided into basal (generally gritty to conglomeratic) (Te1a) and sand dominant Te1b parts. With a good SP log the basal unit can be divided into a base Te1a1 which is marked by a distinct dip in the SP log and an upper Te1a2 unit which can be marked by a clay break at the top. The Teb unit can frequently divided on the cuttings and occasionally on the SP log (clay breaks) into three sub-units.

Te2: top of Eyre Fm, generally fining-up with mudstone interbeds but quite distinct on SP log.

Tel: a lignite unit.

Tem: undifferentiated mudstone.

Basement

Cretaceous Marree Fm (Km).

MODIFYER AMOUNT (MA), RELATOR (Rel) and MODIFYER (Mod)

The sedlog table works on the basis of first deciding the dominant sediment (eg medium sand, mudstone etc). This is then coded under ROCKTYPE. Rock type (RK) is a listing of the basic sedimentary rock-types.

Then deciding the amount of a second component or characteristic such as;

- common interbeds of siltstone,
- rare intermixed mudstone,
- irregular grains of very course sand,
- abundant pebbles of quartz,
- minor blebs of gypsum,
- common interbeds of very course sandstone,
- fining up to mudstone (can be seen in some electrical logs),
- etc etc.

The above is then coded as;

- **AMOUNT (MA)** ----- one letter code indicating amount; eg A=abundant,
- **RELATOR (Rel)** ----- 2 letter code indicating relationship; eg MX=mixture/matrix,
- **MODIFYER (Mod)** ----- 2 letter code indicating rock type and/or common mineral code; e.g. CO=conglomerate, LI=limonite, GY=gypsum, LG=lignite etc

The following columns are 1 or 2 letters wide and are used to indicate the amounts of the following materials.

The **ORGANIC** column **(Org)** is reserved to indicate an amount of macroscopic organic material such as lignite, woody fragments, plant fossils etc. The same codes are used as for the AMOUNT column (1 letter code).

The **PYRITE (Py), HUMIC (Hu), LIMONITE (Lim)** columns are reserved to indicate a visual estimate of the amount of granular, disseminated or nodular pyrite, the amount of humic stained grains and the amount of limonite stained quartz grains; ie the codes from the AMOUNT column are used. If not assessed leave blank. Carbonate (Cb) is similarly assessed.

REDOX. The redox column **(RX)** is self explanatory and a list of the codes to describe the redox state is attached along with some guidelines to differentiate the different categories.

COLOUR. A three letter code is used for colour **(Colo).**

From **SORTING (S), ROUNDNESS (R)** through to **BEDDING (B)** the codes are self explanatory. The same style of coding for each of sorting, bedding and roundness has been used to cut down on the number of codes and to try and enhance the readabilty of the data (all 1 letter codes).

HARDNESS (H) is aimed at recording more strongly cemented layers or layers with hard nodules; e.g. silcrete patches etc. Sometimes it can play a role identifying certain layers as well; eg, Cretaceous basement is usually harder than Tertiary mudstone.

The **UMIN (U)** column records the type of radiometric signal as per the code listing.

The **SAMQ (S)** column is used to record the quality of the sample. Naturally on the historic logs this won't be known but should be entered for our own drill holes (2 letter code).

SEDLOG CODES FOR FROME

ROCKTYPE	
Superficial & Recent	
SU	Surface Sand
LA	Laterite
KO	Kopai
SI	Silcrete
CA	Calcrete
Basin & Channel Sediments	
MU	mudstone
ZI	siltstone
SZ	sandy siltstone
ZS	silty sandstone
FS	fine sandstone
MS	medium sandstone
CS	coarse sandstone
VS	very coarse sandstone & grit
CO	conglomerate
LM	limestone/dolomite
GY	gypsum layer
LG	lignite & peat, dark brown powder with plant fragments, earthy, dull, soft
SP	sapropelic coal, fine grade, massive, black, conchoidal, ductile
BA	basement

AMOUNTS	
Blank	None/Unknown
R	Rare
M	Minor
C	Common
A	Abundant
I	Irregular

MAIN RELATOR	
Blank	none
MX	mixture/matrix
CU	coarsening up
FU	fining up
IN	interbed
ST	stain
DS	disseminated
LM	laminae
ND	nodules
BL	blebs
GO	grains of
PO	pebbles of
CO	cobbles of
IC	in cavities
IF	in fractures
IJ	in joints
IV	in veinlets
??	unknown

COMMON MINERALS	
BI	biotite
CA	calcite
CB	carbonate
CH	chert
CL	chlorite
CY	clay
DO	dolomite
EP	epidote
FD	feldspar
GY	gypsum
HE	hematite
LI	limonite
MI	mica
MU	muscovite
OP	opal
OX	oxides
PY	pyrite
QZ	quartz
SR	sericite
ZE	zeolite

ORGANICS (as amount)
PYRITE (as amount)
HUMIC STAIN (as amount)
LIMONITE STAIN (as amount)
CARBONATE acid reaction (as amount)

REDOX	
OX	oxidised >5% limonite stained grains, colors: off whites, tans yellows, light pale greys, bleached look, pink clays
RU	reduced mid to dark greys tending to black, also greens, dark browns – humic material, pyrite, clay matrix.
TR	transitional shows some characteristics of both states, in muds limonite mottling, in sands remnant humic st, between obviously ox and reduc samples
GT	green transitional persistant green coloring staining clay matrix, fel and qtz.
BT	brown transitional partial ox of humic sst leaving persistent lt brown stain
IF	occasional obvious interfingening with str limonite stained grains in overall humic st sst, however watch for contamination?
MO	mottled patches of both, rarely described
NN	neutral doesn't show any characteristic features of either state, light greys, no pyrite, no ox grains
SO	surface oxidation hematite - limonite flecks, stains in mudstone etc, brown surface sands etc.
??	uncertain

COLOURS	
Blank	unknown
RED	red
ORA	orange
YEL	yellow
GRE	green
BLU	blue
PUR	purple
BRO	brown
TAN	tan, beige, pale brown
LGR	light grey
DGR	mid-dark grey
YGR	Yellow grey, ie. yellow mottles/ blebs in grey
BLA	Black
WHI	White
OWH	off-white, brownish greys
GRY	grey in general
MOT	red-yellow mottled surface weathered

SORTING, BEDDING, ROUNDNESS	
Blank	Unknown
P	Poor
M	Medium
W	Well
I	Irregular

HARDNESS	
Blank	Unknown
S	Soft
M	Medium
H	Hard
I	Irregular

URANIUM MINERALISATION	
Blank	None/Unknown
U	Visible pitchblende
D	Disseminated uranium mineralisation
R	radiometric anomaly
B	high background
W	wing
S	seep

SAMPLE QUALITY	
Blank	unknown
N	no sample
P	poor sample
C	contaminated sample
G	good sample

HYDROLOGY	
Blank	unknown
WT	static, water table intersected
NW	no water, dry
LW	low water flow
AW	average water flow
HW	high water flow
VW	very high water flow

DESC :	Textural Description
1.	use all lower case letters, so that Rock Unit codes can be distinguished by plotting program
2.	use readable and fairly standard abbreviations if possible as long words waste space by wrapping
3.	remember 2 lines of text equals about 1m of log at 1:200 scale; hence keep descriptions short especially when describing narrow units
4.	wordy text makes the log confusing
5.	DDH logs (scale 1:100) can be more detailed
6.	suggested abbreviations are:
abund	abundant
&	and
bg	background
c	coarse
carb	carbonate
chl	chlorite
dissem	disseminate
dolo	dolomite
f	fine
fel	feldspar
ferrug	ferruginous
freq	frequent
hem	hematite
limon	limonite
lmst	limestone
med	medium
mott	mottled
mudst	mudstone
musc	muscovite
py	pyrite
qtz	quartz
r/a	radioactive
rk	rock
sch	schist
sst	sandstone
sequ	sequence
zst	siltstone
silic	silicified
st	stained
str	strong
tr	trace
vc	very coarse
vf	very fine
wk	weak
wth	weathered

Dfrom	Dto	Geolunit	RK	MA	Rel	Mod	Org	Py	Hum	Lim	Cb	RX	Color	S	R	B	H	U	S	Description
Hole Number:		**CUM001**																		
0.0	2.0	Q	SU	-	–	–	-	-	-	-	-	SO	BRO	-	-	-	S	-	G	brownish sandy clay
2.0	8.0	Tnm	MU	-	–	–	-	-	-	-	-	SO	MOT	-	-	-	S	-	G	wth lt grey, hem st, mudst
8.0	20.0	Tnm	MU	-	–	–	R	-	-	-	-	TR	LGR	-	-	-	S	-	G	fresher lt grey mudst, prob minor organic streaks, minor lim st & mottles
20.0	22.0	Tn4	FS	-	–	–	M	-	-	-	-	OX	YGR	-	-	-	S	-	G	f sst
22.0	24.0	Tnm	MU	-	–	–	R	-	-	-	-	TR	LGR	-	-	-	S	-	G	lt grey mudst, minor yellow mottles, rare organic streaks
24.0	30.4	Tnm	MU	-	–	–	M	-	-	-	-	RU	DGR	-	-	-	S	-	G	mid grey to blk organic rich mudst, some yellow mm knots after py?
30.4	34.6	Tn3	MU	C	IN	SZ	-	-	-	-	-	TR	YGR	-	-	-	S	-	G	lt grey mudst, some yellow mottl, v f sandy zst (elog)
34.6	35.8	Tn3p	MS	-	–	–	A	A	-	-	-	RU	BLA	-	-	-	S	-	G	organic rich, prob py rich med sst
35.8	44.0	Tnm	MU	R	IN	FS	M	-	-	-	-	TR	LGR	-	-	-	S	-	G	lt grey-yellow mottl mudst, minor organic streaks, rare irregular bands? f sst
44.0	48.0	Tn2	MS	C	IN	MU	-	-	-	R	-	OX	LGR	-	-	-	S	-	G	f-med sst, sst prob wk ox, tr lim st on qtz grains
48.0	52.8	Tnm	MU	-	–	–	R	-	-	-	M	TR	LGR	-	-	-	S	-	G	lt grey-yellow mottl mudst, rare organic streaks, minor carb @ base
52.8	56.8	Tn1	MS	M	IN	MU	C	-	-	-	-	RU	BLA	-	-	-	S	-	G	dk grey-blkl mudst, mm frag lignite, in f-med reduc sst
56.8	60.4	Tnm	MU	-	–	–	-	-	-	-	C	TR	LGR	-	-	-	S	-	G	off white-lt grey carb mudst, yellow mottl
60.4	61.2	Tns	MS	-	–	–	-	-	-	C	-	OX	LGR	-	-	-	S	-	G	band f-med bleached lim st ox sst
61.2	66.0	Tnk	LM	-	–	–	-	-	-	R	A	OX	LGR	-	-	-	S	-	G	off white-lt grey mudst, yellow mottl, carb nch, str acid test
66.0	72.0	Te2	MS	M	IN	MU	-	-	-	R	-	OX	OWH	-	-	-	S	-	G	off white-lt grey med sst, minor interbeds mudst (2 beds elog), tr lim st on qtz & ithic grains
72.0	74.0	Te1b3	CS	-	–	–	-	-	-	M	-	OX	OWH	M	M	-	S	-	G	mainly c qtz sst, tr fel, some med sst, a few vc grains
74.0	78.0	Te1b2	MS	-	–	–	-	-	-	M	-	OX	OWH	W	W	-	S	-	G	mainly med qtz sst, tr fel, some c sst, minor orange st qtz grains, tr white bleached clay clots
78.0	80.0	Te1b2	CS	-	–	–	M	-	-	R	-	OX	OWH	M	M	-	S	-	G	mainly c gd sst, some vc
80.0	82.0	Te1b1	CS	-	–	–	M	-	-	R	-	OX	OWH	P	M	-	S	-	G	c sst, freq fel grains, thin reduced mudst seam
82.0	84.0	Te1b1	CS	-	–	–	-	-	-	R	-	OX	OWH	M	M	-	S	-	G	c sst, minor mudst seam, white bleached?
84.0	86.0	Te1b1	VS	M	PO	QZ	-	-	-	C	-	OX	OWH	P	M	-	S	-	G	vc sst, common orange lim st of qtz grains, limonitic mudst seams, close to front?, lim cemented qtz grains, mm fel pebs, obvious ox
86.0	88.0	Te1a	CS	-	-	–	-	-	-	C	-	OX	OWH	M	M	-	S	R	G	c sst, common orange lim st of qtz grains, minor mudst seams, ox less intense
88.0	93.8	Te1a	CS	-	-	–	-	-	-	R	-	OX	OWH	M	M	-	S	W	G	c sst, rare orange lim st of qtz grains, v minor mudst seams, ox less intense, more bleached & poorly sorted @ base
93.8	104.0	Km	BA	-	–	–	-	-	-	-	-	RU	—	-	-	-	S	-	G	blk mudst, eoh 104m
Hole Number:		**CUM002**																		
0.0	2.0	Q	SU	-	–	–	-	-	-	-	-	SO	BRO	-	-	-	S	-	G	wind blown sand @ surface
2.0	10.0	Tnm	MU	-	–	–	-	-	-	-	-	SO	MOT	-	-	-	S	-	G	wth grey brownish st mudst
10.0	12.0	Tnm	MU	-	–	–	A	-	-	-	-	RU	BLA	-	-	-	S	-	G	blk organic mudst, common hem st due to surface ox
12.0	18.0	Tnm	MU	-	–	–	A	-	-	-	-	RU	BLA	-	-	-	S	-	G	blk organic mudst
18.0	26.0	Tnm	MU	R	MX	ZI	-	-	-	-	-	TR	LGR	-	-	-	S	-	G	lt grey str yellow mottl mudst, irregular tr zst, prob ox to transitional
26.0	30.0	Tnm	MU	M	IN	FS	-	-	-	-	-	RU	GRY	-	-	-	S	-	G	mid grey mudst, uniform, tr f sst (elog)
30.0	35.2	Tnm	MU	M	IN	FS	-	-	-	-	-	OX	LGR	-	-	-	S	-	G	str lim st/mottl lt grey mudst, prob ox along thin f sst seams, locks bleached in part
35.2	35.8	Tn3p	MS	-	–	–	A	A	-	-	-	RU	BLA	-	-	-	S	-	G	organic rich py? f sst
35.8	44.4	Tnm	MU	R	IN	ZI	R	-	-	-	-	RU	LGR	-	-	-	S	-	G	lt-mid grey, minor yellow mottl mudst, tr irreg zst in patches, minor to rare organic streaks
44.4	46.8	Tn2	MS	M	IN	MU	-	-	-	-	-	RU	LGR	-	-	-	S	-	G	interbedded sst & mudst, elog
46.8	53.2	Tnm	MU	C	IN	FS	-	-	-	-	R	TR	LGR	-	-	-	S	-	G	interbedded sst/mudst, elog, poss some carb?
53.2	56.0	Tn1	FS	M	IN	MU	R	-	-	-	M	TR	LGR	-	-	-	S	-	G	lt-mid grey, minor yellow mottl mudst bed in lt grey f sst, occas organic streaks

Dfrom	Dto	Geolunit	RK	MA	Rel	Mod	Org	Py	Hum	Lim	Cb	RX	Color	S	R	B	H	U	S	Description
56.0	58.0	Tnm	MU	-	–	–	C	-	-	-	-	RU	DGR	-	-	-	S	-	G	dk grey-blk organic mudst
58.0	60.4	Tnm	MU	-	–	–	-	-	-	-	M	TR	LGR	-	-	-	S	-	G	lt grey-yellow mottl mudst
60.4	61.6	Tns	MS	-	–	–	-	-	-	-	-	OX	OWH	-	-	-	S	-	G	med sst elog
61.6	64.0	Tnk	LM	-	–	–	-	-	-	-	A	TR	OWH	-	-	-	S	-	G	off white bleached mudst, carb rich
64.0	65.6	Tnm	MU	-	–	–	-	-	-	-	M	RU	GRY	-	-	-	S	-	G	mid grey mudst
65.6	73.0	Te2	MS	M	IN	MU	-	-	-	-	-	??	OWH	-	-	-	S	-	C	seems to be mainly med sst, str contam from mudst, poor sample, washed, 4 mudst interbeds (elog)
73.0	74.0	Te1b3	FS	M	FU	MU	-	-	-	R	-	OX	OWH	-	-	-	S	-	P	f sst, prob some ox bleached mudst, some orange lim st
74.0	76.0	Te1b3	CS	-	FU	–	-	-	-	R	-	OX	OWH	-	-	-	S	-	P	c wk ox sst, tr orange lim st in clay, tr ox st on qtz grains
76.0	80.0	Te1b2	VS	-	–	–	-	-	-	R	-	OX	OWH	-	-	-	S	-	G	vc wk ox sst
80.0	85.2	Te1b1	CO	A	PO	QZ	-	-	-	R	-	OX	OWH	M	W	-	S	-	P	gritty congl, abund fel grains/pebs, mm pebs, wk ox, tr lim st only, bleached
85.2	93.2	Te1a	CO	A	PO	QZ	R	A	R	-	-	RU	DGR	M	W	-	S	-	P	gritty congl, abund fel grains/pebs, mm pebs, reduc, abund f py crusts/cement, tr blk mudst, tr humic st on qtz, rare lim after py, humic st on fel pebs, f/u to mudst top? elog
93.2	102.0	Km	BA	-	–	–	-	-	-	-	-	RU	—	-	-	-	S	-	P	dk grey-blk mudst, last 4m badly washed, eoh 102m

Hole Number: CUM003

0.0	2.0	Q	SU	-	–	–	-	-	-	-	-	SO	BRO	-	-	-	S	-	G	brown sand at surface
2.0	10.0	Tnm	MU	-	–	–	-	-	-	-	-	SO	LGR	-	-	-	S	-	G	lt grey brown clays with minor silt, some lim & hem st
10.0	12.0	Tnm	MU	C	IN	ZI	-	-	-	C	-	TR	LGR	-	-	-	S	-	G	lgr clays with minor lim st, thin zst interbeds (elog)
12.0	20.2	Tnm	MU	C	IN	ZI	-	-	-	C	-	OX	YGR	-	-	-	S	-	G	str lim st in clays, freq thin interbeds zst (elog)
20.2	21.4	Tn4	MS	-	–	–	-	-	-	C	-	OX	YGR	-	-	-	S	-	G	ox? med sst, elog
21.4	30.0	Tnm	MU	-	–	–	M	-	-	-	-	RU	DGR	-	-	-	S	-	G	v minor lim st in clays, some organic material in blk mudst
30.0	32.0	Tnm	MU	-	–	–		-	-	M	-	TR	YGR	-	-	-	S	-	G	minor lim st in yellow mott grey clays
32.0	33.8	Tnm	MU	-	–	–	-	-	-	C	-	OX	YGR	-	-	-	S	-	G	str lim st in yellow mott grey clays
33.8	36.2	Tn3p	FS	M	IN	MU	C	C	-	-	-	RU	BLA	-	-	-	S	-	G	seams of blk f sst with py? & abund organic matter
36.2	43.8	Tnm	MU	-	–	–	-	-	-	M	-	TR	YGR	-	-	-	S	-	G	yellow & bleached clays
43.8	47.0	Tn2	MS	M	IN	MU	-	-	-	-	-	??	—	-	-	-	S	-	G	elog sst layer
47.0	53.4	Tnm	MU	-	–	–	M	M	-	-	-	RU	DGR	-	-	-	S	-	G	mainly dk clays, lt grey clays @ 48m, organics & py 42-46m
53.4	56.6	Tn1	MS	M	IN	MU	-	R	-	-	C	RU	DGR	-	-	-	S	-	G	v sandy unit in namba, minor carb rich off white? clays
56.6	60.2	Tnm	MU	-	–	–	-	-	-	R	-	TR	DGR	-	-	-	S	-	G	some lim st on dk grey clays
60.2	62.6	Tns	CS	-	–	–	-	-	-	-	-	??	—	-	-	-	S	-	G	elog sand layer
62.6	65.4	Tnk	LM	-	–	–	-	-	-	-	A	OX	OWH	-	-	-	S	-	G	white clay, bleached?, carb rich
65.4	67.0	Te2	CS	-	FU	–	-	-	-	R	-	OX	OWH	W	M	-	S	-	G	minor lim clay
67.0	73.0	Te2	VS	C	IN	MU	-	-	-	R	-	OX	OWH	W	P	-	S	-	G	4 clay bands (elog) in vc sst
73.0	80.0	Te1b2	VS	-	–	–	-	-	-	R	-	OX	WHI	W	P	-	S	-	G	v minor lim clay in vc sst
80.0	83.0	Te1b1	VS	M	IN	MU	-	-	-	R	-	OX	WHI	W	P	-	S	-	G	v minor lim clay & bleachd clay
83.0	87.9	Te1a	CO	-	–	–	-	-	-	A	-	OX	YGR	W	P	-	S	-	G	abund lim clay & bleachd clay
87.9	90.0	Te1a	CO	-	–	–	-	C	-	A	-	TR	LGR	W	P	-	S	-	G	lim & py in transitional zone to reduc
90.0	91.4	Te1a	CO	-	–	–	-	C	-	-	-	RU	DGR	W	M	-	S	-	G	dk grey to blk sand, abund py
91.4	102.0	Km	MU	-	–	–	-	-	-	-	-	RU	BLA	-	-	-	S	-	G	blue grey mudst, eoh 102m

Hole Number: CUM004

0.0	2.0	Q	SU	-	–	–	-	-	-	-	-	SO	BRO	-	-	-	S	-	G	brown sand & clay
2.0	9.0	Tnm	MU	-	–	–	-	-	-	-	-	SO	LGR	-	-	-	S	-	G	wth, hem flecked mudst, tr f sst
9.0	12.0	Tnm	MU	-	–	–	-	-	-	-	-	SO	YGR	-	-	-	S	-	G	wth, lt grey yellow mottl mudst
12.0	20.0	Tnm	MU	-	–	–	R	-	-	-	-	TR	LGR	-	-	-	S	-	G	lt grey yellow flecked mudst, a few streaks of organic mud, bleached? @ base

Dfrom	Dto	Geolunit	RK	MA	Rel	Mod	Org	Py	Hum	Lim	Cb	RX	Color	S	R	B	H	U	S	Description
20.0	33.0	Tnm	MU	-	–	–	-	-	-	-	-	RU	DGR	-	-	-	S	-	G	mid-dk grey mudst, a few lt grey mottles
46.2	53.4	Tnm	MU	-	–	–	-	-	-	-	-	RU	LGR	-	-	-	S	-	G	lt-mid grey mudst, a few yellow mottles
53.4	56.0	Tnl	MU	C	IN	ZS	-	-	-	-	-	TR	LGR	-	-	-	S	-	G	lt grey mudst & f silty sand, yellow mottles
56.0	60.0	Tnm	MU	-	–	–	-	-	-	-	-	TR	LGR	-	-	-	S	-	G	lt grey mudst, str yellow mottles
61.4	64.8	Tnk	LM	-	–	–	-	-	-	-	A	OX	OWH	-	-	-	S	-	G	white-pale grey ox? bleached? mudst, minor mid grey unaltered patches, carb rock
64.8	68.0	Te2	MS	M	IN	MU	-	-	-	R	-	OX	LGR	M	W	-	S	-	P	lt grey med-c sst, tr lim crusts in f sst, thin beds off white bleached mudst with mid grey mottles
68.0	71.0	Te2	CS	M	IN	MU	-	-	-	R	-	OX	LGR	M	W	-	S	-	G	lt grey c sst, tr lim crusts, thin beds off white bleached mudst with mid grey mottles
71.0	74.0	Te1b3	CS	-	–	–	-	-	-	R	-	OX	OWH	M	M	-	S	-	G	lt grey bleached c sst, fel<<qtz, tr lim st, some white clay clots, some dk grey mudst (rip up clasts?), tending vc @ base
74.0	77.4	Te1b3	CS	-	–	–	-	-	-	R	-	OX	OWH	M	M	-	S	-	G	bleached c-vc sst, fel<<qtz, tr lim st & crusts, some bleached pinkish clay clots after organic mudst, some mm grains
77.4	81.0	Te1b2	VS	-	–	–	-	-	-	R	-	OX	OWH	M	M	-	S	-	G	bleached vc sst, fel<<qtz, tr lim st & crusts, some bleached pinkish clay clots, freq mm grains, base of sst unit? clay break @ top elog
81.0	83.4	Te1b1	MS	-	–	–	-	-	-	R	-	OX	OWH	W	W	-	S	-	G	med sst, top of unit?, rare lim st, rare clay clots
83.4	90.2	Te1a	VS	-	–	–	-	M	R	-	-	RU	DGR	M	M	-	S	-	G	vc reduc sst, dk grey lithic grains (gn?), rare red chert, f gd py cement, a few <mm chips humic material, rare mm pebs
90.2	96.0	Km	BA	-	–	–	-	-	-	-	-	RU	BLA	-	-	-	S	-	G	blk mudst, eoh 96m

Hole Number: CUM005

0.0	4.0	Q	SU	-	–	–	-	-	-	-	-	SO	BRO	-	-	-	S	-	G	brown/tan surface sand
4.0	10.0	Tnm	MU		–	–	-	-	-	-	-	SO	YGR	-	-	-	S	-	G	lim & hem st from surface
10.0	18.0	Tnm	MU		–	-	R	-	-	M	-	TR	YGR	-	-	-	S	-	G	lim yellow, lt grey mudst, occas organic streaks
18.0	24.0	Tnm	MU		–	–	M	-	-	M	-	RU	DGR	-	-	-	S	-	G	dk grey-blk seams in mudst, some surficial lim st
24.0	26.0	Tnm	MU	M	IN	FS	-	-	-	M	-	TR	YGR	-	-	-	S	-	G	lim st in lt grey clays,minor sst (elog)
26.0	30.0	Tnm	MU		–	–	M	-	-	-	-	RU	DGR	-	-	-	S	-	G	blk seams in dk clays some lim st
30.0	35.0	Tnm	MU	M	IN	FS	R	-	-	-	-	RU	LGR	-	-	-	S	-	G	blk seams in lt grey clays some lim st minor sand (elog)
36.3	41.0	Tnm	MU	M	IN	ZI	M	-	-	-	-	RU	DGR	-	-	-	S	-	G	blk seams in dgr clays some lim st, some sst
42.5	44.1	Tnm	MU	M	–	–	-	-	-	-	-	RU	DGR	-	-	-	S	-	G	dk grey clays
47.0	55.0	Tnm	MU	M	IN	SZ	M	-	-	-	-	RU	DGR	-	-	-	S	-	G	interbeds of blk silty sand in dk grey clays, very minor lim coating on some clay
56.9	61.0	Tnm	MU	-	–	–	-	-	-	-	M	RU	LGR	-	-	-	S	-	G	lt grey clay, v minor lim coating on some clay, carb?
63.0	65.0	Tns	LM	-	–	–	-	-	-	M	A	OX	OWH	-	-	-	S	-	G	rare organic seams in lim & bleached clays, carb rich
65.0	71.0	Te2	MS	M	IN	ZI	-	-	-	M	-	OX	OWH	W	M	-	S	-	G	some lim clays & lim coating on qtz grains, med sst, some c sst, zst bands (elog)
76.0	79.0	tE1B2	CS	M	FU	ZI	-	-	-	M	-	OX	OWH	M	M	-	S	-	G	some minor lim clays in cs to vs, minor lim coating on qtz grains
86.0	90.0	Te1A1	CS	-	FU	–	M	R	-	-	-	RU	DGR	W	M	-	S	-	G	finer than sand above, less organics & py but still dk grey qtz
90.0	96.0	Km	BA	-	–	–	-	-	-	-	-	RU	BLA	-	-	-	S	-	G	blue/dk grey mudst, eoh 96m

Hole Number: CUM006

0.0	2.0	Q	SU	-	-	-	-	-	-	-	-	SO	BRO	-	-	-	S	-	G	brown sand/clay
2.0	8.0	Tnm	MU	-	-	-	-	-	-	-	-	SO	LGR	-	-	-	S	-	G	wth hem st lt grey mudst
8.0	12.0	Tnm	MU	-	-	-	-	-	-	-	-	SO	YGR	-	-	-	S	-	G	str yellow st on lt grey mudst
22.0	32.8	Tnm	MU	-	–	–	M	-	-	-	-	RU	DGR	-	-	-	S	-	G	dk grey organic mudst
35.0	42.8	Tnm	MU	M	IN	SZ	-	-	-	-	-	TR	YGR	-	-	-	S	-	G	part ox yellow mott lt-mid grey mudst & thin seams of ox fine sandy silt
45.2	54.0	Tnm	MU	-	–	–	-	-	-	-	-	TR	LGR	-	-	-	S	-	G	lt-mid grey mudst, minor yellow mott, some reduc dk grey mudst, patch montronite clay @ 40m, bleached @ base
54.8	56.0	Tn1	FS	-	–	–	-	-	-	-	-	RU	DGR	-	-	-	S	-	G	minor f sand

Dfrom	Dto	Geolunit	RK	MA	Rel	Mod	Org	Py	Hum	Lim	Cb	RX	Color	S	R	B	H	U	S	Description
56.0	59.8	Tnm	MU	-	–	–	-	-	-	-	C	RU	LGR	-	-	-	S	-	G	yellow mott lt-mid grey mudst, in parts off white bleached, carb rich
62.2	64.0	Tnk	LM	M	??	SI	-	-	-	-	A	TR	LGR	-	-	-	M	-	G	mainly grey to bleached white mudst, a few harder silcrete? bands, harder drilling, carb rich
64.0	65.8	Tnm	MU	-	–	–	-	-	-	-	-	RU	DGR	-	-	-	S	-	G	dk greenish grey mudst, base of namba
65.8	70.0	Te2	MS	C	IN	MU	-	-	-	R	-	OX	OWH	M	M	-	S	-	P	bleached med sst, minor c, fel<<qtz, rare lim crusts, some bands bleached mudst
70.0	76.0	Te1b3	CS	-	–	–	-	-	-	M	-	OX	OWH	M	M	-	S	-	G	c sst, minor vc, lithic<fel<<qtz, some white bleached clay, tr greenish clay, tr lim crusts & lim st on mudst seams/gulls?
76.0	80.0	Te1b2	VS	-	–	–	-	-	-	M	-	OX	OWH	P	M	-	S	-	G	vc sst, abund grit, lithic<fel<<qtz, some white bleached clay, tr greensih clay, tr lim crusts & lim st on mud clots
84.0	95.0	Te1a	VS	-	–	–	C	R	R	-	-	RU	DGR	P	M	-	S	-	G	vc sst, abund grit, lithic<fel<<qtz, abund dk brown humic matter, tr py, dk humic st on qtz grains, dk lithic grains, a few mm pebs, brown clay
95.0	102.0	Km	BA	-	–	–	-	-	-	-	-	RU	BLA	-	-	-	S	-	G	blk mudst, eoh 102m

Hole Number: CUM007

Dfrom	Dto	Geolunit	RK	MA	Rel	Mod	Org	Py	Hum	Lim	Cb	RX	Color	S	R	B	H	U	S	Description
0.0	4.0	Q	SU	-	–	–	-	-	-	-	-	SO	BRO	-	-	-	S	-	G	surface sand & soil, no good elogs
4.0	10.0	Tnm	MU	-	–	–	-	-	-	M	-	SO	YGR	-	-	-	S	-	G	yellow-grey surface ox clay & minor lim & hem st & crusts
10.0	20.0	Tnm	MU	-	–	–	R	-	-	M	-	TR	YGR	-	-	-	S	-	G	yellow grey clay minor lim st & rare organic streaks in thin interbeds of dk clay
20.0	24.0	Tnm	MU	-	–	–	R	-	-	-	-	RU	DGR	-	-	-	S	-	G	v dk clay with some organic streaks & v minor lim coating on 5% clay
24.0	26.0	Tnm	MU	-	–	–	R	-	-	M	-	TR	YGR	-	-	-	S	-	G	trans clay, minor lim coating on 15% of lt grey clays
26.0	32.0	Tnm	MU	-	–	–	M	-	-	-	-	RU	DGR	-	-	-	S	-	G	dk clays with some organic clays, minor py?
32.0	36.0	Tn3p	MU	M	IN	ZI	C	-	-	R	-	RU	DGR	-	-	-	S	-	G	mainly dk grey clays with common organic seams of silty sand, minor lim st on lt grey clays
36.0	52.0	Tnm	MU	-	-	-	R	-	-	M	-	TR	YGR	-	-	-	S	-	G	yellow grey mudst with some bleached white clays, minor organic streaks in non bleached clays
52.0	54.0	Tnm	MU	-	–	–	-	-	-	-	A	OX	OWH	-	-	-	S	-	G	white bleached clays, carb rich
54.0	58.0	Tn1	MU	C	IN	FS	C	R	-	-	-	RU	DGR	-	-	-	S	-	G	v dk grey clay with common blk organic material in silty f sst
58.0	60.0	Tnm	MU	-	-	-	-	-	-	R	-	TR	YGR	-	-	-	S	-	G	dominated by lim coated lt grey clays
60.0	66.0	Tnk	LM	-	–	–	-	-	-	R	A	OX	OWH	-	-	-	S	-	G	lt grey clays & bleached clays very minor lim st clay, close to top of eyre?, carb rich
66.0	76.0	Te2	CS	-	-	-	-	-	-	R	-	OX	OWH	M	M	-	S	-	G	clean white to off white med to mainly c sst, fels<<qtz, v minor lim coating
76.0	78.0	Teb3	CS	C	IN	MU	-	-	-	M	-	OX	OWH	M	M	-	S	-	G	common bleached white clay in med-c sst, fel<qtz
78.0	82.0	Te1b2	VS	-	–	–	-	-	-	R	-	OX	OWH	M	P	-	S	-	G	vc sand to grit, minor lim st on qtz grains
82.0	84.0	Te1b1	CS	-	–	–	R	R	-	M	-	TR	LGR	M	P	-	S	-	G	vc sand to grit, common organics & py, lim coating on qtz grains
84.0	88.0	Te1a2	VS	-	–	–	M	C	C	-	-	RU	DGR	M	P	-	S	-	G	common humic st on qtz, py, some organic matter, brown clays, vc sand
88.0	93.0	Te1a1	CO	-	–	–	C	C	M	-	-	RU	DGR	M	W	-	S	-	G	common humic st on qtz, py, some organic matter, brown clay, vc-grit, some larger pebs
93.0	102.0	Km	BA	-	–	–	-	-	-	-	-	RU	BLA	-	-	-	S	-	G	blue grey mudst, eoh 102m

Hole Number: CUM008

Dfrom	Dto	Geolunit	RK	MA	Rel	Mod	Org	Py	Hum	Lim	Cb	RX	Color	S	R	B	H	U	S	Description
0.0	8.0	Tnm	MU	-	–	–	-	-	-	-	-	SO	LGR	-	-	-	M	-	G	wth hem st mudst, slightly harder silic? in patches, thin veneer of soil, no good elogs
8.0	22.0	Tnm	MU	-	-	-	-	-	-	-	-	TR	YGR	-	-	-	S	-	G	lt-mid grey, yellow mottles, transitional mudst
22.0	30.0	Tnm	MU	-	-	-	M	-	-	-	-	RU	DGR	-	-	-	S	-	G	mid grey reduc mudst, in part organic, minor yellow lim st only
30.0	34.0	Tn3p	MU	-	–	–	R	-	-	-	-	TR	LGR	-	-	-	S	-	G	lt grey mudst, minor organic streaks, somewhat bleached, lim alt of py? rich organic streaks
34.0	38.0	Tnm	MU	-	-	-	-	-	-	-	-	RU	DGR	-	-	-	S	-	G	lt-mid grey mudst, perhaps tr zst @ base
38.0	52.0	Tnm	MU	-	-	-	-	-	-	-	-	TR	YGR	-	-	-	S	-	G	lt grey yellow mott mudst, tr zst

Dfrom	Dto	Geolunit	RK	MA	Rel	Mod	Org	Py	Hum	Lim	Cb	RX	Color	S	R	B	H	U	S	Description
52.0	54.0	Tn1	MU	C	IN	FS	-	-	-	-	A	OX	LGR	-	-	-	S	-	G	lt grey bleached carb mudst, bands f-med sst
54.0	56.0	Tnm	MU	-	–	–	M	-	-	-	-	TR	YGR	-	-	-	S	-	G	lt grey yellow mott mudst, moderate amount organic mudst
56.0	58.0	Tnk	LM	C	MX	SI	M	-	-	-	A	OX	OWH	-	-	-	M	-	G	off white, wk silic, bleached mudst, some remnant yellow grey mudst, carb rich
58.0	63.0	Tnm	MU	-	–	–	-	-	-	-	-	RU	DGR	-	-	-	S	-	G	dk grey mudst, in part green-grey
63.0	69.0	Te2	CS	C	IN	MU	-	-	-	R	-	TR	LGR	-	-	-	S	-	G	lt grey med-c sst, abund green-grey mudst, a few lim crusts, tr organic clay
69.0	72.0	Te2	CS	-	–	–	-	-	-	-	-	OX	OWH	M	W	-	S	-	G	white bleached c-vc sst, few % grit
72.0	73.0	Te2	MS	A	MX	SI	-	-	-	-	-	TR	WHI	W	W	-	H	-	G	changed to rk bit, hard white silic cemented med sst, above mud break, patches blk organic rich silic sst at top
73.0	74.0	Tem	MU	-	–	–	-	-	-	-	-	RU	DGR	-	-	-	S	-	G	mid-dk grey vc organic mudst break beneath silcrete
74.0	82.0	Te1b2	VS	-	–	–	-	-	-	R	-	OX	DGR	M	W	-	S	-	G	lt-mid grey vc sst, tr lim crusts, more lim st @ base, few % grit, fel<<qtz, some pinkish clay clots, minor dk grey clay
82.0	86.0	Te1b1	VS	C	MX	MU	A	R	A	-	-	RU	DGR	M	W	-	S	-	G	dk grey-dk brown vc sst, abund dk brown humic mud, green-grey mudst, few % grit to mm pebs, fel<<qtz
86.0	93.0	Te1a	VS	-	–	–	M	R	C	-	-	RU	DGR	M	W	-	S	-	G	dk grey-dk brown vc sst, green-grey mudst, 10% grit to mm pebs, chert<fel<<qtz grains, few mm frag py cement, mm py nodules, less grit @ base
93.0	96.0	Km	BA	-	–	–	-	-	-	-	-	RU	BLA	-	-	-	S	-	G	blk mudst, eoh 96m

Hole Number: CUM009

0.0	4.0	Q	SU	-	–	–	-	-	-	-	-	SO	BRO	-	-	-	S	-	G	wind blown surface sand, no good elogs
4.0	10.0	Tnm	MU	-	–	–	-	-	-	M	-	SO	LGR	-	-	-	S	-	G	lt grey with yellow & reddish brown lim & hem stained clays from surface ox
10.0	20.0	Tnm	MU	-	–	–	R	-	-	C	-	TR	YGR	-	-	-	S	-	G	grey clays with some lim st & coating, rare organic streaks in lt grey clays
20.0	24.0	Tnm	MU	-	–	–	M	-	-	-	-	RU	LGR	-	-	-	S	-	G	t lgrey clays with dk organic seams
24.0	30.0	Tnm	MU	M	IN	ZI	M	-	M	-	-	RU	DGR	-	-	-	S	-	G	much darker grey with silty interbeds of organic rich material & some brown humic clay
32.0	56.0	Tnm	MU	-	–	–	R	-	-	M	-	TR	YGR	-	-	-	S	-	G	both lim & organic streaks in lt grey to yellow grey clay, some minor silty seams of blk py? rich clay
56.0	60.0	Tn1	MU	R	IN	FS	M	-	-	-	-	RU	DGR	-	-	-	S	-	G	blk organic seams in dk grey silt in dk grey clay
60.0	64.0	Tnk	LM	-	–	–	-	-	-	R	A	OX	OWH	-	-	-	S	-	G	bleached off white to white clay, ox? from top of eyre, some minor limonitic clay, carb rich
64.0	66.0	Tnm	MU	-	-	-	R	-	-	M	-	TR	LGR		-	-	S	-	G	lt grey clay, v minor organic material & some limonitic clay, lim coating on clay
66.0	70.0	Te2	MS	-	-	-	-	-	-	M	-	OX	OWH		-	-	S	-	G	off white to lt grey ox med-c sst, some yellow lim-bleached white & lgr clay, v minor lithic grains
70.0	76.0	Te1b3	CS	-	–	–	-	-	-	R	-	OX	OWH	M	M	-	S	-	G	f/u? sand from 76-68m, bleached white clays, fel<qtz
76.0	84.0	Te1b2	VS	-	–	–	-	-	-	R	-	OX	OWH	M	P	-	S	-	G	vc off white sands, some minor lim clay & lim coating on qtz grains, fel<<qtz
84.0	86.0	Te1b1	VS	-	–	–	R	-	R	M	-	TR	OWH	M	P	-	S	-	G	lim clays & minor organic humic st on qtz grains, lithics<fel<qtz
86.0	90.0	Te1a	VS	-	–	–	M	M	-	A	-	TR	DGR	P	P	-	S	-	G	abund lim clay & lim coating on qtz grains, common humic clay, rare pyritic pebbles (>2mm) from silic basement mudst
90.0	94.0	Te1a	VS	-	–	–	C	C	-	-	-	RU	DGR	M	P	-	S	-	G	common py and some organics & humic staining on qtz, lithics=fel<qtz
94.0	102.0	Km	MU	-	–	–	-	-	-	-	-	RU	BLA	-	-	-	S	-	G	blue grey mudst, eoh 102m

Hole Number: CUM010

0.0	3.0	Q	SU	-	–	–	-	-	-	-	-	SO	BRO	-	-	-	S	-	G	sand & clay, no good elogs
3.0	8.0	Tnm	MU	-	–	–	-	-	-	-	-	SO	LGR	-	-	-	S	-	G	@ 6m poor sample, wth red flecked grey mudst
8.0	12.0	Tnm	MU	-	–	–	-	-	-	-	-	RU	DGR	-	-	-	S	-	G	mid grey mudst, somewhat surface wth/ox
12.0	32.0	Tnm	MU	-	–	–	-	-	-	-	-	TR	YGR	-	-	-	S	-	G	lt grey yellow mott mudst, some parts dk grey

Dfrom	Dto	Geolunit	RK	MA	Rel	Mod	Org	Py	Hum	Lim	Cb	RX	Color	S	R	B	H	U	S	Description
32.0	34.0	Tn3	MU	M	IN	FS	-	-	-	-	-	OX	YGR	-	-	-	S	-	G	str yellow mott lt grey mudst, wk bleached, thin? bands of white ox? f-med sst
34.0	40.0	Tnm	MU	-	–	–	-	-	-	-	-	RU	DGR	-	-	-	S	-	G	dk grey reduc mudst
40.0	52.0	Tnm	MU	-	–	–	-	-	-	-	-	TR	YGR	-	-	-	S	-	G	yellow mott lt grey mudst varying to mid grey, poss tr zst
52.0	54.0	Tnm	MU	-	–	–	-	-	-	-	A	TR	OWH	-	-	-	S	-	G	off white bleached, lim st mudst after? blk organic rich mudst
54.0	58.0	Tn1	MU	M	IN	FS	-	-	-	-	-	TR	DGR	-	-	-	S	-	G	yellow flecked dk grey mudst & thin? ox f sst bands
58.0	61.0	Tnk	LM	-	–	–	-	-	-	-	A	OX	WHI	-	-	-	M	-	G	white bleached carb mudst, tr yellow mott, somewhat harder drilling, wk silic?
61.0	66.0	Tnm	MU	R	MX	ZI	-	-	-	-	-	RU	DGR	-	-	-	S	-	G	dk grey mudst, tr silty material, some bleached, minor carb
66.0	70.0	Te2	CS	C	IN	MU	-	-	-	M	-	OX	OWH	W	W	-	S	-	G	white ox c sst, fel<<qtz, minor crusts lim, some green-grey mudst
70.0	74.0	Te1b3	CS	-	–	–	-	-	-	M	-	OX	OWH	W	W	-	S	-	G	white ox c sst, fel<<qtz, minor crusts lim
74.0	80.0	Te1b2	VS	-	–	–	-	-	-	M	-	OX	OWH	M	W	-	S	-	G	white ox c-vc sst, fel<<qtz, minor crusts lim, minor pinkish clay after bleached organic mud
80.0	86.0	Te1b1	MS	M	IN	VS	-	-	-	C	-	OX	OWH	P	W	-	S	-	G	white ox med sst, minor c-vc grains, fel<<qtz, freq crusts lim & clots lim st clay, abund lim st qtz grains
86.0	90.0	Te1a	MS	M	IN	VS	-	-	-	A	-	OX	YEL	P	W	-	S	-	G	yellowish med sst, minor c-vc grains, fel<<qtz, abund lim st qtz grains
90.0	95.0	Te1a	VS	-	–	–	M	C	C	-	-	RU	DGR	P	W	-	S	-	P	vc reduc sst, py cemented frags, common organic st grains, some dk brown organic mud, prob transitional @ top
95.0	102.0	Km	BA	-	–	–	-	-	-	-	-	RU	BLA	-	-	-	S	-	P	blk mudst, eoh 102m

Hole Number: CUM011

0.0	2.0	Q	SU	-	–	–	-	-	-	-	-	SO	BRO	-	-	-	S	-	G	surface wind blown sand, no good elogs
2.0	8.0	Tnm	MU	-	–	–	-	-	-	M	-	SO	LGR	-	-	-	S	-	G	lim & hem st from surface ox, mainly lt grey to pink hem clays
8.0	20.0	Tnm	MU	-	–	–	R	-	-	M	-	TR	YGR	-	-	-	S	-	G	yellow grey mudst, some blk organic seams, slightly silty in part throughout the clay, lim st on clay
20.0	28.0	Tnm	MU	-	–	–	R	-	-	-	-	RU	LGR	-	-	-	S	-	G	lt grey clay, some minor dk grey seams & organic streaks
28.0	34.0	Tn3p	MU	M	IN	ZI	M	-	-	R	-	TR	YGR	-	-	-	S	-	G	yellow grey clay, rare organic streaks in silty seams, py? silt
34.0	40.0	Tnm	MU	-	-	-	M	-	-	-	-	RU	DGR	-	-	-	S	-	G	minor darker blk clay/silt in dk grey clays, py silt unit absent
40.0	58.0	Tnm	MU	M	IN	ZI	M	-	-	R	M	TR	YGR	-	-	-	S	-	G	minor darker organics brown/blk mud, generally yellow grey clays with lim coating on clays, minor carb
58.0	62.0	Tnk	LM	-	–	–	-	-	-	-	A	OX	OWH	-	-	-	H	-	G	white bleached clays & some silcrete, very hard band approx 25cm thick, some lt grey clays, carb rich
62.0	66.0	Tnm	MU	C	IN	MS	R	-	-	-	-	RU	DGR	-	-	-	S	-	G	base namba, mainly clays with interbeds of med sst, clays are reduc dk grey
66.0	74.0	Te2	CS	-	-	-	-	-	-	R	-	OX	OWH	W	M	-	S	-	G	minor lim clays, str yellow coated qtz, mainly clean white to off white fel<qtz sand
74.0	76.0	Te1b3	VS	-	–	–	-	-	-	R	-	OX	OWH	M	P	-	S	-	G	vc sands minor lim clay & staining on qtz grains very minor lithics, fel<qtz
76.0	80.0	Te1b2	CS	-	–	–	-	-	-	M	-	OX	OWH	M	M	-	S	-	G	some lim coating on qtz grains increasing with depth, close to front?, very yellow qtz towards 80m
80.0	86.0	Te1b1	VS	-	–	–	-	-	-	C	-	OX	YEL	M	P	-	S	-	G	yellow lim coated qtz grains, adj to front, off white fel & qtz
86.0	90.0	Te1	VS	-	-	-	M	A	-	-	-	RU	DGR	M	P	-	S	-	G	abund py cemented qtz grains, up to 1cm pebs, large blk/dk grey qtz pebbles, minor lithics & fel
90.0	92.0	Te1a	CS	-	–	–	M	M	-	-	-	RU	DGR	M	M	-	S	-	G	much less py & finer grained sand, lithic frags<fel<qtz, minor organic material
92.0	102.0	Km	MU	-	–	–	-	-	-	-	-	RU	BLA	-	-	-	S	-	G	blue grey mudst, eoh 102m

Hole Number: CUM012

0.0	3.0	Q	SU	-	–	–	-	-	-	-	-	SO	BRO	-	-	-	S	-	G	brown dune sand & clay, no good elogs
3.0	12.0	Tnm	MU	-	–	–	-	-	-	-	-	SO	LGR	-	-	-	S	-	G	red hem mott grey mudst, slightly silic @ top, less mott @ base
12.0	16.0	Tnm	MU	-	–	–	-	-	-	-	-	SO	YGR	-	-	-	S	-	G	yellow mott lt grey mudst, surface ox?
16.0	24.0	Tnm	MU	-	–	–	-	-	-	-	-	TR	YGR	-	-	-	S	-	G	yellow mott lt grey mudst

Dfrom	Dto	Geolunit	RK	MA	Rel	Mod	Org	Py	Hum	Lim	Cb	RX	Color	S	R	B	H	U	S	Description
24.0	32.0	Tnm	MU	-	–	–	-	-	-	-	-	RU	DGR	-	-	-	S	-	G	mid-dk grey reduc mudst, patches yellow lim mott, tr streaks of organic mud
32.0	36.0	Tnm	MU	-	–	–	-	-	-	-	-	TR	YGR	-	-	-	S	-	G	yellow mott lt grey mudst
36.0	42.0	Tnm	MU	-	–	–	-	-	-	-	-	RU	DGR	-	-	-	S	-	G	grey reduc mudst, minor streaks organic matter
42.0	44.0	Tn2	ZS	M	IN	MU	-	-	-	C	-	OX	YGR	-	-	-	S	-	G	bands silty f sst with str lim st on qtz grains and some mudst
54.0	58.0	Tn1	MU	M	IN	ZS	-	-	-	M	A	OX	LGR	-	-	-	S	-	G	bleached mudst, tr remnant py-organic zst, minor thin? bands silty f sst with str lim st on qtz grains, some lt-mid grey wk organic unbleached mudst
58.0	60.0	Tnm	MU	-	–	–	-	-	-	-	A	TR	YGR	-	-	-	S	-	G	str yellow lim st on mid grey organic mudst
60.0	64.0	Tnk	LM	-	–	–	-	-	-	-	-	OX	WHI	-	-	-	S	-	G	bleached carb mudst, minor yellow st, @ base lt-mid grey remnants
64.0	72.0	Te2	MS	C	IN	MU	-	-	-	M	-	OX	OWH	W	W	-	S	-	G	interbeds med-c sst & green-grey mudst, poss fining up sequ's, minor lim crusts, fel<<qtz, coarser & less mudst @ base, some pinkish bleached clay
72.0	85.0	Te1b	CS	-	–	–	-	-	-	M	-	OX	OWH	M	W	-	S	-	G	c ox sst, some mid grey & bleached mudst, minor lim crusts, vc @ base, fel<<qtz
85.0	86.0	Tem	MU	-	–	–	-	-	-	-	-	RU	DGR	M	W	-	S	-	G	mid grey mudst break
86.0	90.0	Te1a	VS	-	–	–	-	-	-	C	-	OX	OWH	M	W	-	S	-	G	vc ox sst, lim st qtz grains, lim crusts, frags bleached clay, few % grit, fel<<qtz
90.0	93.0	Te1a	CS	-	–	–	-	-	-	A	-	OX	YEL	P	W	-	M	-	G	c ox yellowish sst, abund yellow lim st on qtz & fel grains, tending to med
93.0	94.0	Te1a	CS	-	–	–	-	-	-	C	-	OX	YGR	P	W	-	S	-	G	c ox sst, few % vc & grit, mid grey clay break @ base?, some lim st on grains
94.0	96.0	Te1a	CS	M	PO	QZ	M	C	C	-	-	RU	DGR	P	W	-	S	-	G	c reduc sst, mm-cm pebs, both qtz & lithic, str humic st, py cement frags, some dk brown organic mud
96.0	102.0	Km	BA	-	–	–	-	-	-	-	-	--	—	-	-	-	S	-	G	blk mudst, eoh 102m

Hole Number: CUM013

0.0	2.0	Q	SU	-	–	–	-	-	-	-	-	SO	BRO	-	-	-	S	-	G	wind blown surface sand, no good elogs
2.0	12.0	Tnm	MU	-	–	–	-	-	-	R	-	SO	LGR	-	-	-	S	-	G	pinky grey hem st surface ox
12.0	38.0	Tnm	MU	-	–	–	M	-	-	R	-	TR	YGR	-	-	-	S	-	G	lt grey clays with variable amounts yellow mottles & organic streaks
38.0	40.0	Tn3	MU	-	–	–	M	-	-	R	-	RU	DGR	-	-	-	S	-	G	much less lim in dk grey clay, blk seams of py? silt
40.0	48.0	Tnm	MU	-	–	–	M	-	-	M	-	TR	YGR	-	-	-	S	-	G	strong lim st on lt grey clay, also organic seams
48.0	50.0	Tn2	MU	M	IN	CS	M	-	-	M	-	TR	YGR	-	-	-	S	-	G	some c sst bands? in lt grey clays with yellow mottles
50.0	56.0	Tnm	MU	-	-	-	M	-	-	M	-	TR	YGR	-	-	-	S	-	G	lt grey clays with yellow mott & minor organic streaks
56.0	58.0	Tn1	MU	C	IN	FS	-	-	-	M	-	OX	OWH	-	-	-	S	-	G	ox f-med sst, some st lim yellow, rare soft lim clay
58.0	60.0	Tnm	MU	-	–	–	C	-	-	M	-	TR	YGR	-	-	-	S	-	G	yellow grey clays, increased organic content within mottled clays
60.0	64.0	Tnk	LM	-	–	–	R	-	-	M	C	TR	YGR	-	-	-	S	-	G	some white bleached carb clay in mainly lim yellow to lt grey mott clay
64.0	68.0	Tnm	MU	-	–	–	R	-	-	-	-	RU	DGR	-	-	-	S	-	G	thin 2m band of dk grey reduc clay, some blk organic seams
68.0	72.0	Te2	MS	-	–	–	-	-	-	R	-	OX	OWH	M	W	-	S	-	G	mix white ox clay & soft lim clay, also lt grey clay remnant?, off white qtz grains
72.0	76.0	Te1b3	CS	-	–	–	-	-	-	R	-	OX	OWH	M	M	-	S	-	G	c sst, off white, fel<qtz, very minor lim st
76.0	84.0	Te1b2	VS	-	–	–	-	-	-	R	-	OX	OWH	M	P	-	S	-	G	vc fel/qtz sands, minor yellow lim clay
84.0	88.0	Te1b1	VS	-	–	–	C	C	C	-	-	RU	DGR	M	P	-	S	-	G	vc sst, reduc, abund humic silt and py cemented qtz grains, mm size qtz pebbles
88.0	92.0	Te1a	CS	-	–	–	C	M	M	-	-	RU	DGR	M	M	-	S	-	G	basal eyre sequ, c sst, humic, py & organics all present, abund grey qtz
92.0	96.0	Te1a	VS	-	–	–	M	M	M	-	-	RU	DGR	P	W	-	S	-	G	vc basal sand, mm size pebs milky & grey qtz, minor py cemented qtz grains
96.0	102.0	Km	MU	-	–	–	-	-	-	-	-	RU	BLA	-	-	-	S	-	G	blue grey mudst, eoh 102m

Hole Number: CUM014

0.0	3.0	Q	SU	-	–	–	-	-	-	-	-	SO	BRO	-	-	-	S	-	G	brown sand/clay, moderate SP log

Dfrom	Dto		Geolunt	RK	MA	Rel	Mod	Org	Py	Hum	Lim	Cb	RX	Color	S	R	B	H	U	S	Description
3.0	12.0		Tnm	MU	-	–	–	-	-	-	-	-	SO	LGR	-	-	-	S	-	G	wth red hem flecked mudst
12.0	22.0		Tnm	MU	-	–	–	-	-	-	-	-	TR	YGR	-	-	-	S	-	G	yellow mott lt grey mudst, at top poss tr zst, minor organic streaks
22.0	30.0		Tnm	MU	-	–	–	-	-	-	-	-	RU	LGR	-	-	-	S	-	G	lt grey mudst, minor organic streaks
30.0	34.0		Tn3p	MU	M	IN	ZI	M	-	-	-	-	TR	LGR	-	-	-	S	-	G	interbeds?, lt grey mudst & minor blk organic zst, minor yellow st
34.0	53.0		Tnm	MU	-	–	–	-	-	-	-	-	TR	YGR	-	-	-	S	-	G	yellow mott lt grey mudst, poss tr zst towards base, 36-40 poss reduc
53.0	56.4		Tn1	ZS	C	FU	LM	-	-	-	M	-	OX	OWH	-	-	-	S	-	G	interbeds?, bleached white carb mudst & silty f sst, tr lim st, ox
56.4	60.0		Tnm	MU	-	–	–	M	-	-	-	-	RU	BLA	-	-	-	S	-	G	blk organic mudst
62.0	64.0		Tnk	LM	-	–	–	-	-	-	-	A	OX	OWH	-	-	-	S	-	G	lt grey to white bleached @ base mudst, tr remnant organic mud, some mm chips of wk silic grey mudst, carb rich @ base
64.0	66.0		Tnk	LM	-	–	–	-	-	-	-	A	TR	LGR	-	-	-	S	-	G	lt grey to white bleached mudst, carb rich
66.0	72.0		Te2	MS	C	IN	MU	-	-	-	R	-	OX	OWH	M	W	-	S	-	G	bleached med sst & greenish grey mudst, some bleached white-pink clay, coarser @ base, tr lim crusts
72.0	82.0		Te1b	CS	-	–	–	-	-	-	R	-	OX	OWH	M	W	-	S	-	G	bleached c sst, tr bleached white-pink clay clots, rare lim st qtz grains, fel<<qtz
82.0	92.0		Te1a	VS	-	FU	–	-	-	-	A	-	OX	YGR	M	W	-	S	-	G	c-vc sst, fining up sequ, abund lim st on qtz/fel grains, 10% grit, few mm pebs
92.0	94.0		Te1a	VS	M	FU	MU	-	-	-	A	-	OX	YEL	M	W	-	S	-	G	at top thin mid grey mudst?, followed by vc sst, lim cemented, v str yellow st, @ base dk grey reduc
94.0	96.0		Te1a	VS	-	–	–	M	M	A	-	-	RU	DGR	M	W	-	S	-	G	vc reduc sst, abund humic st on qtz grains, last 1/2 sample contaminated
96.0	102.0		Km	BA	-	–	–	-	-	-	-	-	RU	BLA	-	-	-	S	-	G	blk mudst, eoh 102m

Hole Number: CUM015

0.0	2.0		Q	SU	-	–	–	-	-	-	-	-	SO	BRO	-	-	-	S	-	G	brown sand, moderate SP log
2.0	12.0		Tnm	MU	-	–	–	-	-	-	-		SO	LGR	-	-	-	S	-	G	wth red hem flecked grey mudst
12.0	21.6		Tnm	MU	-	–	–	-	-	-	-	-	TR	LGR	-	-	-	S	-	G	yellow mott @ top lt grey mudst
21.6	25.0		Tnm	MU	-	–	–	M	-	-	-	-	RU	LGR	-	-	-	S	-	G	lt-mid grey, blk organic streaked mudst and sand elog
25.0	30.0		Tnm	MU	-	–	–	-	-	-	-	-	TR	LGR	-	-	-	S	-	G	lt-mid grey, partly yellow lim mott
30.0	33.6		Tnm	MU	-	–	–	C	-	-	-	-	RU	DGR	-	-	-	S	-	G	mid-dk grey, partly blk organic mudst, wk yellow st
33.6	34.0		Tn3	ZS	-	–	–	-	-	-	-	-	RU	DGR	-	-	-	S	-	G	elog, poss pyritic unit(?)
54.0	58.4		Tn1	ZS	M	IN	MU	-	-	-	M	-	OX	LGR	-	-	-	S	-	G	lt-mid grey mudst, partly yellow mot in ox silty f sst, lim st qtz, lim crusts
58.4	60.0		Tnm	MU	-	–	–	-	-	-	-	M	TR	DGR	-	-	-	S	-	G	yellow mott dk grey mudst, tr carb nodules
60.0	62.0		Tnk	LM	R	IN	ZS	-	-	-	-	C	OX	OWH	-	-	-	S	-	G	bleached mudst, carb rich
64.0	66.0		Tns	LM	M	IN	ZS	-	-	-	-	A	TR	LGR	-	-	-	S	-	G	lt grey to part bleached carb rich mudst, bands?
66.0	71.2		Te2	MS	C	IN	MU	-	-	-	M	-	OX	LGR	P	W	-	S	-	P	bleached ox med sst, some c, interbeds partly white-pinkish bleached lt grey mudst, lim st on clay clots, lim crusts, 5 mudst bands elog
71.2	78.0		Te1b3	MS	-	–	–	-	-	-	M	-	OX	OWH	M	W	-	S	-	G	ox med sst, some c, tr pinkish clay mx, lim crusts
78.0	84.0		Te1b2	CS	-	–	–	-	-	-	M	-	OX	OWH	M	W	-	S	-	G	ox c sst, some vc, tr grit, tr pinkish clay mx, 7% lim crusts
84.0	86.0		Te1b1	VS	-	–	–	-	-	C	C	-	TR	YGR	M	W	-	S	W	G	upper limb of wing, mix str ox and reduc vc-grit sst, lithic<fel<<qtz
86.0	88.0		Te1b1	VS	-	–	–	R	-	M	A	-	TR	YEL	M	W	-	S	W	G	base of f/u sequ, mix v str ox & lesser amount reduc vc-grit sst, lim crusts, minor dk brown reduc mud
88.0	92.0		Te1a	VS	-	–	–	-	-	-	A	-	OX	YEL	M	W	-	S	-	G	med-vc sst, med @ top?, some well rounded grit, minor cherty grains, lim crusts
92.0	94.2		Te1a	VS	-	–	–	A	A	-	-	-	RU	DGR	M	W	-	S	-	G	vc-grit sst, v str reduc, abund humic st on qtz grains, abund py cement
94.2	102.0		Km	BA	-	–	–	-	-	-	-	-	RU	BLA	-	-	-	S	-	G	blk mudst, eoh 102m

Hole Number: CUM016

Dfrom	Dto	Geolunit	RK	MA	Rel	Mod	Org	Py	Hum	Lim	Cb	RX	Color	S	R	B	H	U	S	Description
0.0	4.0	Q	SU	-	–	–	-	-	-	-	-	SO	BRO	-	-	-	S	-	G	wind blown surface sand, surface ox, poor SP log
4.0	12.0	Tnm	MU	-	–	–	-	-	-	-		SO	LGR	-	-	-	S	-	G	pinky grey hem stained surface ox clay, very minor lim clay
12.0	32.0	Tnm	MU	-	–	–	R	-	-	M		TR	YGR	-	-	-	S	-	G	lim mottles in lt grey clays, minor organic seams & streaks
32.0	38.0	Tnm	MU	M	IN	ZI	C	R	-	M		TR	YGR	-	-	-	S	-	G	organic material & py? in silt layers within yellow grey lim mottled clay
38.0	45.2	Tnm	MU	M	IN	ZI	R	-	-	M	-	TR	YGR	-	-	-	S	-	G	mainly yellow grey mottled lim clay with some minor seams of dk grey-blk clay, occasionally silty blk clays
48.2	54.4	Tnm	MU	M	IN	ZI	C	-	-	M	-	TR	YGR	-	-	-	S	-	G	organic seams and streaks silty and mainly in lt grey-dk grey clays, some lim mottles, minor silicified clays, slightly harder
54.4	58.0	Tn1	ZI	M	IN	MU	M	-	-	M	M	TR	YGR	-	-	-	S	-	G	minor yellow mottles in lt grey clays
58.0	60.0	Tnm	MU	-	–	–	C	M	R	R	M	RU	DGR	-	-	-	S	-	G	much more organic material, humic clay & minor py nodules, common silty layers in clay
60.0	64.0	Tnk	LM	-	–	–	-	-	-	M	A	OX	OWH	-	-	-	S	-	G	bleached off white carb rich clay, very minor f sst
64.0	68.0	Te2	FS	C	IN	MU	-	-	-	M	-	OX	OWH	-	-	-	S	-	G	mainly f sands with some bleached off white clay
72.4	78.0	Te1bb	CS	-	–	–	-	-	-	R	-	OX	OWH	M	M	-	S	-	G	clean white to off white qtz sand, minor pale pink clays & ox py nodules
78.0	86.0	Te1b2	VS	-	–	–	-	-	-	R	-	OX	OWH	W	M	-	S	-	G	some rare lim clay & grey clay in fel<<qtz sand
86.0	88.0	Te1b1	VS	-	–	–	R	M	-	-	-	RU	DGR	M	P	-	S	-	G	some py & humic clays in grey to dk grey reduc sands, mm size qtz pebs, very rare lim clay
88.0	97.4	Te1a	VS	-	–	–	R	R	-	-	-	RU	DGR	W	M	-	S	-	G	grey to dk grey qtz, very minor py & humic clay, mm size qtz pebs, c @ top-vc @ base, occas lim clay
97.4	102.0	Km	BA	-	–	–	-	-	-	-	-	RU	BLA	-	-	-	S	-	G	blue grey mudst, eoh 102m

Hole Number: CUM017

0.0	4.0	Q	SU	-	–	–	-	-	-	-	-	SO	BRO	-	-	-	S	-	G	brown sand/clay, v poor elog
4.0	12.0	Tnm	MU	M	MX	SI	-	-	-	-		SO	LGR	-	-	-	S	-	G	wth red hem st mudst, wk silic in patches
12.0	22.0	Tnm	MU	-	–	–	-	-	-	-		TR	YGR	-	-	-	S	-	G	lt grey yellow mott mudst, more yellow st @ top, minor organic streaks
22.0	32.0	Tnm	MU	-	–	–	-	-	-	-		RU	LGR	-	-	-	S	-	G	lt-mid grey occasionly organic rich mudst, 22-24m str organic mud
32.0	34.4	Tnm	MU	-	–	–	-	-	-	-	-	TR	YGR	-	-	-	S	-	G	yellow lim mott lt grey mudst
34.4	40.0	Tn3	ZS	-	–	–	-	-	-	-	-	TR	YGR	-	-	-	S	-	G	yellow lim mott lt grey mudst & silty f ox sst
40.4	42.2	Tnm	MU	-	–	–	-	-	-	-	-	TR	YGR	-	-	-	S	-	G	yellow st, lt grey mudsst
58.0	62.0	Tnm	MU	-	–	–	-	-	-	-	C	OX	LGR	-	-	-	S	-	G	white bleached & lt grey unbleached mudst, minor blk organic mud remnant @ 60m
65.0	72.0	Te2	FS	C	IN	MU	-	-	-	M	-	OX	OWH	-	-	-	S	-	G	white f-med sst, bleached white carb rich & grey-green mudst, tr pink clay, minor lim crusts, more freq @ base
72.0	74.0	Te1b	MS	-	–	–	-	-	-	R	-	OX	OWH	W	W	-	S	-	G	med ox sst, minor bleached clays, tr lim st on clay clots, fel<<qtz
74.0	86.0	Te1b	CS	-	–	–	-	-	-	M	-	OX	OWH	W	W	-	S	-	G	c ox sst, minor bleached clays, tr lim st on clay clots, fel<<qtz, few % grit
86.0	90.0	Te1a	VS	-	–	–	-	-	-	C	-	OX	YGR	M	W	-	S	-	G	vc yellow st ox sst, few % grit to mm pebs, common yellow st qtz grains
90.0	95.0	Te1a	CS	-	–	–	-	-	A	-	-	RU	DGR	M	W	-	S	-	G	dk grey humic st reduc c sst, vc-grit @ base
95.0	102.0	Km	BA	-	–	–	-	-	-	-	-	RU	BLA	-	-	-	S	-	G	blk mudst, eoh 102m

Hole Number: CUM018

0.0	4.0	Q	SU	-	–	–	-	-	-	-	-	SO	BRO	-	-	-	S	-	G	wind blown surface sand,mod sp log
4.0	12.0	Tnm	MU	-	–	–	-	-	-	-		SO	LGR	-	-	-	S	-	G	lt grey pink hem-lim surface ox
12.0	24.0	Tnm	MU	-	–	–	M	-	-	M		TR	YGR	-	-	-	S	-	G	lim mottles in lt grey-yellow grey clay, some thin silt bands of blk py? & organic matter
24.0	32.0	Tnm	MU	-	–	–	-	-	-	-		RU	DGR	-	-	-	S	-	G	dk grey-blk clay
32.0	35.0	Tnm	MU	-	–	–	M	-	-	M	-	TR	YGR	-	-	-	S	-	G	lim mottles in lt grey clay, minor silt bands, blk organics
37.5	46.0	Tnm	MU	-	–	–	M	-	-	M	-	TR	YGR	-	-	-	S	-	G	some harder silic bands of clay, mainly lt grey-yellow grey clay

Dfrom	Dto	Geolunit	RK	MA	Rel	Mod	Org	Py	Hum	Lim	Cb	RX	Color	S	R	B	H	U	S	Description
48.0	54.0	Tnm	MU	-	–	–	M	-	-	M	-	TR	YGR	-	-	-	S	-	G	some blk silty clays in mainly yellow grey mottled clay, minor carb rich bleaching
62.0	64.0	Tnk	LM	-	–	–	-	-	-	-	A	OX	OWH	-	-	-	S	-	G	bleached white carb rich clays & lt grey clay, bottom of namba
64.0	66.0	Te2	FS	M	IN	ZI	-	-	-	R	-	OX	OWH	W	W	-	S	-	G	top of sand sequ, some silt (top of f/u sequ), clean qtz rich
66.0	74.0	Te2	MS	-	-	-	-	-	-	R		OX	OWH	M	M	-	S	-	G	med sands, very minor lim, off white clean qtz, minor fel, some ox py nodules
74.0	82.0	Te1b3	CS	-	–	–	-	-	-	R	-	OX	OWH	M	M	-	S	-	G	clean off white sands, mainly qtz & fel, rare lim clay
82.0	86.0	Te1b2	VS	-	–	–	-	-	-	R	-	OX	OWH	M	P	-	S	-	G	rare lim clay in clean qtz-fel vc sand
86.0	88.0	Te1b1	VS	-	–	–	-	-	-	A	-	OX	OWH	M	P	-	S	-	G	very limonitic qtz sand
88.0	92.0	Te1a	VS	C	IN	MU	-	-	A	-	-	RU	DGR	M	M	-	S	-	G	vc sand to grit, qtz grains up to several mm, abund humic clay, brown-blk
92.0	96.4	Te1a	VS	-	–	–	M	M	M	-	-	RU	DGR	P	W	-	S	-	G	vc sand with py & organic clay, mainy grey qtz, also very rounded lithic frags
96.4	102.0	Km	MU	-	–	–	-	-	-	-	-	RU	BLA	-	-	-	s	-	G	blue grey mudst, eoh 102m

Hole Number: CUM019

Dfrom	Dto	Geolunit	RK	MA	Rel	Mod	Org	Py	Hum	Lim	Cb	RX	Color	S	R	B	H	U	S	Description
0.0	4.0	Q	SU	-	–	–	-	-	-	-	-	SO	BRO	-	-	-	S	-	G	brown sand, clay @ base, mod sp log
4.0	12.0	Tnm	MU	-	–	–	-	-	-	-	-	SO	LGR	-	-	-	S	-	G	wth red hem mott grey mudst, clays disaggregate in water & flow into hole
12.0	22.0	Tnm	MU	-	–	–	-	-	-	-	-	TR	YGR	-	-	-	S	-	G	lt grey yellow mott mudst
22.0	32.0	Tnm	MU	-	–	–	M	-	-	-	-	RU	LGR	-	-	-	S	-	G	lt-mid grey party organic rich mudst, yellow st @ top
32.0	35.6	Tn3	MU	C	IN	FS	R	-	-	C	-	OX	YGR	-	-	-	S	-	G	lt grey yellow mott mudst & thin? bands off white ox f sst, lim st qtz grains
35.6	42.0	Tnm	MU	-	–	–	M	-	-	-	-	RU	LGR	-	-	-	S	-	G	lt-dk grey mudst, yellow mott @ top, blk organic @ base
43.0	46.0	Tn2	MU	C	MX	ZI	-	-	-	-	-	TR	YGR	-	-	-	S	-	G	lt grey yellow mott mudst, some zst
48.4	53.0	Tnm	MU	-	–	–	M	-	-	-	-	RU	DGR	-	-	-	S	-	G	dk grey organic mudst
58.0	61.2	Tnm	MU	-	–	–	M	-	-	-	M	TR	YGR	-	-	-	S	-	G	lt-mid grey, yellow mott, slighlly bleached mudst, organic rich @ base
61.2	63.6	Tns	FS	-	–	–	-	-	-	-	-	OX	OWH	-	-	-	S	-	G	elog, sand seam
63.6	66.4	Tnk	LM	-	–	–	M	-	-	-	A	TR	LGR	-	-	-	S	-	G	bleached white carb rich mudst and lt grey to greenish grey mudst
66.4	72.0	Te2	MS	C	IN	MU	-	-	-	M	-	OX	LGR	W	W	-	S	-	G	c-f f/u sequ, mostly med sst, bands grey-green & bleached white clay, lim crusts, lim st on clay clots
72.0	77.0	Te1b3	CS	-	FU	–	-	-	-	R	-	OX	OWH	M	W	-	S	-	G	vc-c f/u sequ, bleached ox sst, tr lim crusts, minor bleached clay clots, fel<<qtz, 10% grit @ base
77.0	79.2	Te1b2	CS	-	FU	–	-	-	-	R	-	OX	OWH	M	W	-	S	-	G	elog cycle(?)
79.2	84.8	Te1b1	CS	-	FU	–	-	-	-	R	-	OX	OWH	M	W	-	S	-	G	elog cycle(?)
84.8	88.0	Te1a	VS	-	–	–	M	-	-	C	-	TR	DGR	M	W	-	S	-	G	vc-grit dk grey transitional st, freq lim st qtz grains, fel<<qtz, minor organic mud
88.0	95.6	Te1a	VS	-	–	–	M	C	A	-	-	RU	DGR	M	W	-	S	-	G	vc-grit dk grey reduc sst, v str humic st, fel<<qtz, minor organic mud
95.6	102.0	Km	BA	-	–	–	-	-	-	-	-	RU	BLA	M	W	-	S	-	G	blk mudst, eoh 102m

Hole Number: CUM020

Dfrom	Dto	Geolunit	RK	MA	Rel	Mod	Org	Py	Hum	Lim	Cb	RX	Color	S	R	B	H	U	S	Description
0.0	4.0	Q	SU	-	–	–	-	-	-	-	-	SO	BRO	-	-	-	S	-	G	wind blown surface sand, good sp log
4.0	14.0	Tnm	MU	-	–	–	-	-	-	-		SO	LGR	-	-	-	S	-	G	t lgrey pink clay, hem-minor lim st from surface ox
14.0	24.0	Tnm	MU	R	IN	ZI	R	-	-	R	-	TR	YGR	-	-	-	S	-	G	lt grey yellow mott mudst with thin seams of organic silt @ base
24.0	32.0	Tnm	MU	-	-	-	M	-	R	-		RU	DGR	-	-	-	S	-	G	lt-dk grey reduc clay, rare lim st/coats, some blk streaks of organics & humic mud
32.0	42.6	Tnm	MU	-	–	–	M	-	-	R	-	TR	YGR	-	-	-	S	-	G	lt grey yellow mott mudst minor organic streaks
42.6	43.6	Tn2	MS	-	–	–	-	-	-	-	-	TR	YGR	-	-	-	S	-	G	elog, sand seam
43.6	46.4	Tnm	MU	-	–	–	-	-	-	-	-	TR	YGR	-	-	-	S	-	G	elog, mudst
46.4	48.8	Tn2	MS	-	–	–	-	-	-	-	-	TR	YGR	-	-	-	S	-	G	elog, sand seam

Dfrom	Dto	Geolunit	RK	MA	Rel	Mod	Org	Py	Hum	Lim	Cb	RX	Color	S	R	B	H	U	S	Description
48.8	52.0	Tnm	MU	-	–	–	M	-	-	R	-	TR	YGR	-	-	-	S	-	G	lt grey yellow mott mudst
52.0	53.0	Tnm	LM	-	–	–	-	-	-	-	C	OX	OWH	-	-	-	S	-	G	off white-lt grey carb rich bleached clay
53.0	58.8	Tn1	SZ	M	IN	MU	M	-	-	R	-	TR	YGR	-	-	-	S	-	G	darker reduc clay, sandyr silt beds, very black streaks after py? organics
58.8	62.0	Tnk	LM	-	–	–	-	-	-	-	C	OX	OWH	-	-	-	S	-	G	bleached clays, prob carb rich
62.0	66.0	Te2	ZS	M	IN	MU	-	-	-	-	-	OX	OWH	-	-	-	S	-	G	top? of the eyre, silt to vf sst with mudst layers, top? of f/u sequ
66.0	71.2	Tem	MU	M	IN	ZI	-	-	-	-	-	RU	DGR	-	-	-	S	-	G	blk clay, minor zst (elog)
71.2	78.0	Te1b3	FS	-	–	–	-	-	-	-	-	OX	OWH	W	W	-	S	-	G	vf sst, minor white bleached clay
78.0	84.0	Te1b2	CS	-	–	–	-	-	-	R	-	OX	OWH	M	M	-	S	-	G	minor lim & pinky clay in clean qtz fel sand, some lithics & rare lim coated qtz grains
84.0	86.0	Te1b1	CS	-	–	–	-	-	-	R	-	ox	OWH	m	M	-	s	-	G	base of unit(?) elog
86.0	90.0	Te1a2	CS	-	–	–	A	C	-	-	-	RU	DGR	M	M	-	S	-	G	elog, 2nd cycle(?)
90.0	94.6	Te1a1	CS	-	–	–	A	C	-	-	-	RU	DGR	M	M	-	S	-	G	c-vc dk brown-blk sand, abund humic mud & py nodules
94.6	102.0	Km	MU	-	–	–	-	-	-	-	-	RU	BLA	-	-	-	S	-	G	blue grey mudst, eoh 102m

Hole Number: CUM021

0.0	4.0	Q	SU	-	–	–	-	-	-	-	-	SO	BRO	-	-	-	S	-	G	sand & clay, good sp log
4.0	12.0	Tnm	MU	-	-	-	-	-	-	-		SO	LGR	-	-	-	S	-	G	wth red mott grey mudst, slightly silty, poss tr silic
12.0	22.0	Tnm	MU	-	-	-	-	-	-	-		TR	YGR	-	-	-	S	-	G	lt grey yellow mott mudst, few organic streaks
22.0	24.0	Tnm	ZI	-	–	–	-	-	-	-	-	TR	YGR	-	-	-	S	-	G	elog, zst?
24.0	28.0	Tnm	MU	-	–	–	M	-	-	-	-	TR	LGR	-	-	-	S	-	G	mid grey mudst, organic rich @ top, yellow st top & bottom
28.0	32.0	Tnm	MU	M	IN	ZS	R	-	-	-		TR	LGR	-	-	-	S	-	G	mid grey yellow mott mudst, some organic streaks, tr lim st silty sand
32.0	34.0	Tnm	MU	M	IN	ZS	-	-	-	-		OX	YGR	-	-	-	S	-	G	lt grey str yellow mott mudst, freq bands? lim st silty sst
34.0	36.4	Tnm	MU	R	MX	ZI	-	-	-	-	-	TR	LGR	-	-	-	S	-	G	lt-mid grey mudst, minor yellow mott
36.4	37.4	Tn3	SZ	-	–	–	-	-	-	-	-	TR	LGR	-	-	-	S	-	G	lt-mid grey zst
37.4	42.0	Tnm	MU	-	–	–	-	-	-	-	-	RU	LGR	-	-	-	S	-	G	mid grey mudst
42.0	43.6	Tn2	FS	-	–	–	-	-	-	-	-	TR	LGR	-	-	-	S	-	G	elog, sand seam
43.6	54.0	Tnm	MU	M	MX	ZI	-	-	-	-	-	TR	YGR	-	-	-	S	-	G	lt-mid grey yellow mott mudst, tending to silty towards base
54.6	58.2	Tn1	FS	M	IN	MU	-	-	-	-	C	TR	LGR	-	-	-	S	-	G	lt grey to wk bleached carb mudst & f sst, minor yellow mott
58.2	61.6	Tnm	MU	-	–	–	-	-	-	-	-	TR	YGR	-	-	-	S	-	G	dk grey-blk, yellow mott organic mudst, part ox, leached @ base
61.6	63.0	Tns	FS	-	–	–	-	-	-	-	-	TR	YGR	-	-	-	S	-	G	elog, sand seam
63.0	64.4	Tnm	LM	C	MX	SI	-	-	-	-	A	OX	WHI	-	-	-	H	-	G	hard silic v str bleached ox mudst, carb rich
64.4	69.6	Tnm	MU	C	IN	FS	-	-	-	R	M	TR	LGR	W	W	-	S	-	G	bleached f ox sst & bleached white-lt grey mudst tending to greenish grey @ base, carb rich
69.6	73.0	Te2	MS	C	IN	MU	-	-	-	R	-	TR	LGR	P	W	-	S	-	G	med ox sst & lt grey mudst, minor c grains, some lim st clay clots
73.0	78.0	Te1b3	CS	-	FU	–	-	-	-	R	-	OX	OWH	M	W	-	S	-	G	c ox sst, minor vc grains, coarser to base, some lim st clay clots, some pinkish clay, fel<<qtz
78.0	84.0	Te1b2	VS	-	–	–	-	-	-	R	-	OX	OWH	P	W	-	S	-	G	vc-grit ox sst, minor lim crusts
84.0	86.0	Te1b1	VS	-	–	–	M	-	M	M	-	TR	YGR	M	W	-	S	-	G	vc-grit ox sst, mm frag lim crusts, some brown-bk organic mud, lim st on qtz grains, humic st as well, transitional
86.0	90.0	Te1a2	VS	-	–	–	R	C	A	-	-	RU	DGR	M	W	-	S	-	G	elog, 2nd cycle
90.0	94.4	Te1a1	VS	-	–	–	R	C	A	-	-	RU	DGR	M	W	-	S	-	G	vc-grit sst, mm frag py cement, abund humic, a few mm rounded pebs
94.4	102.0	Km	BA	-	–	–	-	-	-	-	-	RU	BLA	-	-	-	S	-	G	blk mudst, eoh 102m

Hole Number: CUM022

0.0	4.0	Q	SU	-	–	–	-	-	-	-	-	SO	BRO	-	-	-	S	-	G	wind blown surface sand, mod sp log
4.0	14.0	Tnm	MU	-	–	–	-	-	-	-	-	SO	LGR	-	-	-	S	-	G	lt grey-pink hem st mudst-zst, some minor lim st
14.0	28.0	Tnm	MU	-	–	–	R	-	-	-		TR	YGR	-	-	-	S	-	G	lt grey yellow mott mudst, streaks organic matter

Dfrom	Dto		Geolunit	RK	MA	Rel	Mod	Org	Py	Hum	Lim	Cb	RX	Color	S	R	B	H	U	S	Description
28.0	32.0	Tnm		MU	-	–	–	M	-	-	-		RU	DGR	-	-	-	S	-	G	much darker blk-grey mudst, some organic rich seams
32.0	36.6	Tnm		MU	-	–	–	R	-	-	R	-	TR	YGR	-	-	-	S	-	G	lt grey yellow mott mudst, some organic streaks
36.6	38.0	Tn3		FS	-	–	–	-	-	-	-	-	TR	YGR	-	-	-	S	-	G	elog, sand seam
38.0	42.8	Tnm		MU	-	–	–	M	-	-	-	-	RU	DGR	-	-	-	S	-	G	mid-dk grey mudst, partly organic rich
42.8	48.4	Tn2		MU	C	IN	FS	-	-	-	-	-	TR	YGR	-	-	-	S	-	G	prob ox yellow sands and grey mudst
48.4	52.0	Tnm		MU	-	–	–	M	-	-	M	-	TR	YGR	-	-	-	S	-	G	lt grey yellow mott mudst, minor organic streaks
52.0	54.0	Tnm		LM	-	–	–	-	-	-	-	A	OX	OWH	-	-	-	M	-	G	bleached white clays, minor silcrete
54.0	59.2	Tn1		ZS	M	IN	MU	M	-	-	-	-	RU	DGR	-	-	-	S	-	G	grey-blk organic mudst and silty sand(?) elog
59.2	62.0	Tnk		LM	M	MX	SI	-	-	-	-	A	OX	OWH	-	-	-	S	-	G	white bleached carb rich clay, silc in parts
62.0	64.0	Tns		FS	-	–	–	-	-	-	-	-	OX	OWH	-	-	-	S	-	G	elog, sst band
64.0	68.0	Tnm		MU	M	IN	FS	-	-	-	-	-	TR	LGR	-	-	-	S	-	G	yellow lim st mudst and f sst bands
68.0	71.0	Te2		MS	-	–	–	-	-	-	R	-	OX	OWH	W	W	-	S	-	G	med sand with minor silt layers, some rare yellow lim clay & pinkish clay, sand coarser at bottom
71.0	84.0	Te1b		CS	-	FU	–	-	-	-	R	-	OX	OWH	M	W	-	S	-	G	c-vc ox sand, rare lim coating on qtz, lim clay, also rare pinkish clay
83.0	89.2	Te1a2		VS	-	–	–	-	-	-	A	-	OX	OWH	M	P	-	S	-	G	orange and yellow lim coating on 50% qtz grains, close? to front, v minor ox py nodules
89.2	95.2	Te1a1		VS	-	–	–	C	C	-	-	-	RU	DGR	P	M	-	S	-	G	dk grey sands, some mm size qtz & lithic frags, common humic mud & py, basal sand
95.2	102.0	Km		BA	-	–	–	-	-	-	-	-	RU	BLA	-	-	-	S	-	G	blk mudst, eoh 102m
Hole Number:			**CUM023**																		
0.0	3.0	Q		SU	-	-	-	-	-	-	-		SO	BRO	-	-	-	S	-	G	sandy soil
3.0	12.0	Tnm		MU	-	-	-	-	-	-	-		SO	LGR	-	-	-	S	-	G	wth red hem st grey mudst
12.0	22.0	Tnm		MU	-	-	-	R	-	-	-		TR	YGR	-	-	-	S	-	G	lt grey yellow mott mudst, @ 20m organic streaks & str yellow st
22.0	30.0	Tnm		MU	-	-	-	C	-	-	-		RU	DGR	-	-	-	S	-	G	mid grey partly organic mudst
30.0	34.0	Tnm		MU	-	-	-	M	-	-	-		TR	DGR	-	-	-	S	-	G	mid grey partly organic mudst, minor yellow st
34.0	36.0	Tnm		MU	M	MX	ZS	-	-	-	-		OX	YGR	-	-	-	S	-	G	lt grey yellow mott mudst & traces silty f sst, wk bleached
36.0	50.0	Tnm		MU	-	–	–	M	-	-	-		TR	DGR	-	-	-	S	-	G	lt-mid grey partly organic mudst, tr-minor yellow st only, 42-46m dk grey organic rich
50.0	52.0	Tnm		MU	M	MX	ZS	-	-	-	-		TR	LGR	-	-	-	S	-	G	lt grey wk yellow mott mudst & traces silty f sst
52.0	62.0	Tnm		MU	I	MX	ZS	-	-	-	-		TR	LGR	-	-	-	S	-	G	lt grey wk yellow mott mudst & irregular traces silty f sst
62.0	66.0	Tnm		MU	-	–	–	-	-	-	-		OX	LGR	-	-	-	S	-	G	lt grey-white partly str bleached grey mudst, wk yellow st
66.0	70.0	Tnm		MU	-	–	–	C	-	-	-		RU	DGR	-	-	-	S	-	G	dk grey organic mudst
70.0	72.0	Te2		MU	M	IN	FS	M	-	-	R		TR	DGR	-	-	-	S	-	G	grey-brown ox f sst in dk grey organic mudst, tr lim st on clays & tr lim crusts
72.0	79.0	Te1b		VS	M	FU	MU	-	-	-	R		OX	OWH	M	W	-	S	-	G	f/u sequ, off white, med-vc bleached sst, much ox pinkish clay clots after organic mud, tr lim crusts, minor grey interbedded mudst, fel<<qtz
79.0	86.0	Te1b		VS	-	–	–	A	-	A	-		RU	BLK	M	W	-	S	-	G	vc-grit sst, mm lignite frag, humic st, clay frag, abund dk-brown organic mud-zst-f sst, blk oily water
86.0	88.0	Te1a		MS	-	–	–	-	-	A	-		RU	BLK	W	W	-	S	-	G	med humic sst
88.0	91.0	Te1a		CO	-	FU	–	M	-	C	-		RU	DGR	M	W	-	S	-	G	grity congl, minor mm frags lignite, rare mm qtz pebs, cleaner @ base
91.0	102.0	KM		BA	-	–	–	-	-	-	-		--	—	-	-	-	S	-	G	blk mudst, eoh 102m
Hole Number:			**CUM024**																		
0.0	2.0	Q		SU	-	–	–	-	-	-	-		SO	BRO	-	-	-	S	-	G	wind blown surface sand
2.0	12.0	Tnm		MU	-	–	–	-	-	-	R		SO	LGR	-	-	-	S	-	G	wth red hem st grey mudst
12.0	24.0	Tnm		MU	-	–	–	R	-	-	R		TR	YGR	-	-	-	S	-	G	lt grey yellow mott mudst, some blk seams of organic clay, minor bleaching 18 - 22m

Dfrom	Dto	Geolunit	RK	MA	Rel	Mod	Org	Py	Hum	Lim	Cb	RX	Color	S	R	B	H	U	S	Description
24.0	32.0	Tnm	MU	-	–	–	M	-	-	-		RU	DGR	-	-	-	S	-	G	mid grey organic mudst
32.0	60.0	Tnm	MU	-	–	–	R	-	-	R		TR	YGR	-	-	-	S	-	G	lt grey yellow mott mudst with minor organic seams
60.0	66.0	Tnm	MU	M	MX	SI	-	-	-	R		OX	LGR	-	-	-	M	-	G	bleached off white-lt grey clay, minor lim streaks & some silcrete
66.0	70.0	Tnm	MU	-	–	–	R	-	-	-		RU	DGR	-	-	-	S	-	G	mid grey organic mudst
70.0	76.0	Tnm	MU	C	MX	FS	M	-	-	R		RU	LGR	-	-	-	S	-	G	t-dk grey clay, f-med sst mix in minor lim clay, lim coating on 5% grains, close? to top of eyre
76.0	78.0	Te2	CS	-	-	-	-	-	-	R		OX	LGR	W	W	-	S	-	G	pink oxidised humic mud & minor lim coating on qtz grains, some grey clays
78.0	86.0	Te2	MU	C	MX	CS	A		A	-		RU	DGR	-	-	-	S	-	G	dark brown humic mud, lignite & brown sands
86.0	88.0	Te2	CS	-	-	-	C	M	C	-		RU	DGR	M	M	-	S	-	G	brown c sst, still minor humic clays, some lithic frags up to mm in diameter
88.0	90.0	Te1	VS	-	-	-	R	M	R	-		RU	DGR	P	W	-	S	-	G	vc up to cm size pebs, py cemented sands, well rounded, still minor humic and organic clays, basal vc sand
90.0	96.0	Km	MU	-	-	-	-	-	-	-		-	-	-	-	-	S	-	G	blue grey mudst, eoh 96m

Hole Number: CUM025

Dfrom	Dto	Geolunit	RK	MA	Rel	Mod	Org	Py	Hum	Lim	Cb	RX	Color	S	R	B	H	U	S	Description
0.0	2.0	Q	SU	-	-	-	-	-	-	-		SO	BRO	-	-	-	S	-	G	sand & soil
2.0	12.0	Tnm	MU	-	-	-	-	-	-	-		SO	LGR	-	-	-	S	-	G	wth red hem st grey mudst
12.0	22.0	Tnm	MU	-	-	-	-	-	-	-		TR	YGR	-	-	-	S	-	G	lt grey yellow mott mudst, rare streaks mudst
22.0	32.0	Tnm	MU	-	-	-	-	-	-	-		RU	DGR	-	-	-	S	-	G	mid grey partly organic mudst, bleached @ base
32.0	38.0	Tnm	MU	M	MX	SZ	-	-	-	C		OX	YGR	-	-	-	S	-	G	lt grey str yellow mott mudst & freq traces ox f sandy zst, tan color qtz grains
38.0	42.0	Tnm	MU	-	–	–	-	-	-	-		RU	LGR	-	-	-	S	-	G	mid grey mudst, yellow mott @ top
42.0	48.0	Tnm	MU	-	–	–	-	-	-	-		TR	YGR	-	-	-	S	-	G	lt grey yellow mott mudst
48.0	54.0	Tnm	MU	M	MX	SZ	-	-	-	C		TR	YGR	-	-	-	S	-	G	lt grey yellow mott mudst, sandy silt, tan col qtz grains
54.0	58.0	Tnm	MU	C	MX	SZ	R	-	-	C		OX	OWH	-	-	-	S	-	G	white bleached lt grey yellow mott mudst, sandy silt, poss tr f ox sst
58.0	62.0	Tnm	MU	-	–	–	R	-	-	-		TR	LGR	-	-	-	S	-	G	lt-mid grey mudst, tr organic material
62.0	64.0	Tnm	MU	-	–	–	-	-	-	-		OX	WHI	-	-	-	M	-	G	str bleached wk silic mudst & pale geen clay remnants
64.0	71.0	Tnm	MU	-	–	–	-	-	-	-		RU	DGR	-	-	-	S	-	G	mid-dk grey mudst
71.0	78.0	Te2	CS	M	FU	MU	-	-	-	M		OX	OWH	P	W	-	S	-	G	med-c poorly sorted sst, vc grains @ base, minor lim st on clay clots, poss few mudst beds, poss several thin f/u sequ
78.0	80.0	Te1	VS	-	–	–	-	-	-	C		OX	YGR	M	W	-	S	-	G	vc-grit sst, distinct yellow tinge
80.0	84.0	Te1	VS	-	–	–	-	-	-	M		OX	OWH	M	W	-	S	-	G	vc-grit sst, tr pinkish clay clots, tr pinkish cement, some lim crusts
84.0	86.0	Te1	VS	-	–	–	-	-	A	-		RU	DGR	P	W	-	S	-	G	vc-grit sst, some med grains, abund humic st
86.0	93.0	Te1	VS	-	–	–	R	C	C	-		RU	LGR	M	W	-	S	-	G	vc-grit sst, some dk brown organic mudst
93.0	102.0	Km	BA	-	–	–	-	-	-	-		–	—	-	-	-	S	-	G	blk mudst, eoh 102m

Hole Number: CUM026

Dfrom	Dto	Geolunit	RK	MA	Rel	Mod	Org	Py	Hum	Lim	Cb	RX	Color	S	R	B	H	U	S	Description
0.0	4.0	Q	SU	-	–	–	-	-	-	-		SO	BRO	-	-	-	S	-	G	wind blown surface sands
4.0	12.0	Tnm	MU	-	–	–	-	-	-	-		SO	LGR	-	-	-	S	-	G	wth red hem st grey mudst
12.0	18.0	Tnm	MU	-	–	–	R	-	-	R		TR	YGR	-	-	-	S	-	G	lt grey yellow mott mudst
18.0	34.0	Tnm	MU	-	–	–	M	-	-	-		RU	DGR	-	-	-	S	-	G	blk dk grey clays, some organic seams in blk clay
34.0	56.0	Tnm	MU	-	–	–	R	-	-	R		TR	YGR	-	-	-	S	-	G	lt grey yellow mott mudst
56.0	60.0	Tnm	MU	M	MX	SI	-	-	-	R		OX	LGR	-	-	-	S	-	G	light grey & bleached whtei clays, minor silcrete, some firmer silic clays
60.0	63.0	Tnm	MU	-	–	-	R	-	-	R		TR	YGR	-	-	-	S	-	G	lt grey yellow mott mudst minor blk organic streaks
63.0	68.0	Tnm	MU	M	MX	SI	-	-	-	R		OX	OWH	-	-	-	S	-	G	off white minor lim st on clay, minor silcrete
68.0	74.0	Tnm	MU	-	–	-	M	-	-	-		RU	DGR	-	-	-	S	-	G	dk grey clay with minor organic seams
74.0	78.0	Te2	MS	-	–	-	-	-	-	R		OX	OWH	-	-	-	S	-	G	rare lim in off white ox m-c sst
78.0	82.0	Te2	CS	-	–	-	-	-	-	R		OX	OWH	-	-	-	S	-	G	rare lim and ox humic clays, c-vc-grit, minor ox tarnished py

Dfrom	Dto	Geolunit	RK	MA	Rel	Mod	Org	Py	Hum	Lim	Cb	RX	Color	S	R	B	H	U	S	Description
82.0	86.0	Te1	MS	-	–	-	-	-	-	C		OX	OWH	-	-	-	S	-	G	rare lim and ox humic clays in med-c sst, minor ox tarnished py
86.0	88.0	Te1	CS	-	–	-	-	-	M	M		TR	YGR	-	-	-	S	-	G	common lim on qtz grains & minor humic clay
88.0	90.0	Te1	CS	-	–	-	-	R	M	-		RU	DGR	-	-	-	S	-	G	darker c sst & humic mudst, grey st qtz
90.0	96.0	Km	MU	-	-	-	-	-	-	-		-	-	-	-	-	S	-	G	blue grey mudst, eoh 96m

Hole Number: CUM027

0.0	2.0	Q	SU	-	-	-	-	-	-	-		SO	BRO	-	-	-	S	-	G	sand & soil
2.0	12.0	Tnm	MU	-	-	-	-	-	-	-		SO	LGR	-	-	-	S	-	G	wth red hem st grey mudst, minor silty layers
12.0	24.0	Tnm	MU	-	-	-	-	-	-	-		TR	YGR	-	-	-	S	-	G	lt grey yellow mott mudst
24.0	34.0	Tnm	MU	-	-	-	M	-	-	-		RU	LGR	-	-	-	S	-	G	lt-mid grey partly organic mudst
34.0	38.0	Tnm	MU	-	-	-	-	-	-	-		TR	YGR	-	-	-	S	-	G	lt grey yellow mott mudst
38.0	46.0	Tnm	MU	-	-	-	R	-	-	-		RU	LGR	-	-	-	S	-	G	lt-mid grey weakly organic mudst, rare organic streaks
46.0	54.0	Tnm	MU	-	-	-	R	-	-	-		TR	YGR	-	-	-	S	-	G	lt grey yellow mott mudst
54.0	62.0	Tnm	MU	M	MX	SZ	R	-	-	-		TR	YGR	-	-	-	S	-	G	lt grey yellow mott mudst, traces f sandt silt, @ 60m wk bleached, @ base organic rich
62.0	64.0	Tnm	MU	C	IN	VS	C	-	-	-		TR	YGR	-	-	-	S	-	G	str yellow st organic mudst & thin? seams vc qtz sst (poss ox?)
64.0	66.0	Tnm	MU	-	–	–	-	-	-	-		TR	YGR	-	-	-	S	-	G	lt grey yellow mott mudst
66.0	72.0	Tnm	MU	-	–	–	-	-	-	-		TR	LGR	-	-	-	S	-	G	wk bleached lt grey to green-grey mudst, more bleached @ top
72.0	77.0	Tnm	MU	-	–	–	-	-	-	-		RU	LGR	-	-	-	S	-	G	lt-mid grey mudst
77.0	84.0	Te2	CS	-	FU	FS	M	-	R	C		OX	OWH	M	W	-	S	-	G	c-f f/u sst sequ, str ox @ base, rest transitional, abund pinkish clay after partial ox of organic matter, lim crust & lim st on qtz, rare humic st remnants, unox organic frag, fel<<qtz
84.0	90.0	Tem	LG	-	–	–	A	-	-	-		RU	BLK	-	-	-	S	-	G	blk foul smelling f soft lignite
90.0	92.0	Te1	CS	-	–	–	-	-	A	-		RU	DGR	P	W	-	S	-	G	med-c-vc sst, abund humic st, few % grit, rare mm pebs, fel<<qtz
92.0	96.0	Km	BA	-	–	–	-	-	-	-		–	—	-	-	-	S	-	G	blk mudst, eoh 96m

Hole Number: CUM028

0.0	2.0	Q	SU	-	–	–	-	-	-	-		SO	BRO	-	-	-	S	-	G	sand & soil
2.0	12.0	Tnm	MU	-	–	–	-	-	-	-		SO	LGR	-	-	-	S	-	G	wth red hem st grey mudst, some f sand @ base
12.0	16.0	Tnm	MU	-	–	–	-	-	-	-		TR	YGR	-	-	-	S	-	G	lt grey yellow mott mudst
16.0	32.0	Tnm	MU	-	–	–	R	-	-	-		RU	LGR	-	-	-	S	-	G	lt-mid grey weakly organic mudst, occas organic streaks
32.0	36.0	Tnm	MU	M	MX	ZI	-	-	-	-		TR	YGR	-	-	-	S	-	G	lt grey yellow mott mudst, traces zst
36.0	42.0	Tnm	MU	-	–	–	-	-	-	-		TR	LGR	-	-	-	S	-	G	lt-mid grey occas organic streaked mudst, rare yellow st
42.0	44.0	Tnm	MU	C	IN	ZS	C	-	-	-		rU	DGR	-	-	-	S	-	G	lt-mid grey organic mudst & grey silty f sst
44.0	56.0	Tnm	MU	M	MX	ZI	R	-	-	-		TR	YGR	-	-	-	S	-	G	str yellow (ox?) @ top, lt grey yellow mott mudst, partly silty, rare organic streaks
56.0	60.0	Tnm	MU	C	IN	ZS	-	-	-	M		OX	LGR	-	-	-	S	-	G	lt grey partly bleached mudst & silty f ox sst, minor lim st on qtz grains
60.0	66.0	Tnm	MU	C	IN	ZS	-	-	-	C		OX	YGR	-	-	-	S	-	G	lt grey yellow mott partly bleached mudst & silty f ox sst, str lim st on qtz grains
66.0	72.0	Te2	ZS	C	IN	MU	-	-	-	M		OX	OWH	P	M	-	S	-	G	interbeds?, bleached med gd silty sand & off-white-lt grey silty mudst, minor lim st on clay
72.0	78.0	Te2	MS	-	–	–	-	-	-	M		OX	OWH	M	W	-	S	-	G	mostly med sst, some c grains, abund ox pinkish silty f sst frags (partly silic), tr lim crusts, fel<<qtz
78.0	83.0	Te1b	VS	-	–	–	-	-	-	R		OX	OWH	M	W	-	S	-	G	vc-grit sst, rare mm pebs @ base, fel<<qtz, tr tarnished py nodule
83.0	86.0	Te1a	VS	-	FU	MU	-	-	-	R		OX	OWH	P	W	-	S	-	G	@ top pinkish bleached mud, vc-grit sst, occas mm pebs
86.0	88.0	Te1a	VS	-	–	–	-	-	-	C		OX	YEL	M	W	-	S	-	G	partly str yellow st vc sst, fel<<qtz, few % grit
88.0	90.0	Te1a	VS	-	–	–	-	-	A	-		RU	DGR	P	W	-	S	-	G	humic st med-vc sst, fel<<qtz, few % grit
90.0	96.0	KM	BA	-	–	–	-	-	-	-		–	—	-	-	-	S	-	G	blk mudst, eoh 96m

Hole Number: CUM029

Dfrom	Dto	Geolunit	RK	MA	Rel	Mod	Org	Py	Hum	Lim	Cb	RX	Color	S	R	B	H	U	S	Description
0.0	3.0	Q	SU	-	–	–	-	-	-	-		SO	BRO	-	-	-	S	-	G	wind blown surface sand
3.0	14.0	Tnm	MU	-	–	–	-	-	-	-		SO	LGR	-	-	-	S	-	G	wth red hem st grey mudst
14.0	22.0	Tnm	MU	-	–	–	R	-	-	R		TR	YGR	-	-	-	S	-	G	lt grey yellow mott mudst with minor organic seams & streaks
22.0	32.0	Tnm	MU	-	–	–	R	-	-	-		RU	DGR	-	-	-	S	-	G	mid grey organic mudst with some blk seams & darker layers of clay
32.0	36.0	Tnm	MU	-	–	–	R	-	-	-		RU	DGR	-	-	-	S	-	G	lt grey yellow mott mudst with minor organic seams and streaks
36.0	46.0	Tnm	MU	-	–	–	R	-	-	-		RU	DGR	-	-	-	S	-	G	mid grey organic mudst
46.0	60.0	Tnm	MU	-	–	–	M	-	-	R		TR	YGR	-	-	-	S	-	G	lt grey yellow mott mudst some very blk seams and streaks
60.0	64.0	Tnm	MU	-	–	–	-	-	-	R		OX	OWH	-	-	-	S	-	G	bleached white to lt grey clays with minor silcrete, slightly harder clays
64.0	68.0	Tnm	MU	-	–	–	-	-	-	R		OX	LGR	-	-	-	S	-	G	less clay ?top of Te2 some rip off clasts rare lim clay and coating on qtz grains
68.0	72.0	Te2	MS	-	–	–	-	-	-	R		OX	OWH	W	M	-	S	-	G	med-c sst, some clay off white-white, very rare lim coating on qtz grains & lim st
72.0	78.0	Te2	CS	-	–	–	-	-	-	R		OX	OWH	M	M	-	S	-	G	c-vc sand, minor humic clays that have been ox to pink clay, some minor lim coating on qtz grains, minor fel
78.0	84.0	Te2	VS	-	–	–	-	-	-	R		OX	OWH	M	M	-	S	-	G	mainly vc sand, still some minor humic clays that have been ox to pink clay some minor lim coating on qtz grains, minor fel
84.0	88.0	Te1	VS	-	–	–	-	R	-	C		OX	OWH	M	M	-	S	-	G	common lim coating on qtz grains, some large mm size pebbles, very rounded
88.0	90.0	Te1	VS	-	–	–	M	R	-	-		RU	DGR	P	M	-	S	-	G	v reduced vc sands, some py, some humic clays, qtz pebs up to mm size
90.0	96.0	Km	MU	-	–	–	-	-	-	-		-	-	-	-	-	-	-	-	blue grey mudst, eoh 96m

Hole Number: CUM030

0.0	2.0	Q	SU	-	–	–	-	-	-	-		SO	BRO	-	-	-	S	-	G	sand & soil
2.0	6.0	Tnm	MU	-	–	–	-	-	-	-		SO	LGR	-	-	-	S	-	G	wth red hem st grey mudst, somewhat silty in patches
6.0	18.0	Tnm	MU	I	MX	ZI	-	-	-	-		TR	YGR	-	-	-	S	-	G	lt grey yellow mott mudst, irreg traces of silt
18.0	24.0	Tnm	ZI	M	MX	CY	-	-	-	-		TR	LGR	-	-	-	S	-	G	lt grey clayey zst, minor yellow mott, esp @ base, few % f ox lim st qtz grains @ base
24.0	30.0	Tnm	MU	I	MX	ZI	-	-	-	-		TR	LGR	-	-	-	S	-	G	lt grey wk yellow mott mudst, traces of silt
30.0	32.0	Tnm	MU	-	–	–	M	-	-	-		RU	DGR	-	-	-	S	-	G	dk grey organic mudst
32.0	42.0	Tnm	MU	M	MX	ZI	-	-	-	-		RU	LGR	-	-	-	S	-	G	lt grey wk yellow mott mudst, tr irreg silt
42.0	52.0	Tnm	MU	-	–	–	-	-	-	-		TR	YGR	-	-	-	S	-	G	lt grey yellow mott mudst
52.0	54.0	Tnm	MU	C	IN	MS	-	-	-	C		OX	YGR	-	-	-	S	-	G	lt grey yellow mott mudst & ox str lim st med qtz sst, tending to c gd
54.0	60.0	Tnm	MU	C	IN	SZ	-	-	-	M		OX	YGR	-	-	-	S	-	G	lt-mid grey partly organic yellow mott mudst & f sandy ox? zst
60.0	72.0	Te2	ZI	A	MX	CY	R	-	-	R		OX	LGR	-	-	-	S	-	G	lt grey-off white clayey zst, tr f sst, partly bleached ox, rare bk organic remnants?, 62-64m str bleached white, poor sample 70-72m
72.0	80.0	Te2	CS	M	IN	MU	-	-	-	R		OX	OWH	P	W	-	S	-	G	med-c sst, tr vc grains, f/u sequ, lt grey to pink bleached mudst
80.0	85.0	Te1b	VS	-	–	–	-	-	-	M		OX	OWH	M	M	-	S	-	G	vc-grit sst, poss pink bleached @ top?, fel<<qtz, lim qtz st increases to base
85.0	92.0	Te1a	VS	-	–	–	M	A	M	-		RU	DGR	?	M	-	S	-	P	poor washed contam samples, vc reduc sst, some dk brown organic mud, mm-cm frag py cement
92.0	96.0	KM	BA	-	–	–	-	-	-	-		–	—	-	-	-	S	-	G	blue blk mudst, eoh 96m

Hole Number: CUM031

0.0	3.0	Q	SU	-	–	–	-	-	-	-		SO	BRO	-	-	-	S	-	G	sand & soil
3.0	10.0	Tnm	MU	-	–	–	-	-	-	-		SO	LGR	-	-	-	S	-	G	wth wk red hem st grey mudst
10.0	18.0	Tnm	MU	-	–	–	-	-	-	-		TR	YGR	-	-	-	S	-	G	lt grey yellow mott mudst
18.0	22.0	Tnm	SZ	A	MX	CY	-	-	-	-		RU	LGR	-	-	-	S	-	G	lt grey clayey f sandy zst
22.0	30.0	Tnm	MU	-	–	–	-	-	-	-		RU	LGR	-	-	-	S	-	G	mid grey organic mudst, freq organic streaks
30.0	36.0	Tnm	MU	C	IN	ZS	-	-	-	C		TR	YGR	-	-	-	S	-	G	lt grey yellow mott mudst & freq beds? silty f lim st ox sst, max amount sand 32-34m

Dfrom	Dto	Geolunit	RK	MA	Rel	Mod	Org	Py	Hum	Lim	Cb	RX	Color	S	R	B	H	U	S	Description
36.0	62.0	Tnm	MU	-	–	–	-	-	-	-		TR	YGR	-	-	-	S	-	G	lt grey variable yellow mott mudst, @ 42, 58m mid grey organic mudst
62.0	64.0	Tnm	MU	C	MX	SI	-	-	-	M		OX	WHI	-	-	-	M	-	G	bleached white partly silic mudst, minor lim st clays
64.0	72.0	Tnm	MU	-	–	–	-	-	-	-		RU	DGR	-	-	-	S	-	G	mid grey partly organic mudst
72.0	74.0	Te	CS	C	MX	MS	R	-	-	-		OX	LGR	-	-	-	S	-	G	med-c lt grey wk ox sst, few organic frags, traces pink part ox organic mud/silt, wk ox to transitional redox
74.0	80.0	Te	CS	M	IN	MU	R	-	M	R		OX	LGR	P	W	-	S	-	G	c sst, brownish tinge from part ox humic stain, abund pinkish part ox organic mud/silt, tr only lim st on clays
80.0	82.0	Te	VS	-	–	–	-	M	A	R		TR	DGR	P	W	-	S	-	G	med-vc qtz sand, common tarnished py, tr pinkish clay, transitional?
82.0	90.0	Te	VS	-	–	–	-	C	A	-		RU	DGR	P	W	-	S	-	G	c-vc qtz sand, common mm frag py cement, fel<<qtz, few % grit, rare mm qtz pebs
90.0	96.0	Km	BA	-	–	–	-	-	-	-		–	–	-	-	-	S	-	G	blk mudst, eoh 96m

Hole Number: CUM032

Dfrom	Dto	Geolunit	RK	MA	Rel	Mod	Org	Py	Hum	Lim	Cb	RX	Color	S	R	B	H	U	S	Description
0.0	2.0	Q	SU	-	–	–	-	-	-	-		SO	BRO	-	-	-	S	-	G	wind blown surface sand
2.0	8.0	Tnm	MU	-	–	–	-	-	-	-		SO	LGR	-	-	-	S	-	G	wth red hem st grey mudst
8.0	16.0	Tnm	MU	C	MX	ZI	-	-	-	R		SO	LGR	-	-	-	S	-	G	silty vf sst & mudst, pink to light grey hem staining, still in surface ox
16.0	20.0	Tnm	MU	-	-	-	R	-	-	R		TR	YGR	-	-	-	S	-	G	lt grey yellow mott mudst, minor organic streaks/seams in the clay, rare silty layer
20.0	24.0	Tnm	FS	M	MX	MU	-	-	-	C		OX	OWH	W	W	-	S	-	G	f-med sst, common mudst, abundant lim st in both the clay & as coating on the sand grains
24.0	34.0	Tnm	MU	-	-	-	M	-	-	M		TR	YGR	-	-	-	S	-	G	some darker samples, generally lt grey yellow mott mudst
34.0	38.0	Tnm	MS	M	IN	MU	-	-	-	R		OX	OWH	W	W	-	S	-	G	3-4m sand unit, f-med clean qtz-fel sand, some minor lithics and rare lim coating on 10% grains
38.0	42.0	Tnm	MU	-	-	-	M	-	-	-		RU	DGR	-	-	-	S	-	G	mid grey organic mudst
42.0	60.0	Tnm	MU	-	-	-	R	-	-	R		TR	YGR	-	-	-	S	-	G	lt grey yellow mott mudst with some more organic rich intervals & minor silty beds throughout
60.0	64.0	Tnm	MU	-	-	-	-	-	-	-	-	OX	LGR	-	-	-	S	-	G	lt grey-off white bleached clays, some hard patches of silcrete
64.0	73.0	Tnm	MU	-	-	-	M	-	-	-	-	RU	DGR	-	-	-	S	-	G	mid grey organic mudst
73.0	78.0	Te2	MS	-	-	-	R	M	-	M	-	TR	LGR	M	M	-	S	-	G	med-c transitional sands, some py, some lim qtz grains, pink ox humic clays
78.0	80.0	Te2	MS	-	-	-	R	M	-	-	-	RU	DGR	M	M	-	S	-	G	thin bed of reduced sands, py, organics & humic clays all present, abundant grey qtz
80.0	90.0	Te1	MU	-	-	-	A	R	A	-	-	RU	BRO	-	-	-	S	-	G	brown-dk grey-blk foul smelling hs gas from humic clays, very minor sand, poss contamination?
90.0	96.0	Km	MU	-	-	-	-	-	-	-	-	-	-	-	-	-	S	-	G	blue grey mudst, 96m

Hole Number: CUM033

Dfrom	Dto	Geolunit	RK	MA	Rel	Mod	Org	Py	Hum	Lim	Cb	RX	Color	S	R	B	H	U	S	Description
0.0	2.0	Q	SU	-	-	-	-	-	-	-	-	SO	BRO	-	-	-	S	-	G	wind blown surface sand
2.0	6.0	Tnm	MU	-	-	-	-	-	-	-	-	SO	BRO	-	-	-	S	-	G	red-brown clay with abund gypsum xsts
6.0	12.0	Tnm	MU	-	-	-	-	-	-	-	-	SO	LGR	-	-	-	S	-	G	wth red hem st grey mudst
12.0	22.0	Tnm	MU	-	-	-	R	-	-	R	-	TR	YGR	-	-	-	S	-	G	lt grey yellow mott mudst with some blk organic seams
22.0	24.0	Tnm	MU	C	MX	FS	R	-	-	R	-	TR	YGR	-	-	-	S	-	G	beds of f sst in mudst, with some lim & organic material
24.0	64.0	Tnm	MU	-	-	-	R	-	-	R	-	TR	YGR	-	-	-	S	-	G	lt grey yellow mott mudst, some intervals slightly silty & some mid grey organic mudst
64.0	72.0	?Te2	MU	C	MX	MS	-	-	-	R	-	OX	OWH	-	-	-	S	-	G	off white-lt grey bleached clays, minor tim clay & coating on qtz grains
72.0	80.0	Te2	MS	-	-	-	-	-	-	R	-	OX	OWH	M	M	-	S	-	G	finer clean qtz-fel sand, very minor mudst, ripup chunks of clay?
80.0	90.0	Te2	CS	-	-	-	-	-	-	R	-	OX	OWH	P	M	-	S	-	G	very lim rich sand @ 90m, with tarnished py, qtz grains to mm in size, rest clean off white sand
90.0	92.0	Te1	VS	-	-	-	-	-	-	A	-	OX	OWH	P	W	-	S	-	G	very yellow lim qtz, minor tarnished py
92.0	96.0	Te1	CS	-	-	-	-	M	R	-	-	RU	DGR	W	M	-	S	-	G	clean grey qtz, v minor py, minor lim (contamination?)

Dfrom	Dto	Geolunit	RK	MA	Rel	Mod	Org	Py	Hum	Lim	Cb	RX	Color	S	R	B	H	U	S	Description
96.0	102.0	Km	MU	-	-	-	-	-	-	-	-	-	-	-	-	-	S	-	G	blue grey mudst, eoh 102m

Hole Number: CUM034

Dfrom	Dto	Geolunit	RK	MA	Rel	Mod	Org	Py	Hum	Lim	Cb	RX	Color	S	R	B	H	U	S	Description
0.0	4.0	Tnm	MU	C	DS	GY	-	-	-	-	-	SO	BRO	-	-	-	S	-	G	wth brown-grey mott mm-cm gypsum xst bearing mudst, thin veneer soil
4.0	10.0	Tnm	MU	M	DS	GY	-	-	-	-	-	SO	LGR	-	-	-	S	-	G	wth red hem st grey mudst, diss mm-cm gypsum xsts
10.0	16.0	Tnm	MU	-	–	–	-	-	-	-	-	TR	YGR	-	-	-	S	-	G	lt grey yellow mott mudst
16.0	18.0	Tn3	MU	C	IN	SZ	-	-	-	-	-	OX	YGR	-	-	-	S	-	G	lt grey yellow mott mudst & ox str yellow lim st f sandy zst
18.0	30.0	Tnm	MU	-	–	–	-	-	-	-	-	TR	YGR	-	-	-	S	-	G	lt grey wk yellow mott mudst, @ 22m minor mid grey organic mudst
30.0	36.0	Tnm	MU	-	–	–	-	-	-	-	-	RU	LGR	-	-	-	S	-	G	mid grey mudst, occas yellow flecks
36.0	41.0	Tn2b	MU	C	IN	SZ	-	-	-	-	-	OX	YGR	-	-	-	S	-	G	lt grey yellow mott mudst & ox str yellow lim st f sandy zst
41.0	44.0	Tnm	MU	-	–	–	-	-	-	-	-	RU	LGR	-	-	-	S	-	G	mid grey mudst
44.0	48.0	Tn2a	ZS	C	MX	CY	-	-	-	C	-	OX	YGR	-	-	-	S	-	G	lt grey yellow mott clayey ox str yellow lim st silty f sst
48.0	54.0	Tnm	MU	-	–	–	-	-	-	-	-	TR	YGR	-	-	-	S	-	G	lt grey yellow mott mudst
54.0	59.0	Tn1a	ZS	C	MX	CY	-	-	-	C	-	OX	YGR	-	-	-	S	-	G	lt grey yellow mott to wk bleached off white clayey to silty f sst
59.0	60.0	Tnm	MU	-	–	–	-	-	-	-	-	RU	DGR	-	-	-	S	-	G	mid-dk grey mudst
60.0	66.0	Tn1b	ZS	C	MX	CY	-	-	-	C	-	OX	YGR	-	-	-	S	-	G	lt grey yellow mott to wk bleached off white clayey to silty f sst, few % med qtz grains
66.0	68.0	Te2b	FS	M	IN	MU	R	-	-	C	-	OX	OWH	M	M	-	S	-	G	bleached f-med sst & partly bleached mudst, rare remnants? organic mud
68.0	74.0	Te2b	MS	M	FU	MU	-	-	-	M	-	OX	OWH	M	M	-	S	-	G	bleached med sst & partly bleached mudst, freq lim st clay clot, c @ base
74.0	78.0	Te2a	MS	M	FU	MU	-	-	-	R	-	OX	OWH	M	M	-	S	-	G	bleached med sst & partly bleached mudst, freq lim st clay clots, c @ base
78.0	84.0	Te2a	CS	M	FU	MU	-	-	-	R	-	OX	OWH	M	M	-	S	-	G	f/u sequ 84-74m, bsal section, c-vc sst, a few % grit, lim st clay clots, fel<<qtz
84.0	86.0	Te1	VS	-	–	–	-	-	-	R	-	OX	OWH	M	M	-	S	-	G	c-vc sst, 10% grit, tr lim st on qtz, fel<<qtz
86.0	90.0	Te1	VS	-	–	–	-	-	C	R	-	TR	LGR	M	M	-	S	-	G	c-vc sst, 10% grit, slightly bleached but still visible humic st, tarnished py, fel<<qtz
90.0	95.0	Te1	VS	-	–	–	-	-	A	-	-	RU	DGR	M	M	-	S	-	G	vc-grit sst, mm frag py cement
95.0	102.0	Km	BA	-	–	–	-	-	-	-	-	–	–	-	-	-	M	-	G	blk mudst, eoh 102m

Hole Number: CUM035

Dfrom	Dto	Geolunit	RK	MA	Rel	Mod	Org	Py	Hum	Lim	Cb	RX	Color	S	R	B	H	U	S	Description
0.0	2.0	Q	SU	C	DS	GY	-	-	-	-	-	SO	BRO	-	-	-	S	-	G	sand & soil, gysum xsts below sand dune layer
2.0	6.0	Tnm	MU	C	DS	GY	-	-	-	-	-	SO	LGR	-	-	-	S	-	G	wth red hem st grey mudst, diss gypsum xsts
6.0	10.0	Tnm	MU	-	–	–	-	-	-	-	-	SO	LGR	-	-	-	S	-	G	wth red hem st grey mudst
10.0	12.0	Tnm	MU	-	–	–	-	-	-	-	-	TR	YGR	-	-	-	S	-	G	lt grey yellow mott mudst
12.0	34.0	Tnm	MU	-	–	–	-	-	-	-	-	RU	LGR	-	-	-	S	-	G	lt-mid grey partly organic mudst, few patches of wk lim st esp @ top & @ 30m
34.0	38.0	Tnm	MU	-	–	–	-	-	-	-	-	TR	YGR	-	-	-	S	-	G	lt grey yellow mott mudst
38.0	40.0	Tn2	MS	C	MX	CY	-	-	-	R	-	TR	LGR	P	M	-	S	-	G	yellow mott lt grey clayey f-med qtz sst, rare lim st qtz grains
40.0	46.0	Tnm	MU	M	IN	SZ	-	-	-	-	-	RU	LGR	-	-	-	S	-	G	wk patchy yellow st lt-mid grey mudst & traces f sandy silt
46.0	50.0	Tn1	ZS	C	IN	MU	-	-	-	M	-	OX	YGR	-	-	-	S	-	G	yellow st lt grey silty f qtz sand & mudst
50.0	54.0	Tnm	MU	-	–	–	-	-	-	-	-	TR	YGR	-	-	-	S	-	G	lt-mid grey yellow mott mudst, rare mm manganese nodules, partly organic rich
54.0	58.0	Tnm	MU	C	IN	SZ	-	-	-	-	-	TR	YGR	-	-	-	S	-	G	lt grey yellow mott mudst & f sandy silt
58.0	60.0	Tnm	MU	-	–	–	-	-	-	-	-	RU	DGR	-	-	-	S	-	G	dk grey organic mudst
60.0	66.0	Te2	FS	C	IN	MU	-	-	-	C	-	OX	YGR	P	M	-	S	-	G	lt grey yellow mott f-med sst and mudst, clayey mx in part?, partly bleached, str yellow st qtz grains, fel<<qtz, minor c grains
66.0	74.0	Te2	MS	C	IN	MU	-	-	-	R	-	OX	OWH	P	M	-	S	-	G	bleached med-c sst & mudst, tr yellow st on clay clots, few % vc grains, fel<<qtz

Dfrom	Dto	Geolunit	RK	MA	Rel	Mod	Org	Py	Hum	Lim	Cb	RX	Color	S	R	B	H	U	S	Description
74.0	78.0	Te2	MS	-	–	–	-	-	-	R	-	OX	OWH	M	M	-	S	-	G	better sorted med sst, few lim st clay clots
78.0	84.0	Te1	CS	-	–	–	-	-	-	R	-	OX	OWH	P	M	-	S	-	G	med-c-vc poorly sorted sst, few lim st clay clots, tr lim st on qtz grains
84.0	90.0	Te1	CS	-	–	–	-	-	M	R	-	TR	LGR	P	M	-	S	-	G	less bleached, med-c-vc poorly sorted sst, few lim st clay clots, tr lim st on qtz grains
90.0	95.0	Te1	VS	-	–	–	-	C	C	-	-	RU	DGR	M	M	-	S	-	G	c-vc sst, some grit, lithic<fel<<qtz, common f gd dk colored py cement, poss finer @ base - poss due to washing
95.0	102.0	Km	BA	-	–	–	-	-	-	-	-	–	—	-	-	-	S	-	G	blk mudst, eoh 102m

Hole Number: CUM036

Dfrom	Dto	Geolunit	RK	MA	Rel	Mod	Org	Py	Hum	Lim	Cb	RX	Color	S	R	B	H	U	S	Description
0.0	2.0	Q	SU	-	–	–	-	-	-	-	-	SO	BRO	-	-	-	S	-	G	sand & soil
2.0	4.0	Tnm	MU	C	DS	GY	-	-	-	-	-	SO	BRO	-	-	-	S	-	G	v wth brown st mudst & diss mm-cm gypsum xsts
4.0	13.0	Tnm	MU	-	–	–	-	-	-	-	-	SO	LGY	-	-	-	S	-	G	wth red hem st grey mudst
13.0	28.0	Tnm	MU	-	–	–	-	-	-	-	-	TR	YGR	-	-	-	S	-	G	lt grey yellow mott mudst
28.0	30.0	Tn3	SZ	-	–	–	-	-	-	C	-	OX	YGR	-	-	-	S	-	G	lt grey yellow mott f sandy zst
30.0	55.0	Tnm	MU	-	–	–	-	-	-	-	-	TR	YGR	-	-	-	S	-	G	lt grey yellow mott mudst, tr irreg silt, @ 32, 54m mid grey organic mudst
55.0	62.0	Tnm	ZI	A	MX	CY	-	-	-	-	-	RU	DGR	-	-	-	S	-	G	mid grey organic zst
62.0	66.0	Tnm	SZ	A	MX	CY	-	-	-	-	-	TR	YGR	-	-	-	S	-	G	wk bleached, yellow lim st, clayey zst to ox f sst
66.0	70.0	Tnm	MU	C	IN	FS	-	-	-	-	-	OX	LGR	-	-	-	S	-	G	lt greenish grey mudst, wk bleached? & off white ox f sst
70.0	72.0	Te2	SI	-	–	–	-	-	-	-	-	OX	WHI	-	-	-	H	-	N	a few chips of silic white clay-silcrete & str silic lt grey f qtz sst, 2 hr drilling
72.0	76.0	Te2	MS	-	–	–	-	-	-	-	-	OX	OFW	?	W	-	S	-	C	contaminated washed samples, mix sand, clay & rare organic clay, prob eyre sands
76.0	88.0	Te1	CS	-	–	–	-	-	-	-	-	OX	OFW	?	W	-	S	-	C	contaminated washed samples, mix sand, clay, prob eyre sands, better sample quality towards base
88.0	94.0	Te1	VS	-	–	–	C	R	A	-	-	RU	BLK	W	W	-	S	-	G	c-vc organic rich sst, mm flecks lignite, traces brown-blk organic mud, wk r/a seep?, x18 peak @ base
94.0	98.0	Te1	CO	A	PO	QZ	-	-	M	-	-	RU	LGR	M	W	-	S	-	G	clean lithic=fel<qtz congl, mx c-vc sand
98.0	102.0	Km	--	-	–	–	-	-	-	-	-	--	—	-	-	-	S	-	G	blk mudst, 102m

Hole Number: CUM037

Dfrom	Dto	Geolunit	RK	MA	Rel	Mod	Org	Py	Hum	Lim	Cb	RX	Color	S	R	B	H	U	S	Description
0.0	2.0	Q	SU	-	–	–	-	-	-	-	-	SO	BRO	-	-	-	S	-	G	sand & soil
2.0	6.0	Tnm	MU	C	DS	GY	-	-	-	-	-	SO	LGR	-	-	-	S	-	G	wth red hem st grey mudst, diss gypsum xsts
6.0	9.0	Tnm	MU	-	–	–	-	-	-	-	-	SO	LGR	-	-	-	S	-	G	wth red hem st grey mudst
9.0	12.0	Tn3b	MS	-	–	–	-	-	-	C	-	OX	TAN	W	W	-	S	-	G	med-c sst, str ox yellow lim st qtz grains
12.0	19.0	Tnm	MU	-	–	–	-	-	-	-	-	TR	LGR	-	-	-	S	-	G	lt grey yellow mott mudst
19.0	24.0	Tn3a	FS	M	IN	MU	-	-	-	C	-	OX	TAN	W	W	-	S	-	G	f-med sst, ox lim st qtz grains, esp @ 24 m & str yellow mottedlt grey mudst
24.0	30.0	Tnm	MU	-	–	–	-	-	-	-	-	TR	YGR	-	-	-	S	-	G	lt grey yellow mott mudst
30.0	34.0	Tnm	MU	-	–	–	-	-	-	-	-	RU	DGR	-	-	-	S	-	G	mid-dk grey organic mudst
34.0	50.0	Tnm	MU	-	–	–	-	-	-	-	-	TR	YGR	-	-	-	S	-	G	lt grey yellow mott mudst
50.0	59.0	Tnm	MU	-	–	–	-	-	-	-	-	RU	DGR	-	-	-	S	-	G	mid grey organic mudst
59.0	65.0	Te2	MS	M	IN	MU	-	-	-	R	-	OX	OWH	M	M	-	S	-	G	med-c ox sst, rare lim crust, lt grey yellow mott mudst
65.0	71.0	Tem	MU	-	–	–	-	-	-	-	-	OX	WHI	-	-	-	M	-	G	bleached white mudst, poss partly wk silic
71.0	78.0	Te1c	FS	-	–	–	-	-	-	R	-	OX	OWH	W	M	-	S	-	G	f-med ox sst, rare lim crusts, some bleached clay, fel<<qtz
78.0	80.0	Te1c	MS	-	–	–	-	-	-	R	-	OX	OWH	W	M	-	S	-	G	80-71m f/u sequ, bleached med ox sst, some vc esp @ base, tr lim crusts, tr pinkish clay
80.0	84.0	Te1b	CS	-	–	–	-	-	-	R	-	OX	OWH	W	M	-	S	-	G	f/u sequ c-med, bleached ox sst, fel<<qtz
84.0	86.0	Te1a	CS	-	–	–	-	-	M	R	-	TR	LGR	W	M	-	S	-	G	med-c sst, top of f/u sequ, wk bleached with still visible humic st, top of roll?

Dfrom	Dto	Geolunit	RK	MA	Rel	Mod	Org	Py	Hum	Lim	Cb	RX	Color	S	R	B	H	U	S	Description
86.0	90.0	Te1a	VS	-	–	–	-	-	M	C	-	OX	YGR	W	M	-	S	-	G	yellowish grey c-vc sst, str yellow lim st of qtz grains esp @ base, some grit grains @ base, ox tongue?
90.0	94.0	Te1a	VS	-	–	–	-	R	C	-	-	RU	DGR	W	W	-	S	-	G	reduc vc-grit sst, rare mm qtz pebs, tr tarnished py, lithic=fel<qtz
94.0	102.0	Km	BA	-	–	–	-	-	-	-	-	–	—	-	-	-	S	-	G	blk mudst, eoh 102m

Hole Number: CUM038

Dfrom	Dto	Geolunit	RK	MA	Rel	Mod	Org	Py	Hum	Lim	Cb	RX	Color	S	R	B	H	U	S	Description
0.0	2.0	Q	SU	-	–	–	-	-	-	-	-	SO	BRO	-	-	-	S	-	G	sand & soil
2.0	6.0	Tnm	MU	C	DS	GY	-	-	-	-	-	SO	LGR	-	-	-	S	-	G	wth red & brown mott grey mudst, diss gypsum
6.0	14.0	Tnm	MU	-	–	–	-	-	-	-	-	SO	LGR	-	-	-	S	-	G	wth red hem st grey mudst, minor yellow st @ 12m
14.0	18.0	Tnm	MU	-	–	–	-	-	-	-	-	TR	YGR	-	-	-	S	-	G	lt grey yellow mott mudst, somewhat silty @ base
18.0	28.0	Tn3	FS	M	IN	MU	-	-	-	C	-	OX	YGR	W	W	-	S	-	G	lt grey yellow mott f ox sst, tr med, str lim st on qtz grains, frags pinkish ox clay after organic mud, white bleached clay
28.0	30.0	Tnm	MU	-	–	–	-	-	-	-	-	TR	LGR	-	-	-	S	-	G	wk bleached mudst @ base of sand
30.0	34.0	Tnm	MU	-	–	–	-	-	-	-	-	RU	DGR	-	-	-	S	-	G	mid grey mudst
34.0	36.0	Tnm	MU	-	–	–	-	-	-	-	-	TR	YGR	-	-	-	S	-	G	lt grey yellow mott mudst
36.0	44.0	Tnm	MU	-	–	–	-	-	-	-	-	RU	DGR	-	-	-	S	-	G	mid-dk grey partly organic mudst, esp @ base
44.0	46.0	Tn2	CS	C	MX	CY	-	-	-	-	-	RU	DGR	P	M	-	S	-	P	mix? grey clay, organic mud, med-c-vc qtz grains
46.0	54.0	Tnm	MU	-	–	–	-	-	-	-	-	TR	YGR	-	-	-	S	-	G	lt-mid grey wk yellow mott mudst, organic rich top & bottom
54.0	59.0	Tnm	MU	-	–	–	-	-	-	-	-	RU	DGR	-	-	-	S	-	G	dk grey organic mudst
59.0	60.0	Te2	MS	C	MX	CY	-	-	-	M	-	OX	LGR	?	M	-	S	-	G	lt grey wk ox f-med sst
60.0	62.0	Te2	VS	-	–	–	-	-	-	M	-	OX	LGR	M	M	-	S	-	G	c-vc qtz sst, tr yellow lim st on qtz
62.0	66.0	Tem	MU	-	–	–	-	-	-	-	-	TR	YGR	-	-	-	S	-	G	lt grey yellow mott mudst, beached @ base
66.0	68.0	Te2	VS	-	–	–	-	-	-	M	-	OX	YGR	M	M	-	S	-	G	c-vc qtz sst, some yellow lim st on qtz
68.0	72.0	Tem	MU	-	–	–	-	-	-	-	-	Ru	LGR	-	-	-	S	-	G	lt-mid grey mudst
72.0	78.0	Te2	CS	-	FU	MS	-	-	-	R	-	oX	OWH	M	M	-	S	-	G	f/u c-med sst, traces pinkish & bleached clay, some lim st dots
78.0	82.0	Tem	LG	C	IN	FS	A	-	-	-	-	TR	BRO	-	-	-	S	-	G	partly ox dk brown soft lignite, some pinkish mottling & f white beached sst
82.0	88.0	Te1	VS	-	FU	–	-	-	-	R	-	OX	OWH	P	M	-	S	-	G	poss f/u vc-c-med sst, lithic<fel<<qtz, tr lim st on qtz grains
88.0	94.0	Te1	VS	M	PO	QZ	-	-	M	R	-	TR	LGR	M	W	-	S	-	G	transitional wk ox partially humic st vc pebby sst, coarser @ base
94.0	102.0	Km	BA	-	–	–	-	-	-	-	-	–	—	-	-	-	S	-	G	blk mudst, eoh 102m

Hole Number: CUM039

Dfrom	Dto	Geolunit	RK	MA	Rel	Mod	Org	Py	Hum	Lim	Cb	RX	Color	S	R	B	H	U	S	Description
0.0	3.0	Q	SU	-	–	–	-	-	-	-	-	SO	BRO	-	-	-	S	-	G	sand & soil
3.0	6.0	Tnm	MU	C	DS	GY	-	-	-	-	-	SO	LGR	-	-	-	S	-	G	wth red hem st grey mudst, diss gypsum xsts
6.0	14.0	Tnm	MU	-	–	–	-	-	-	-	-	SO	LGR	-	-	-	S	-	G	wth red hem st grey mudst
14.0	18.0	Tnm	MU	-	–	–	-	-	-	-	-	TR	YGR	-	-	-	S	-	G	lt grey yellow mott mudst
18.0	30.0	Tn3	ZI	C	IN	MU	-	-	-	-	-	OX	YGR	-	-	-	S	-	G	lt grey yellow mott zst & mudst, tending to f sst @ base
30.0	42.0	Tnm	MU	-	–	–	-	-	-	-	-	TR	YGR	-	-	-	S	-	G	lt-mid grey variable yellow mott mudst
42.0	46.0	Tnm	MU	-	–	–	-	-	-	-	-	RU	DGR	-	-	-	S	-	G	mid grey mudst
46.0	50.0	Tnm	MU	-	–	–	-	-	-	-	-	TR	YGR	-	-	-	S	-	G	lt grey yellow mott mudst
50.0	52.0	Tn1	FS	C	IN	MU	-	-	-	R	-	TR	LGR	W	M	-	S	-	G	lt grey interbedded f qtz sst & mudst, wk yellow lim st
52.0	60.0	Tnm	MU	-	–	–	-	-	-	-	-	TR	YGR	-	-	-	S	-	G	lt-dk grey wk variable yellow mott mudst, organic rich @ 56m
60.0	62.0	Te1	VC	M	IN	MU	-	-	-	R	-	OX	LGR	M	M	-	S	-	G	c-vc wk ox sst, tr lim st on qtz grains
62.0	67.0	Tem	MU	C	IN	ZS	-	-	-	-	-	TR	YGR	-	-	-	S	-	G	lt-dk grey, partly organic rich, str yellow mott mudst & bands silty f sst
67.0	70.0	Tem	ZS	C	IN	MU	-	-	-	-	-	OX	OWH	P	?	-	S	-	G	interbeds, bleached off white silty f sst & pale green clay remnants, some yellow lim st
70.0	72.0	Tem	MU	-	–	–	-	-	-	-	-	RU	DR	-	-	-	S	-	G	mid grey organic mudst
72.0	78.0	Te2	SI	-	–	–	-	-	-	-	-	OX	WHI	-	-	-	H	-	G	very hard, slow drilling, 2.5 hrs, a few chips of white silcrete, prob bands of lt grey str silic sst & white bleached clay

Dfrom	Dto	Geolunit	RK	MA	Rel	Mod	Org	Py	Hum	Lim	Cb	RX	Color	S	R	B	H	U	S	Description
78 0	86 0	Te2	??	-	--	--	-	-	-	-	-	??	???	-	-	-	S	-	C	very much contaminated by mudst frag from above, prob eyre sands
86.0	94.0	Te1	VC	-	--	--	-	-	-	-	-	OX	LGR	-	-	-	S	-	C	washed contaminated c-vc sst, redox? prob ox
94.0	98.0	Te1	VC	-	--	--	M	-	C	-	-	RU	DGR	?	M	-	S	-	M	vc-grit humic sst, better sample but still washed, minor woody fragments
98.0	102.0	Km	BA	-	--	--	-	-	-	-	-	--	---	-	-	-	S	-	G	blk mudst, eoh 102m

APPENDIX 2

Curnamona Project

Geophysical Interpretation

Prepared By

G.O. Dickson & Associates

For

GOLDMINCO NL

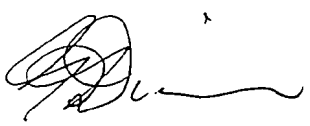
November 1997

GOLDMINCO

CURNAMONA PROJECT

GEOPHYSICAL INTERPRETATION

PREPARED BY:-
G O DICKSON & ASSOCIATES

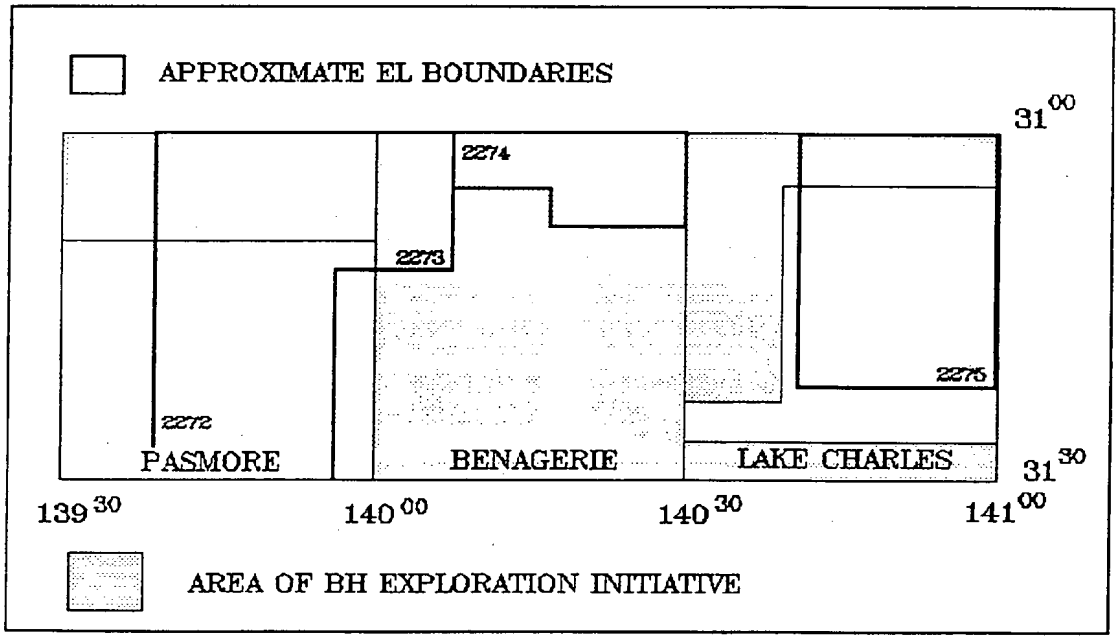


NOV 1997

1.0 INTRODUCTION

GOLDMINCO's area of interest lies in the northern part of the Curnamona 1:250,000 sheet. The EL's (2272 through 2275) partly cover the Pasmore 1:100,000 sheet. the northern part of the Benagerie sheet and the Lake Charles sheet.

Digital airborne magnetic data was acquired from the South Australian Department of Mines and Energy (MESA) and AGSO. Gravity for the area was acquired from AGSO. The quality of the data vary considerably and that acquired mainly over the Benagerie sheet, as part of the Broken Hill Exploration Initiative (BHEI), are of higher quality than the earlier data, see figure below. Data levels vary between the data sets and these were adjusted and the data combined in to a single data set. The cartoon figure below shows the 1:100,000 sheet boundaries, the area of the BHEI flying and the approximate boundaries of Goldminco's El's. The figure is not to scale.



In this report we offer an interpretation of the airborne magnetic and gravity data.

2.0 ITEMS ACCOMPANYING THIS REPORT

All images and plans have been produced at a scale of 1:250,000 for this report. 1:100,000 scale plans were produced earlier.

- Contour plan of the Bouguer Gravity for a density of 2.67 grm/cm^3.
- Images of the pole reduced magnetic response, the first vertical derivative (1VD) of that response and a gain controlled image of the magnetic response.
- Red, green, blue (RGB) image of the Benagerie radiometric data and an image of the potassium by thorium ratio.
- Interpretative plan.

Selected magnetic profiles at A4 size scale are included in the appendix.

3.0 SUMMARY and RECOMMENDATIONS

- Deep cover is to be expected in the Pasmore area. There is at least one magnetic anomaly that could be of interest.
- The calc-silicate suite rocks occur in the south eastern corner of EL2273 to the south of an interpreted fault. The area could be prospective.
- Calc-silicate units of the Benagerie sheet continue into the north western part of EL2275. A nose position is interpreted and the area could be prospective.

4.0 DATA PROCESSING

Goldminco's EL's generally lie in areas of low magnetic relief. We have computed the 1VD of the pole reduced data and tried a method known as gain control, on the pole reduced data, in an attempt to increase the resolution in areas of lower magnetic relief. The method of gain control is essentially a non-linear compression of the amplitude of the response about a selected value. The processing has been partially successful in emphasising the subtler features but it remains to be seen whether this will have a significant impact on the exploration effort. One of the side effects of this processing is that the joins between the data sets becomes noticeable in these images.

The radiometric data for the Benagerie and Pasmore areas have also been processed and hard copy images produced. The Benagerie data are of some use and some unusual responses are noted in the Uranium channel. Recent cover has affected the response in both areas and the Pasmore data are of little use.

5.0 INTERPRETATION

A good deal of exploration has been carried out in the southern and central part of the Benagerie sheet. This is an area of complex folding where folds are re-folded in synclinorial and anticlinorial structures. The strong magnetic responses are due to magnetite in calc-silicates and one of the targets is stratigraphically equivalents of the Broken Hill lode horizon. However, we are also aware of exploration on the flanks of these structures where there is little or no magnetic response. In at least one case, magnetically responsive units are used as marker horizons.

One area of current exploration interest is labelled **A** on the interpretation plan. It is clear from the gravity data that a granitoid intrusion of considerable size underlies the area. Detailed interpretation of the magnetic data indicates numerous faults which might be expected in such a structurally complex area. A major north-south fault or shear zone has also been interpreted and this could be of importance to this exploration effort.

We have interpreted two major faults which may be important. Fault **F1** is clearly defined in the southern part of the Benagerie area but there are discontinuities in the magnetic response along a north west path into the Pasmore area. We note that the uranium channel response also tends to be anomalous along this path. Fault **F2** is also clearly defined in the eastern part of the Benagerie area and it strikes into the Lake Charles area were it can no longer be traced because of the lack of magnetic contrast between rock units.

5.1 PASMORE, EL'S 2272 & 2273

Pasmore is the area of lowest gravity response and the form of the response is suggests the source is formational rather than intrusive. The source could be a sedimentary basin. The east west variation in gravity across the southern part of Pasmore is approximately 250 $\mu m/sec^2$. This suggests fairly deep cover. Simple solutions to the depth of magnetic anomalies **1** and **2** yield depths of around 2000 metres and a similar depth is indicated for magnetic anomaly **3**. These estimates have been checked after re-gridding small sections of the map to a very fine grid. Magnetic anomalies **1** and **3** lie near gradients in the gravity field and may be of exploration importance.

F1 passes into the south east part of EL2273. There is a local depression in the gravity field in this area which may reflect the presence of a granitoid or simply be an extension of sedimentary cover. In any case, the gravity field is changing which signifies a structural change. There may be some exploration potential around the nose of the magnetic anomaly near map reference **B**. The uranium response also tends to increase near reference positions **B** and **C**. We do not understand why this should be but it may be important.

5.2 BENAGERIE, EL's 2273 & 2274

Magnetic anomaly **4** lies on the eastern border of EL2273 just to the south EL2274. The anomaly occurs on a north south dyke and may simply represent a thickening of the dyke but follow up is probably required. A depth of about 400 metres is suggested to the magnetic source.

The very obvious pattern of criss-cross magnetic linears in the northern part of the Benagerie sheet is often indicative of fractures and veining in acid intrusives. The gravity field is slightly depressed here. We may be looking at laccolith type structure with the main feeder in the south eastern corner of EL2273.

5.3 LAKE CHARLES, EL2275

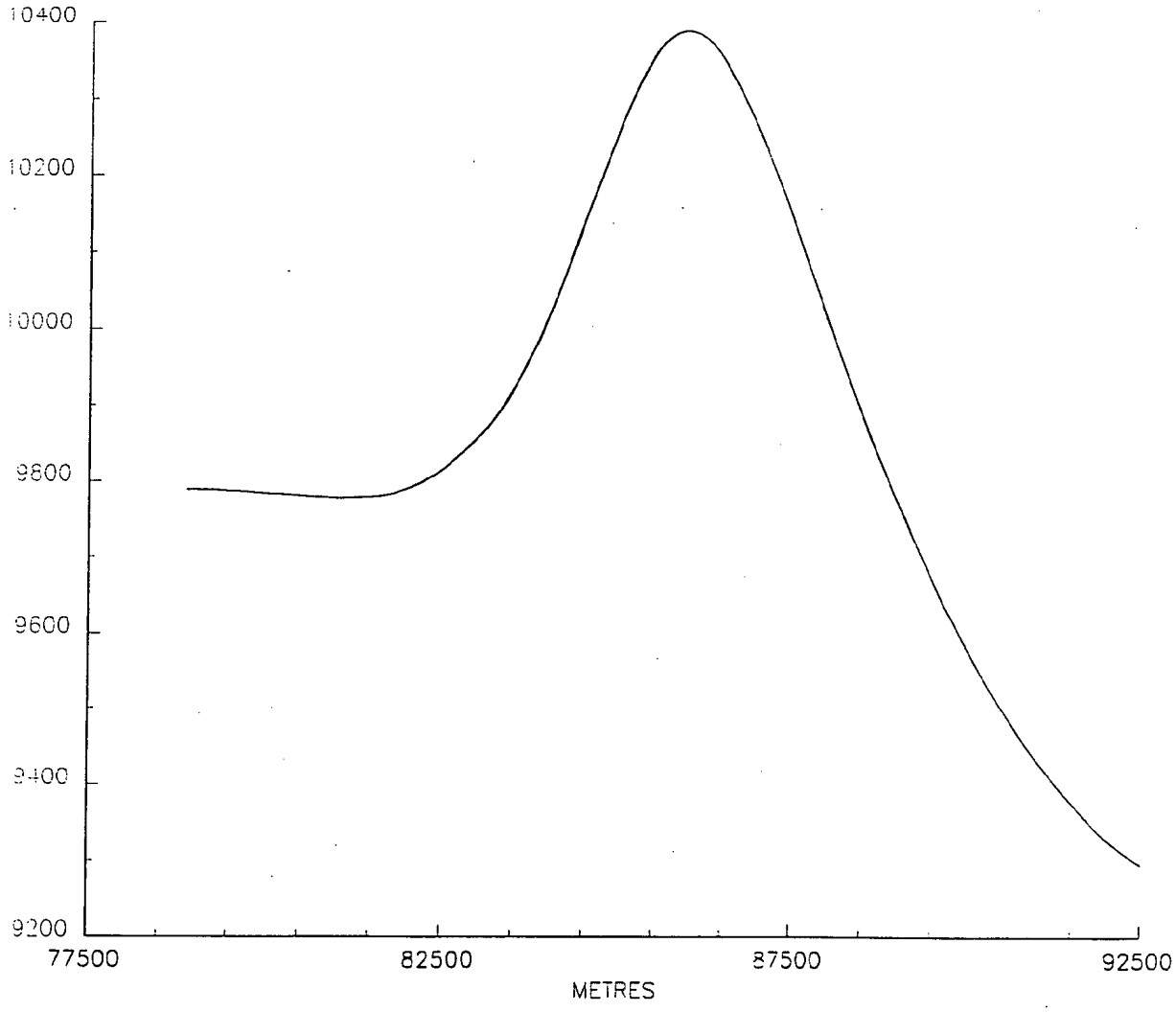
With the exception of the north western and south eastern parts of EL2275 the area is magnetically very quiet with an elevated gravity response. The gained controlled and 1VD images suggest that the calc-silicates of the Benagerie area continue into the north western part of Lake Charles. The magnetic data suggests that this is a nose position and given that previous exploration in the Benagerie has been around the calc-silicates it could be a prospective area. A calc-silicate suite is also present in the south eastern part of the EL, but perhaps at greater depth.

SELECTED MAGNETIC PROFILES

GOLDMINCO

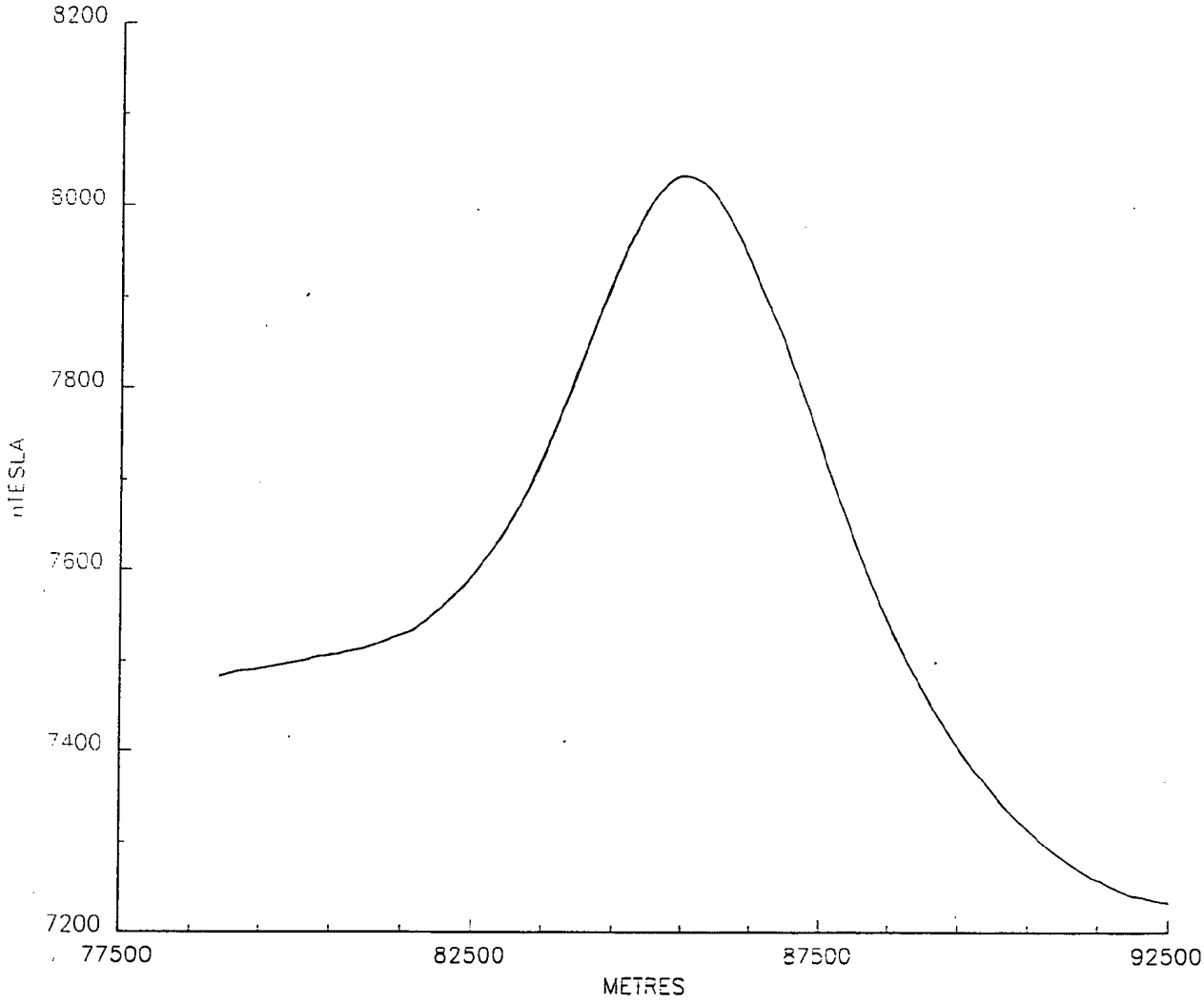
CURNAMONA PROJECT

1.0



E= METRES+300,000

1.0



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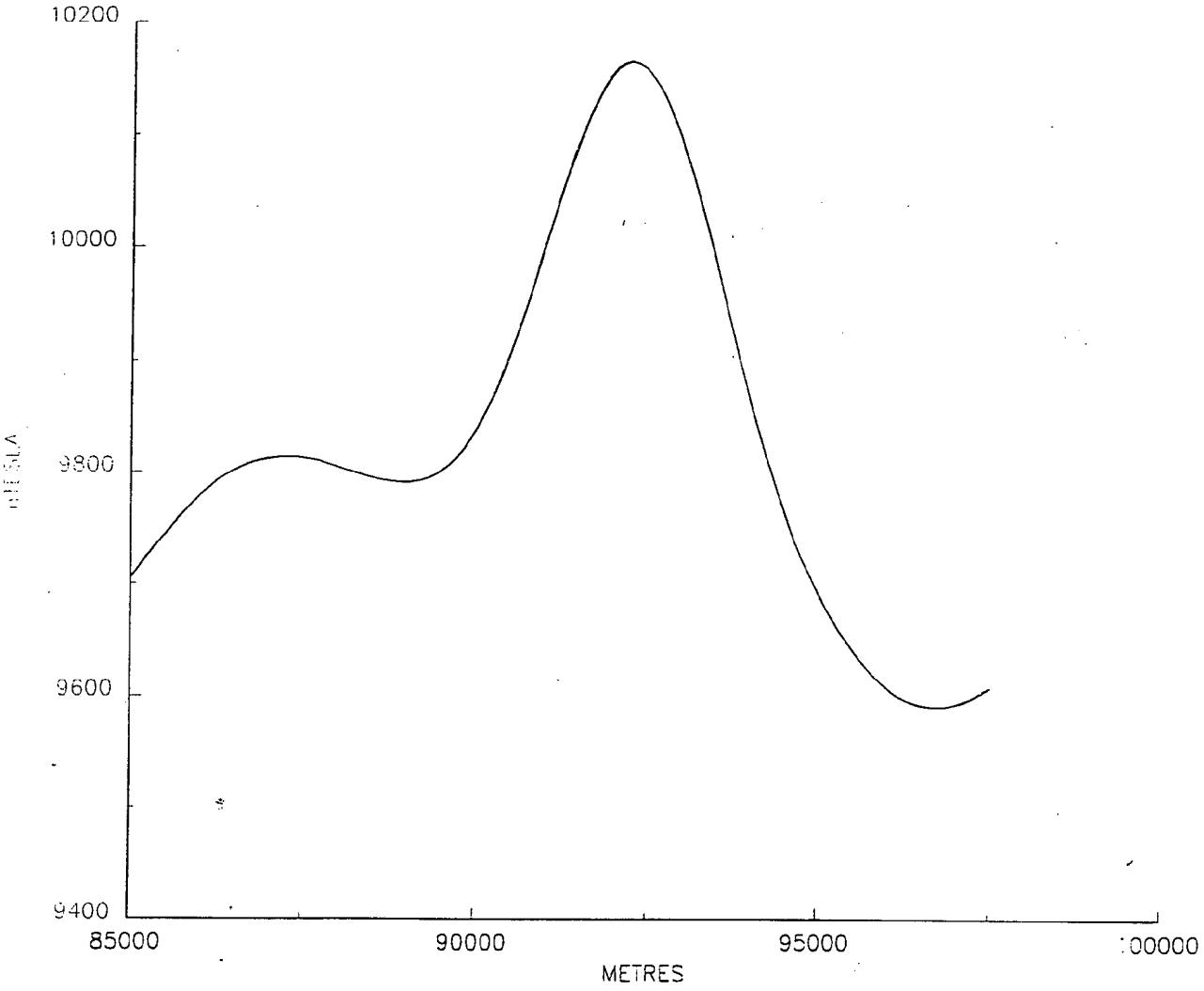
GOLDMINCO

CURNAMONA PROJECT

2.0



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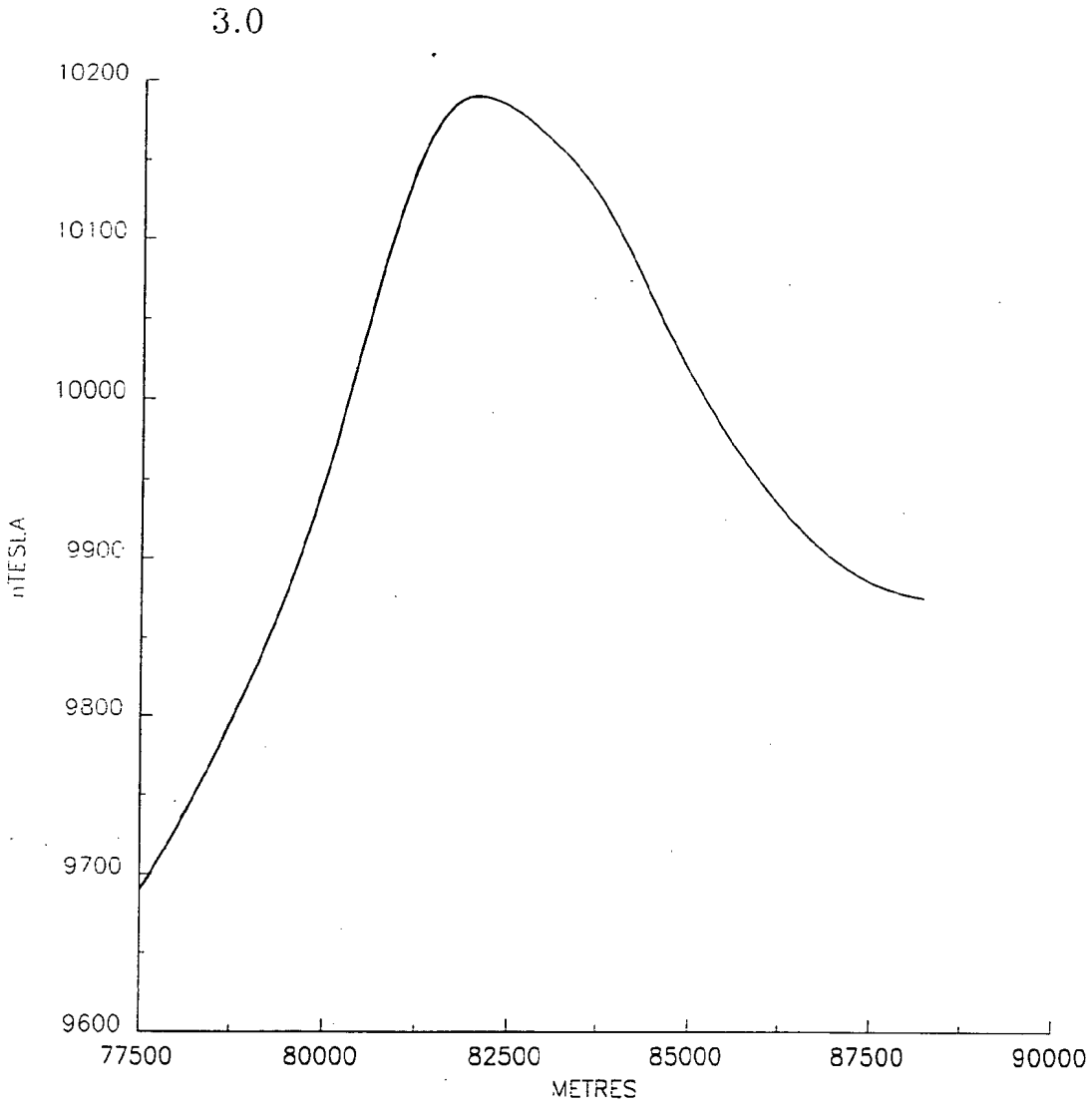

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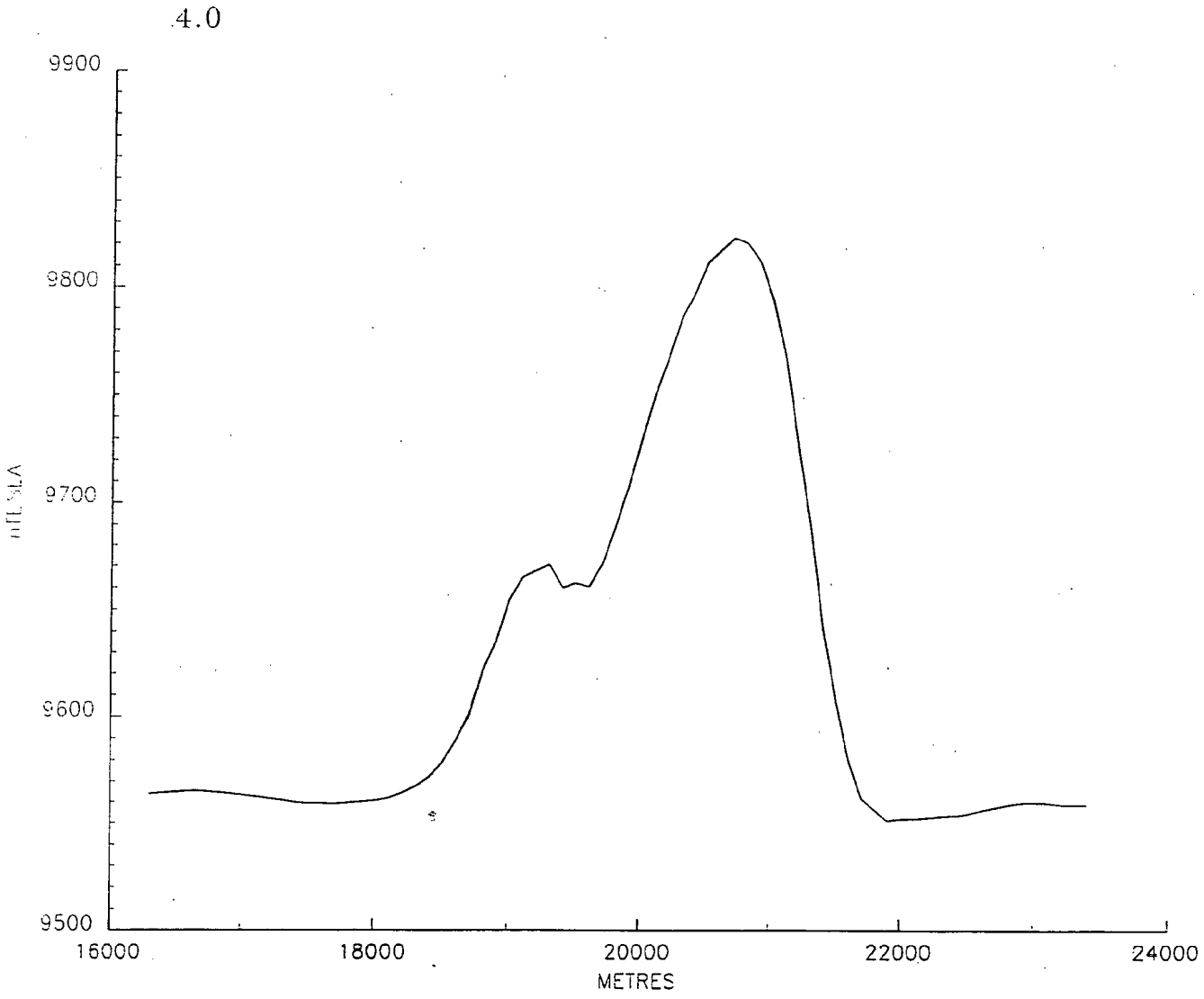
GOLDMINCO

CURNAMONA PROJECT



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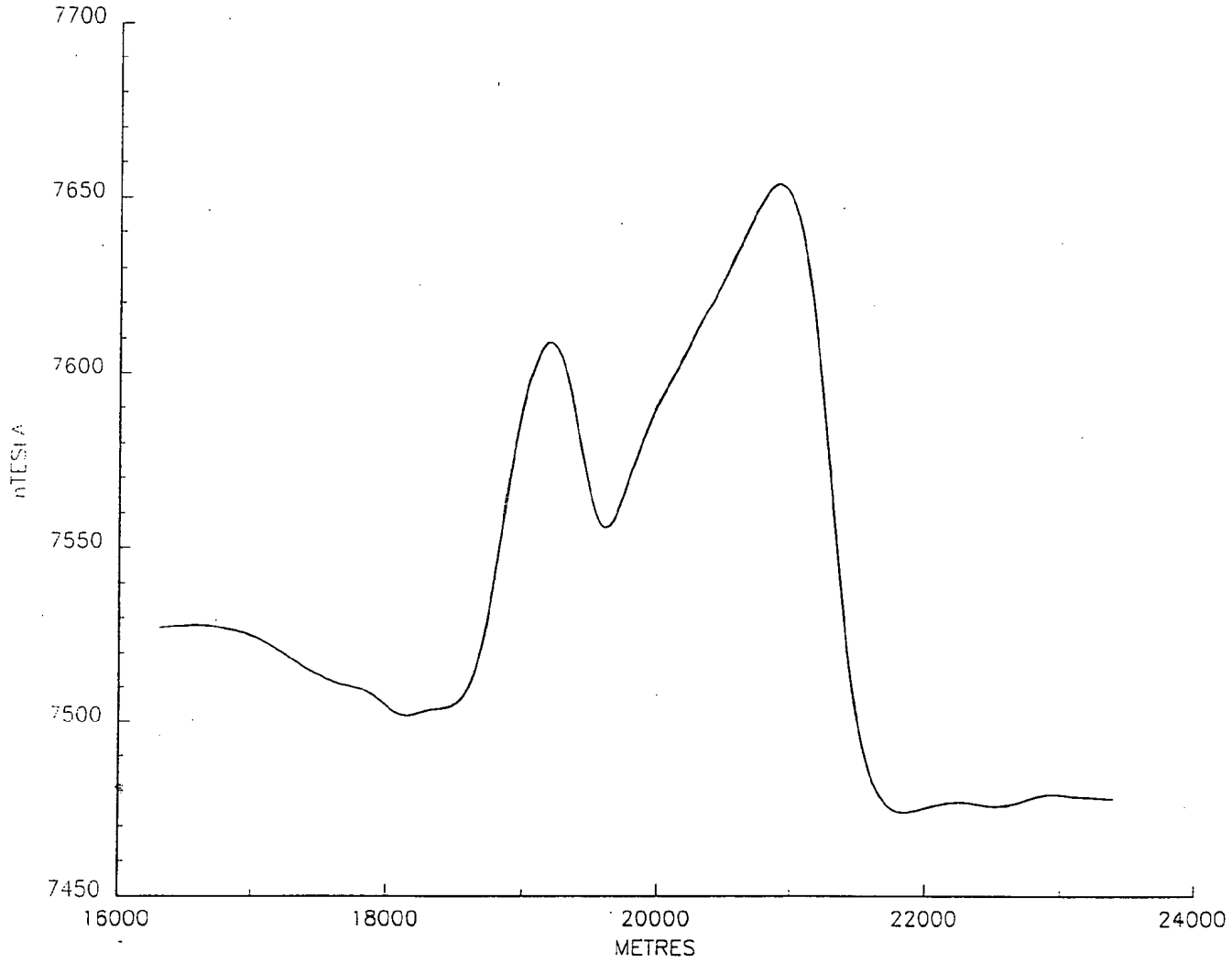
GOLDMINCO

CURNAMONA PROJECT

4.0



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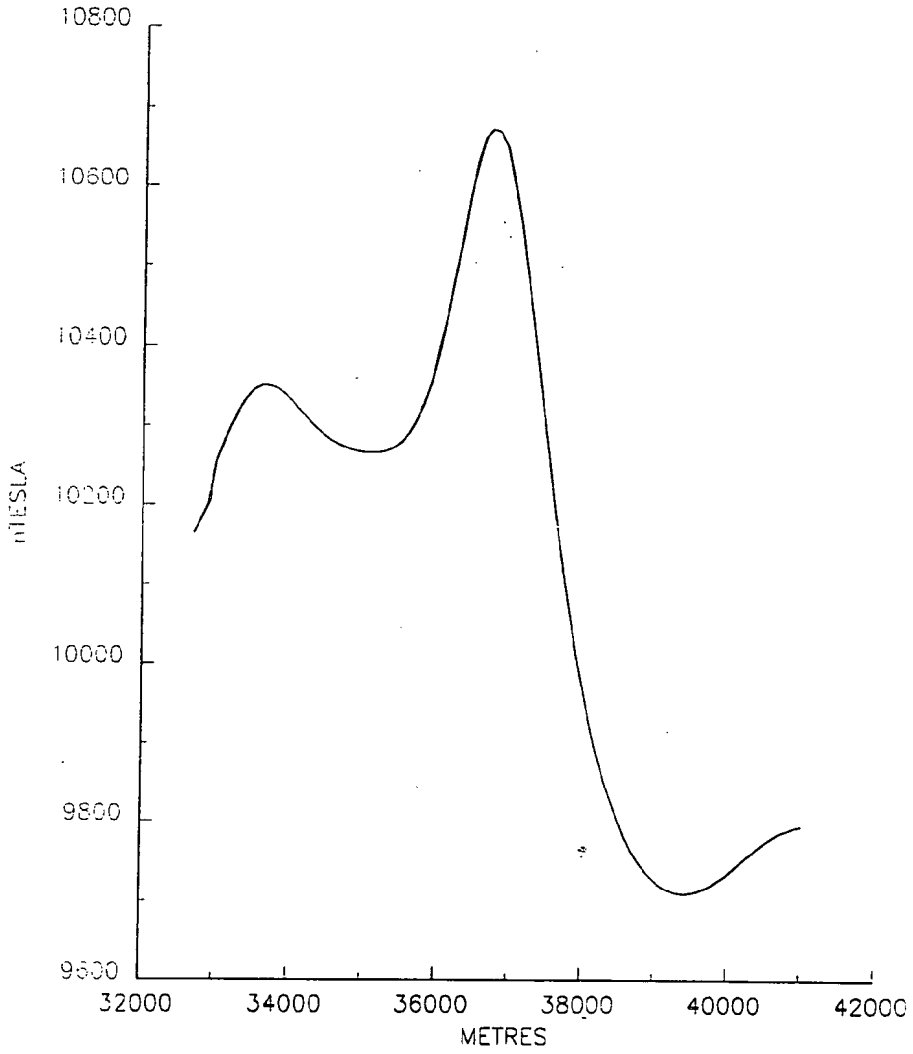

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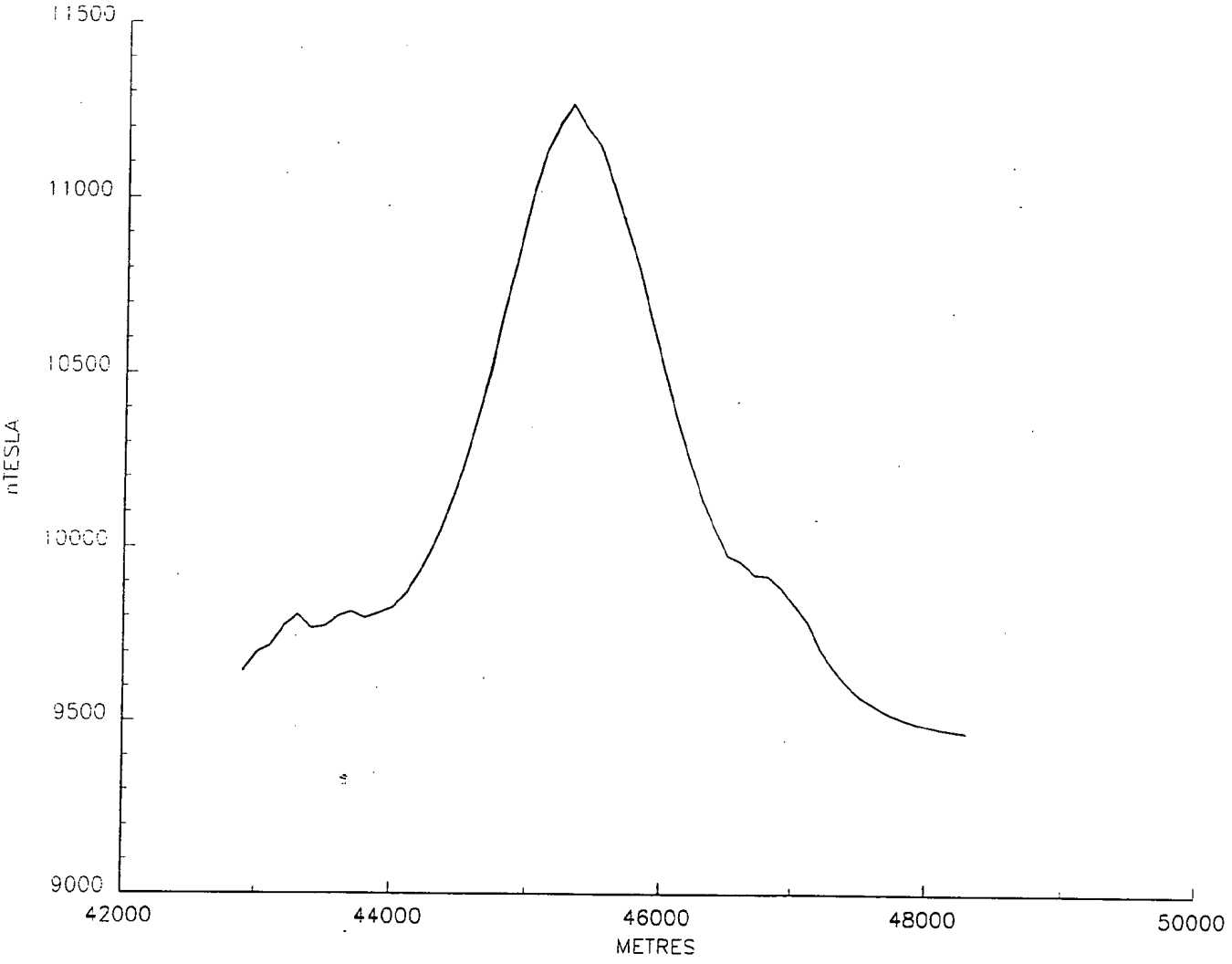

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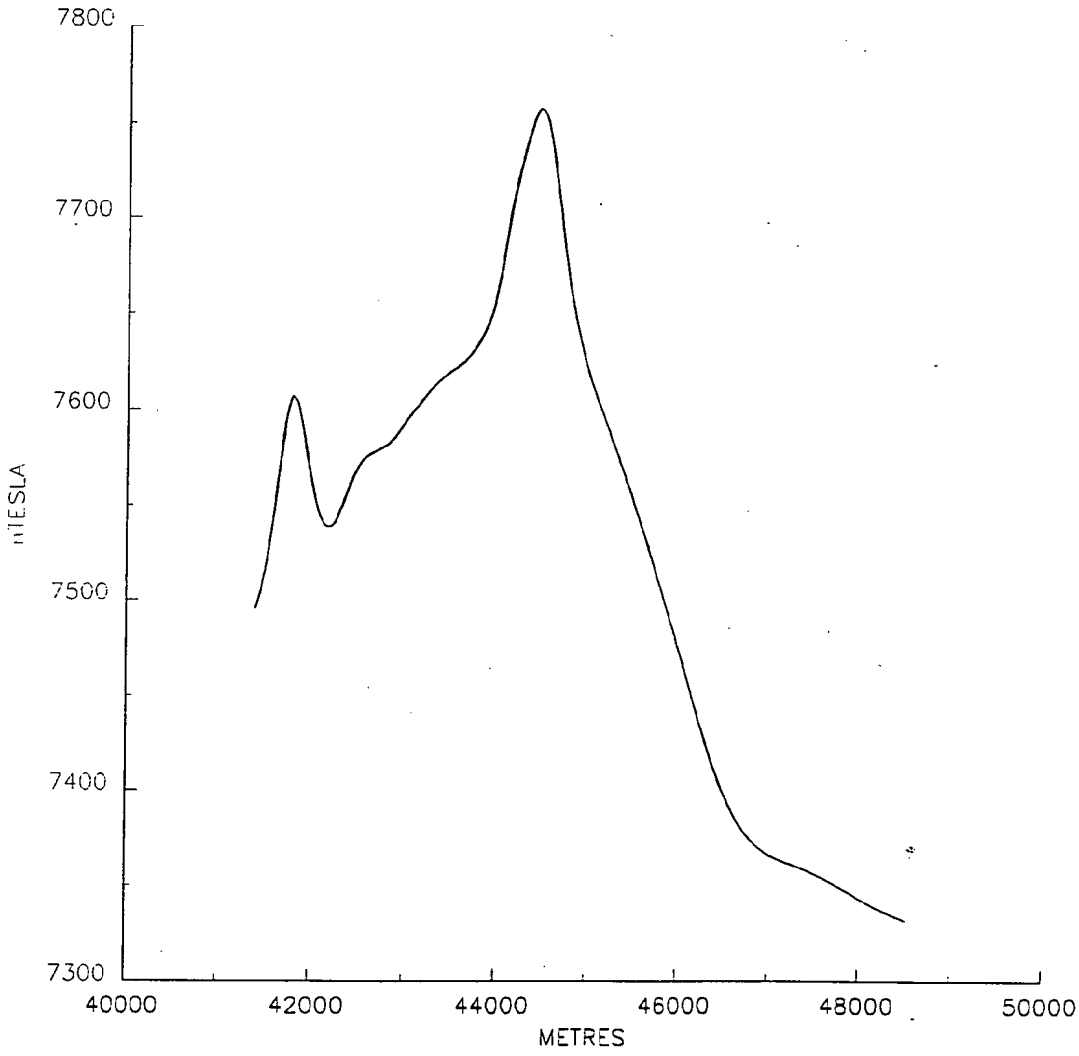
7.0



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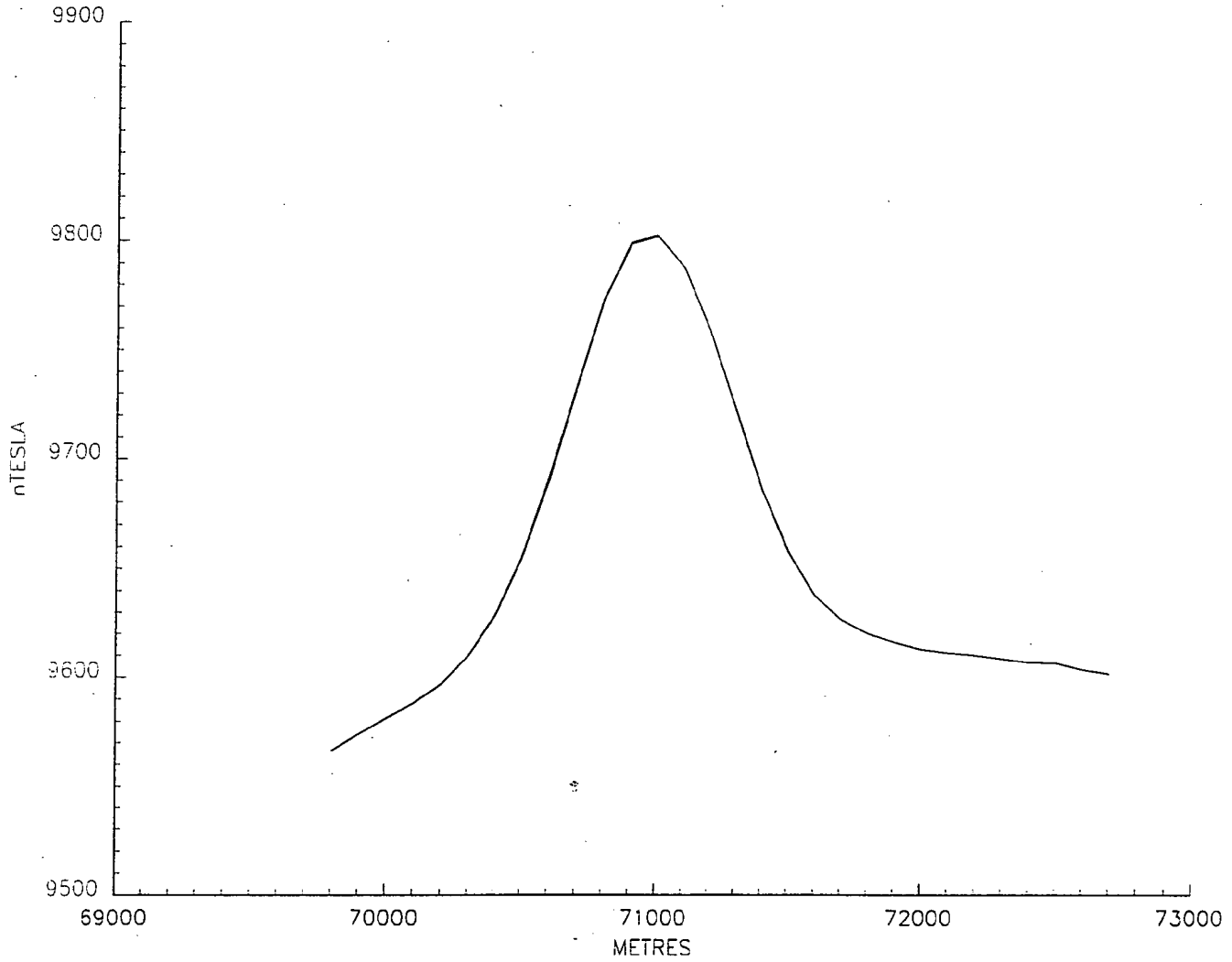
GOLDMINCO

CURNAMONA PROJECT

8.0



E= METRES+400,000

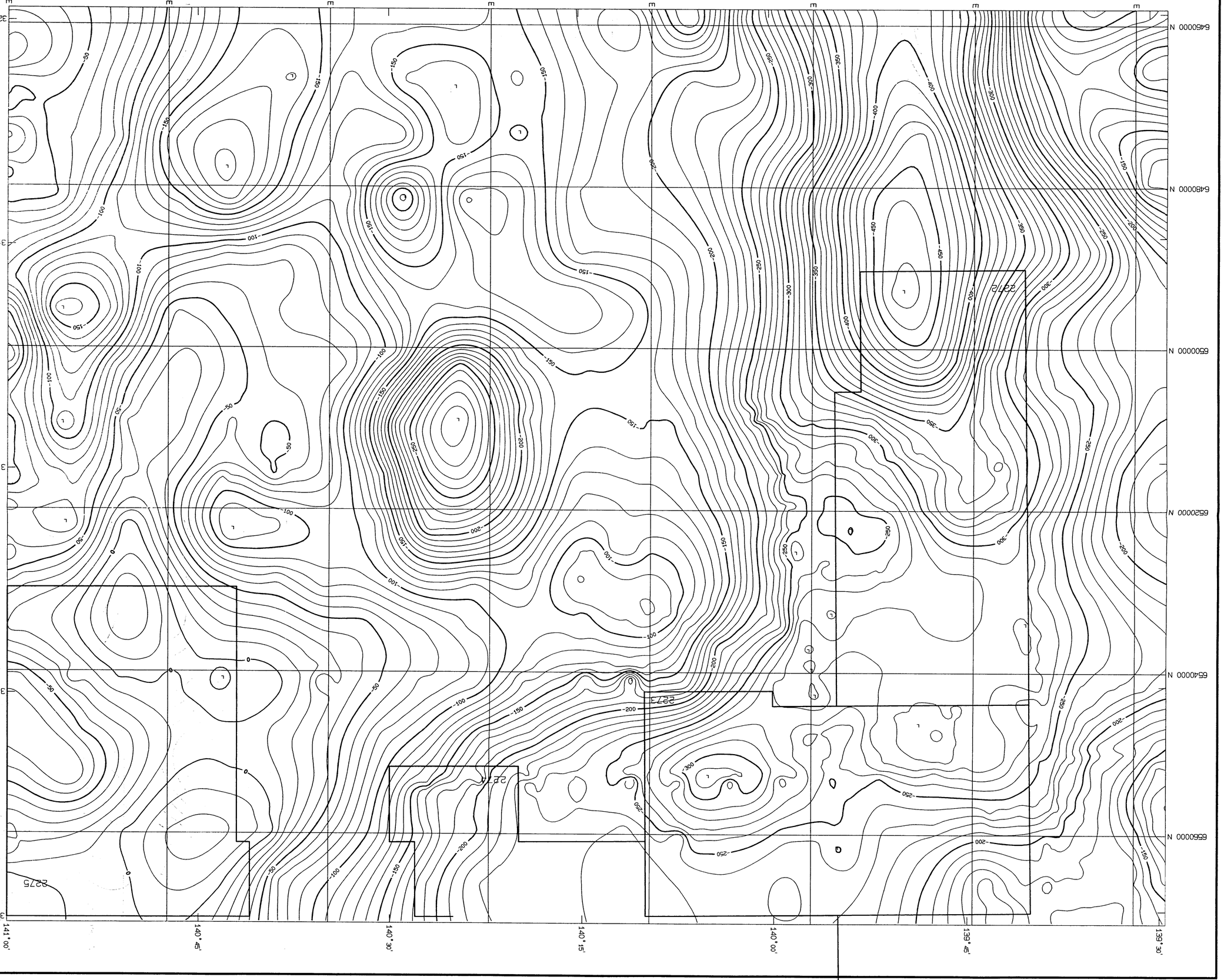
9327-6

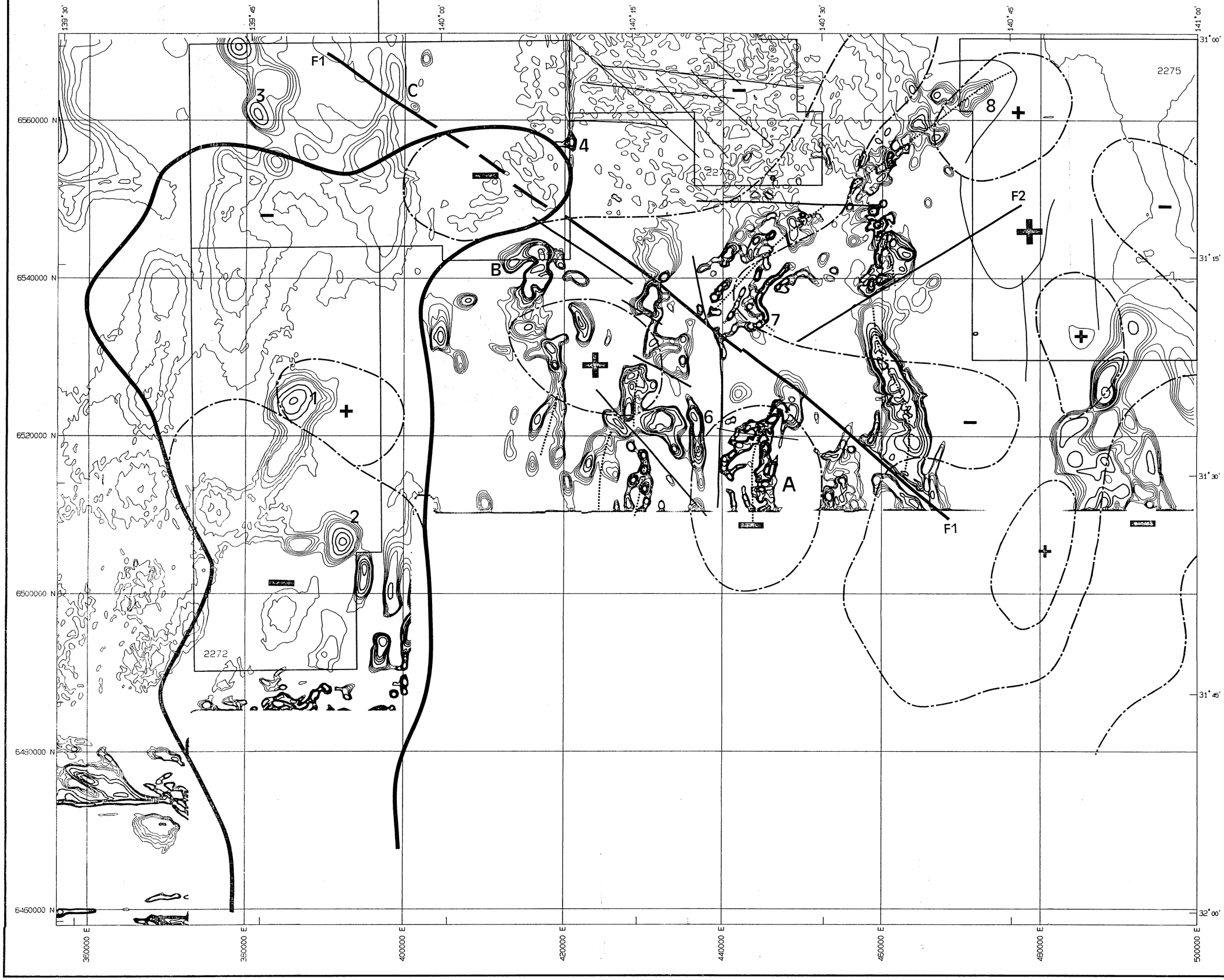
GOLDMINCO

CURNAMONA PROJECT

CURNAMONA BOUGUER GRAVITY DEN=2.67

G O DICKSON & ASSOC. OCT 1997





9327-7

GOLDMINCO

CURNAMONA PROJECT

INTERPRETIVE PLAN

G O DICKSON & ASSOC. NOV 1997

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31°00′ 31°15′ 31°30′ 31°45′ 32°00′

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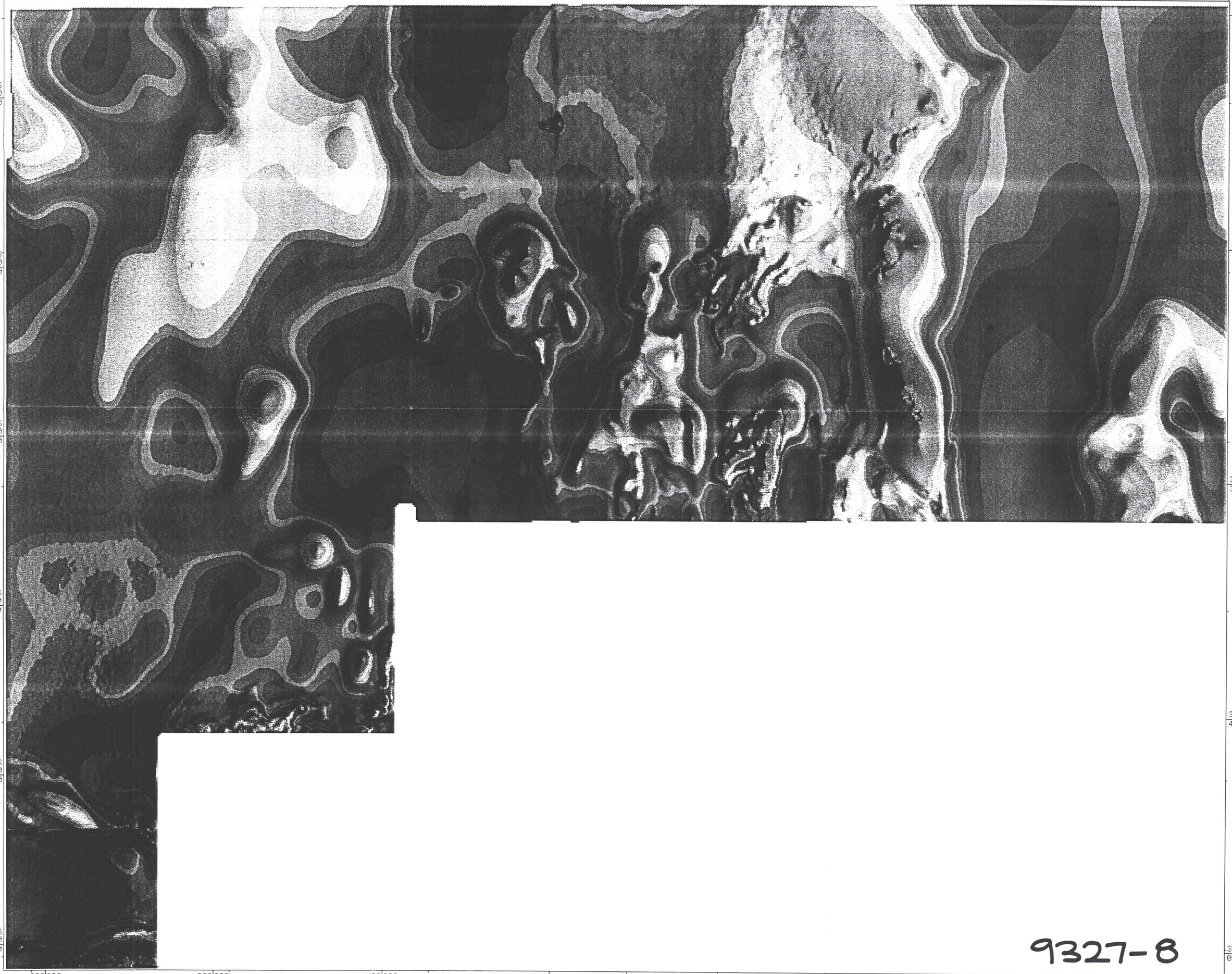
360000 380000 400000 420000 440000 460000 480000



9327-8

CURNAMONA- MAGNETIC DATA REDUCED TO THE POLE

SCALE 1:250,000 IMA 1

PALADIN RESOURCES NL
ACN: 061 681 098

245 Churchill Avenue, Subiaco Western Australia 6008
PO Box 201, Subiaco Western Australia 6904
Tel: (+61 8) 9381 4366 Fax: (+61 8) 9381 4978
Email: paladin@paladinresources.com.au
Web: www.paladinresources.com.au

Report No GR9261-4

PALADIN BRIGHTSTAR JOINT VENTURE

SECOND ANNUAL REPORT

EXPLORATION LICENCES 2272-2275

CURNAMONA URANIUM JOINT VENTURE

SOUTH AUSTRALIA

20 February 1998
to
19 February 1999

Compiled by P.J.Hogarth

April 1999

Distribution:
- Primary Industry and Resources SA (2)
- Paladin Resources NL (2)
- Black Range Minerals NL
- Goldminco NL

Accession No: 1800

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PH:FE
Ref: F09262:9261/O/9

14 April 1999

Mr George Kwitco
Company Exploration
Primary Industry and Resources SA
GPO Box 1671
ADELAIDE SA 5001

Dear Sir

RE: Exploration Licences 2272-2275, Curnamona Uranium Joint Venture

Please find enclosed two copies of the second annual report on EL's2272-2275 covering the period 20 February 1998 to 19 February 1999 covering work carried out by Goldminco NL and Paladin Resources NL.

Yours sincerely
Paladin Resources NL

PADDY HOGARTH
Tenement Manager

Encl.

CC: Keith Weston, Goldminco
John Thevissen, Brightstar Power Corporation

SUMMARY

Exploration Licences 2272-2275 were granted on 20 February 1997. The Paladin Brightstar Joint Venture (PBJV), with Paladin as manager, farmed into the tenement area on 22 May 1997, with Goldminco NL retaining rights to the Proterozoic basement.

Work carried out by the PBJV in the year ended 19 February 1999

- Further negotiations with Native Title Parties to allow access to the land for exploration and drilling activities.
- Continuing research and compilation of previous drilling data including gamma logs, lithology logs and redox maps.
- Drilling of 57 drill holes (5,588 metres) in EL2275.

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FIGURES

APPENDICES

1 INTRODUCTION

Exploration Licences 2272-2275, covering areas of 1225km², 1262km², 870km² and 1176km² respectively, were granted to Malanti Pty Ltd on 20 February 1997 and were transferred to an associated company, Goldminco NL (Goldminco), after the float of that company, on 24 April 1997. A heads of agreement was signed on 22 May 1997 by Goldminco and the Paladin Energy Minerals NL / Brightstar Power Corporation Pty Ltd Joint Venture (PBJV) forming the Curnamona Uranium Joint Venture. With Paladin as manager, the PBJV is earning an interest in the sedimentary rocks overlying basement with Goldminco retaining rights to the Proterozoic basement.

This report covers all work carried out by Goldminco and the PBJV during the second year of tenure to 19 February 1999.

2. LOCATION AND ACCESS

EL's 2272-2275 lie about 400 kilometres north of Adelaide, South Australia. They form a near contiguous block extending south and east of Lake Frome, from Frome Downs Homestead to the NSW border, on the Frome SH54-10 and Curnamona SH54-14 1:250,000 map sheets. *(Figure 1).*

Access is gained over graded gravel roads, from Yunta on the Adelaide-Broken Hill Highway, or from Hawker on the Porter Augusta-Marree road. The area is traversed by numerous station tracks.

3. MINING TENEMENTS

Tenement details are tabulated below and shown in *Figure 2*:

SOUTH AUSTRALIA

Licence	Name	Holder	Date Granted	Expiry Date	Area Blocks/km²	Expenditure Commitment $
PROJECT 9261 - CURNAMONA URANIUM JV *(PALADIN & BRIGHTSTAR earning 37.5% each)*						
EL2272	Curnamona	GOLDMINCO	20 Feb 97	19 Feb 00	419/1225	150,000
EL2273	Frome Downs	GOLDMINCO	20 Feb 97	19 Feb 00	430/1262	150,000
EL2274	Billeroo Creek	GOLDMINCO	20 Feb 97	19 Feb 00	296/870	115,000
EL2275	Mulyungarie	GOLDMINCO	20 Feb 97	19 Feb 00	401/1176	145,000

EL's 2272-2275 have been renewed for a further twelve month period following their second anniversary on 20 February 1999.

4. NATIVE TITLE

The exploration licences are affected by three native title claims as follows:

Claim	Name	Date Lodged	Affecting Licences	Mining Native Title Agreement
SC 95/4	Kuyani	19 Sep 95	EL 2272 (all) EL 2273 (all) EL 2274 (all) EL 2275 (all)	YES
SC 97/1	Adnyamathanha	7 Feb 97	EL 2272 (all) EL 2273 (all) EL 2274 (part)	YES
SC97/2	Adnyamathanha	25 Jul 97	EL 2272 (all) EL 2273 (all) EL 2274 (part)	NO

The boundaries of the claims in the Lake Frome region and relevant exploration licences are shown in *Figure 2.*

Agreements as prescribed under Part 9B of the Mining Act 1971 have been made with the SC 95/4 claimants and the SC 97/1 claimants. Both agreements have been lodged with PIRSA for registration. The PBJV has been unable to reach agreement with the SC 97/2 claimants.

Advice has recently been received that the SC 97/1 and SC 97/2 claimants have taken steps to amalgamate their respective claims with the SC 94/1 claim which lies to the north of the Lake Elder licences and has not previously affected them. The amalgamated claim is now in the process of undergoing the re-registration test under the amended Commonwealth Native Title Act. The effect of the amalgamation on the exploration licences and the existing SC 97/1 agreement remains to be seen.

5. REGIONAL GEOLOGY AND URANIUM MINERALISATION

Palaeochannel uranium mineralisation occurs within Tertiary units of the Frome Basin a low land embayment bound to the west, east and south by the Flinders, Barrier and Olary Rangers.

Roll front type uranium mineralisation occurs in favourable fluviatile systems adjacent to basement highs acting as source areas for the uranium. Uranium leached from these source areas is transported in the oxidised groundwater systems which predominately flow within palaeochannels. Deposition of uranium occurs where the transporting waters meet reduced sediments. A number of palaeochannel systems have been identified (*Figure 3*). Economic uranium mineralisation within the channels can occur as both lateral and terminal roll fronts.

The sediments (and uranium deposits contained within them) are fully saturated thereby rendering them amenable to in-situ leach (ISL) extraction techniques.

Palaeochannels within the Frome Basin are typically located at 50 to 120m depth and are up to several kilometres wide with local variations. They are incised into the Proterozoic, Cambrian or Cretaceous basement. The lower portions of the principal palaeochannels consist of Eocene sediments, predominantly sands with subordinate clays. These are overlain by Pliocene and Miocene sediments where silt and clay predominate over sand. Uranium mineralisation occurs preferentially in the Eocene (Eyre Formation) sediments although the largest single deposit (at Beverley) is hosted by Miocene (Namba Formation) sediments. In many areas the channels contain a number of distinct aquifers, separated by clay layers (aquitards). Uranium mineralisation occurs in close association with redox interfaces. In unoxidised sediments, sand and clay show abundant evidence of primary organic content. Low temperature pyrite is common. The influx of oxidising water from uraniferous basement source rocks has resulted in numerous geochemical oxidation (redox) cells, moving down the hydrological gradient. These have leached, transported and deposited uranium.

6. TENEMENT GEOLOGY

The geological environment in each of the four exploration licences was described in the first annual report for the Curnamona Uranium Joint Venture *(Hogarth, 1998)* and is not repeated here.

7. PREVIOUS INVESTIGATIONS

Extensive sedimentary uranium exploration in the Frome Basin commenced in 1969 and continued until 1982. Potential for uranium within Tertiary palaeochannel sediments of the Eyre Formation was first recognised by Professor Eric Rudd, whose early exploration work intersected radioactive sediments in what is now known as the Billeroo Palaeochannel. Rudd's work led ultimately to the discovery of the Gould's Dam deposit by Minad-Teton in 1974. Sedimentary Uranium commenced exploration in 1970 and discovered the small Yarramba and East Kalkaroo deposits. At the same time MIM intersected anomalous radioactivity south of Yarramba at the South Eagle Prospect while Minad-Teton operating on adjacent ground discovered the Honeymoon deposit in 1972. Also in the same period, the Beverley deposit was being defined by a Petromin/Oilmin/Transoil JV which had discovered an anomalous radioactive cell within sediments of the younger Namba Formation close to the uranium rich rocks of the Mount Painter Province.

When the PBJV started the Frome Project it was estimated that sedimentary uranium exploration in the area resulted something in excess of 4000 rotary holes being drilled in an area of 50,000km^2.

Accordingly a comprehensive database was compiled to include all previous drilling with relevance to uranium mineralisation. A total of 4060 holes were identified and incorporated in the Paladin computer system including 340 holes drilled in the four Curnamona licences as tabulated below:

LICENCE	DRILL HOLES
EL 2272	51
EL 2273	29
EL 2274	24
EL 2275	236

Data compiled includes basic geology, radiometric and redox information as well as detailed locations and RL's.

The location of the drill holes in each of the licences is shown in *Figures 4, 5, 6, 7 and 8* and drill hole data for the four licences is summarised in Appendix 1.

8. INVESTIGATIONS 1998-99

8.1 Database Compilation

The database compiled in 1997-98 was further added to and refined during the year. Historical drilling records were checked and cross-referenced to eliminate duplication and errors with attention being paid to drill hole location, collar elevations and logging inconsistencies. Gamma logs were digitised for all available holes in the Curnamona licences.

8.2 Mud Drilling

A mud-drilling programme was in progress in EL2275 at the start of the 1998-99 licence year in February 1998. 39 holes had been drilled to 19 February 1998 and preliminary results for those holes were presented in the First Annual Report for the Curnamona Uranium Joint Venture. A further 26 holes were drilled in February – March 1998 to complete the programme.

A further 31 holes were drilled in EL2275 in April – May 1998. The location of all holes drilled is shown in *Figure 9*.

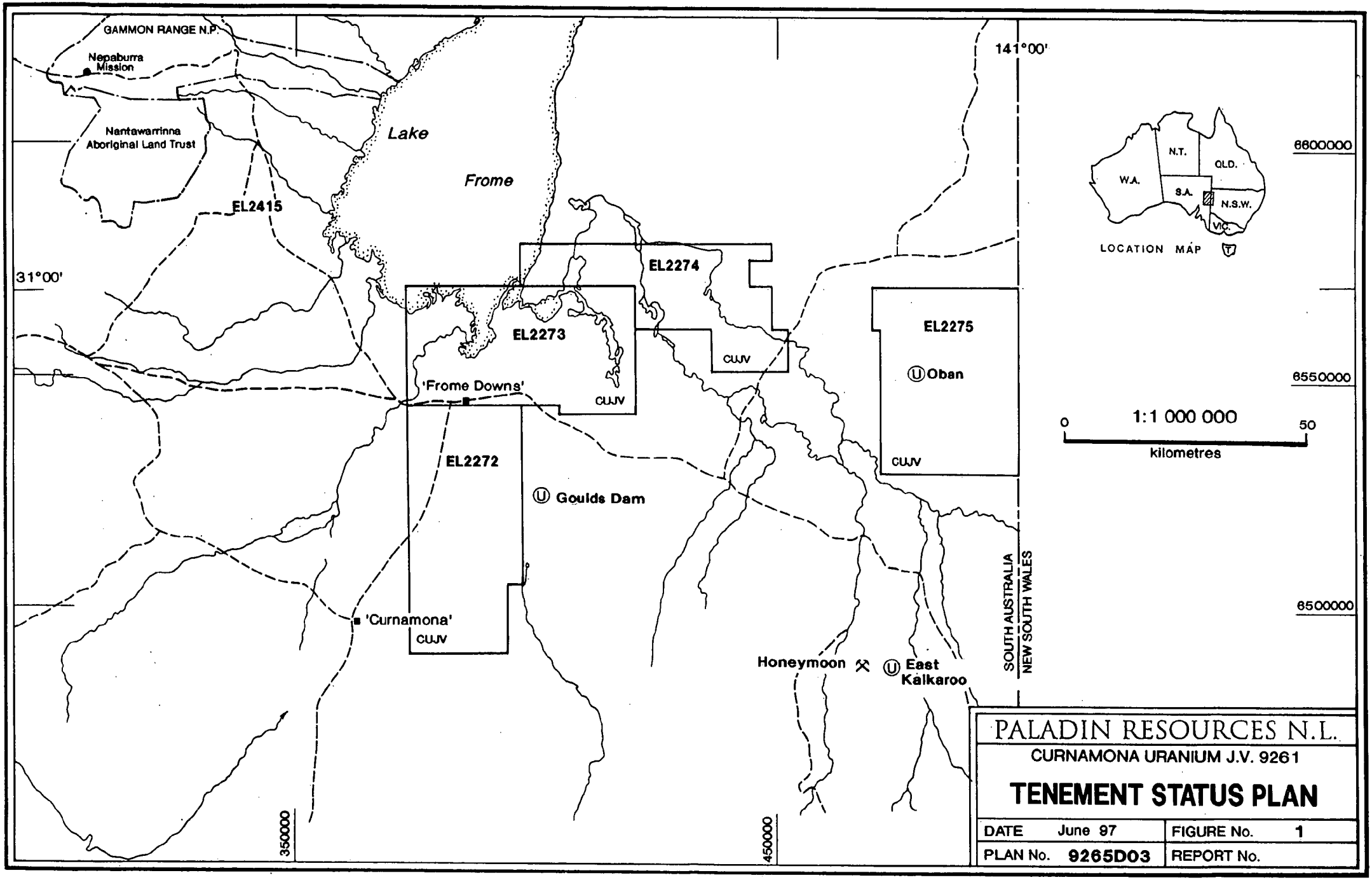
Lithology logs were compiled for all drill holes using Paladin's Sedlog logging codes. The logging was done at two-metre sample intervals for the superficial and Namba Formation units and at one-metre sample intervals for the Eyre

Formation and basement units. Appendix 2 contains a table of drill holes and drill hole logs for all 96 holes drilled since drilling commenced in EL2275.
All holes were gamma logged using the Paladin Mt Sopris Series 2 logger immediately after completion. Electric logs (SP and R) were run on all holes.

Holes were backfilled with drill cuttings until they blocked and then tamped down. Suregel (or equivalent) was not used.

9. REFERENCES

Hogarth P,J, 1998; First Annual Report on Exploration Licences 2272-2275, Curnamona, South Australia; Paladin Resources NL unpublished company report.

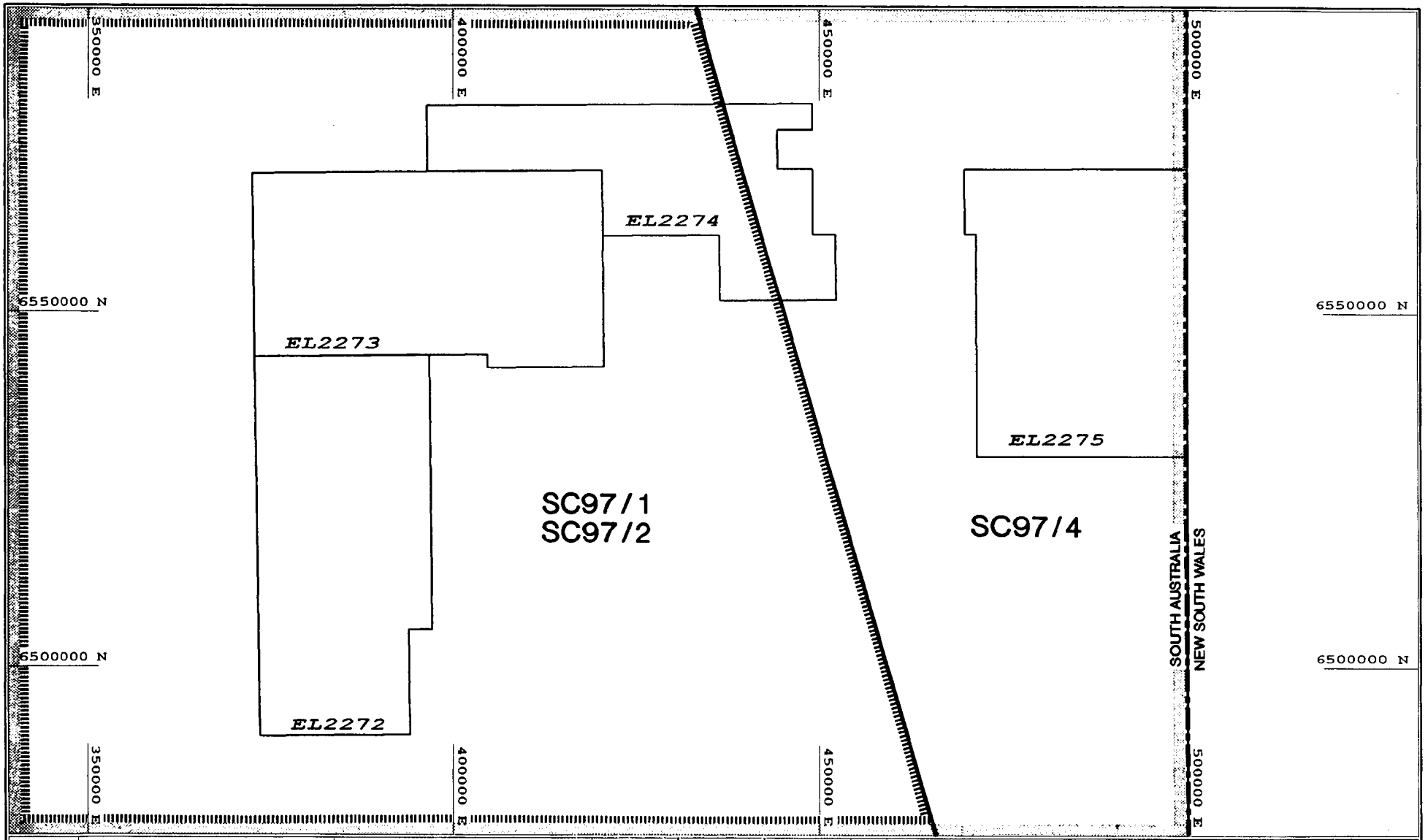


PALADIN RESOURCES N.L.

CURNAMONA URANIUM J.V. 9261

TENEMENT STATUS PLAN

DATE June 97	FIGURE No. 1
PLAN No. 9265D03	REPORT No.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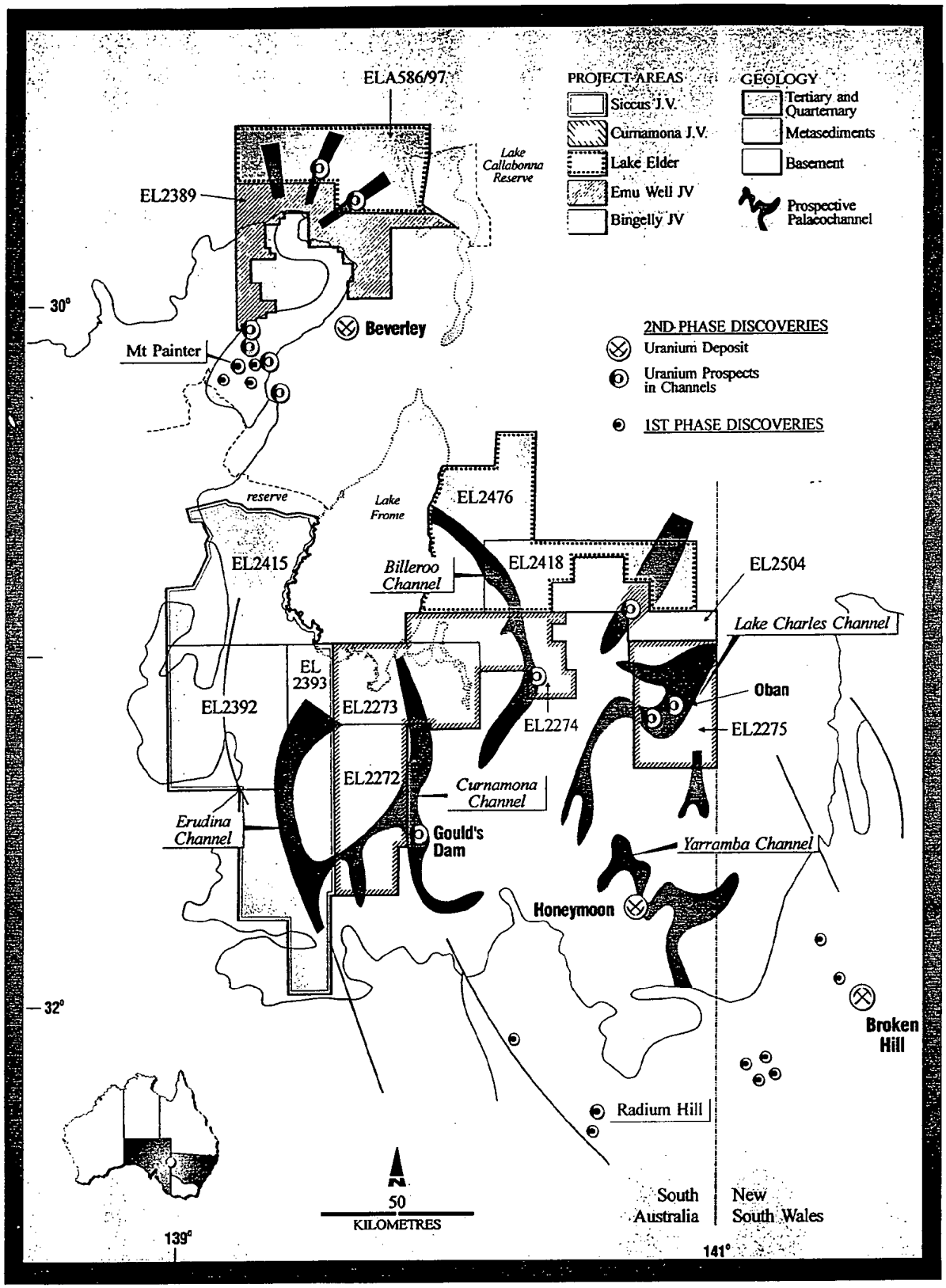
450000 E
500000 E
6550000 N
6500000 N
EL2274
EL2273
EL2272
EL2275
SC97/1
SC97/2
SC97/4
SOUTH AUSTRALIA
NEW SOUTH WALES
Scale
1 : 750000
DATE
14/4/1999
PLAN No
#plan_no
FILE
TR-99-CUJV
FIG No
#fig_no
PALADIN RESOURCES NL for
CURNAMONA URANIUM JOINT VENTURE
TENEMENT BOUNDARIES

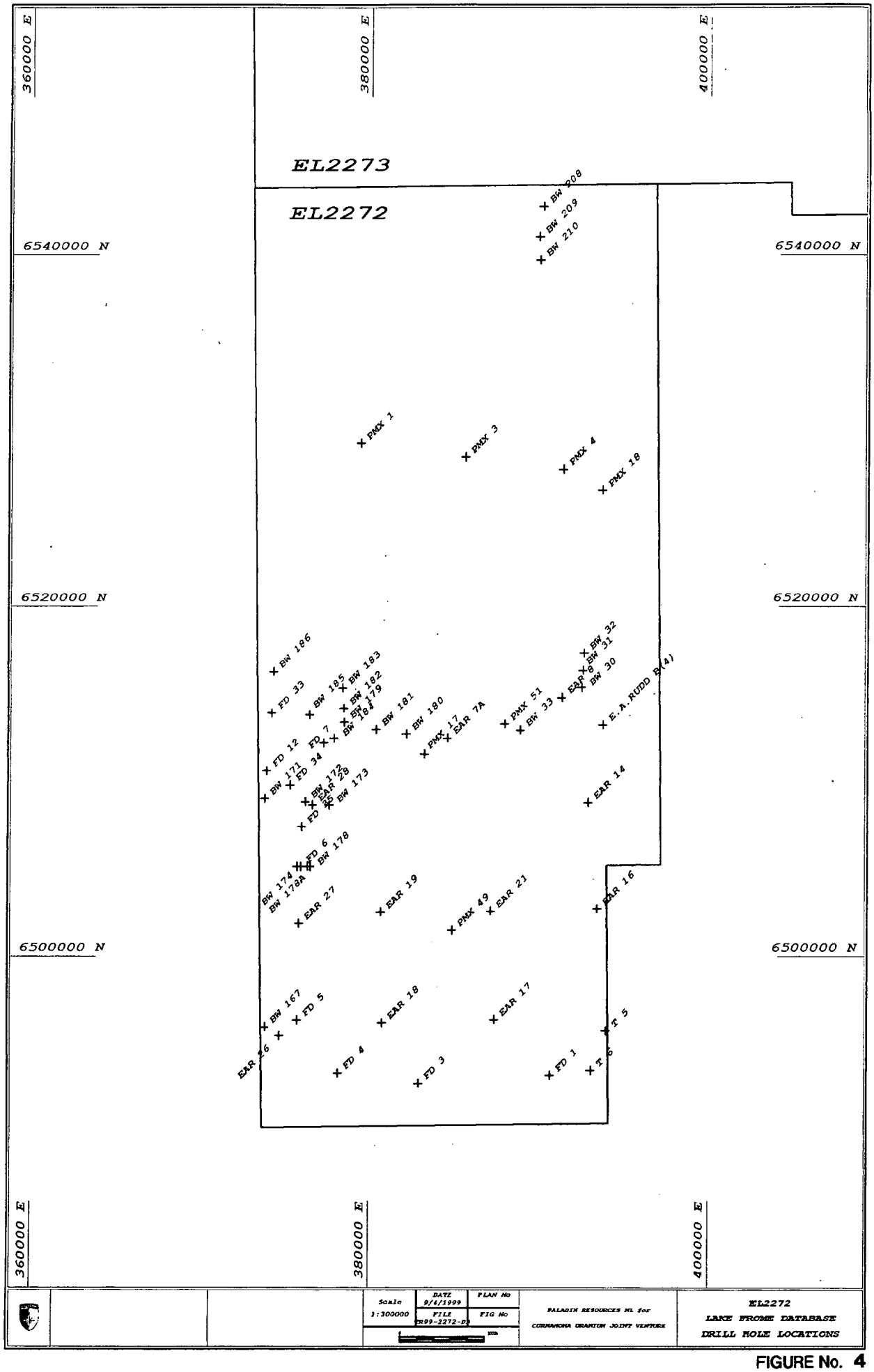
FIGURE No. 2



FROME BASIN

INTERPRETED PALAEOCHANNELS

FIGURE No. 3
PLAN No. 9265A31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380000 E
400000 E
EL2273
EL2272
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6520000 N
6500000 N
BW 208
BW 209
BW 210
PMX 1
PMX 3
PMX 4
PMX 18
BW 186
FD 33
BW 185
BW 183
BW 182
BW 179
BW 184
FD 12
FD 7
BW 181
BW 180
PMX 17
EAR 7A
PMX 51
BW 33
EAR 8
BW 32
BW 31
BW 30
E.A.RUDD B(4)
BW 171
FD 34
BW 172
EAR 28
BW 173
EAR 14
FD 6
BW 178
BW 174
BW 178A
EAR 27
EAR 19
PMX 49
EAR 21
EAR 16
BW 167
FD 5
EAR 18
EAR 17
EAR 26
FD 4
FD 3
FD 1
T 5
T 6
Scale
1:300000
DATE
9/4/1999
PLAN No
FILE
TR99-2272-D3
FIG No
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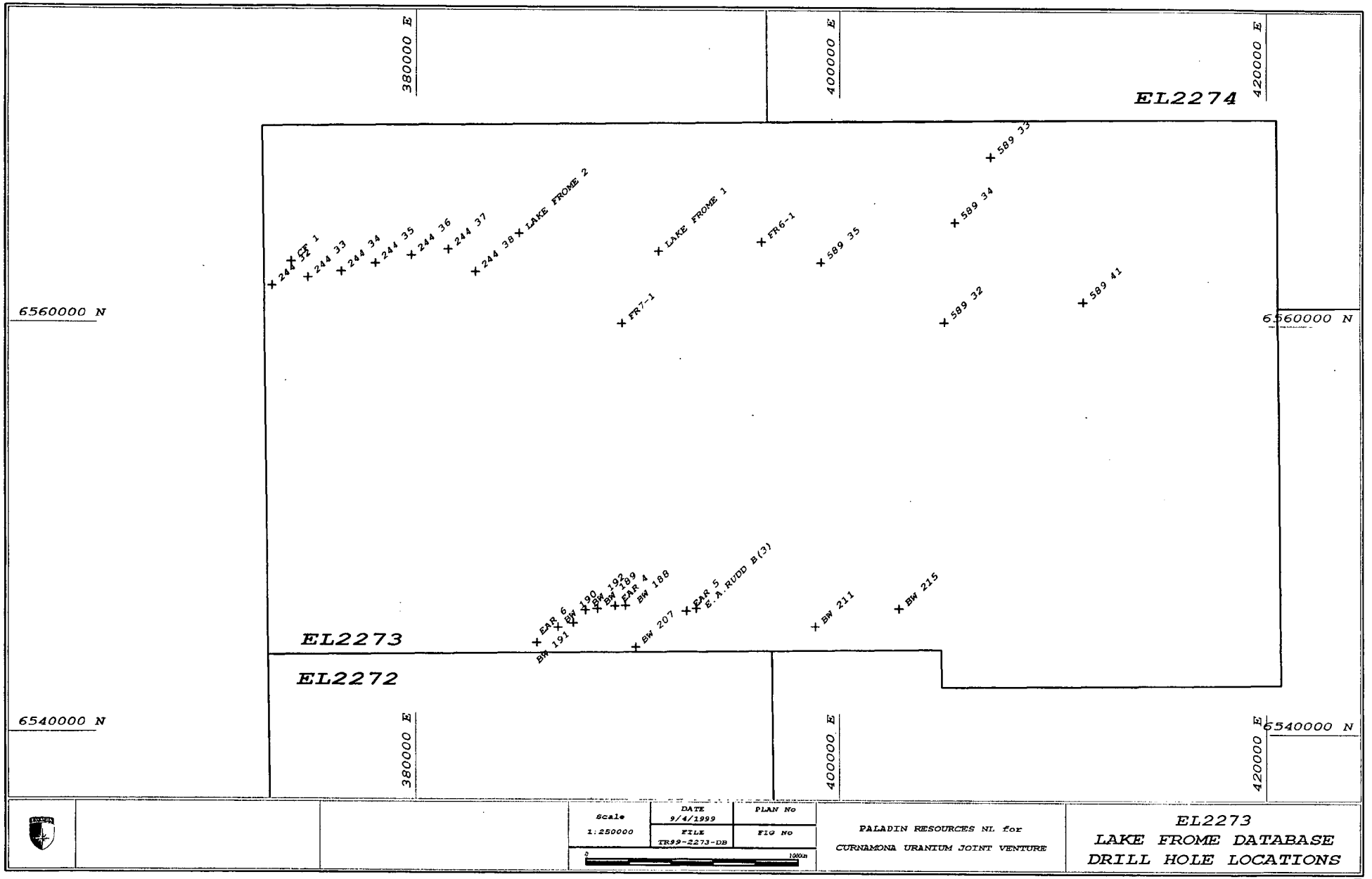
CORNAMONA CRANIUM JOINT VENTURE
EL2272
LAKE EROME DATABASE
DRILL HOLE LOCATIONS

FIGURE No. 4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400000 E
420000 E
EL2274
6560000 N
6560000 N
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244 33
244 34
244 35
244 36
244 37
244 38
LAKE FROME 2
LAKE FROME 1
FR6-1
FR7-1
589 33
589 34
589 35
589 32
589 41
EAR 6
BW 191
BW 190
BW 192
BW 189
EAR 4
BW 188
BW 207
EAR 5
E.A.RUDD E(3)
BW 211
BW 215
EL2273
EL2272
6540000 N
6540000 N
380000 E
400000 E
420000 E
Scale
1:250000
DATE
9/4/1999
PLAN No
FILE
TR99-2273-DB
FIG No
0
1000m
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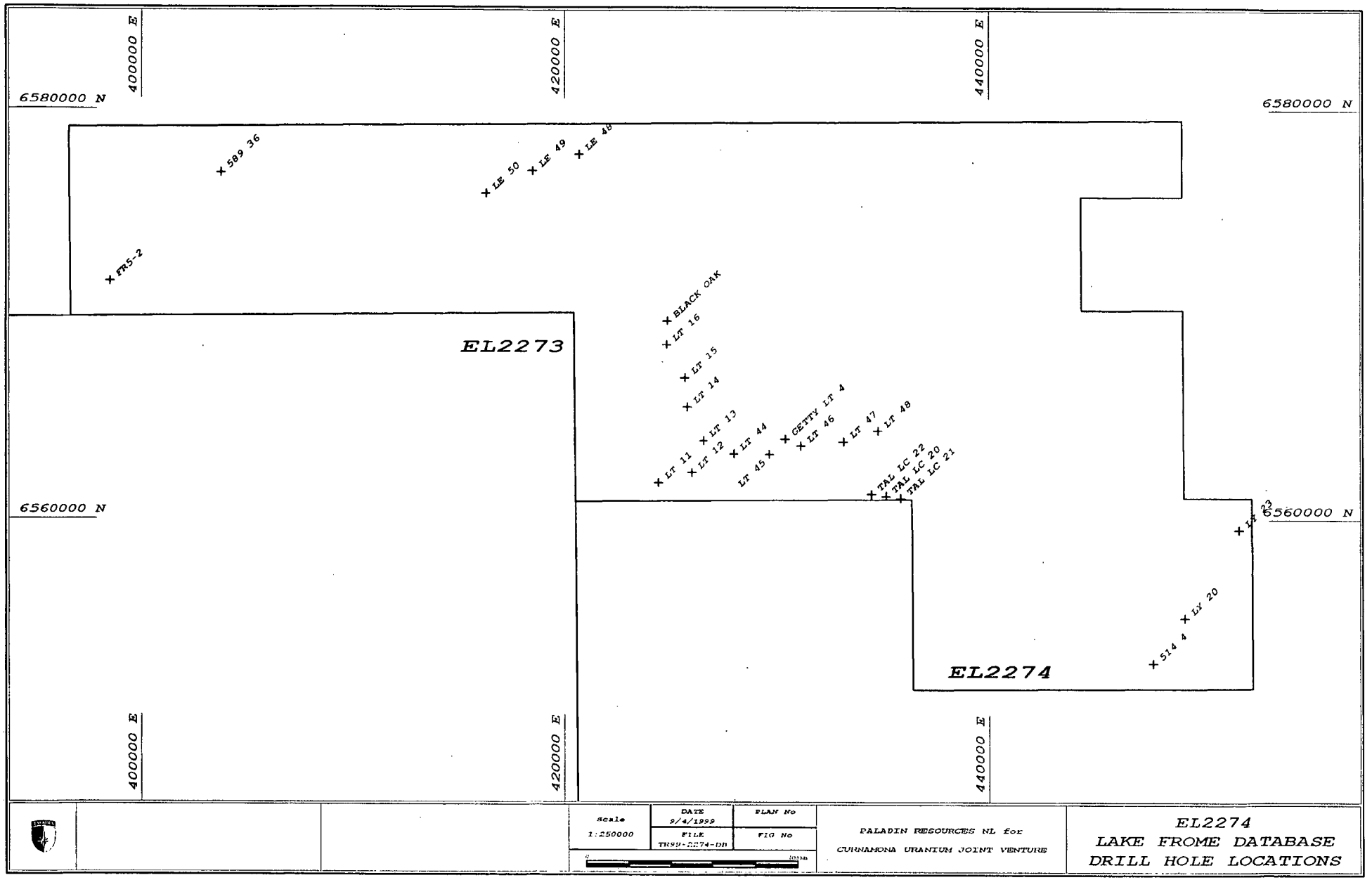
CURNAMONA URANIUM JOINT VENTURE
EL2273
LAKE FROME DATABASE
DRILL HOLE LOCATIONS

FIGURE No. 5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440000 E
6580000 N
6560000 N
589 36
LE 50
LE 49
LE 48
FR5-2
EL2273
BLACK OAK
LT 16
LT 15
LT 14
LT 13
LT 12
LT 11
LT 44
LT 45
GETTY LT 4
LT 46
LT 47
LT 48
TAL LC 22
TAL LC 20
TAL LC 21
LT 22
LT 20
514 4
EL2274
Scale
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DATE
9/4/1999
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TR99-2274-DB
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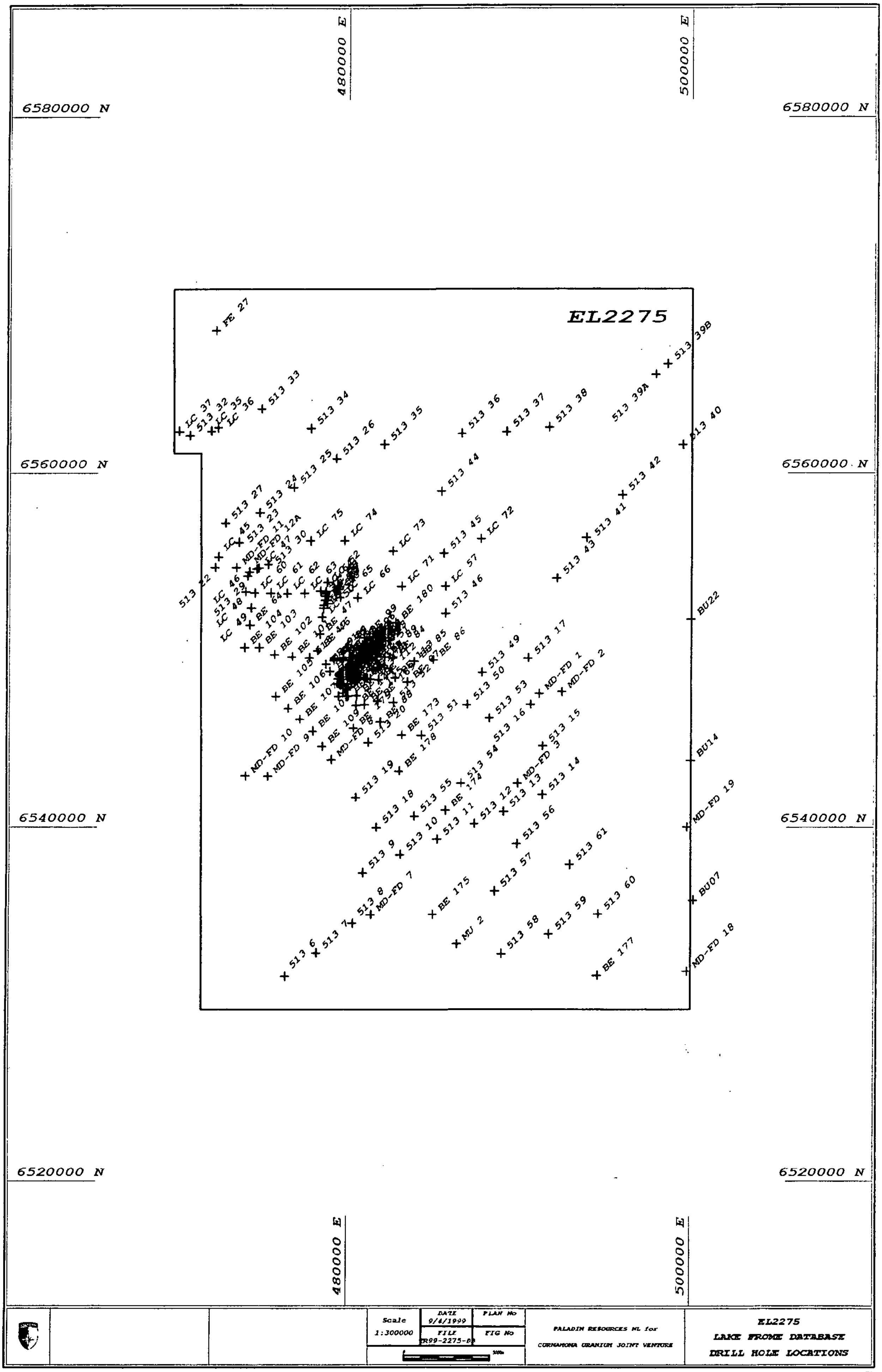
CURNAMONA URANIUM JOINT VENTURE
EL2274
LAKE FROME DATABASE
DRILL HOLE LOCATIONS

FIGURE No. 6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6540000 N
6520000 N
480000 E
500000 E
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513 39B
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513 44
513 42
513 41
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513 45
513 46
513 49
513 17
513 50
513 53
513 51
MD-FD 1
MD-FD 2
513 16
513 15
513 14
513 56
513 57
513 61
513 60
513 59
513 58
BE 177
BE 175
MU 2
MD-FD 7
513 6
513 9
513 18
513 19
BU22
BU14
BU07
MD-FD 19
MD-FD 18
LC 72
LC 73
LC 74
LC 75
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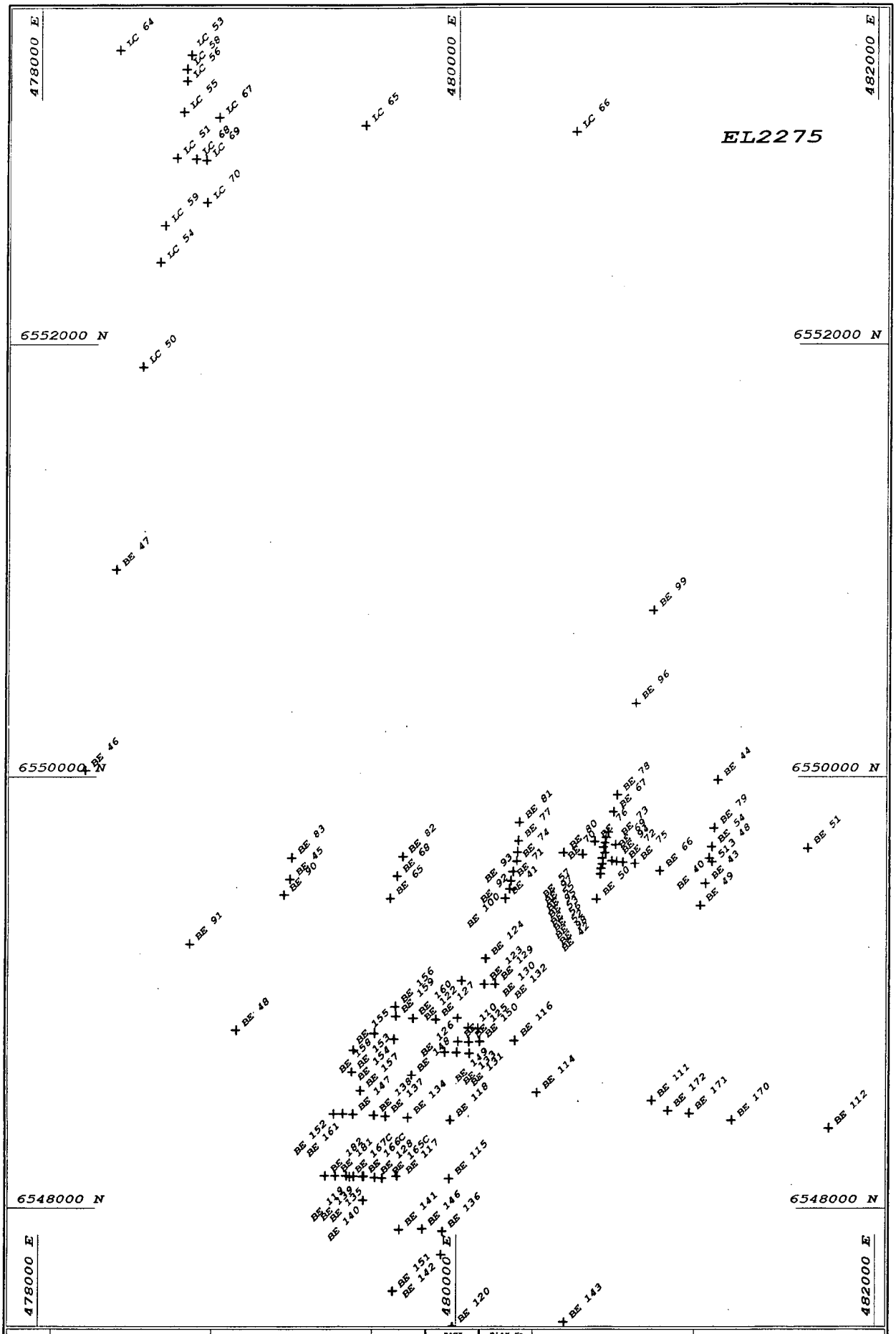
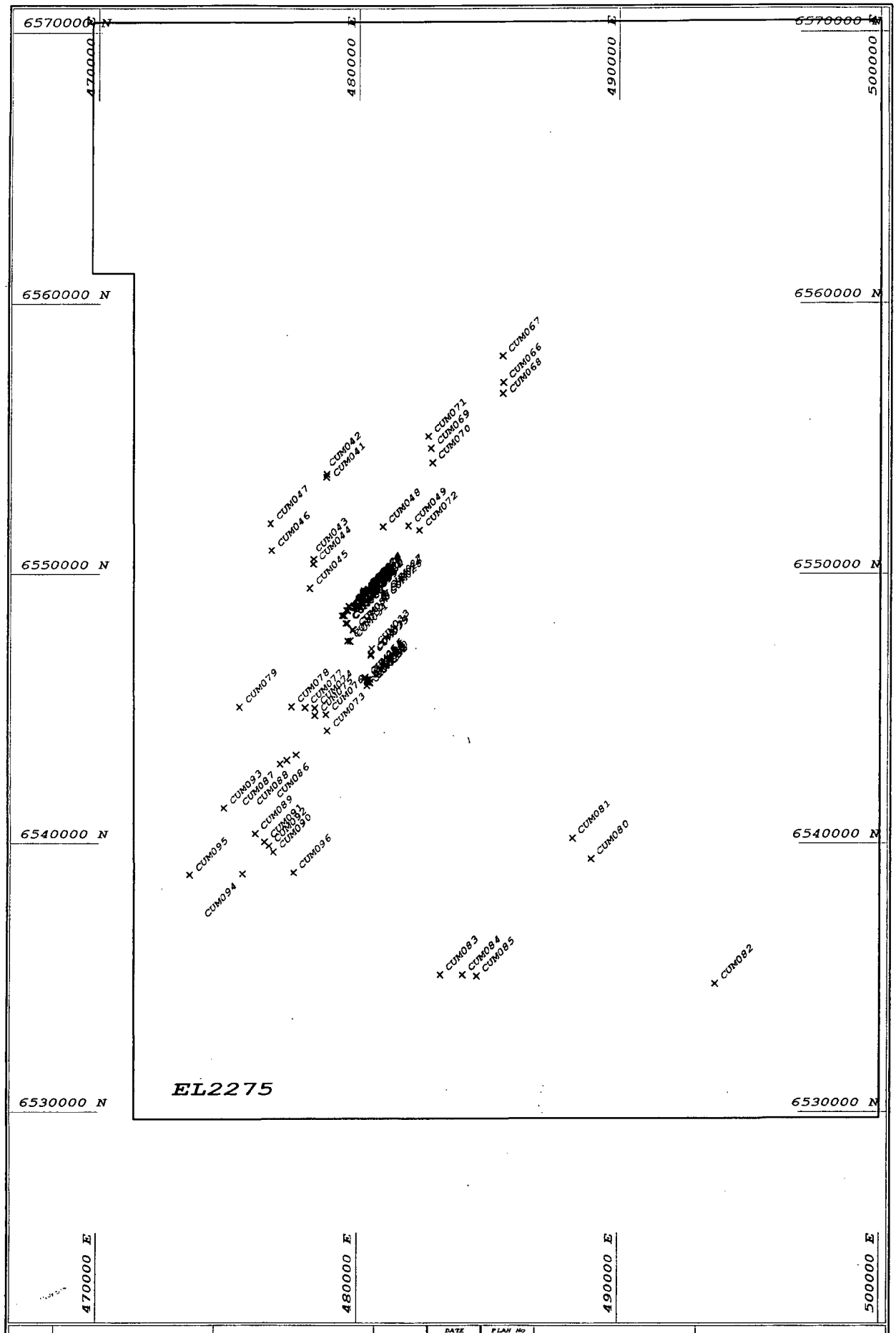
DATE
9/4/1999
FILE
PLAN No
FIG No
PALADIN RESOURCES NL for
CURNAMONA URANIUM JOINT VENTURE
EL2275
LAKE FROME DATABASE
DRILL HOLE LOCATIONS

FIGURE No. 7



	Scale 1:25000	DATE 9/4/1999	PLAN No	PALADIN RESOURCES NL for CURNAMONA URANIUM JOINT VENTURE
		FILE R99-2275-D1	FIG No	EL2275 - DETAIL LAKE FROME DATABASE DRILL HOLE LOCATIONS

FIGURE No. 8



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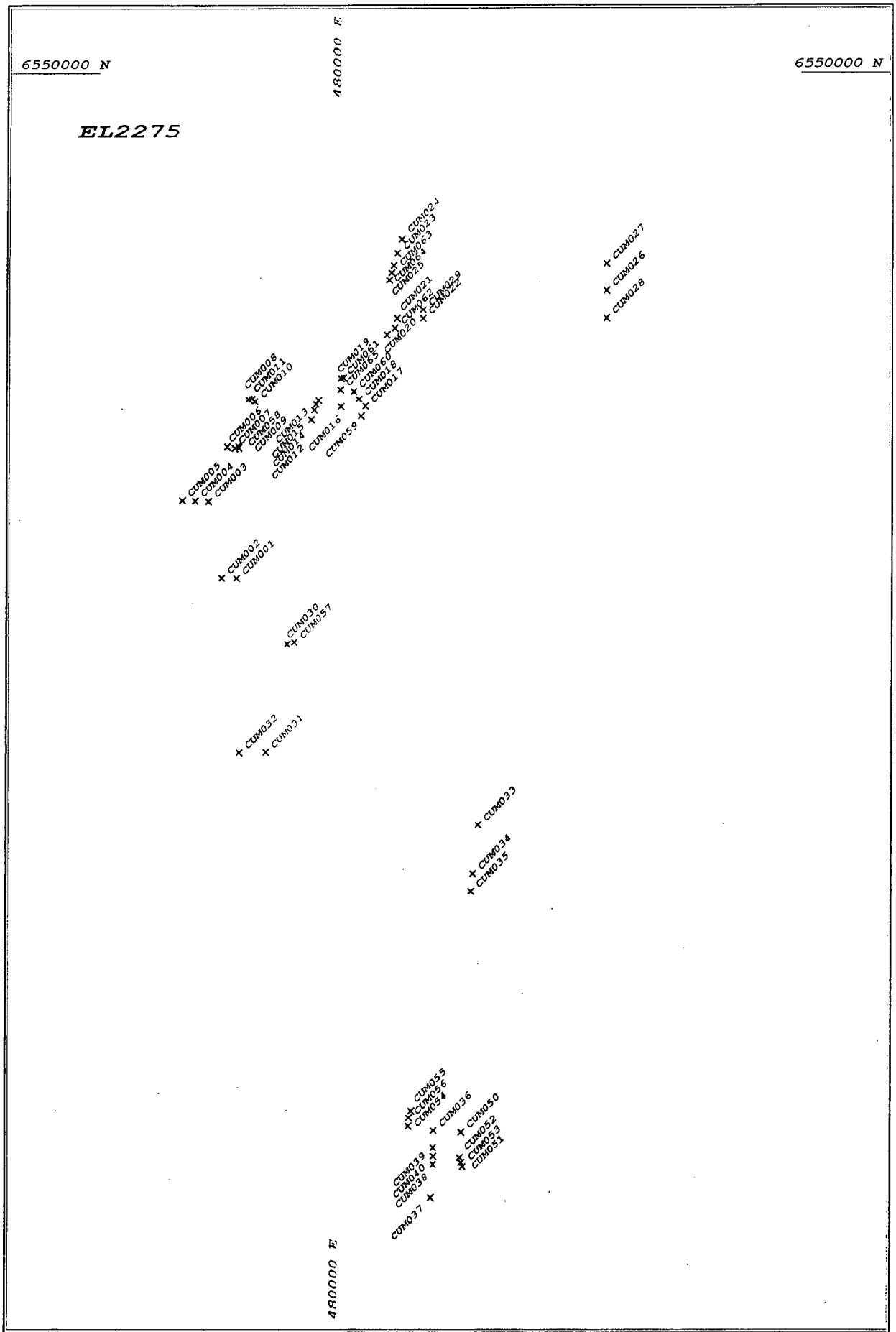
			FILE TR99-2275	FIG No	EL2275 DRILL HOLE LOCATIONS

FIGURE No. 9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6550000 N
EL2275
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CUM002
CUM003
CUM004
CUM005
CUM006
CUM007
CUM008
CUM009
CUM010
CUM011
CUM012
CUM013
CUM014
CUM015
CUM016
CUM017
CUM018
CUM019
CUM020
CUM021
CUM022
CUM023
CUM024
CUM025
CUM026
CUM027
CUM028
CUM029
CUM030
CUM031
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TR99-2275
PLAN No
FIG No
PALADIN RESOURCES NL for
CORNAMONA URANIUM JOINT VENTURE
EL2275 - DETAIL
DRILL HOLE LOCATIONS

FIGURE No. 10

APPENDIX 1

EL 2272 - 2275

CURNAMONA URANIUM JOINT VENTURE

SUMMARY OF OPEN FILE DRILL HOLE DATA

April 1999

LAKE FROME EMBAYMENT
HOLE LOCATIONS AND DETAILS FROM OPEN FILE REPORTS

Record N°	DMESA N°	GL	GPS	C1	C2	Hole Name	Current Tenement	Original Lease	Original Operator	E-AMG	N-AMG	Estimated Elevation	Elevation (ft)	Elevation (m)	Total Depth (ft)	Total Depth (m)	Date	Fiche N°	Map N°	Notes
201	151888	G	DG			EAR 7A	EL2272	SML267	RUDD	384606.68	6512468.34	72.50		75.50	470.00	143.26	1969	ENV 1109	MAP 1110	api/ & 1110
202		G	DG	P		EAR 8	EL2272	SML267	RUDD	391333.69	6514782.47	75.00		70.50	416.00	126.80	1969	ENV 1109	MAP 1110	api/ & 1110
208		G	DG	P		EAR 14	EL2272	SML267	RUDD	392905.97	6508779.35	89.00		85.37	351.00	106.98	1970	ENV 1109	MAP 1110	api/ & 1110
210		G	DG	P		EAR 16	EL2272	SML267	RUDD	393455.66	6502719.59	99.00		97.20	304.00	92.66	1970	ENV 1109	MAP 1110	api/ & 1110
211		G	DG	P		EAR 17	EL2272	SML267	RUDD	387434.43	6496349.99	103.00		100.30	379.00	115.52	1970	ENV 1109	MAP 1110	api/ & 1110
212		G	DG	P		EAR 18	EL2272	SML267	RUDD	380780.39	6496166.91	102.50		101.80	266.00	81.08	1970	ENV 1109	MAP 1110	api/ & 1110
213		G	DG	P		EAR 19	EL2272	SML267	RUDD	380670.66	6502524.34	89.50		90.20	387.00	111.86	1970	ENV 1109	MAP 1110	api/ & 1110
215		G	DG	P		EAR 21	EL2272	SML267	RUDD	387208.31	6502574.62	92.50		92.10	269.00	81.99	1970	ENV 1109	MAP 1110	api/ & 1110
220		G	OK	P		EAR 26	EL2272	SML267	RUDD	374704.00	6495421.00	102.00		100.00	316.00	30.48	1970	ENV 1109	MAP 1110	api/ & 1110
221		N	OK	P		EAR 27	EL2272	SML267	RUDD	375844.00	6501858.00	84.00		85.40	440.00	134.11	1970	ENV 1109	MAP 1110	api/ & 1110
222		G	DG	P		EAR 28	EL2272	SML267	RUDD	376080.07	6509091.63	74.50		76.00	455.00	138.68	1970	ENV 1109	MAP 1110	api/ & 1110
1161	144425	N	OK			FD 1	EL2272	SML544	PACMINX	390700.00	6493157.00	112.00		0.00		143.26	1972	ENV 1853	GPS	
1162	144426	N	OK			FD 3	EL2272	SML544	PACMINX	382941.00	6492694.00	108.50		0.00		109.73	1972	ENV 1853	GPS	
1163	144427	N	OK			FD 4	EL2272	SML544	PACMINX	378185.00	6493291.00	107.00		0.00		134.11	1972	ENV 1853	GPS	
1164	144428	N	OK			FD 5	EL2272	SML544	PACMINX	375758.00	6496316.00	100.00		0.00		121.92	1972	ENV 1853	GPS	
1165	144429	N	OK			FD 6	EL2272	SML544	PACMINX	375936.00	6505102.00	82.00		0.00	445.00	135.64	1972	ENV 1853	GPS	
1166	144430	N				FD 7	EL2272	SML544	PACMINX	377300.00	6512200.00	73.00		0.00	502.00	153.01	1972	ENV 1853	DMESA	
1171	144435	N				FD 12	EL2272	SML544	PACMINX	373900.00	6510600.00	74.50		0.00		138.07	1972	ENV 1853	DMESA	
1179	144443	N				FD 20	EL2272	SML544	PACMINX	373600.00	6505800.00	84.50		0.00		140.21	1972	ENV 1853	DMESA	
1192	144456	N				FD 33	EL2272	SML544	PACMINX	374200.00	6513900.00	68.00		0.00		132.59	1972	ENV 1853	DMESA	
1193	144457	N				FD 34	EL2272	SML544	PACMINX	375300.00	6509800.00	72.00		0.00		144.78	1972	ENV 1853	DMESA	
1194	144458	N				FD 35	EL2272	SML544	PACMINX	376000.00	6507400.00	78.00		0.00		138.07	1972	ENV 1853	DMESA	
1213		G	DG	P		PMX 3	EL2272	SML544	PACMINX	385626.18	6528508.75	54.00		57.60	421.00	128.40		ENV 1853	MAP 1853	
1214		G	DG	P		PMX 4	EL2272	SML544	PACMINX	391391.68	6527816.98	57.50		56.40	374.00	114.00		ENV 1853	MAP 1853	
1231		G	DG	P		PMX 18	EL2272	SML544	PACMINX	393692.97	6526616.87	60.00		77.30	353.00	107.60		ENV 1853	MAP 1853	
1265		N	DG	P		PMX 49	EL2272	SML544	PACMINX	384909.23	6501478.24	85.50		51.40		122.00		ENV 1853	MAP 1853	
1267		N	DG	P		PMX 51	EL2272	SML544	PACMINX	388001.54	6513272.13	77.50		77.50		153.00		ENV 1853	MAP 1853	
2023		G	DG	P		BW 30(W)	EL2272	EL109	PACMINX	392500.61	6515348.37	74.00					1974	ENV 2361	MAP 2713	
2025		G	DG	P		BW 31(W)	EL2272	EL109	PACMINX	392576.67	6516333.58	73.00					1974	ENV 2361	MAP 2713	
2027		G	DG	P		BW 32(W)	EL2272	EL109	PACMINX	392648.30	6517330.38	73.00					1974	ENV 2361	MAP 2713	
2029		G		P		BW 33(W)	EL2272	EL109	PACMINX	388927.21	6512921.43	76.00					1974	ENV 2361	MAP 2713	
2653		G	DG			BW 167(W)	EL2272	EL227	CSR	373822.17	6495926.42	101.00						ENV 2713	MAP 2713	
2658		G	DG	P		BW 172	EL2272	EL227	CSR	376209.07	6508832.64	76.00		72.70		144.00		ENV 2713	MAP 2713	
2659		G	DG	P		BW 173	EL2272	EL227	CSR	377621.85	6508639.60	76.50		75.50		147.00		ENV 2713	MAP 2713	
2660		G	DG	P		BW 174	EL2272	EL227	CSR	376560.09	6504958.40	82.50		75.10		139.50		ENV 2713	MAP 2713	
2664		G	DG	P		BW 178	EL2272	EL227	CSR	377294.49	6504942.45	81.50				108.00		ENV 2713	MAP 2713	
2665		G	DG	P		BW 178A	EL2272	EL227	CSR	377150.14	6504961.02	82.00		79.60		142.00		ENV 2713	MAP 2713	
2666		G	DG	P		BW 179	EL2272	EL227	CSR	378498.75	6513363.51	70.00		71.80		130.50		ENV 2713	MAP 2713	
2667		G	DG	P		BW 180	EL2272	EL227	CSR	382156.51	6512700.53	70.50		70.80		141.00		ENV 2713	MAP 2713	
2668		G	DG	P		BW 181	EL2272	EL227	CSR	380386.28	6512965.41	67.00		72.10		134.00		ENV 2713	MAP 2713	
2669		G	DG	P		BW 182	EL2272	EL227	CSR	378475.33	6514161.38	69.00		71.80		121.50		ENV 2713	MAP 2713	
2670		G	DG	P		BW 183	EL2272	EL227	CSR	378406.23	6515310.23	67.50		70.90		129.00		ENV 2713	MAP 2713	
2671		G	DG	P		BW 184	EL2272	EL227	CSR	377890.50	6512449.79	72.00		73.60		133.50		ENV 2713	MAP 2713	
2672		G	DG	P		BW 185	EL2272	EL227	CSR	376452.18	6513801.93	70.50		73.10		152.50		ENV 2713	MAP 2713	
2673		G	DG	P		BW 186	EL2272	EL227	CSR	374296.70	6516250.86	66.50		68.70		140.00		ENV 2713	MAP 2713	
2705	145268	G				T 5	EL2272	EL297	MINAD	394000.00	6495700.00	109.00		0.00		80.00	1979	ENV 2995	DMESA	
2706	145269	G	OK			T 6	EL2272	EL297	MINAD	393120.00	6493441.00	113.00				85.00	1979	ENV 2995	GPS	& 3684
2893		A	DG	P		BW 208	EL2272	EL411	CSR	390167.47	6542699.72	36.50		32.25		136.80	1980	ENV 3329	MAP 3329	
2894		A		P		BW 209	EL2272	EL411	CSR	389947.58	6540998.83	35.50		35.46		133.00	1980	ENV 3329	MAP 3329	
2895		A		P		BW 210	EL2272	EL411	CSR	389996.78	6539684.87	41.00		36.66		119.00	1980	ENV 3329	MAP 3329	
3960	137052	X		X		E.A.RUDD B(4)	EL2272			393772.00	6513229.00	80.50		0.00		0.00		ENV ????	DMESA	

LAKE FROME EMBAYMENT

HOLE LOCATIONS AND DETAILS FROM OPEN FILE REPORTS

Record N°	DMESA N°	GL	GPS	C1	C2	Hole Name	Current Tenement	Original Lease	Original Operator	E-AMG	N-AMG	Estimated Elevation	Elevation (ft)	Elevation (m)	Total Depth (ft)	Total Depth (m)	Date	Fiche N°	Map N°	Notes
24	87731	X		X		LAKE FROME 2	EL2273	OEL20		384889 00	6564407.00	6.00		1 83		771 80		ENV 0968		
25	87730	X		X		LAKE FROME 1	EL2273	OEL20		391439 00	6563537 00	33 00		7 92		781 80		ENV 0968		
167	146017	G				244 32	EL2273	SML244	EXOIL	373200 00	6561800 00	29 00		0 00	455.00	140 21	1970	ENV 1041	DMESA	api
168	146018	G				244 33	EL2273	SML244	EXOIL	374900.00	6562200 00	18 00		0 00	322.00	103 63	1970	ENV 1041	DMESA	api
169	146019	G				244 34	EL2273	SML244	EXOIL	376500 00	6562500 00	14 00		0 00	320.00	97 54	1970	ENV 1041	DMESA	api
170	146020	G				244 35	EL2273	SML244	EXOIL	378100 00	6562900 00	8 00		0 00	315.00	96 01	1970	ENV 1041	DMESA	api
171	146021	G				244 36	EL2273	SML244	EXOIL	379800 00	6563300 00	10 00		0 00	305.00	92 96	1970	ENV 1041	DMESA	api
172	146022	G				244 37	EL2273	SML244	EXOIL	381500 00	6563600 00	8 50		0 00	305.00	92 96	1970	ENV 1041	DMESA	api
173	146023	G				244 38	EL2273	SML244	EXOIL	382800 00	6562500 00	8 00		0 00	530.00	161 54	1970	ENV 1041	DMESA	api
198	151686	G	DG			EAR 4	EL2273	SML267	RUDD	389375 55	6546191 02	41 50		34 50	533.00	162.46	1969	ENV 1109	MAP 1110	api/ & 1110
199		G	DG	P		EAR 5	EL2273	SML267	RUDD	392746 07	6545947 73	36 50		32 90	407.00	124 05	1969	ENV 1109	MAP 1110	api/ & 1110
200	151687	G	DG			EAR 6	EL2273	SML267	RUDD	385712 18	6544374 21	40 50		39.00	500.00	152 40	1969	ENV 1109	MAP 1110	api/ & 1110
842	144132	G				589 32	EL2273	SML589	PETROMN	404900 00	6560100 00	28 00		0 00	500 00	152 40	1971	ENV 1627	DMESA	
843	144133	G				589 33	EL2273	SML589	PETROMN	407100 00	6568200 00	20 00		0 00	500 00	152 40	1971	ENV 1627	DMESA	
844	144134	G				589 34	EL2273	SML589	PETROMN	405400 00	6565000 00	26 00		0 00	462 00	140 82	1971	ENV 1627	DMESA	
845	144135	G				589 35	EL2273	SML589	PETROMN	399100 00	6563000 00	23 50		0 00	464 00	141 43	1971	ENV 1627	DMESA	
851	144141	G				589 41	EL2273	SML589	PETROMN	411400 00	6561100.00	30 00		0 00	423.00	129 54	1971	ENV 1627	DMESA	
2873		A	DG	P		BW 188	EL2273	EL411	CSR	389874 40	6546209.08	38 50		37.53		140.00	1980	ENV 3329	MAP 3329	
2874		A	DG	P		BW 189	EL2273	EL411	CSR	388556 70	6546040 03	43 50		39 48		140.00	1980	ENV 3329	MAP 3329	
2875		A	DG	P		BW 190	EL2273	EL411	CSR	386700 29	6545145 55	43 00		41 37		149 00	1980	ENV 3329	MAP 3329	
2876		A	DG	P		BW 191	EL2273	EL411	CSR	387422.65	6545356 13	44 50		39.83		155 00	1980	ENV 3329	MAP 3329	
2877		A	DG	P		BW 192	EL2273	EL411	CSR	388003 56	6545978 73	44 00		41 10		165 00	1980	ENV 3329	MAP 3329	
2892		A	DG	P		BW 207	EL2273	EL411	CSR	390382 62	6544171 63	36 00		30.65		135.50	1980	ENV 3329	MAP 3329	
2896		A	DG	P		BW 211	EL2273	EL411	CSR	398843.01	6545199 26	30 50		27 58		110.30	1980	ENV 3329	MAP 3329	
2900		A	DG	P		BW 215	EL2273	EL411	CSR	402791 76	6546086 99	33 50		34 97		107.00	1980	ENV 3329	MAP 3329	
3222	144300	Ax				CF 1	EL2273	EL430	COMALCO	374100 00	6563000 00	17 00		0 00		60.00	1979	ENV 3405	MAP 3405	
3692	141555	X				FR6-1	EL2273	EL1471		396300 00	6564000 00	15 00		0 00		2.00		ENV 8013	DMESA	
3693	141556	X				FR7-1	EL2273	EL1471		389700 00	6560000 00	8 00		0 00		2.00		ENV 8013	DMESA	
3959	137053	X		X		E.A.RUDD B(3)	EL2273			393201.00	6546061 00	39.00		0 00		0.00		ENV ????	DMESA	

LAKE FROME EMBAYMENT

HOLE LOCATIONS AND DETAILS FROM OPEN FILE REPORTS

Record N°	DMESA N°	GL	GPS	C1	C2	Hole Name	Current Tenement	Original Lease	Original Operator	E-AMG	N-AMG	Estimated Elevation	Elevation (ft)	Elevation (m)	Total Depth (ft)	Total Depth (m)	Date	Fiche N°	Map N°	Notes
508	145790	G				514 4	EL2274	SML514	SED U	447700.00	6553000 00	46 00		0 00	123.00	37.49	1971	ENV 1543	DMESA	cpm
848	144136	G				589 36	EL2274	SML589	PETROMN	403600.00	6576900 00	39 00		0 00	605.00	184 40	1971	ENV 1627	DMESA	
1717	144796	A	DG			LY 20	EL2274	EL66	MINAD	449180.99	6555197 44	38 00		0 00		36 00		ENV 2291	MAP 2291	
1720	144799		DG			LY 23	EL2274	EL66	MINAD	451718 27	6559495 92	46 00		0 00		39.00		ENV 2291	MAP 2291	
1757	144733	N	OK			LT 11	EL2274	EL69	TRICENT	424462 00	6561738 00	22 00	102.00	31 09		91.50	1973	ENV 2308	GPS	
1758	144734	N	OK			LT 12	EL2274	EL69	TRICENT	426034 00	6562231 00	18 00	94.00	28 65		82 10	1973	ENV 2308	GPS	
1759	144735	N				LT 13	EL2274	EL69	TRICENT	426600 00	6563800 00	22 00	94.00	28 65		82 10	1973	ENV 2308	DMESA	
1760	144736	N	OK			LT 14	EL2274	EL69	TRICENT	425823 00	6565459 00	28 00	95 00	28 96		85 50	1973	ENV 2308	GPS	
1761	144737	N				LT 15	EL2274	EL69	TRICENT	425700 00	6566900 00	28 50	100 00	30 48		94 90	1973	ENV 2308	DMESA	
1762	144738	N	OK			LT 16	EL2274	EL69	TRICENT	424845 00	6568509 00	24 00	100 00	30 48		94 90	1973	ENV 2308	GPS	
1790	144766	N	OK			LT 44	EL2274	EL69	TRICENT	428044 00	6563162 00	43 00	104 00	31 70		96 40	1973	ENV 2308	GPS	
1791	144767	N	OK			LT 45	EL2274	EL69	TRICENT	429737 00	6563135 00	42 00	104 00	31 70		86.00	1973	ENV 2308	GPS	
1792	144768	N	OK			LT 46	EL2274	EL69	TRICENT	431200 00	6563551 00	40 00	104 00	31 70		91.90	1973	ENV 2308	GPS	
1793	144769	N	OK			LT 47	EL2274	EL69	TRICENT	433184 00	6563752 00	37 50	107 00	32.61		94 90	1973	ENV 2308	GPS	
1794	144770	N	OK			LT 48	EL2274	EL69	TRICENT	434814 00	6564290 00	45 00	114 00	34.75		97 90	1973	ENV 2308	GPS	
2223	150266	N				LE 48	EL2274	EL34	TRICENT	420700 00	6577800.00	14 00		0 00		106 50	1973	ENV 2392	DMESA	
2224	150267	N				LE 49	EL2274	EL34	TRICENT	418500 00	6577000 00	33 00		0 00		120 00	1973	ENV 2392	DMESA	
2225	150268	N				LE 50	EL2274	EL34	TRICENT	416300 00	6575900 00	42 00		0.00		126 00	1973	ENV 2392	DMESA	
2291	145296	N				TAL LC 20	EL2274	EL127	TRICENT	435200 00	6561100 00	41 50	103.00	31 39		93 50	1974	ENV 2432	DMESA	
2292	145297	N				TAL LC 21	EL2274	EL127	TRICENT	435900 00	6561000 00	41 00	100 00	30 48		110 00	1974	ENV 2432	DMESA	
2293	145298	N				TAL LC 22	EL2274	EL127	TRICENT	434500 00	6561200 00	39 50	100.00	30 48		79.50	1974	ENV 2432	DMESA	
3691	141554	X				FR5-2	EL2274	EL1471		398500 00	6571600 00	8 00		0 00		2.00		ENV 8013	DMESA	
3948	104352	X	OK	X		BLACK OAK	EL2274			424882 00	6569874 00	26.00		0.00		136.40		ENV ????	DMESA	
3968	137063	X		X		GETTY LT 4	EL2274			430471 00	6563891.00	40.50		0.00		0.00		ENV ????	DMESA	

LAKE FROME EMBAYMENT

HOLE LOCATIONS AND DETAILS FROM OPEN FILE REPORTS

Record N°	DMESA N°	GL	GPS	C1	C2	Hole Name	Current Tenement	Original Lease	Original Operator	E-AMG	N-AMG	Estimated Elevation	Elevation (ft)	Elevation (m)	Total Depth (ft)	Total Depth (m)	Date	Fiche N°	Map N°	Notes
526	144036	G	OK			513 6	EL2275	SML513	SED U	476352 00	6531595 00	69 50		0 00	290.00	88 39	1971	ENV 1546	GPS	cpm
527	144037	G				513 7	EL2275	SML513	SED U	478200 00	6532900 00	69 00		0.00	265 00	80 77	1971	ENV 1546	DMESA	cpm
528	144038	G	OK			513 8	EL2275	SML513	SED U	480301 00	6534564 00	70 50		0 00	380 00	115 82	1971	ENV 1546	GPS	cpm
529	144039	G				513 9	EL2275	SML513	SED U	480900 00	6537400 00	74 00		0 00	380 00	115 82	1971	ENV 1546	DMESA	cpm
530	144040	G	OK			513 10	EL2275	SML513	SED U	483075.00	6538421 00	73 00		0 00	600 00	182 88	1971	ENV 1546	GPS	cpm
531	144041	G	OK			513 11	EL2275	SML513	SED U	485236 00	6539294 00	76 50		0 00	440 00	134 11	1971	ENV 1546	GPS	cpm
532	144042	G	OK			513 12	EL2275	SML513	SED U	487421 00	6540191 00	81 00		0.00	335 00	102 11	1971	ENV 1546	GPS	cpm
533	144043	G	OK			513 13	EL2275	SML513	SED U	489134 00	6540879 00	79 00		0.00	335 00	121 01	1971	ENV 1546	GPS	cpm
534	144044	G	OK			513 14	EL2275	SML513	SED U	491382 00	6541862 00	81 00		0 00	305 00	92 96	1971	ENV 1546	GPS	cpm
535	144045	G				513 15	EL2275	SML513	SED U	491400 00	6544600 00	85 00		0 00	335 00	102 11	1971	ENV 1546	DMESA	cpm
536	144046	G				513 16	EL2275	SML513	SED U	490700 00	6547000 00	83 00		0.00	440 00	134 11	1971	ENV 1546	DMESA	cpm
537	144047	G	OK			513 17	EL2275	SML513	SED U	490546 00	6549821 00	80 50		0.00	522 00	159 11	1971	ENV 1546	GPS	cpm
538	144048	G	OK			513 18	EL2275	SML513	SED U	481687 00	6539965 00	71 50		0 00	365 00	111 25	1971	ENV 1546	GPS	cpm
539	144049	G	OK			513 19	EL2275	SML513	SED U	480486 00	6541665 00	70 00		0 00	335 00	102 11	1971	ENV 1546	GPS	cpm
540	144050	G				513 20	EL2275	SML513	SED U	481200 00	6544800 00	72 00		0.00	350 00	106 68	1971	ENV 1546	DMESA	cpm
542	144052	G				513 22	EL2275	SML513	SED U	472200 00	6554700 00	51 50		0 00	395 00	120 40	1971	ENV 1546	DMESA	cpm
543	144053	G				513 23	EL2275	SML513	SED U	473600 00	6556100 00	55 00		0 00	410 00	124 97	1971	ENV 1546	DMESA	cpm
544	144054	G				513 24	EL2275	SML513	SED U	474800 00	6557800 00	59 00		0.00	335.00	102 11	1971	ENV 1546	DMESA	cpm
545	144055	G				513 25	EL2275	SML513	SED U	476800 00	6559200 00	62 00		0 00	305.00	92 96	1971	ENV 1546	DMESA	cpm
546	144056	G				513 26	EL2275	SML513	SED U	479300 00	6560800 00	67 00		0.00	365 00	111 25	1971	ENV 1546	DMESA	cpm
547	144057	G				513 27	EL2275	SML513	SED U	472800 00	6557200 00	55 00		0 00	350 00	106 68	1971	ENV 1546	DMESA	cpm
549	144059	G				513 29	EL2275	SML513	SED U	474100 00	6554200 00	56 00		0 00	395.00	120 40	1971	ENV 1546	DMESA	cpm
550	144060	G	OK			513 30	EL2275	SML513	SED U	475306 00	6554866 00	56 50		0 00	320 00	97 54	1971	ENV 1546	GPS	cpm
552	144062	G				513 32	EL2275	SML513	SED U	470700 00	6562100 00	51.50		0 00	380 00	115 82	1971	ENV 1546	DMESA	cpm
553	144063	G				513 33	EL2275	SML513	SED U	474900 00	6563600 00	61.00		0 00	305 00	92 96	1971	ENV 1546	DMESA	cpm
554	144064	G				513 34	EL2275	SML513	SED U	477800 00	6562500 00	60.00		0 00	320 00	97.54	1971	ENV 1546	DMESA	cpm
555	144065	G				513 35	EL2275	SML513	SED U	482100 00	6561600 00	60 00		0 00	335 00	102.11	1971	ENV 1546	DMESA	cpm
556	144066	G	OK			513 36	EL2275	SML513	SED U	486641 00	6562232 00	65.50		0 00	395 00	120 40	1971	ENV 1546	GPS	cpm
557	144067	G	OK			513 37	EL2275	SML513	SED U	489258 00	6562332 00	67.50		0 00	425 00	129 54	1971	ENV 1546	GPS	cpm
558	144068	G	OK			513 38	EL2275	SML513	SED U	491726 00	6562586 00	72.00		0.00	440.00	134 11	1971	ENV 1546	GPS	cpm
559	144069	G	OK			513 39A	EL2275	SML513	SED U	497922 00	6565533 00	77 00		0 00	160 00	48.77	1971	ENV 1546	GPS	cpm
560	144070	N				513 39B	EL2275	SML513	SED U	498600 00	6566100 00	80 00		0 00	455 00	138.68	1971	ENV 1546	DMESA	cpm
561	144071	G				513 40	EL2275	SML513	SED U	499500 00	6561600 00	82 50		0 00	455 00	138 68	1971	ENV 1546	DMESA	cpm
562	144072	G				513 41	EL2275	SML513	SED U	493900 00	6556400 00	81 00		0 00	475 00	144 78	1971	ENV 1546	DMESA	cpm
563	144073	G				513 42	EL2275	SML513	SED U	496000 00	6558800 00	76 50		0 00	494 00	150 57	1971	ENV 1546	DMESA	cpm
564	144074	G				513 43	EL2275	SML513	SED U	492200 00	6554100 00	80 50		0 00	455 00	138 68	1971	ENV 1546	DMESA	cpm
565	144075	G	OK			513 44	EL2275	SML513	SED U	485440 00	6558988 00	61 00		0.00	382 00	116 43	1971	ENV 1546	GPS	cpm
566	144076	G	OK			513 45	EL2275	SML513	SED U	485591 00	6555509 00	69 00		0 00	360 00	109 73	1971	ENV 1546	GPS	cpm
567	144077	G	OK			513 46	EL2275	SML513	SED U	485710 00	6552112 00	73 50		0 00	399 00	121 62	1971	ENV 1546	GPS	cpm
568	144078	G	OK			513 47	EL2275	SML513	SED U	477740.00	6549618.00	61.00		0 00	399.00	121 62	1971	ENV 1546	GPS	cpm
569	144080	G	OK			513 48	EL2275	SML513	SED U	481219 00	6549607 00	67 50		0 00	297 00	90 53	1971	ENV 1546	GPS	cpm
570	144081	G	OK			513 49	EL2275	SML513	SED U	487867 00	6548782 00	79 50		0 00	417.00	127.10	1971	ENV 1546	GPS	cpm
571	144082	G	OK			513 50	EL2275	SML513	SED U	486987 00	6546984 00	77 00		0 00	397.00	121 01	1971	ENV 1546	GPS	cpm
572	144083	G				513 51	EL2275	SML513	SED U	484300 00	6545200 00	78 00		0 00	355 00	108 20	1971	ENV 1546	DMESA	cpm
573	144084	G	OK			513 52	EL2275	SML513	SED U	482647 00	6547103 00	78 00		0 00	358 00	109.12	1971	ENV 1546	GPS	cpm
574	144085	G				513 53	EL2275	SML513	SED U	488300 00	6546200 00	78 50		0 00	399 00	121 62	1971	ENV 1546	DMESA	cpm
575	144086	G	OK			513 54	EL2275	SML513	SED U	486629 00	6542512 00	75 00		0 00	382 00	116 43	1971	ENV 1546	GPS	cpm
576	144087	G				513 55	EL2275	SML513	SED U	483900 00	6540600 00	71 50		0 00	356 00	108 51	1971	ENV 1546	DMESA	cpm
577	144088	G	OK			513 56	EL2275	SML513	SED U	489911 00	6539043 00	82.00		0 00	455 00	138 68	1971	ENV 1546	GPS	cpm
578	144089	G	OK			513 57	EL2275	SML513	SED U	488628 00	6536399 00	82.00		0 00	397 00	121 01	1971	ENV 1546	GPS	cpm
579	144090	G	OK			513 58	EL2275	SML513	SED U	489038 00	6532880 00	84.50		0 00	397 00	121 01	1971	ENV 1546	GPS	cpm
580	144091	G	OK			513 59	EL2275	SML513	SED U	491787.00	6533986 00	85 00		0 00	400 00	121 92	1971	ENV 1546	GPS	cpm
581	144092	G	OK			513 60	EL2275	SML513	SED U	494634 00	6535116.00	86.00		0 00	350 00	106 68	1971	ENV 1546	GPS	cpm
582	144093	G	OK			513 61	EL2275	SML513	SED U	492985 00	6537875.00	87 00		0 00	397.00	121 01	1971	ENV 1546	GPS	cpm
2356	144406	G				MD-FD 1	EL2275	EL174	MINAD	491200 00	6547600 00	83 50		0 00		133 00	1975	ENV 2532	DMESA	
2357	144407	G				MD-FD 2	EL2275	EL174	MINAD	492500 00	6547700 00	84 50		0 00		138.50	1975	ENV 2532	DMESA	
2358	144408	G	OK			MD-FD 3	EL2275	EL174	MINAD	489949 00	6542498 00	80.50		0.00		129.50	1975	ENV 2532	GPS	
2362	144412	G	OK			MD-FD 7	EL2275	EL174	MINAD	481375 00	6535060 00	71.50		0 00		102 00	1975	ENV 2532	GPS	
2363	144413	G	OK			MD-FD 8	EL2275	EL174	MINAD	479048 00	6543825 00	63.50		0 00		97 00	1975	ENV 2532	GPS	
2364	144414	G				MD-FD 9	EL2275	EL174	MINAD	476100.00	6542900.00	62 00		0 00		88 50	1975	ENV 2532	DMESA	

LAKE FROME EMBAYMENT

HOLE LOCATIONS AND DETAILS FROM OPEN FILE REPORTS

Record N°	DMESA N°	GL	GPS	C1	C2	Hole Name	Current Tenement	Original Lease	Original Operator	E-AMG	N-AMG	Estimated Elevation	Elevation (ft)	Elevation (m)	Total Depth (ft)	Total Depth (m)	Date	Fiche N°	Map N°	Notes
2365	144415	G				MD-FD 10	EL2275	EL174	MINAD	474000.00	6542900.00	59 00		0 00		82.00	1975	ENV 2532	DMESA	
2366	144416	G	OK			MD-FD 11	EL2275	EL174	MINAD	473449 00	6554692 00	55 50		0 00		118 50	1975	ENV 2532	GPS	
2367	144417	G	OK			MD-FD 12A	EL2275	EL174	MINAD	474642 00	6554814 00	59 00		0 00		81 50	1975	ENV 2532	GPS	
2373	144423	G				MD-FD 18	EL2275	EL174	MINAD	499800 00	6531900 00	94 00		0 00		152 00	1975	ENV 2532	DMESA	
2374	144424	G				MD-FD 19	EL2275	EL174	MINAD	499800 00	6540000 00	94 00		0 00		152 00	1975	ENV 2532	DMESA	
2413	144497	G	MC			FE 27	EL2275	EL178	S VENT	472220 51	6567990 59	64 00		0 00		102 50	1975	ENV 2584	DMESA	2327 etc
3266	144635	G	DG			LC 35	EL2275	EL802	MARATHN	471952 65	6562355 20	55 00		50 20		75 30	1979	ENV 3421	MAP 3713/7	
3267	144636	G	DG			LC 36	EL2275	EL802	MARATHN	472359 22	6562549 96	57 00		47 40		137 00	1979	ENV 3421	MAP 3713/7	
3268	144637	G	DG			LC 37	EL2275	EL802	MARATHN	470073 10	6562336 66	53 00		45 10		128 00	1979	ENV 3421	MAP 3713/7	
3276	144645	G	DG			LC 45	EL2275	EL802	MARATHN	472406 43	6555286 97	51 50		49 80		128 00	1979	ENV 3421	MAP 3713/7	
3277	144646	G	OK			LC 46	EL2275	EL802	MARATHN	474206.00	6554448 00	57 00		54 90		126 00	1979	ENV 3421	GPS	
3278	144647	G	OK			LC 47	EL2275	EL802	MARATHN	474753.00	6554670.00	57 00		57 20		79 00	1979	ENV 3421	GPS	
3279	144648	G	OK			LC 48	EL2275	EL802	MARATHN	473987 00	6553308 00	56 00		55 50		102 00	1979	ENV 3421	GPS	
3280	144649	G	OK			LC 49	EL2275	EL802	MARATHN	474321.00	6552397 00	58 00		53 50		68.00	1979	ENV 3421	GPS	
3281	144650	G	OK			LC 50	EL2275	EL802	MARATHN	478489 00	6551893 00	62.00		59 70		95 00	1979	ENV 3421	GPS	
3282	144651	G	OK			LC 51	EL2275	EL802	MARATHN	478647 00	6552856 00	66 00		60 90		96 00	1979	ENV 3421	MAP 3713/7	
3283	144652	G	OK			LC 52	EL2275	EL802	MARATHN	478789 00	6553839 00	58 00		57.80		95 00	1979	ENV 3421	MAP 3713/7	
3284	144653	G	OK			LC 53	EL2275	EL802	MARATHN	478714 00	6553328 00	62 00		61 00		95 00	1979	ENV 3421	MAP 3713/7	
3285	144654	G	OK			LC 54	EL2275	EL802	MARATHN	478570 00	6552376 00	66 00		58.70		95 00	1979	ENV 3421	GPS	
3286	144655	G	OK			LC 55	EL2275	EL802	MARATHN	478678 00	6553065 00	64 50		62 30		96 00	1979	ENV 3421	MAP 3713/7	
3287	144656	G	OK			LC 56	EL2275	EL802	MARATHN	478692 00	6553210 00	63 00		62 60		96 00	1979	ENV 3421	MAP 3713/7	
3288	144657	G	OK			LC 57	EL2275	EL802	MARATHN	485695 00	6553623 00	70 00		67 90		110 00	1979	ENV 3421	GPS	
3289	144658	G	OK			LC 58	EL2275	EL802	MARATHN	478691 00	6553266 00	62 00		62 20		96 00	1979	ENV 3421	MAP 3713/7	
3290	144659	G	OK			LC 59	EL2275	EL802	MARATHN	478592 00	6552544 00	66.00		60 30		94 00	1979	ENV 3421	MAP 3713/7	
3291	144660	G	OK			LC 60	EL2275	EL802	MARATHN	474518 00	6553243 00	58 00		53.10		112 00	1979	ENV 3421	GPS	
3292	144661	G	OK			LC 61	EL2275	EL802	MARATHN	475449 00	6553230 00	63 00		57.20		88 00	1979	ENV 3421	GPS	
3293	144662	G	OK			LC 62	EL2275	EL802	MARATHN	476431 00	6553209 00	65 50		59.70		96 00	1979	ENV 3421	GPS	
3294	144663	G	OK			LC 63	EL2275	EL802	MARATHN	477451 00	6553223 00	63 00		56 10		96 00	1979	ENV 3421	GPS	
3295	144664	G	OK			LC 64	EL2275	EL802	MARATHN	478373 00	6553350 00	58 00		58 00		134 00	1979	ENV 3421	GPS	
3296	144665	G	OK			LC 65	EL2275	EL802	MARATHN	479551 00	6553003 00	63 00		0 00		114 00	1979	ENV 3421	MAP 3713/7	
3297	144666	G	OK			LC 66	EL2275	EL802	MARATHN	480560 00	6552973 00	60 00		0 00		96 00	1979	ENV 3421	MAP 3713/7	
3298	144667	G	OK			LC 67	EL2275	EL802	MARATHN	478848 00	6553040 00	65 00		0 00		96 00	1979	ENV 3421	MAP 3713/7	
3299	144668	G	OK			LC 68	EL2275	EL802	MARATHN	478739.00	6552851.00	66 00		0 00		96 00	1979	ENV 3421	MAP 3713/7	
3300	144669	G	OK			LC 69	EL2275	EL802	MARATHN	478788 00	6552846 00	66 00		0 00		90 00	1979	ENV 3421	MAP 3713/7	
3301	144670	G	OK			LC 70	EL2275	EL802	MARATHN	478792 00	6552650 00	66 50		0 00		102 00	1979	ENV 3421	MAP 3713/7	
3302	144671	G	DG			LC 71	EL2275	EL802	MARATHN	483380 73	6554071.74	72 50		0 00		111 00	1979	ENV 3421	MAP 3713/7	
3303	144672	G	DG			LC 72	EL2275	EL802	MARATHN	487793 68	6556325 66	73 00		0 00		106 00	1979	ENV 3421	MAP 3713/7	
3304	144673	G	DG			LC 73	EL2275	EL802	MARATHN	482826 71	6556223 54	64 00		0 00		97.50	1979	ENV 3421	MAP 3713/7	
3305	144674	G	DG			LC 74	EL2275	EL802	MARATHN	479799 26	6556205 60	58 00		0 00		103 50	1979	ENV 3421	MAP 3713/7	
3306	144675	G	DG			LC 75	EL2275	EL802	MARATHN	477792 07	6556196 69	54 00		0 00		88 50	1979	ENV 3421	MAP 3713/7	
3352		G	OK	P		BE 40	EL2275	EL549	MARATHN	481206 00	6549825 00	67 50		62 40		91.00	1981	ENV 3713	MAP 3713	
3353		G	OK	P		BE 41	EL2275	EL549	MARATHN	480232 00	6549438 00	65 25		61.40		104.00	1981	ENV 3713	MAP 3713	
3354		G	OK	P		BE 42	EL2275	EL549	MARATHN	480685 00	6549550 00	66 25		61.40		96 50	1981	ENV 3713	MAP 3713	
3355		G	OK	P		BE 43	EL2275	EL549	MARATHN	481188.00	6549507 00	67 75		62 70		96.00	1981	ENV 3713	MAP 3713	
3356	145831	G	OK			BE 44	EL2275	EL549	MARATHN	481246 00	6549985 00	66 50		62 70		108 20	1981	ENV 3713	MAP 3713	
3357		G	OK	P		BE 45	EL2275	EL549	MARATHN	479200 00	6549525.00	62 50		60 20		96.00	1981	ENV 3713	MAP 3713	
3358	145832	G	OK			BE 46	EL2275	EL549	MARATHN	478220 00	6550028.00	61 00		59 00		96 00	1981	ENV 3713	MAP 3713	
3359	145833	G	OK			BE 47	EL2275	EL549	MARATHN	478365 00	6550960 00	61.00		59 10		96 00	1981	ENV 3713	MAP 3713	
3360	145834	G	OK			BE 48	EL2275	EL549	MARATHN	478943 00	6548826.00	62 50		58 70		96 00	1981	ENV 3713	MAP 3713	
3361	145835	G	OK			BE 49	EL2275	EL549	MARATHN	481164 00	6549405.00	68 00		62 90		96 00	1981	ENV 3713	MAP 3713	
3362	145836	G	OK			BE 50	EL2275	EL549	MARATHN	480667 00	6549434 00	66 50		61 50		96 00	1981	ENV 3713	MAP 3713	
3363	145837	G	OK			BE 51	EL2275	EL549	MARATHN	481675.00	6549870 00	69 00		64.30		88.00	1981	ENV 3713	MAP 3713	
3364		G	OK	P		BE 52	EL2275	EL549	MARATHN	480695 00	6549596 00	66 25		61.40		96.00	1981	ENV 3713	MAP 3713	
3365		G	OK	P		BE 53	EL2275	EL549	MARATHN	480707 00	6549649 00	66 00		61.50		96 00	1981	ENV 3713	MAP 3713	
3366		G	OK	P		BE 54	EL2275	EL549	MARATHN	481218 00	6549677.00	67.50		62 30		96 00	1981	ENV 3713	MAP 3713	
3367		G	OK	P		BE 55	EL2275	EL549	MARATHN	480708 00	6549694 00	66 00		61 70		96.00	1981	ENV 3713	MAP 3713	
3368		G	OK	P		BE 56	EL2275	EL549	MARATHN	480695 00	6549825 00	66 25		61.40		96.00	1981	ENV 3713	MAP 3713	
3369		G	OK	P		BE 57	EL2275	EL549	MARATHN	480723.00	6549745 00	66 00		61.90		104 20	1981	ENV 3713	MAP 3713	
3376	145840	G	OK			BE 64	EL2275	EL549	MARATHN	474242.00	6551481 00	58 00		55.30		70.00	1981	ENV 3713	GPS	
3377	145841	G	OK			BE 65	EL2275	EL549	MARATHN	479683 00	6549437 00	63 50		62 20		96.00	1981	ENV 3713	GPS	

LAKE FROME EMBAYMENT

HOLE LOCATIONS AND DETAILS FROM OPEN FILE REPORTS

Record N°	DMESA N°	GL	GPS	C1	C2	Hole Name	Current Tenement	Original Lease	Original Operator	E-AMG	N-AMG	Estimated Elevation	Elevation (ft)	Elevation (m)	Total Depth (ft)	Total Depth (m)	Date	Fiche N°	Map N°	Notes
3378		G	OK	P		BE 66	EL2275	EL549	MARATHN	480970 00	6549565 00	67.00		61.90		95.00	1981	ENV 3713	GPS	
3379		G	OK	P		BE 67	EL2275	EL549	MARATHN	480748 00	6549838 00	65.75		62 20		95.00	1981	ENV 3713	GPS	
3380		G	OK	P		BE 68	EL2275	EL549	MARATHN	479715 00	6549539 00	63.50		61 40		96.00	1981	ENV 3713	GPS	
3381		G	OK	P		BE 69	EL2275	EL549	MARATHN	480740 00	6549811 00	66 25		61 60		96.00	1981	ENV 3713	GPS	
3382		G	OK	P		BE 70	EL2275	EL549	MARATHN	480601 00	6549642 00	65 75		61 60		95 00	1981	ENV 3713	GPS	
3383		G	OK	P		BE 71	EL2275	EL549	MARATHN	480259 00	6549519 00	66 25		62 00		95 00	1981	ENV 3713	GPS	
3384		G	OK	P		BE 72	EL2275	EL549	MARATHN	480793 00	6549605 00	66 50		61 70		95 00	1981	ENV 3713	GPS	
3385		G	OK	P		BE 73	EL2275	EL549	MARATHN	480757 00	6549686 00	66 25		61 70		95 00	1981	ENV 3713	GPS	
3386		G	OK	P		BE 74	EL2275	EL549	MARATHN	480287.00	6549810 00	65 25		61 80		95 00	1981	ENV 3713	GPS	
3387		G	OK	P		BE 75	EL2275	EL549	MARATHN	480850 00	6549599 00	66 50		61 70		95 00	1981	ENV 3713	GPS	
3388		G	OK	P		BE 76	EL2275	EL549	MARATHN	480658 00	6549701 00	65 75		61 60		95 00	1981	ENV 3713	GPS	
3389		G	OK	P		BE 77	EL2275	EL549	MARATHN	480295 00	6549703 00	65 00		61 20		95 00	1981	ENV 3713	GPS	
3390	145842	G	OK			BE 78	EL2275	EL549	MARATHN	480766 00	6549916 00	65 75		61 90		95 00	1981	ENV 3713	GPS	
3391		G	OK	P		BE 79	EL2275	EL549	MARATHN	481228 00	6549765 00	67 25		62 30		95 00	1981	ENV 3713	GPS	
3392		G	OK	P		BE 80	EL2275	EL549	MARATHN	480510 00	6549650 00	65 50		61 20		96 00	1981	ENV 3713	GPS	
3393	145843	G	OK			BE 81	EL2275	EL549	MARATHN	480299 00	6549790 00	64 75		62.10		76 00	1981	ENV 3713	GPS	
3394		G	OK	P		BE 82	EL2275	EL549	MARATHN	479743 00	6549630 00	63 50		61 10		95 00	1981	ENV 3713	GPS	
3395	145844	G	OK			BE 83	EL2275	EL549	MARATHN	479208 00	6549625 00	62 50		59 90		96 00	1981	ENV 3713	GPS	
3396		G	OK	P		BE 84	EL2275	EL549	MARATHN	482626 00	6549628 00	71 00		65 60		110 00	1981	ENV 3713	GPS	
3397	145845	G	OK			BE 85	EL2275	EL549	MARATHN	483876 00	6549405 00	75 00		66 30		110 00	1981	ENV 3713	GPS	
3398	145846	G				BE 86	EL2275	EL549	MARATHN	485000 00	6549500 00	75 50		68 30		110 00	1981	ENV 3713	GPS	
3399		G	OK	P		BE 87	EL2275	EL549	MARATHN	483458 00	6548245 00	77 00		71 60		112 00	1981	ENV 3713	GPS	
3400	145847	G	OK			BE 88	EL2275	EL549	MARATHN	481897 00	6545946 00	77 00		65 50		104 00	1981	ENV 3713	GPS	
3401	145848	G	OK			BE 89	EL2275	EL549	MARATHN	482143 00	6549664 00	69 00		65 00		103 00	1981	ENV 3713	GPS	
3402		G	OK	P		BE 90	EL2275	EL549	MARATHN	479171 00	6549452 00	62 50		60 40		95 00	1981	ENV 3713	GPS	
3403	145849	G	OK			BE 91	EL2275	EL549	MARATHN	478720 00	6549227.00	62 00		59 00		95 00	1981	ENV 3713	GPS	
3404		G	OK	P		BE 92	EL2275	EL549	MARATHN	480269 00	6549560 00	65 25		62 70		100.00	1981	ENV 3713	GPS	
3405		G	OK	P		BE 93	EL2275	EL549	MARATHN	480290 00	6549653 00	65 00		61 20		95 00	1981	ENV 3713	GPS	
3406		G	OK	P		BE 94	EL2275	EL549	MARATHN	480764 00	6549608 00	66 50		61 80		95.00	1981	ENV 3713	GPS	
3407		G	OK	P		BE 95	EL2275	EL549	MARATHN	480701.00	6549676 00	66 50		61 70		96 00	1981	ENV 3713	GPS	
3408	145850	G	OK			BE 96	EL2275	EL549	MARATHN	480855 00	6550341 00	64 50		62 10		96 00	1981	ENV 3713	GPS	
3409		G	OK	P		BE 97	EL2275	EL549	MARATHN	480713 00	6549719 00	66 00		61 70		95 00	1981	ENV 3713	GPS	
3410		G	OK	P		BE 98	EL2275	EL549	MARATHN	480687 00	6549575 00	66 25		61 40		95 00	1981	ENV 3713	GPS	
3411	145851	G	OK			BE 99	EL2275	EL549	MARATHN	480936 00	6550771.00	63 00		60 90		98 00	1981	ENV 3713	GPS	
3412	145852	G	OK			BE 100	EL2275	EL549	MARATHN	480253 00	6549482 00	65 25		61 90		97 00	1981	ENV 3713	GPS	
3413		G	OK	P		BE 101	EL2275	EL549	MARATHN	476722 00	6549678 00	61 00		56 90		78 00	1981	ENV 3713	GPS	
3414	145853	G	OK			BE 102	EL2275	EL549	MARATHN	475695.00	6549803 00	61 00		57 40		120.00	1981	ENV 3713	GPS	
3415		G	OK	P		BE 103	EL2275	EL549	MARATHN	474791 00	6550193 00	60 00		56 70		88 00	1981	ENV 3713	GPS	
3416	145854	G	OK			BE 104	EL2275	EL549	MARATHN	473942 00	6550192 00	56 50		55 50		80 00	1981	ENV 3713	GPS	
3417	145855	G	OK			BE 105	EL2275	EL549	MARATHN	475770 00	6547421 00	60.00		57 70		88 00	1981	ENV 3713	GPS	
3418	145856	G	OK			BE 106	EL2275	EL549	MARATHN	476498 00	6546758 00	63 00		61 30		88 00	1981	ENV 3713	GPS	
3419	145857	G	OK			BE 107	EL2275	EL549	MARATHN	477188 00	6546112 00	64.00		59 30		88 00	1981	ENV 3713	GPS	
3420	145858	G	OK			BE 108	EL2275	EL549	MARATHN	477950 00	6545433 00	63 00		61 20		88 00	1981	ENV 3713	GPS	
3421	145859	G	OK			BE 109	EL2275	EL549	MARATHN	478500 00	6544565 00	63 00		61 50		112 00	1981	ENV 3713	GPS	
3422	145860	G	OK			BE 110	EL2275	EL549	MARATHN	480008 00	6548775 00	65 50		62 90		104 00	1981	ENV 3713	GPS	
3423		G	OK	P		BE 111	EL2275	EL549	MARATHN	480935 00	6548498 00	69 50		62 70		96 00	1981	ENV 3713	GPS	
3424	145861	G	OK			BE 112	EL2275	EL549	MARATHN	481779 00	6548369 00	72 00		66.90		104 00	1981	ENV 3713	GPS	
3425		G	OK	P		BE 113	EL2275	EL549	MARATHN	482745 00	6548482 00	75 50		66.80		112 00	1981	ENV 3713	GPS	
3426	145862	G	OK			BE 114	EL2275	EL549	MARATHN	480385 00	6548535 00	67 50		63.60		96 00	1981	ENV 3713	GPS	
3427	145863	G	OK			BE 115	EL2275	EL549	MARATHN	479966 00	6548135 00	66 00		62.60		96 00	1981	ENV 3713	GPS	
3428		G	OK	P		BE 116	EL2275	EL549	MARATHN	480277 00	6548779 00	66 50		63.20		100 00	1981	ENV 3713	GPS	
3429		G	OK	P		BE 117	EL2275	EL549	MARATHN	479716 00	6548147 00	64 75		62.50		100 00	1981	ENV 3713	GPS	
3430	145864	G	OK			BE 118	EL2275	EL549	MARATHN	479971 00	6548405 00	65 75		62.30		96 00	1981	ENV 3713	GPS	
3431		G	OK	P		BE 119	EL2275	EL549	MARATHN	479473 00	6548148 00	63 75		61.50		96 00	1981	ENV 3713	GPS	
3432	145865	G	OK			BE 120	EL2275	EL549	MARATHN	479984 00	6547455 00	67 00		62.40		96 00	1981	ENV 3713	GPS	
3433	145866	G	OK			BE 121	EL2275	EL549	MARATHN	479439 00	6547438 00	64 25		58.70		88 00	1981	ENV 3713	GPS	
3434		G	OK	P		BE 122	EL2275	EL549	MARATHN	480023 00	6549056 00	65 25		61.80		96 00	1981	ENV 3713	GPS	
3435	145867	G	OK			BE 123	EL2275	EL549	MARATHN	480132 00	6549039 00	65.50		62.70		96 00	1981	ENV 3713	GPS	
3436		G	OK	P		BE 124	EL2275	EL549	MARATHN	480139 00	6549158.00	65.50		67.80		96 00	1981	ENV 3713	GPS	
3437	145868	G	OK			BE 125	EL2275	EL549	MARATHN	480059.00	6548773.00	65.75		63.00		100.00	1981	ENV 3713	GPS	

LAKE FROME EMBAYMENT
HOLE LOCATIONS AND DETAILS FROM OPEN FILE REPORTS

Record N°	DMESA N°	GL	GPS	C1	C2	Hole Name	Current Tenement	Original Lease	Original Operator	E-AMG	N-AMG	Estimated Elevation	Elevation (ft)	Elevation (m)	Total Depth (ft)	Total Depth (m)	Date	Fiche N°	Map N°	Notes
3438		G	OK	P		BE 126	EL2275	EL549	MARATHN	480004 00	6548883 00	65.25		67 60		96 00	1981	ENV 3713	GPS	
3439		G	OK	P		BE 127	EL2275	EL549	MARATHN	479902 00	6548875 00	65 00		67 00		96 00	1981	ENV 3713	GPS	
3440		G	OK	P		BE 128	EL2275	EL549	MARATHN	479612 00	6548140 00	64 00		62 10		96 00	1981	ENV 3713	GPS	
3441		G	OK	P		BE 129	EL2275	EL549	MARATHN	480164 00	6549041 00	65 75		61 90		96 00	1981	ENV 3713	GPS	
3442		G	OK	P		BE 130	EL2275	EL549	MARATHN	480056 00	6548837 00	65 50		63 00		100 00	1981	ENV 3713	GPS	
3443		G	OK	P		BE 131	EL2275	EL549	MARATHN	480061 00	6548720 00	65 75		62 70		100 00	1981	ENV 3713	GPS	
3444	145869	G	OK			BE 132	EL2275	EL549	MARATHN	480102 00	6548833 00	65 75		63 30		96 00	1981	ENV 3713	GPS	
3445		G	OK	P		BE 133	EL2275	EL549	MARATHN	480000 00	6548725 00	65 50		63 10		100 00	1981	ENV 3713	GPS	
3446		G	OK	P		BE 134	EL2275	EL549	MARATHN	479769 00	6548417 00	64 75		62 60		120 00	1981	ENV 3713	GPS	
3447	145870	G	OK			BE 135	EL2275	EL549	MARATHN	479558 00	6548146 00	64 00		61 90		96 00	1981	ENV 3713	GPS	
3448		G	OK	P		BE 136	EL2275	EL549	MARATHN	479934 00	6547892 00	66 00		61 90		96 00	1981	ENV 3713	GPS	
3449		G	OK	P		BE 137	EL2275	EL549	MARATHN	479662 00	6548423 00	64 25		63 40		96 00	1981	ENV 3713	GPS	
3450		G	OK	P		BE 138	EL2275	EL549	MARATHN	479606 00	6548428 00	64 00		67 60		96 00	1981	ENV 3713	GPS	
3451		G	OK	P		BE 139	EL2275	EL549	MARATHN	479509 00	6548146 00	63 75		61 70		96 00	1981	ENV 3713	GPS	
3452		G	OK	P		BE 140	EL2275	EL549	MARATHN	479555 00	6548036 00	64 00		61 60		96 00	1981	ENV 3713	GPS	
3453		G	OK	P		BE 141	EL2275	EL549	MARATHN	479729 00	6547899 00	64 50		61 60		96 00	1981	ENV 3713	GPS	
3454		G	OK	P		BE 142	EL2275	EL549	MARATHN	479929 00	6547786 00	66.25		61 90		96 00	1981	ENV 3713	GPS	
3455	145871	G	OK			BE 143	EL2275	EL549	MARATHN	480517 00	6547475 00	70 00		64 60		100 00	1981	ENV 3713	GPS	
3456	145872	G	OK			BE 144	EL2275	EL549	MARATHN	480482 00	6546932 00	71.50		64 90		128 00	1981	ENV 3713	GPS	
3457	145873	G	OK			BE 145	EL2275	EL549	MARATHN	480986 00	6546971 00	73 00		66 80		100 00	1981	ENV 3713	GPS	
3458		G	OK	P		BE 146	EL2275	EL549	MARATHN	479839 00	6547902 00	65 50		61 70		96 00	1981	ENV 3713	GPS	
3459		G	OK	P		BE 147	EL2275	EL549	MARATHN	479506 00	6548433 00	63 75		67 10		100 00	1981	ENV 3713	GPS	
3460		G	OK	P		BE 148	EL2275	EL549	MARATHN	479787 00	6548618 00	65 00		62 80		100 00	1981	ENV 3713	GPS	
3461		G	OK	P		BE 149	EL2275	EL549	MARATHN	479944 00	6548726 00	65 25		63 10		96 00	1981	ENV 3713	GPS	
3462		G	OK	P		BE 150	EL2275	EL549	MARATHN	480111 00	6548775 00	65.75		63 20		100 00	1981	ENV 3713	GPS	
3463		G	OK	P		BE 151	EL2275	EL549	MARATHN	479698 00	6547616 00	65 00		67.50		100 00	1981	ENV 3713	GPS	
3464		G	OK	P		BE 152	EL2275	EL549	MARATHN	479411 00	6548434 00	63 75		61 60		96 00	1981	ENV 3713	GPS	
3465		G	OK	P		BE 153	EL2275	EL549	MARATHN	479499 00	6548633 00	63 75		60 60		96 00	1981	ENV 3713	GPS	
3466	145874	G	OK			BE 154	EL2275	EL549	MARATHN	479703 00	6548785 00	64 50		60 70		96 00	1981	ENV 3713	GPS	
3467		G	OK	P		BE 155	EL2275	EL549	MARATHN	479508 00	6548735 00	63 75		60 30		96.00	1981	ENV 3713	GPS	
3468		G	OK	P		BE 156	EL2275	EL549	MARATHN	479708 00	6548937 00	64 50		60 40		96 00	1981	ENV 3713	GPS	
3469	145875	G	OK			BE 157	EL2275	EL549	MARATHN	479541 00	6548544 00	64 00		61 80		96 00	1981	ENV 3713	GPS	
3470		G	OK	P		BE 158	EL2275	EL549	MARATHN	479608 00	6548812 00	64.00		60 40		96.00	1981	ENV 3713	GPS	
3471		G	OK	P		BE 159	EL2275	EL549	MARATHN	479711 00	6548890 00	64 50		60 50		96 00	1981	ENV 3713	GPS	
3472		G	OK	P		BE 160	EL2275	EL549	MARATHN	479794 00	6548881 00	64 75		61 50		96 00	1981	ENV 3713	GPS	
3473		G	OK	P		BE 161	EL2275	EL549	MARATHN	479457 00	6548435 00	63 75		61 70		96 00	1981	ENV 3713	GPS	
3475	129507	G	OK			BE 165C	EL2275	EL957	MARATHN	479647 00	6548137 00	64 25		0 00		92 73		ENV 3713	GPS	
3476	129508	G	OK			BE 166C	EL2275	EL957	MARATHN	479554 00	6548145 00	64 00		0 00		91 00		ENV 3713	GPS	
3477	129509	G	OK			BE 167C	EL2275	EL957	MARATHN	479491 00	6548143 00	63 75		0 00		89 10		ENV 3713	GPS	
3478		G	OK	P		BE 169	EL2275	EL957	MARATHN	481733 00	6547183 00	75 00				108 00	1981	ENV 3713	GPS	
3479	145876	G	OK			BE 170	EL2275	EL957	MARATHN	481315 00	6548405 00	70 00		0 00		96 00	1981	ENV 3713	GPS	
3480		G	OK	P		BE 171	EL2275	EL957	MARATHN	481115 00	6548437 00	69 50				90 00	1981	ENV 3713	GPS	
3481		G	OK	P		BE 172	EL2275	EL957	MARATHN	481013 00	6548450 00	70 00				93 00	1981	ENV 3713	GPS	
3482	145877	G	OK			BE 173	EL2275	EL957	MARATHN	483150 00	6545220 00	77 00		0.00		108 00	1981	ENV 3713	GPS	
3483	145878	G	OK			BE 174	EL2275	EL957	MARATHN	485722 00	6540945 00	74.00		0 00		114 00	1981	ENV 3713	GPS	
3484	145879	G	OK			BE 175	EL2275	EL957	MARATHN	484986 00	6535069 00	79 00		0 00		110 00	1981	ENV 3713	GPS	
3486	145880	G	OK			BE 177	EL2275	EL957	MARATHN	494588 00	6531655 00	88.00		0.00		156 00	1981	ENV 3713	GPS	
3487	145881	G				BE 178	EL2275	EL957	MARATHN	483000 00	6543200 00	71 00		0 00		105 00	1981	ENV 3713	DMESA	
3488	145882	G	OK			BE 179	EL2275	EL957	MARATHN	480337 00	6545602 00	69 50		0 00		102 00	1981	ENV 3713	GPS	
3489	145883	G				BE 180	EL2275	EL957	MARATHN	483400 00	6552000 00	71 00		0 00		102.00	1981	ENV 3713	DMESA	
3490		G	OK	P		BE 181	EL2275	EL957	MARATHN	479421 00	6548148 00	63 75				91.50	1981	ENV 3713	GPS	
3491	145884	G	OK			BE 182	EL2275	EL957	MARATHN	479371 00	6548148 00	63 50		0 00		100.50	1981	ENV 3713	GPS	
3572	129501	G	DG			MU 2	EL2275	EL679	MARATHN	486418 84	6533418 52	81 00		0 00		614.70		ENV 4011	DMESA	
4068	-212	X		X		BU07	EL2275	EL0839		500150 00	6535900 00	XXX		100 00		152 00		GS1978/179	DMESA	
4069	-219	X		X		BU14	EL2275	EL0841		500000 00	6543800 00	91 00		100 00		120 00		GS1978/179	DMESA	
4070	-227	X		X		BU22	EL2275	EL0843		500000 00	6551800 00	89 00		100 00		120 00		GS1978/179	DMESA	

APPENDIX 2

EL 2272- 2275

CURNAMONA URANIUM JOINT VENTURE

1998 DRILL HOLE SUMMARY
DRILL HOLE LOGS CUM001 - CUM096

April 1999

PALADIN RESOURCES NL

DRILL HOLE DATA
EL2275

Record	Hole	EL	N-AMG	E-AMG	AHD	Azim	Dip	T.DEPTH
1	CUM001	EL2275	6548145	479585	61.50	0	-90	104
2	CUM002	EL2275	6548146	479529	61.50	0	-90	102
3	CUM003	EL2275	6548427	479478	62.25	0	-90	103
4	CUM004	EL2275	6548429	479426	62.25	0	-90	97
5	CUM005	EL2275	6548431	479377	62.25	0	-90	96
6	CUM006	EL2275	6548629	479548	61.50	0	-90	102
7	CUM007	EL2275	6548624	479577	61.50	0	-90	102
8	CUM008	EL2275	6548803	479629	60.50	0	-90	96
9	CUM009	EL2275	6548626	479593	61.50	0	-90	102
10	CUM010	EL2275	6548795	479653	60.50	0	-90	102
11	CUM011	EL2275	6548804	479642	60.50	0	-90	102
12	CUM012	EL2275	6548727	479870	61.80	0	-90	102
13	CUM013	EL2275	6548800	479900	61.80	0	-90	102
14	CUM014	EL2275	6548762	479883	61.80	0	-90	102
15	CUM015	EL2275	6548784	479889	61.80	0	-90	102
16	CUM016	EL2275	6548776	479985	63.25	0	-90	102
17	CUM017	EL2275	6548777	480080	63.25	0	-90	102
18	CUM018	EL2275	6548804	480055	63.25	0	-90	102
19	CUM019	EL2275	6548879	479986	64.60	0	-90	102
20	CUM020	EL2275	6549040	480162	64.00	0	-90	102
21	CUM021	EL2275	6549100	480200	64.00	0	-90	102
22	CUM022	EL2275	6549100	480300	66.50	0	-90	102
23	CUM023	EL2275	6549338	480201	61.00	0	-90	102
24	CUM024	EL2275	6549389	480218	61.00	0	-90	96
25	CUM025	EL2275	6549239	480170	61.00	0	-90	102
26	CUM026	EL2275	6549200	481000	63.25	0	-90	96
27	CUM027	EL2275	6549300	481000	63.25	0	-90	96
28	CUM028	EL2275	6549100	481000	63.25	0	-90	96
29	CUM029	EL2275	6549131	480300	66.50	0	-90	102
30	CUM030	EL2275	6547902	479781	61.50	0	-90	96
31	CUM031	EL2275	6547500	479699	63.75	0	-90	96
32	CUM032	EL2275	6547499	479598	63.75	0	-90	96
33	CUM033	EL2275	6547229	480517	64.80	0	-90	102
34	CUM034	EL2275	6547052	480498	64.80	0	-90	102
35	CUM035	EL2275	6546985	480490	64.80	0	-90	102
36	CUM036	EL2275	6546100	480350	64.00	0	-90	102
37	CUM037	EL2275	6545850	480339	64.00	0	-90	102
38	CUM038	EL2275	6545974	480349	64.00	0	-90	102
39	CUM039	EL2275	6546037	480349	64.00	0	-90	102
40	CUM040	EL2275	6546004	480350	64.00	0	-90	102
41	CUM041	EL2275	6553594	478755	58.50	0	-90	90
42	CUM042	EL2275	6553698	478775	58.50	0	-90	90
43	CUM043	EL2275	6550543	478285	59.10	0	-90	90
44	CUM044	EL2275	6550361	478270	59.10	0	-90	90
45	CUM045	EL2275	6549460	478138	59.00	0	-90	96
46	CUM046	EL2275	6550879	476670	61.00	0	-90	92
47	CUM047	EL2275	6551876	476620	61.00	0	-90	90
48	CUM048	EL2275	6551747	480945	59.50	0	-90	102
49	CUM049	EL2275	6551782	481938	59.50	0	-90	96
50	CUM050	EL2275	6546094	480457	64.00	0	-90	102

PALADIN RESOURCES NL

DRILL HOLE DATA
EL2275

Record	Hole	EL	N-AMG	E-AMG	AHD	Azim	Dip	T.DEPTH
51	CUM051	EL2275	6545966	480462	64.00	0	-90	102
52	CUM052	EL2275	6545999	480452	64.00	0	-90	102
53	CUM053	EL2275	6545980	480457	64.00	0	-90	102
54	CUM054	EL2275	6546116	480254	64.00	0	-90	102
55	CUM055	EL2275	6546172	480263	64.00	0	-90	96
56	CUM056	EL2275	6546146	480255	64.00	0	-90	102
57	CUM057	EL2275	6547909	479808	61.60	0	-90	96
58	CUM058	EL2275	6548630	479590	61.50	0	-90	96
59	CUM059	EL2275	6548741	480063	63.00	0	-90	102
60	CUM060	EL2275	6548832	480034	63.50	0	-90	102
61	CUM061	EL2275	6548881	479995	64.60	0	-90	102
62	CUM062	EL2275	6549064	480193	64.00	0	-90	96
63	CUM063	EL2275	6549292	480187	61.00	0	-90	96
64	CUM064	EL2275	6549265	480178	61.00	0	-90	96
65	CUM065	EL2275	6548839	479984	64.60	0	-90	96
66	CUM066	EL2275	6557075	485549	68.00	0	-90	120
67	CUM067	EL2275	6558049	485517	66.00	0	-90	126
68	CUM068	EL2275	6556688	485539	69.00	0	-90	114
69	CUM069	EL2275	6554646	482796	69.50	0	-90	108
70	CUM070	EL2275	6554109	482859	69.00	0	-90	108
71	CUM071	EL2275	6555100	482692	67.00	0	-90	102
72	CUM072	EL2275	6551627	482355	67.50	0	-90	102
73	CUM073	EL2275	6544179	478815	63.50	0	-90	96
74	CUM074	EL2275	6545025	478338	63.00	0	-90	96
75	CUM075	EL2275	6544759	478344	63.00	0	-90	90
76	CUM076	EL2275	6544785	478763	63.00	0	-90	96
77	CUM077	EL2275	6545044	477966	62.50	0	-90	90
78	CUM078	EL2275	6545073	477444	63.00	0	-90	94
79	CUM079	EL2275	6545068	475443	58.00	0	-90	85.2
80	CUM080	EL2275	6539398	488978	81.00	0	-90	126
81	CUM081	EL2275	6540177	488262	81.50	0	-90	126
82	CUM082	EL2275	6534807	493727	87.00	0	-90	135
83	CUM083	EL2275	6535137	483199	74.50	0	-90	96
84	CUM084	EL2275	6535140	484051	73.00	0	-90	102
85	CUM085	EL2275	6535082	484588	76.00	0	-90	108
86	CUM086	EL2275	6543290	477624	61.00	0	-90	90
87	CUM087	EL2275	6542945	477025	60.50	0	-90	90
88	CUM088	EL2275	6543076	477266	61.50	0	-90	90
89	CUM089	EL2275	6540349	476068	62.00	0	-90	92
90	CUM090	EL2275	6539663	476769	62.50	0	-90	78
91	CUM091	EL2275	6540049	476425	62.00	0	-90	95
92	CUM092	EL2275	6539901	476591	62.50	0	-90	83
93	CUM093	EL2275	6541298	474849	60.00	0	-90	78
94	CUM094	EL2275	6538839	475584	63.50	0	-90	90
95	CUM095	EL2275	6538804	473547	61.50	0	-90	90
96	CUM096	EL2275	6538892	477535	63.50	0	-90	71

TABLE 1

STRATIGRAPHY FOR LAKE FROME EMBAYMENT

Geol. Unit	Description
--	Unknown
Q	Quaternary undifferentiated
Qc	Quaternary conglomerate
T	Tertiary undifferentiated
Tn	Namba Formation
Tnm	Namba Fm – mudstone
Tnmb	Namba Fm – Beverley mudstone
Tnma	Namba Fm – alpha mudstone
Tn0a	Namba Fm – alpha mudstone sand
Tnoa3	Namba Fm – alpha mudstone upper sand
Tn0a2	Namba Fm – alpha mudstone middle sand
Tn0a1	Namba Fm – alpha mudstone lowest sand
Tnk2	Namba Fm – upper calcareous mudstone
Tnk1	Namba Fm – main calcareous mudstone
Tnk	Namba Fm – calcareous mudstone
Tng	Namba Fm – lignite
Tn4	Namba Fm – shallow upper sand
Tn3	Namba Fm – upper sand
Tn3p	Namba Fm – upper pyritic sand
Tn2	Namba Fm – middle sand
Tn1	Namba Fm – normal lowest sand
Tn0b	Namba Fm – Beverley sand
Tn0	Namba Fm – deep lowest sands
Tns	Namba Fm – undifferentiated sand
Tnmo	Namba Fm – organic mudstone
Te	Eyre Formation
Te2	Eyre Fm – upper fine-medium grained sands
Te1c3	Eyre Fm – upper coarse grained sands third cycle
Te1c2	Eyre Fm – upper coarse grained sands second cycle
Te1c1	Eyre Fm – upper coarse grained sands first cycle
Te1c	Eyre Fm – upper coarse grained sands
Te1b3	Eyre Fm – basal coarse grained sands third cycle
Te1b2	Eyre Fm – basal coarse grained sands second cycle
Te1b1	Eyre Fm – basal coarse grained sands first cycle
Te1b	Eyre Fm – basal coarse grained sands
Te1a2	Eyre Fm – basal grit/conglomerate second cycle
Te1a1	Eyre Fm – basal grit/conglomerate first cycle
Te1a	Eyre Fm – basal grit/conglomerate
Te1	Eyre Fm – coarse grained basal sand/conglomerate
Te0	Eyre Fm – deep basil sand/conglomerate
Tes	Eyre Fm – sands undifferentiated
Tem	Eyre Fm – mudstone
Teg	Eyre Fm – lignite
Temk	Eyre Fm – calcareous mudstone
BA	Basement undifferentiated sediments
Km	Cretaceous basement sediments
Cbn	Cambrian basement sediments
Pa	Proterozoic amphibolite
Pg	Proterozoic granite
Pn	Proterozoic gneiss
Prot	Proterozoic undifferentiated schist, metaseds, gneiss, granite

PALADIN RESOURCES N'

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	--	--
Probe No.	gamma 689	gamma to (m)	104.0	--	--
Date Logged	09/02/1998	gamma speed (m/min)	3	--	--
Operator	GJ	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	104.0	--	--
Notes	good SP, bad R	electric speed (m/min)	8	--	--

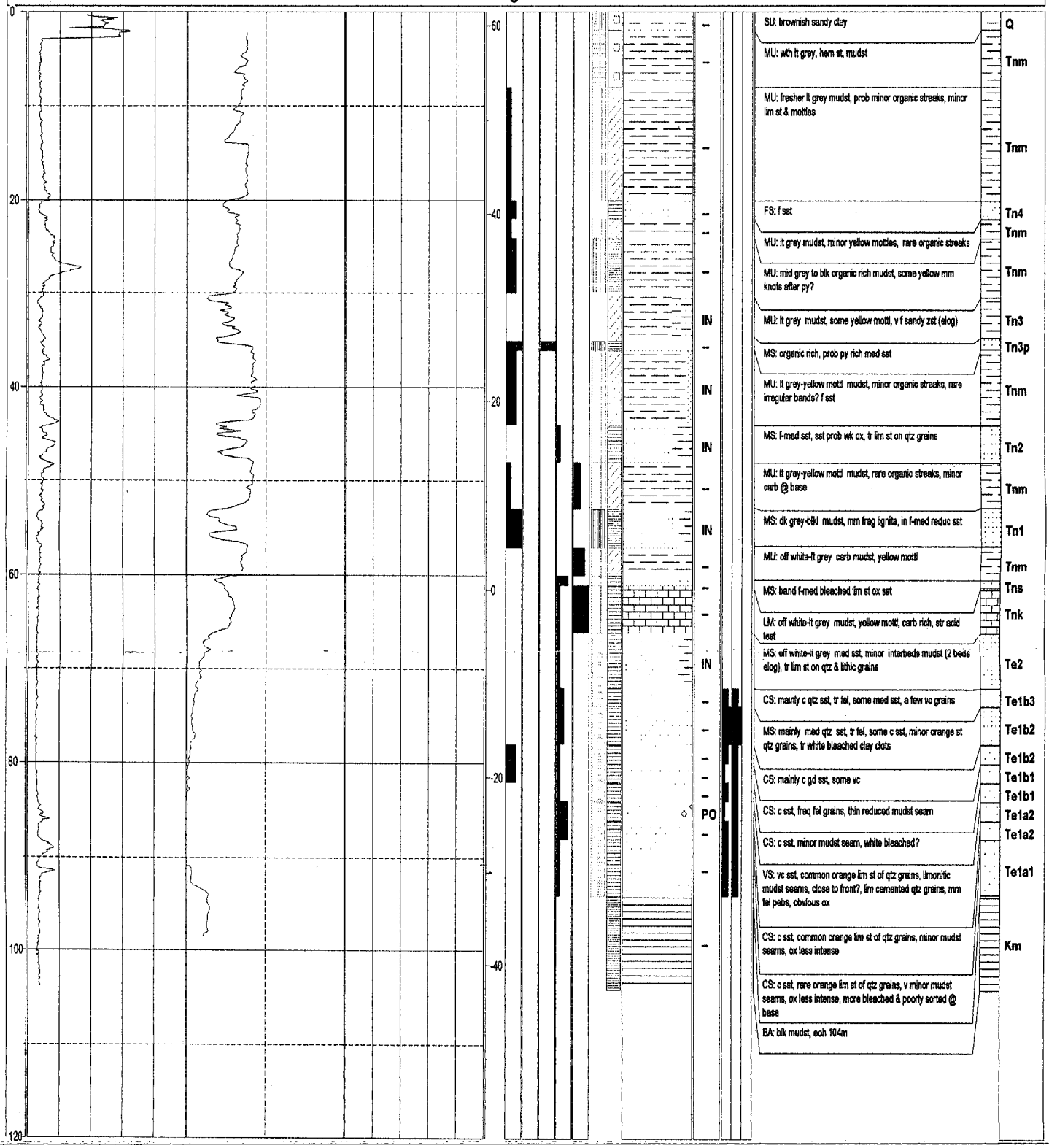
Co-ord local (m)	--		E	--	N
Co-ord AMG	479585		F	6548145	N
Collar Elev (m)	--			m) 61.50	ADH
Depth (m)	104.00	Azimuth	--	Dip	90 deg
Date commenced	09/02/1998		Date completed	09/02/1998	
Geologist	JD-B		Logged date	09/02/1998	
Drilling Co.	Thompson		Method	rotary mud	
Casing from (m)	--		To	--	
Water Table (m)	--		Date measured	--	
Hole Diam. (cm)	12		Plugged (Y/N)	N	
Date plotted	08/06/1998				

CUM001

Prospect: Oban

Project: 9261
Name: CUJV
Tenement: EL2275

Depth
Gamma 0-1000 cps (corr)
Gamma 0-5000 cps (corr)
R (100-0 nominal)
SP (0-100 nominal)
eU3O8 (calc) 0-2,500 ppm
0.5 m intersections >= 100 ppm eve.
RL (m)
Organic
Humic
Pyrite
Limon.
Carb.
Colour
Redox
Cuttings
Relator
Sorting
Rndness
Bedding
Description & Comments
Lithol.
Unit



PALADIN RESOURCES N'

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	80.0	--
Probe No.	gamma 689	gamma to (m)	102.0	93.0	--
Date Logged	09/02/1998	gamma speed (m/min)	3	2	--
Operator	GJ	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	102.0	--	--
Notes	good SP, bad R	electric speed (m/min)	8	--	--

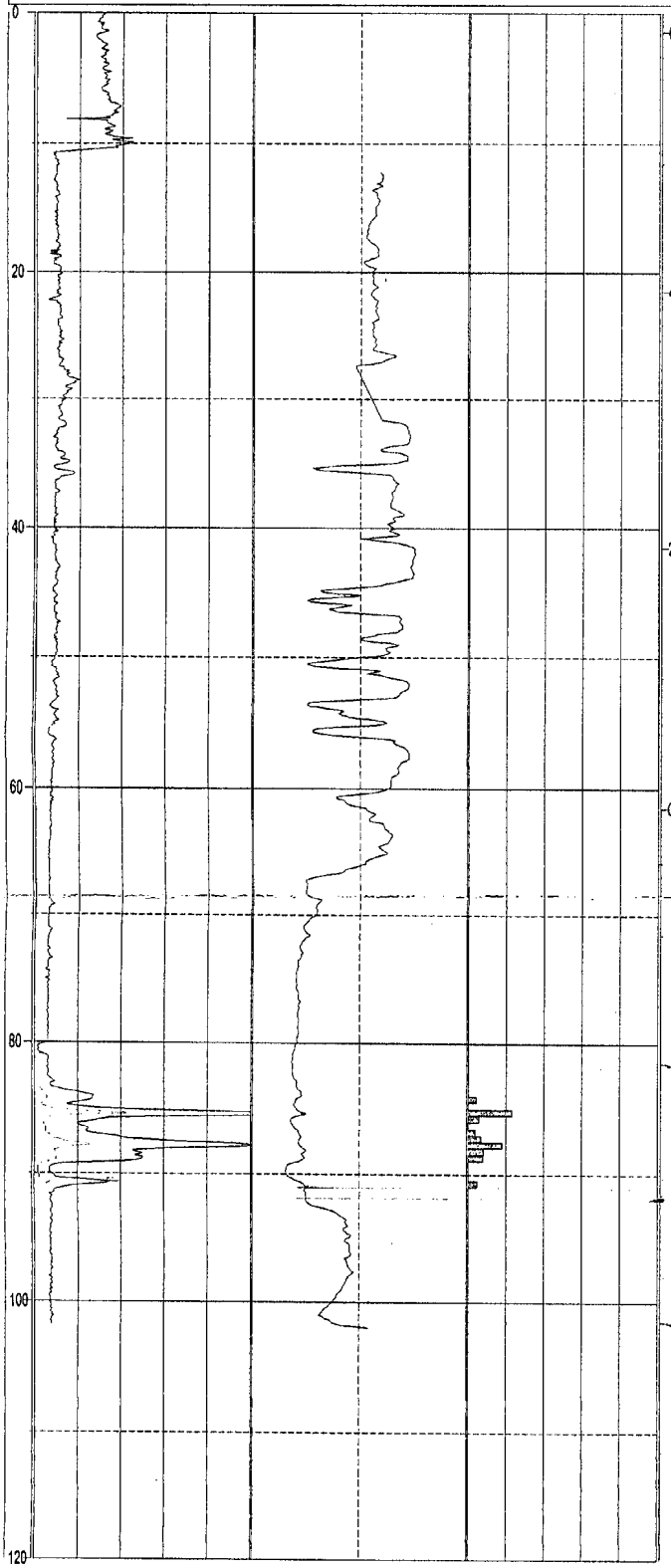
Co-ord local (m)	--	E	--	N	
Co-ord AMG	479529	E	6548146	N	
Collar Elev (m)	--	m)	61.50	ADH	
Depth (m)	102.0	Azimuth	--	Dip	90 deg
Date commenced	09/02/1998	Date completed	09/02/1998		
Geologist	JD-B	Logged date	09/02/1998		
Drilling Co.	Thompson	Method	rotary mud		
Casing from (m)	0.0	To	6.0		
Water Table (m)	--	Date measured	--		
Hole Diam. (cm)	12	Plugged (Y/N)	N		
Date plotted	08/06/1998				

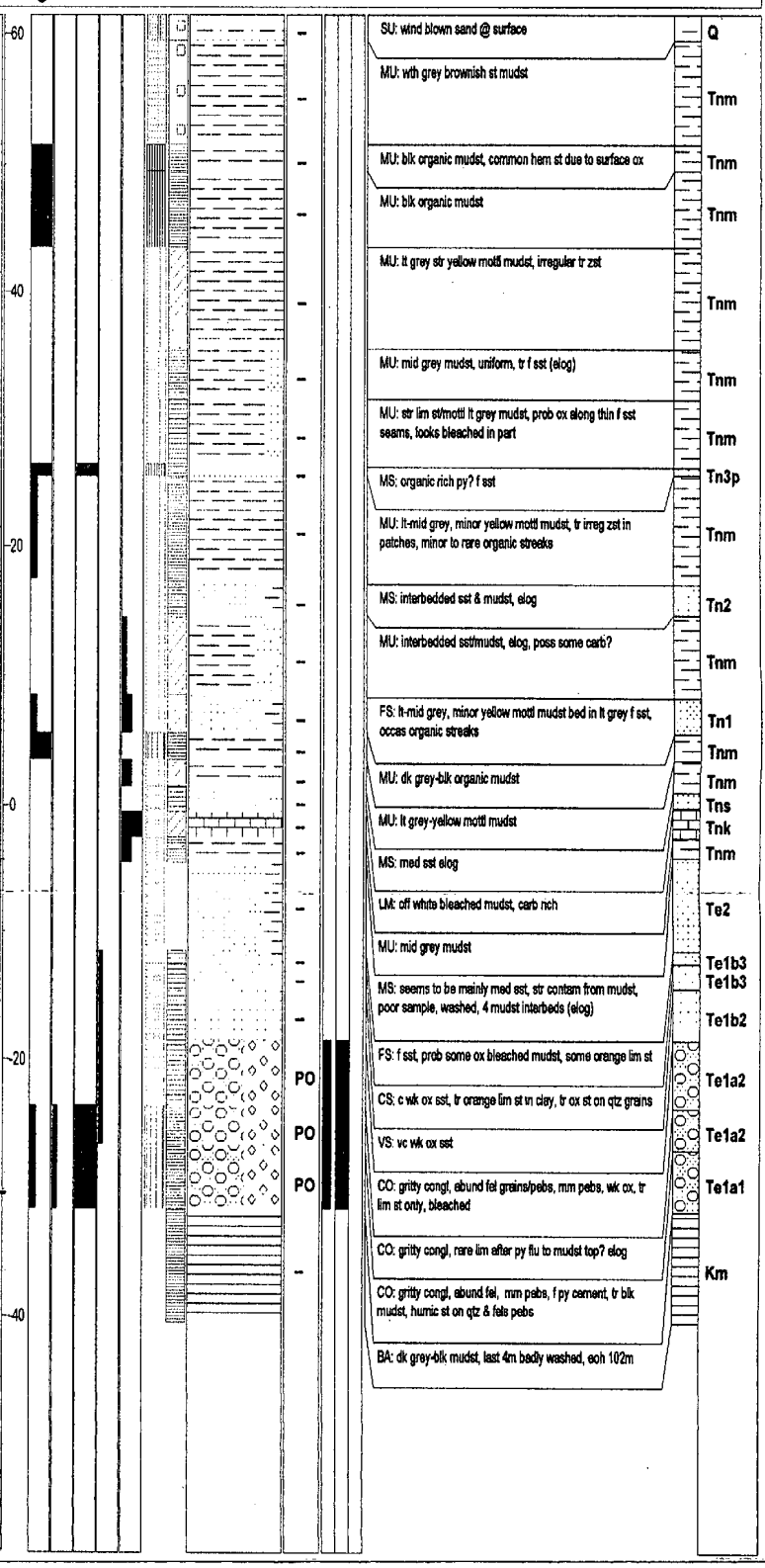
CUM002

Prospect: Oban

Project: 9261
Name: CUJV
Tenement: EL2275

Depth
Gamma 0-1000 cps (corr)
Gamma 0-5000 cps (corr)
R (100-0 nominal)
SP (0-100 nominal)
eU3O8 (calc)
0-2,500 ppm
0.5 m intersections >= 100 ppm eve.





Description & Comments	Lithol.	Unit
SU: wind blown sand @ surface		Q
MU: wth grey brownish st mudst		Tnm
MU: blk organic mudst, common hem st due to surface ox		Tnm
MU: blk organic mudst		Tnm
MU: lt grey str yellow mottl mudst, irregular tr zst		Tnm
MU: mid grey mudst, uniform, tr f sst (elog)		Tnm
MU: str lim st/mottl lt grey mudst, prob ox along thin f sst seams, looks bleached in part		Tnm
MS: organic rich py? f sst		Tn3p
MU: lt-mid grey, minor yellow mottl mudst, tr irreg zst in patches, minor to rare organic streaks		Tnm
MS: interbedded sst & mudst, elog		Tn2
MU: interbedded sst/mudst, elog, poss some carb?		Tnm
FS: lt-mid grey, minor yellow mottl mudst bed in lt grey f sst, occas organic streaks		Tn1
MU: dk grey-blk organic mudst		Tnm
MU: lt grey-yellow mottl mudst		Tnm
MS: med sst elog		Tns
LM: off white bleached mudst, carb nch		Tnk
MU: mid grey mudst		Tnm
MS: seems to be mainly med sst, str contam from mudst, poor sample, washed, 4 mudst interbeds (elog)		Te2
FS: f sst, prob some ox bleached mudst, some orange lim st		Te1b3
CS: c wk ox sst, tr orange lim st in clay, tr ox st on qtz grains		Te1b3
VS: vc wk ox sst		Te1b2
CO: gritty congl, abund fel grains/pebs, mm pebs, wk ox, tr lim st only, bleached		Te1a2
CO: gritty congl, rare lim after py flu to mudst top? elog		Te1a2
CO: gritty congl, abund fel, mm pebs, f py cement, tr blk mudst, humic st on qtz & fels pebs		Te1a1
BA: dk grey-blk mudst, last 4m badly washed, eoh 102m		Km

PALADIN RESOURCES N'

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	88.0	--
Probe No.	gamma 689	gamma to (m)	103.0	94.0	--
Date Logged	09/02/1998	gamma speed (m/min)	3	2	--
Operator	GJ	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	103.0	--	--
Notes	good SP, bad R	electric speed (m/min)	8	--	--

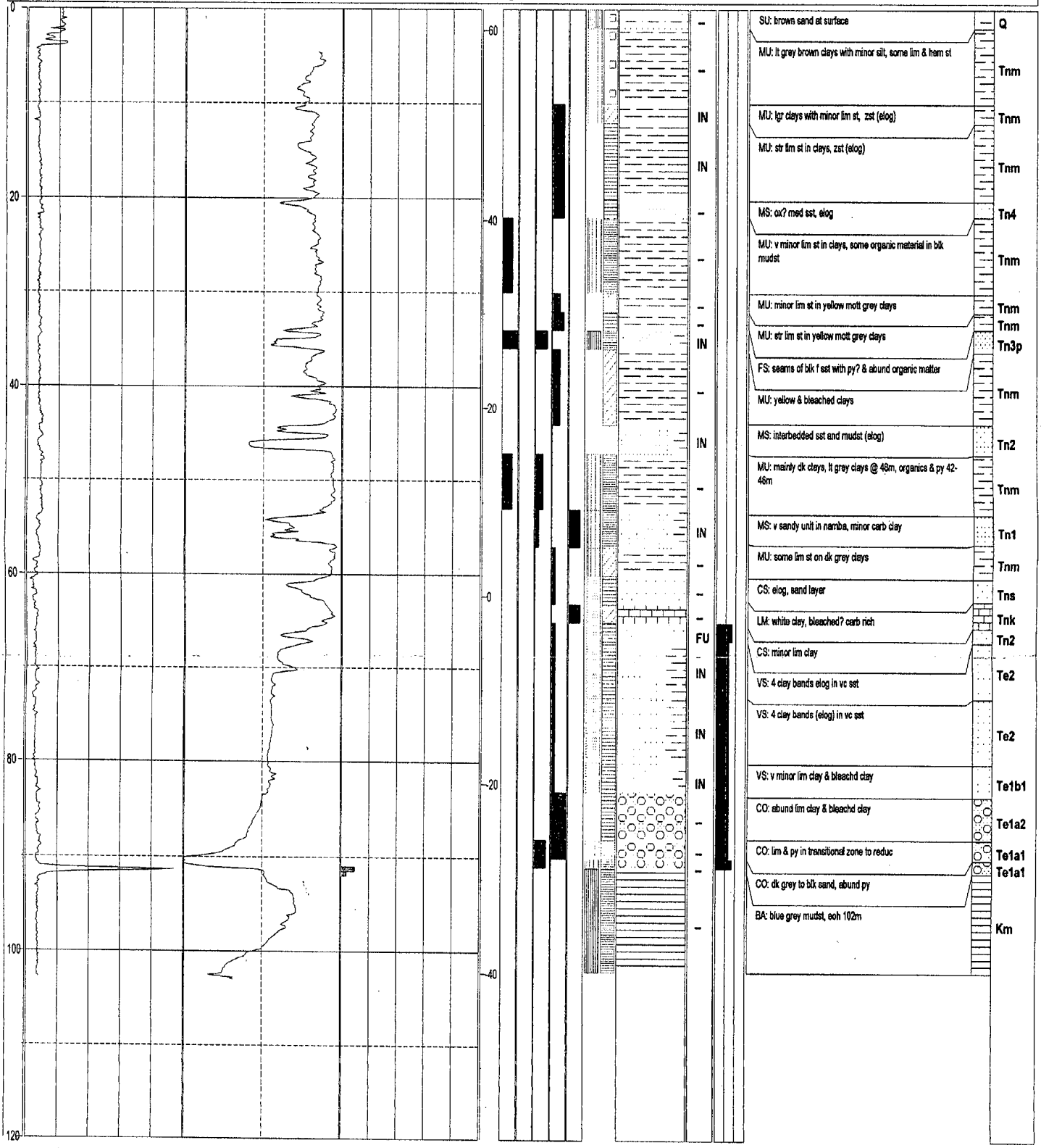
Co-ord local (m)	--		E	--	N
Co-ord AMG	479478		E	6548427	N
Collar Elev (m)	--			m) 62.25	ADH
Depth (m)	103.0	Azimuth	--	Dip	90 deg
Date commenced	09/02/1998		Date completed	09/02/1998	
Geologist	WD		Logged date	09/02/1998	
Drilling Co.	Thompson		Method	rotary mud	
Casing from (m)	0.0		To	6.0	
Water Table (m)	--		Date measured	--	
Hole Diam. (cm)	12		Plugged (Y/N)	N	
Date plotted	08/06/1998				

CUM003

Prospect: Oban

Project: 9261
Name: CUJV
Tenement: EL2275

Depth
Gamma 0-1000 cps (corr)
Gamma 0-5000 cps (corr)
R (100-0 nominal)
SP (0-100 nominal)
eU3O8 (calc)
0-2,500 ppm
0.5 m intersections >= 100 ppm ave.



Description & Comments	Lithol.	Unit
SU: brown sand at surface		Q
MU: lt grey brown clays with minor silt, some lim & hem st		Tnm
MU: lgr clays with minor lim st, zst (elog)		Tnm
MU: str lim st in clays, zst (elog)		Tnm
MS: ox? med sst, elog		Tn4
MU: v minor lim st in clays, some organic material in blk mudst		Tnm
MU: minor lim st in yellow mott grey clays		Tnm
MU: str lim st in yellow mott grey clays		Tnm
FS: seams of blk f sst with py? & abund organic matter		Tn3p
MU: yellow & bleached clays		Tnm
MS: interbedded sst and mudst (elog)		Tn2
MU: mainly dk clays, lt grey clays @ 48m, organics & py 42-46m		Tnm
MS: v sandy unit in namba, minor carb clay		Tn1
MU: some lim st on dk grey clays		Tnm
CS: elog, sand layer		Tns
LM: white clay, bleached? carb rich		Tnk
CS: minor lim clay		Tn2
VS: 4 clay bands elog in vc sst		Te2
VS: 4 clay bands (elog) in vc sst		Te2
VS: v minor lim clay & bleachd clay		Te1b1
CO: abund lim clay & bleachd clay		Te1a2
CO: lim & py in transitional zone to reduc		Te1a1
CO: dk grey to blk sand, abund py		Te1a1
BA: blue grey mudst, eoh 102m		Km

PALADIN RESOURCES N'

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	79.0	0.0
Probe No.	gamma 689	gamma to (m)	97.0	95.0	5.0
Date Logged	10/02/1998	gamma speed (m/min)	3	2	3
Operator	GJ	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	94.0	--	--
Notes	good SP, bad R	electric speed (m/min)	8.0	--	--

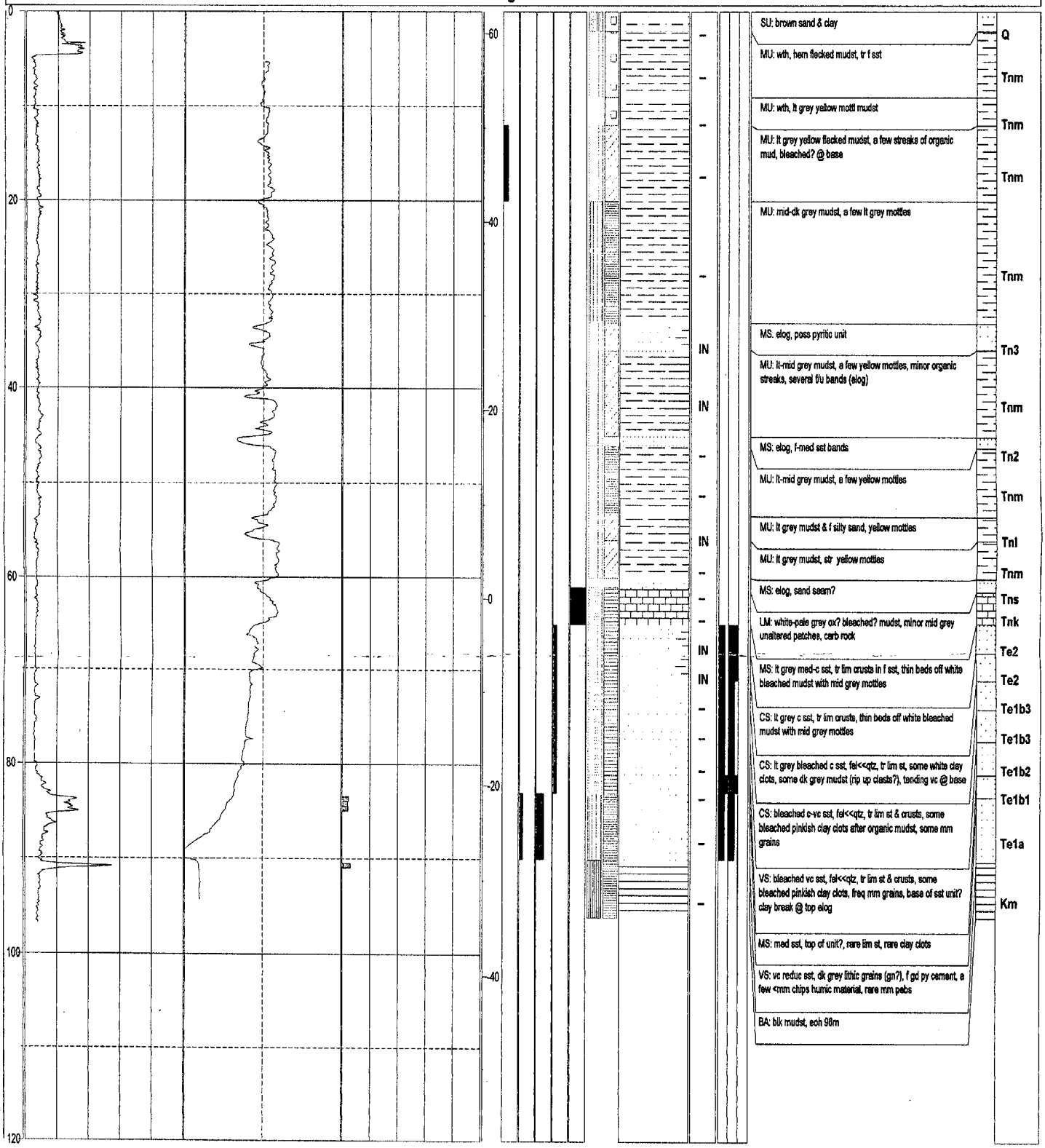
Co-ord local (m)	--	E	--	N	
Co-ord AMG	479426	E	6548429	N	
Collar Elev (m)	--		m) 62.25	ADH	
Depth (m)	97.0	Azimuth	--	Dip	90 deg
Date commenced	10/02/1998		Date completed	10/02/1998	
Geologist	JD-B		Logged date	10/02/1998	
Drilling Co.	Thompson		Method	rotary mud	
Casing from (m)	0.0		To	6.0	
Water Table (m)	--		Date measured	--	
Hole Diam. (cm)	12		Plugged (Y/N)	N	
Date plotted	08/06/1998				

CUM004

Prospect: Oban

Project: 9261
Name: CUJV
Tenement: EL2275

Depth
Gamma 0-1000 cps (corr)
Gamma 0-5000 cps (corr)
R (100-0 nominal)
SP (0-100 nominal)
eU3O8 (calc)
0-2,500 ppm
0.5 m intersections >= 100 ppm ave.



Description & Comments | Lithol. | Unit

Description & Comments	Lithol.	Unit
SU: brown sand & clay		Q
MU: wth, hem flecked mudst, tr f sst		Tnm
MU: wth, lt grey yellow mottl mudst		Tnm
MU: lt grey yellow flecked mudst, a few streaks of organic mud, bleached? @ base		Tnm
MU: mid-dk grey mudst, a few lt grey mottles		Tnm
MS. elog, poss pyritic unit		Tn3
MU: lt-mid grey mudst, a few yellow mottles, minor organic streaks, several f/u bands (elog)		Tnm
MS: elog, f-med sst bands		Tn2
MU: lt-mid grey mudst, a few yellow mottles		Tnm
MU: lt grey mudst & f silty sand, yellow mottles		Tnl
MU: lt grey mudst, str yellow mottles		Tnm
MS: elog, sand seam?		Tns
LM: white-pale grey ox? bleached? mudst, minor mid grey unaltered patches, carb rock		Tnk
MS: lt grey med-c sst, tr lim crusts in f sst, thin beds off white bleached mudst with mid grey mottles		Te2
CS: lt grey c sst, tr lim crusts, thin beds off white bleached mudst with mid grey mottles		Te2
CS: lt grey bleached c sst, fel<<qtz, tr lim st, some white clay clots, some dk grey mudst (rip up clasts?), tending vc @ base		Te1b3
CS: bleached c-vc sst, fel<<qtz, tr lim st & crusts, some bleached pinkish clay clots after organic mudst, some mm grains		Te1b2
VS: bleached vc sst, fel<<qtz, tr lim st & crusts, some bleached pinkish clay clots, freq mm grains, base of sst unit? clay break @ top elog		Te1b1
MS: med sst, top of unit?, rare lim st, rare clay clots		Te1a
VS: vc reduc sst, dk grey lithic grains (gn?), f gd py cement, a few <mm chips humic material, rare mm pebs		Km
BA: blk mudst, eoh 98m		

PALADIN RESOURCES N'

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	80.0	32.0
Probe No.	gamma 689	gamma to (m)	96.0	88.0	32.0
Date Logged	10/02/1998	gamma speed (m/min)	3	2	3
Operator	GJ	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	95.0	--	--
Notes	good SP, bad R	electric speed (m/min)	8	--	--

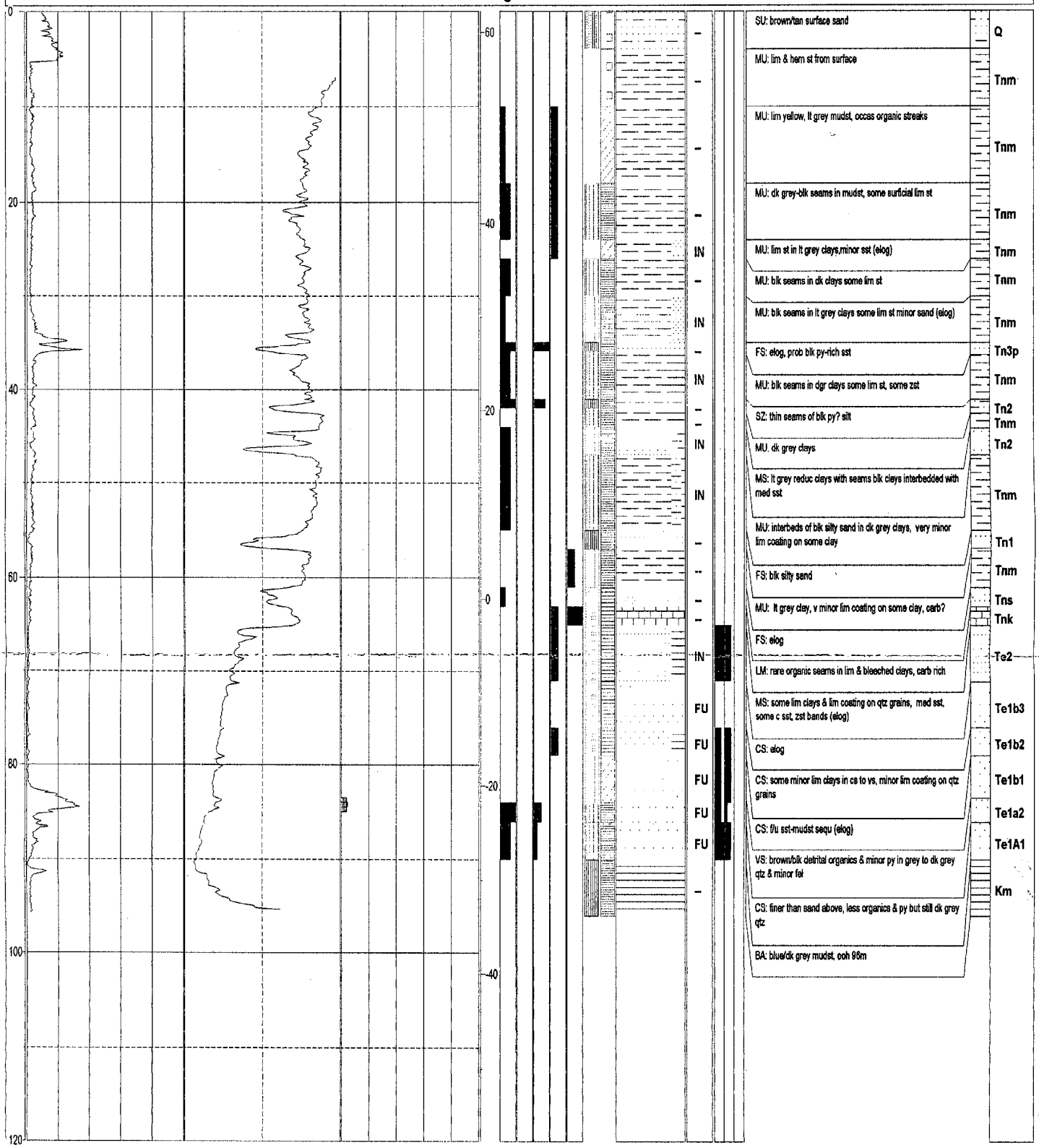
Co-ord local (m)	--	E	--	N	
Co-ord AMG	479377	E	6548431	N	
Collar Elev (m)	--		m) 62.25	ADH	
Depth (m) 96.0	Azimuth --		90 deg		
Date commenced	10/02/1998	Date completed	10/02/1998		
Geologist	WD	Logged date	10/02/1998		
Drilling Co.	Thompson	Method	rotary mud		
Casing from (m)	0.0	To	6.0		
Water Table (m)	--	Date measured	--		
Hole Diam. (cm)	12.0	Plugged (Y/N)	N		
Date plotted	08/06/1998				

CUM005

Prospect: Oban

Project: 9261
Name: CUJV
Tenement: EL2275

Depth | Gamma 0-1000 cps (corr) | Gamma 0-5000 cps (corr) | R (100-0 nominal) | SP (0-100 nominal) | eU3O8 (calc) 0-2,500 ppm 0.5 m intersections >= 100 ppm ave. | RL (m) | Organic | Humic | Pyrite | Limon. | Carb. | Colour | Redox | Cuttings | Relator | Sorting | Rndness | Bedding | Description & Comments | Lithol. | Unit



PALADIN RESOURCES N'

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	80.0	82.0
Probe No.	gamma 689	gamma to (m)	102.0	94.0	90.0
Date Logged	10/02/1998	gamma speed (m/min)	3	2	2
Operator	GJ	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	100	--	--
Notes	good SP, bad R	electric speed (m/min)	8	--	--

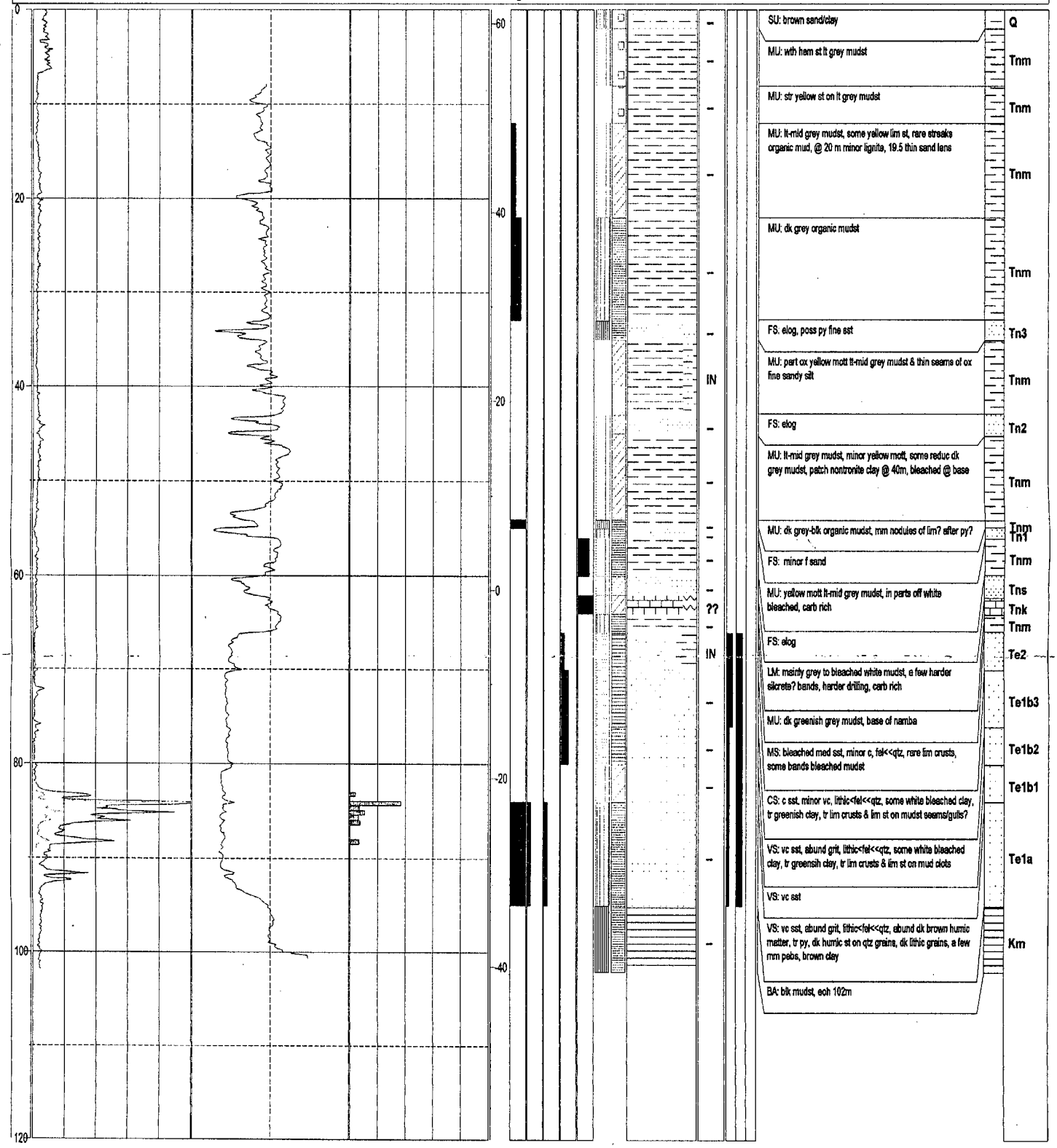
Co-ord local (m)	--		E	--	N
Co-ord AMG	479548		E	6548629	N
Collar Elev (m)	--			m) 61.50	ADH
Depth (m)	102	Azimuth	--	Dip	90 deg
Date commenced	10/02/1998			Date completed	10/02/1998
Geologist	JD-B			Logged date	10/02/1998
Drilling Co.	Thompson			Method	rotary mud
Casing from (m)	0.0			To	6.0
Water Table (m)	--			Date measured	--
Hole Diam. (cm)	12			Plugged (Y/N)	N
Date plotted	08/06/1998				

CUM006

Prospect: Oban

Project: 9261
Name: CUJV
Tenement: EL2275

Depth — Gamma 0-1000 cps (corr) — Gamma 0-5000 cps (corr) — R (100-0 nominal) — SP (0-100 nominal) — eU3O8 (calc) 0-2,500 ppm, 0.5 m intersections >= 100 ppm eve.



Description & Comments	Lithol.	Unit
SU: brown sand/clay		Q
MU: wh hem st lt grey mudst		Tnm
MU: str yellow st on lt grey mudst		Tnm
MU: lt-mid grey mudst, some yellow lim st, rare streaks organic mud, @ 20 m minor lignite, 19.5 thin sand lens		Tnm
MU: dk grey organic mudst		Tnm
FS: elog, poss py fine sst		Tn3
MU: part ox yellow mott lt-mid grey mudst & thin seams of ox fine sandy silt		Tnm
FS: elog		Tn2
MU: lt-mid grey mudst, minor yellow mott, some reduc dk grey mudst, patch nontronite clay @ 40m, bleached @ base		Tnm
MU: dk grey-blk organic mudst, mm nodules of lim? after py?		Tnm Tn1
FS: minor f sand		Tnm
MU: yellow mott lt-mid grey mudst, in parts off white bleached, carb rich		Tns Tnk
FS: elog		Tnm
LM: mainly grey to bleached white mudst, a few harder silcrete? bands, harder drilling, carb rich		Te2
MU: dk greenish grey mudst, base of namba		Te1b3
MS: bleached med sst, minor c, fel<<qtz, rare lim crusts, some bands bleached mudst		Te1b2
CS: c sst, minor vc, lithic<fel<<qtz, some white bleached clay, tr greenish clay, tr lim crusts & lim st on mudst seams/gulls?		Te1b1
VS: vc sst, abund grit, lithic<fel<<qtz, some white bleached clay, tr greensih clay, tr lim crusts & lim st on mud clots		Te1a
VS: vc sst		
VS: vc sst, abund grit, lithic<fel<<qtz, abund dk brown humic matter, tr py, dk humic st on qtz grains, dk lithic grains, a few mm pebs, brown clay		Km
BA: blk mudst, ech 102m		

PALADIN RESOURCES N'

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	82.0	82.0
Probe No.	gamma 689	gamma to (m)	102.0	100.0	92.0
Date Logged	10/02/1998	gamma speed (m/min)	3	2	2
Operator	GJ	electric from (m)	0.0	0.0	--
Open/Closed Hole	open	electric to (m)	102.0	102.0	--
Notes	bad SP, R	electric speed (m/min)	8	9	--

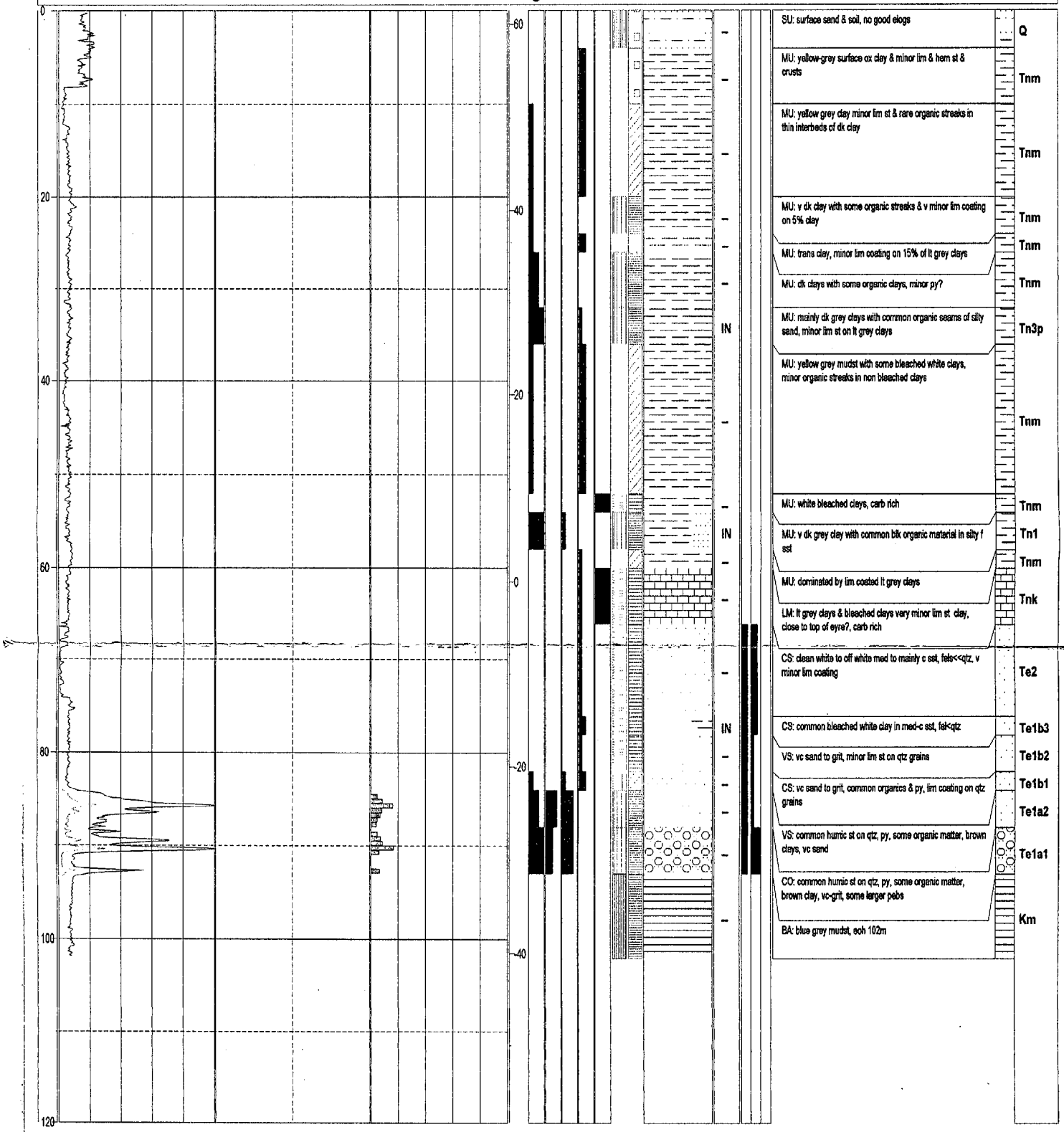
Co-ord local (m)	--	E	--	N	
Co-ord AMG	479577	E	6548624	N	
Collar Elev (m)	--		m) 61.50	ADH	
Depth (m)	102.0	Azimuth	--	Dip	90 deg
Date commenced	10/02/1998	Date completed	10/02/1998		
Geologist	WD	Logged date	10/02/1998		
Drilling Co.	Thompson	Method	rotary mud		
Casing from (m)	0.0	To	6.0		
Water Table (m)	--	Date measured	--		
Hole Diam. (cm)	12	Plugged (Y/N)	N		
Date plotted	08/06/1998				

CUM007

Prospect: Oban

Project: 9261
Name: CUJV
Tenement: EL2275

Depth
Gamma 0-1000 cps (corr)
Gamma 0-5000 cps (corr)
R (100-0 nominal)
SP (0-100 nominal)
eU3O8 (calc)
0-2,500 ppm
0.5 m intersections >= 100 ppm ave.
RL (m)
Organic
Humic
Pyrite
Limon.
Carb.
Colour
Redox
Cuttings
Relator
Sorting
Rndness
Bedding
Description & Comments
Lithol.
Unit



Description & Comments	Unit
SU: surface sand & soil, no good elogs	Q
MU: yellow-grey surface ox clay & minor lim & hem st & crusts	Tnm
MU: yellow grey clay minor lim st & rare organic streaks in thin interbeds of dk clay	Tnm
MU: v dk clay with some organic streaks & v minor lim coating on 5% clay	Tnm
MU: trans clay, minor lim coating on 15% of lt grey clays	Tnm
MU: dk clays with some organic clays, minor py?	Tnm
MU: mainly dk grey clays with common organic seams of silty sand, minor lim st on lt grey clays	Tn3p
MU: yellow grey mudst with some bleached white clays, minor organic streaks in non bleached clays	Tnm
MU: white bleached clays, carb rich	Tnm
MU: v dk grey clay with common blk organic material in silty f sst	Tn1
MU: dominated by lim coated lt grey clays	Tnm
LM: lt grey clays & bleached clays very minor lim st clay, close to top of eyre?, carb rich	Tnk
CS: clean white to off white med to mainly c sst, fels<<qtz, v minor lim coating	Te2
CS: common bleached white clay in med-c sst, fel<qtz	Te1b3
VS: vc sand to grit, minor lim st on qtz grains	Te1b2
CS: vc sand to grit, common organics & py, lim coating on qtz grains	Te1b1
VS: common humic st on qtz, py, some organic matter, brown clays, vc sand	Te1a2
CO: common humic st on qtz, py, some organic matter, brown clay, vc-grit, some larger pebs	Te1a1
BA: blue grey mudst, eoh 102m	Km

PALADIN RESOURCES N'

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	80.0	--
Probe No.	gamma 689	gamma to (m)	96.0	90.0	--
Date Logged	11/02/1998	gamma speed (m/min)	3	2	--
Operator	GJ	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	94.0	--	--
Notes	bad SP, R	electric speed (m/min)	8	--	--

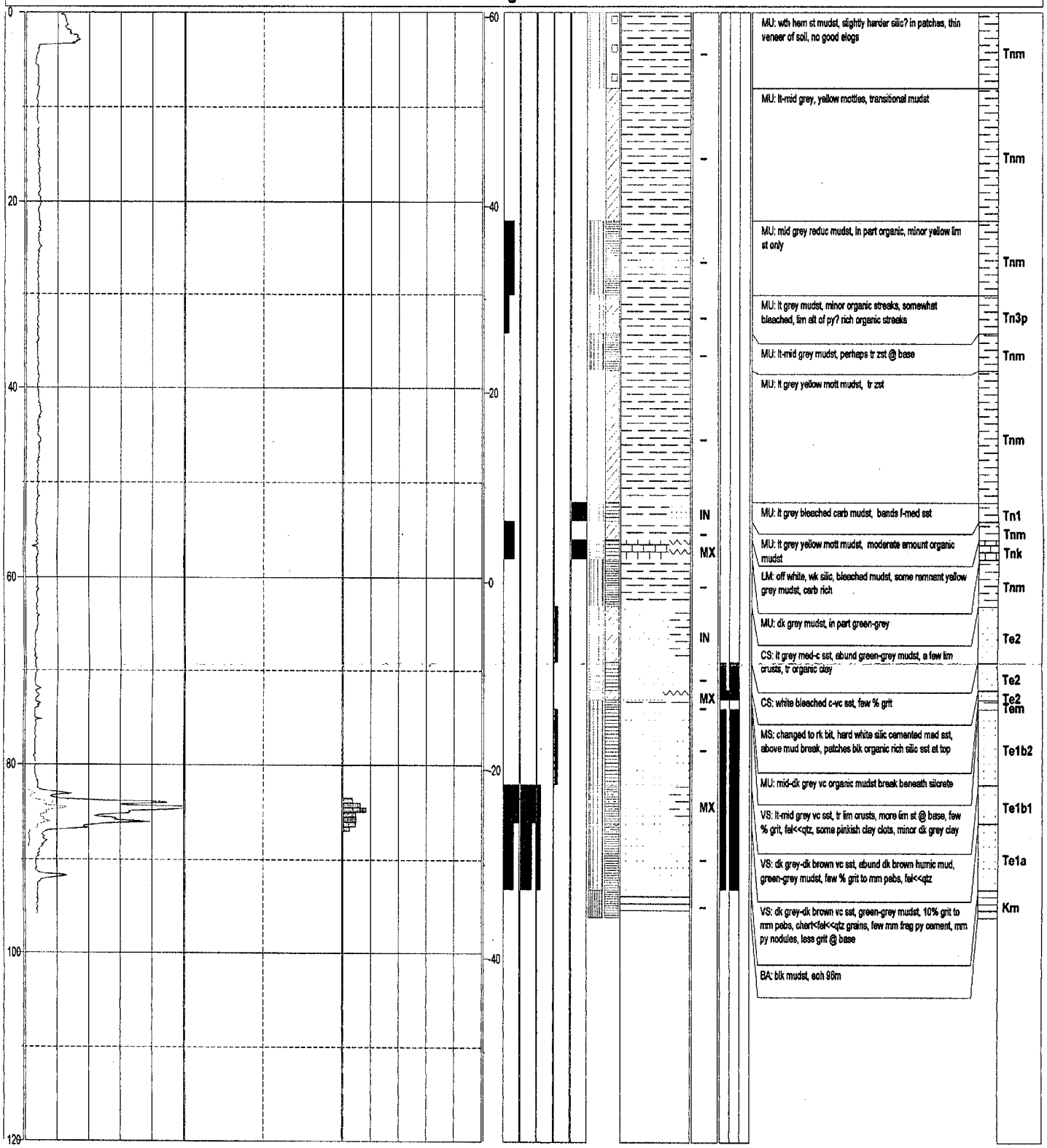
Co-ord local (m)	--	E	--	N	
Co-ord AMG	479629	E	6548803	N	
Collar Elev (m)	--		m)	60.50	ADH
Depth (m)	96.0	Azimuth	--	Dip	90 deg
Date commenced	11/02/1998	Date completed	11/02/1998		
Geologist	JD-B	Logged date	11/02/1998		
Drilling Co.	Thompson	Method	rotary mud		
Casing from (m)	0.0	To	6.0		
Water Table (m)	--	Date measured	--		
Hole Diam. (cm)	12	Plugged (Y/N)	N		
Date plotted	08/06/1998				

CUM008

Prospect: Oban

Project: 9261
Name: CUJV
Tenement: EL2275

Depth | Gamma 0-1000 cps (corr) / Gamma 0-5000 cps (corr) | R (100-0 nominal) / SP (0-100 nominal) | eU3O8 (calc) 0-2,500 ppm, 0.5 m intersections >= 100 ppm ave. | RL (m) | Organic | Humic | Pyrite | Limon. | Carb. | Colour | Redox | Cuttings | Relator | Sorting | Rndness | Bedding | Description & Comments | Lithol. | Unit



MU: wth hem st mudst, slightly harder silic? in patches, thin veneer of soil, no good elogs — Tnm

MU: lt-mid grey, yellow mottles, transitional mudst — Tnm

MU: mid grey reduc mudst, in part organic, minor yellow lim st only — Tnm

MU: lt grey mudst, minor organic streaks, somewhat bleached, lim silt of py? rich organic streaks — Tn3p

MU: lt-mid grey mudst, perhaps tr zst @ base — Tnm

MU: lt grey yellow mott mudst, tr zst — Tnm

MU: lt grey bleached carb mudst, bands f-med sst — Tn1

MU: lt grey yellow mott mudst, moderate amount organic mudst — Tnm

LM: off white, wk silic, bleached mudst, some remnant yellow grey mudst, carb rich — Tnk

MU: dk grey mudst, in part green-grey — Tnm

CS: lt grey med-c sst, abund green-grey mudst, a few lim crusts, tr organic clay — Te2

CS: white bleached c-vc sst, few % grit — Te2

MS: changed to rk bit, hard white silic cemented med sst, above mud break, patches blk organic rich silic sst at top — Te2 / Tem

MU: mid-dk grey vc organic mudst break beneath silcrete — Te1b2

VS: lt-mid grey vc sst, tr lim crusts, more lim st @ base, few % grit, fel<<qtz, some pinkish clay clots, minor dk grey clay — Te1b1

VS: dk grey-dk brown vc sst, abund dk brown humic mud, green-grey mudst, few % grit to mm pebs, fel<<qtz — Te1a

VS: dk grey-dk brown vc sst, green-grey mudst, 10% grit to mm pebs, chert>fel<<qtz grains, few mm frag py cement, mm py nodules, less grit @ base — Km

BA: blk mudst, ech 98m

PALADIN RESOURCES N'

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	84.0	--
Probe No.	gamma 689	gamma to (m)	102.0	96.0	--
Date Logged	11/02/1998	gamma speed (m/min)	3	2	--
Operator	GJ	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	100.0	--	--
Notes	bad SP, R	electric speed (m/min)	8	--	--

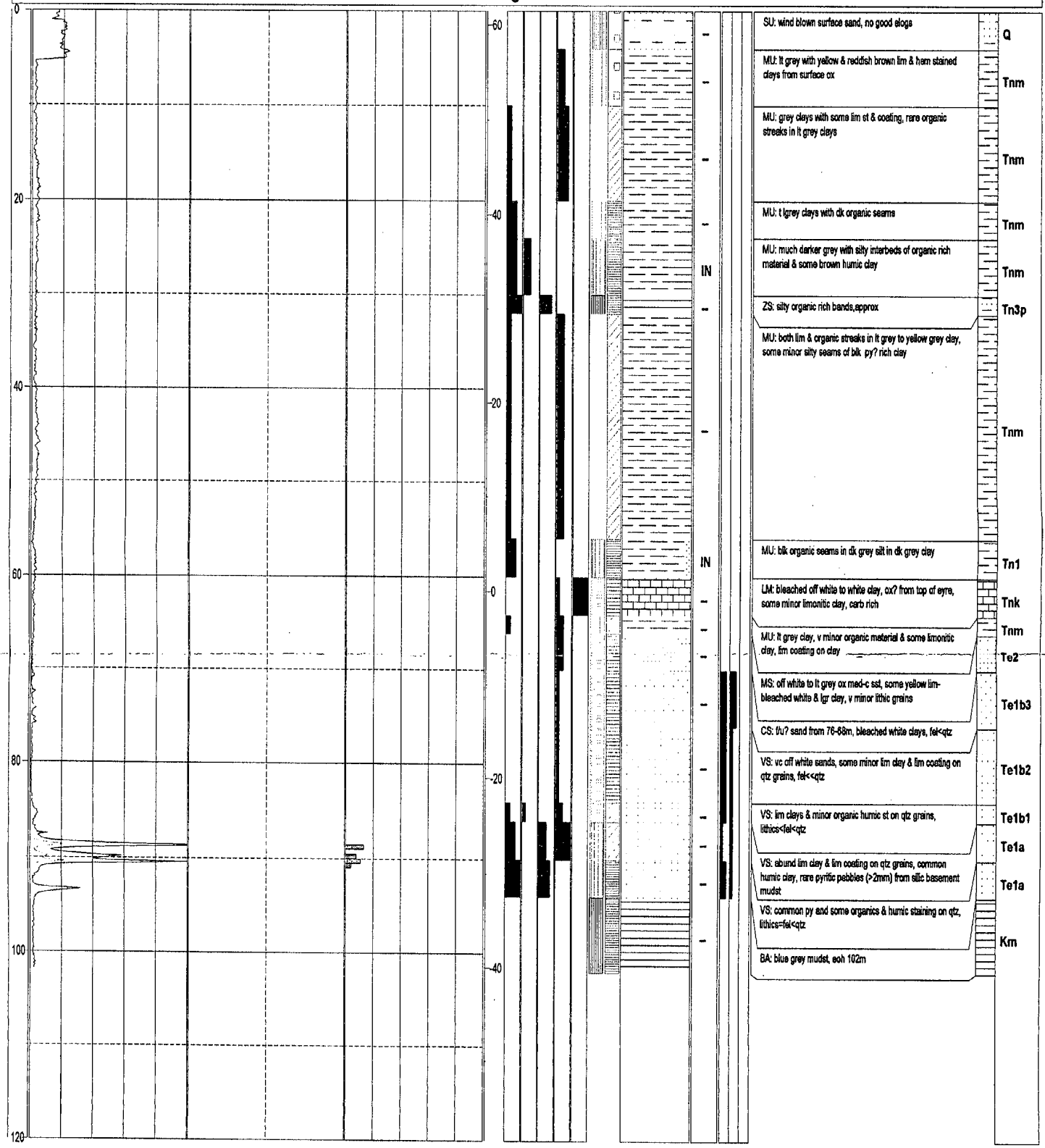
Co-ord local (m)	--	E	--	N	
Co-ord AMG	479593	E	6548626	N	
Collar Elev (m)	--		m) 61.50	ADH	
Depth (m) 102.0	Azimuth --		Dip 90 deg		
Date commenced	11/02/1998	Date completed	11/02/1998		
Geologist	WD	Logged date	11/02/1998		
Drilling Co.	Thompson	Method	rotary mud		
Casing from (m)	0.0	To	6.0		
Water Table (m)	--	Date measured	--		
Hole Diam. (cm)	12	Plugged (Y/N)	N		
Date plotted	08/06/1998				

CUM009

Prospect: Oban

Project: 9261
Name: CUJV
Tenement: EL2275

Depth — Gamma 0-1000 cps (corr) — Gamma 0-5000 cps (corr) — R (100-0 nominal) — SP (0-100 nominal) — eU3O8 (calc) 0-2,500 ppm, 0.5 m intersections >= 100 ppm eve. — RL (m) — Organic — Humic — Pyrite — Limon. — Carb. — Colour — Redox — Cuttings — Relator — Sorting — Rndness — Bedding — Description & Comments — Lithol. — Unit



Description & Comments	Unit
SU: wind blown surface sand, no good elogs	Q
MU: lt grey with yellow & reddish brown lim & hem stained clays from surface ox	Tnm
MU: grey clays with some lim st & coating, rare organic streaks in lt grey clays	Tnm
MU: t lgrey clays with dk organic seams	Tnm
MU: much darker grey with silty interbeds of organic rich material & some brown humic clay	Tnm
ZS: silty organic rich bands,approx	Tn3p
MU: both lim & organic streaks in lt grey to yellow grey clay, some minor silty seams of blk py? rich clay	Tnm
MU: blk organic seams in dk grey silt in dk grey clay	Tn1
LM: bleached off white to white clay, ox? from top of eyre, some minor limonitic clay, carb rich	Tnk
MU: lt grey clay, v minor organic material & some limonitic clay, lim coating on clay	Tnm
MS: off white to lt grey ox med-c sst, some yellow lim-bleached white & lgr clay, v minor lithic grains	Te2
CS: f/u? sand from 76-88m, bleached white clays, fel<qtz	Te1b3
VS: vc off white sands, some minor lim clay & lim coating on qtz grains, fel<<qtz	Te1b2
VS: lim clays & minor organic humic st on qtz grains, lithics<fel<qtz	Te1b1
VS: abund lim clay & lim coating on qtz grains, common humic clay, rare pyritic pebbles (>2mm) from silic basement mudst	Te1a
VS: common py and some organics & humic staining on qtz, lithics=fel<qtz	Te1a
BA: blue grey mudst, eoh 102m	Km

PALADIN RESOURCES N'

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	0.0	--
Probe No.	gamma 689	gamma to (m)	102.0	12.0	--
Date Logged	11/02/1998	gamma speed (m/min)	3	3	--
Operator	GJ	electric from (m)	50.0	0.0	--
Open/Closed Hole	open	electric to (m)	102.0	102.0	--
Notes	bad SP, R	electric speed (m/min)	8	8	--

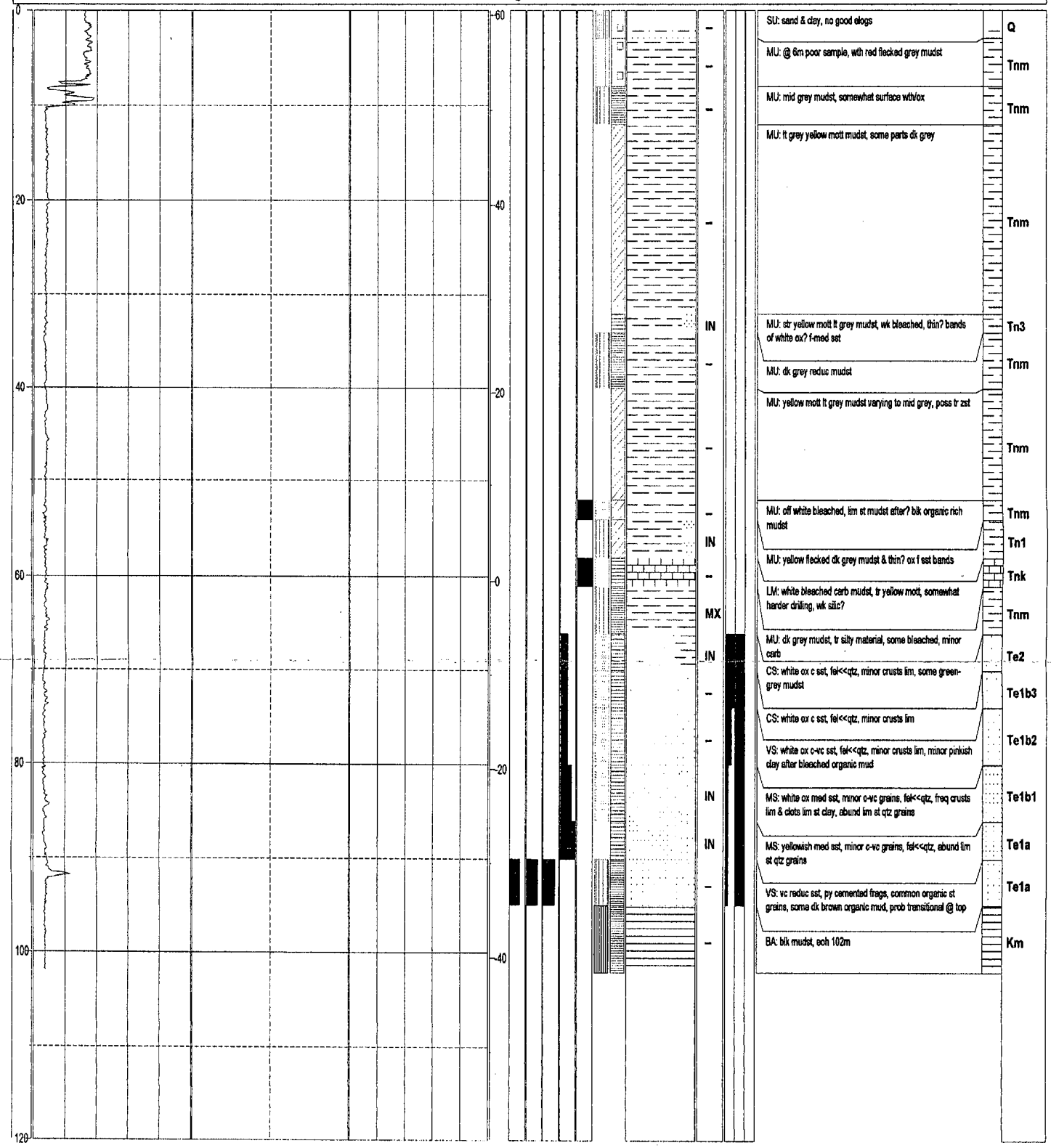
Co-ord local (m)	--	E	--	N	
Co-ord AMG	479653	E	6548795	N	
Collar Elev (m)	--		m) 60.50	ADH	
Depth (m)	102.0	Azimuth --	Dip	90 deg	
Date commenced	11/02/1998		Date completed	11/02/1998	
Geologist	JD-B		Logged date	11/02/1998	
Drilling Co.	Thompson		Method	rotary mud	
Casing from (m)	0.0		To	6.0	
Water Table (m)	--		Date measured	--	
Hole Diam. (cm)	12		Plugged (Y/N)	N	
Date plotted	08/06/1998				

CUM010

Prospect: Oban

Project: 9261
Name: CUJV
Tenement: EL2275

Depth | Gamma 0-1000 cps (corr) | Gamma 0-5000 cps (corr) | R (100-0 nominal) | SP (0-100 nominal) | eU3O8 (calc) 0-2,500 ppm (0.5 m intersections >= 100 ppm ave.) | RL (m) | Organic | Humic | Pyrite | Limon. | Carb. | Colour | Redox | Cuttings | Relator | Sorting | Rndness | Bedding | Description & Comments | Lithol. | Unit



PALADIN RESOURCES N'

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris 62 - No 266	gamma from (m)	0.0	86.0	0.0
Probe No.	gamma 689	gamma to (m)	102.0	94.0	6.0
Date Logged	12/02/1998	gamma speed (m/min)	3	2	3
Operator	GJ	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	102.0	--	--
Notes	bad SP, R	electric speed (m/min)	8	--	--

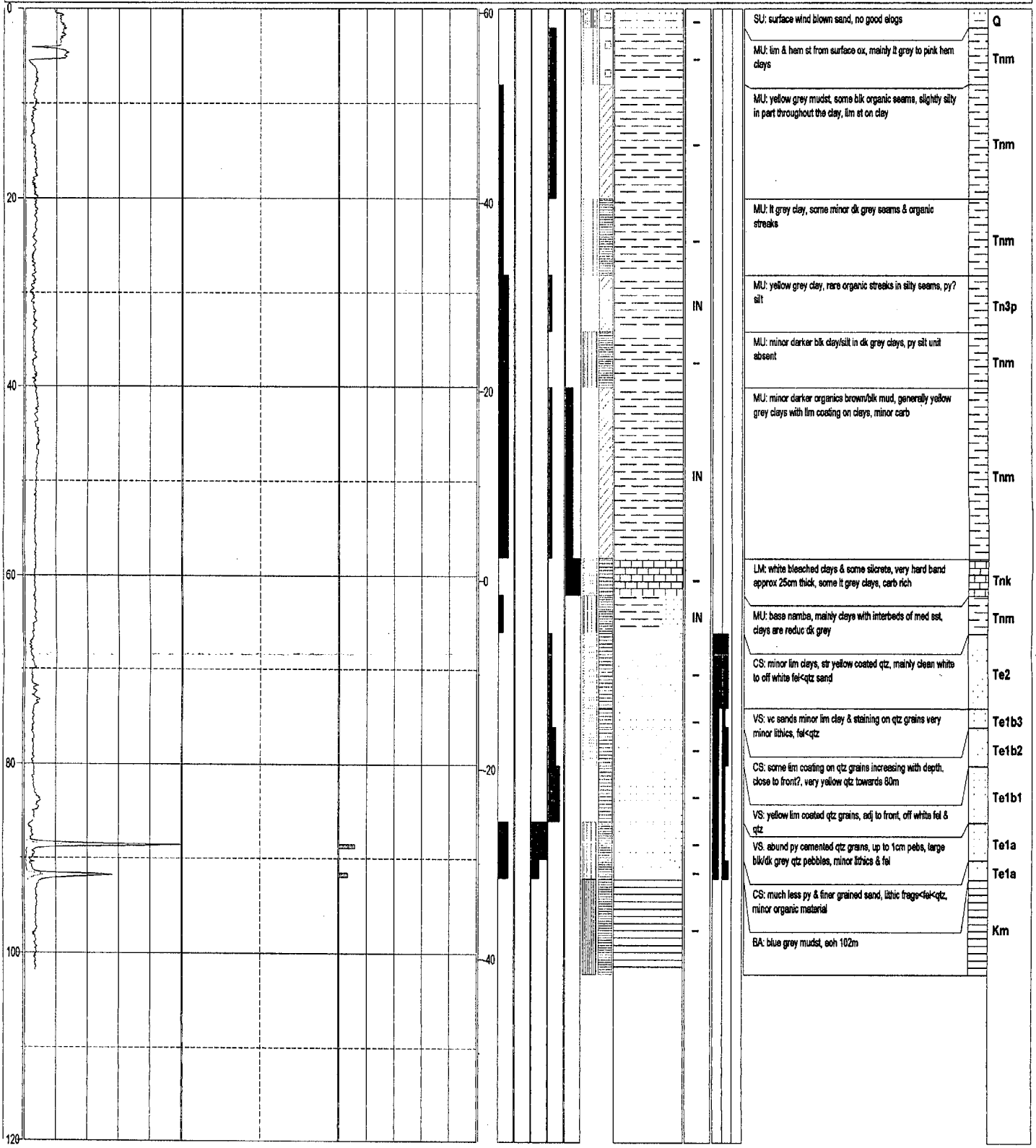
Co-ord local (m)	--		E	--	N
Co-ord AMG	479642		E	6548804	N
Collar Elev (m)	--			m) 60.50	ADH
Depth (m)	102.0	Azimuth --	Dip	90 deg	
Date commenced	12/02/1998		Date completed	12/02/1998	
Geologist	WD		Logged date	12/02/1998	
Drilling Co.	Thompson		Method	rotary mud	
Casing from (m)	0.0		To	6.0	
Water Table (m)	--		Date measured	--	
Hole Diam. (cm)	12		Plugged (Y/N)	N	
Date plotted	08/06/1998				

CUM011

Prospect: Oban

Project: 9261
Name: CUJV
Tenement: EL2275

Depth
Gamma 0-1000 cps (corr)
Gamma 0-5000 cps (corr)
R (100-0 nominal)
SP (0-100 nominal)
eU3O8 (calc)
0-2,500 ppm
0.5 m intersections >= 100 ppm ave.



Description & Comments	Lithol.	Unit
SU: surface wind blown sand, no good elogs		Q
MU: lim & hem st from surface ox, mainly lt grey to pink hem clays		Tnm
MU: yellow grey mudst, some blk organic seams, slightly silty in part throughout the clay, lim st on clay		Tnm
MU: lt grey clay, some minor dk grey seams & organic streaks		Tnm
MU: yellow grey clay, rare organic streaks in silty seams, py? silt		Tn3p
MU: minor darker blk clay/silt in dk grey clays, py silt unit absent		Tnm
MU: minor darker organics brown/blk mud, generally yellow grey clays with lim coating on clays, minor carb		Tnm
LM: white bleached clays & some silcrete, very hard band approx 25cm thick, some lt grey clays, carb rich		Tnk
MU: base namba, mainly clays with interbeds of med sst, clays are reduc dk grey		Tnm
CS: minor lim clays, str yellow coated qtz, mainly clean white to off white fel<qtz sand		Te2
VS: vc sands minor lim clay & staining on qtz grains very minor lithics, fel<qtz		Te1b3
CS: some lim coating on qtz grains increasing with depth, close to front?, very yellow qtz towards 80m		Te1b2
VS: yellow lim coated qtz grains, adj to front, off white fel & qtz		Te1b1
VS: abund py cemented qtz grains, up to 1cm pebs, large blk/dk grey qtz pebbles, minor lithics & fel		Te1a
CS: much less py & finer grained sand, lithic frags<fel<qtz, minor organic material		Te1a
BA: blue grey mudst, eoh 102m		Km

PALADIN RESOURCES N'

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	90.0	0.0
Probe No.	gamma 689	gamma to (m)	102.0	98.0	6.0
Date Logged	12/02/1998	gamma speed (m/min)	3	2	3
Operator	GJ	electric from (m)	0.0	0.0	--
Open/Closed Hole	open	electric to (m)	102.0	102.0	--
Notes	bad SP, R	electric speed (m/min)	8	8	--

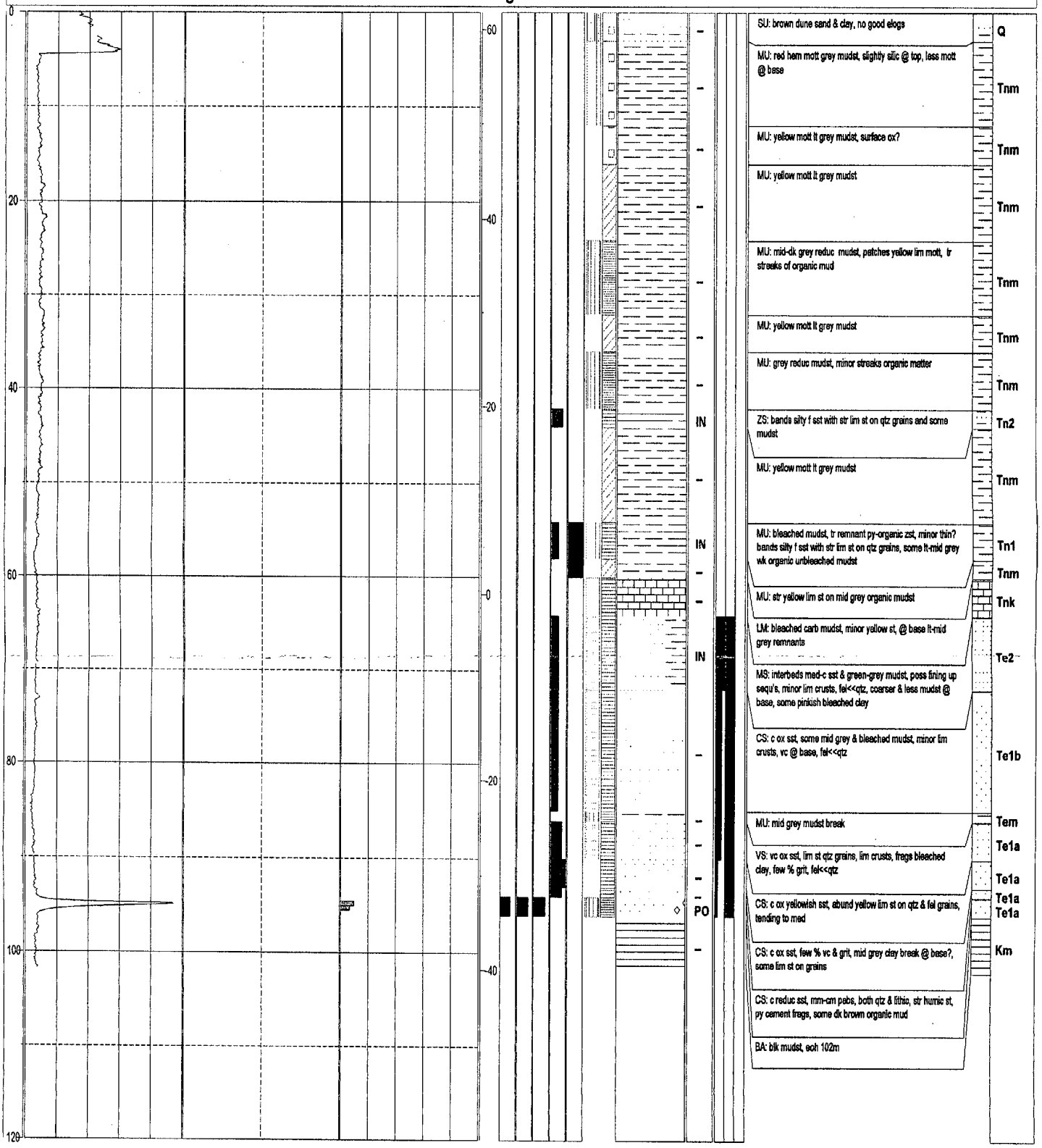
Co-ord local (m)	--		E	--	N
Co-ord AMG	479870		E	6548727	N
Collar Elev (m)	--			m) 61.80	ADH
Depth (m)	102.0	Azimuth	--	Dip	90 deg
Date commenced	12/02/1998			Date completed	12/02/1998
Geologist	JD-B			Logged date	12/02/1998
Drilling Co.	Thompson			Method	rotary mud
Casing from (m)	0.0			To	6.0
Water Table (m)	--			Date measured	--
Hole Diam. (cm)	12			Plugged (Y/N)	N
Date plotted	08/06/1998				

CUM012

Prospect: Oban

Project: 9261
Name: CUJV
Tenement: EL2275

Depth
Gamma 0-1000 cps (corr)
Gamma 0-5000 cps (corr)
R (100-0 nominal)
SP (0-100 nominal)
eU3O8 (calc)
0-2,500 ppm
0.5 m intersections >= 100 ppm ave.
RL (m)
Organic
Humic
Pyrite
Limon.
Carb.
Colour
Redox
Cuttings
Relator
Sorting
Rndness
Bedding
Description & Comments
Lithol.
Unit



Description & Comments	Lithol.	Unit
SU: brown dune sand & clay, no good elogs		Q
MU: red hem mott grey mudst, slightly silic @ top, less mott @ base		Tnm
MU: yellow mott lt grey mudst, surface ox?		Tnm
MU: yellow mott lt grey mudst		Tnm
MU: mid-dk grey reduc mudst, patches yellow lim mott, tr streaks of organic mud		Tnm
MU: yellow mott lt grey mudst		Tnm
MU: grey reduc mudst, minor streaks organic matter		Tnm
ZS: bands silty f sst with str lim st on qtz grains and some mudst		Tn2
MU: yellow mott lt grey mudst		Tnm
MU: bleached mudst, tr remnant py-organic zst, minor thin? bands silty f sst with str lim st on qtz grains, some lt-mid grey wk organic unbleached mudst		Tn1
MU: str yellow lim st on mid grey organic mudst		Tnm
LM: bleached carb mudst, minor yellow st, @ base lt-mid grey remnants		Tnk
MS: interbeds med-c sst & green-grey mudst, poss fining up sequ's, minor lim crusts, fel<<qtz, coarser & less mudst @ base, some pinkish bleached clay		Te2
CS: c ox sst, some mid grey & bleached mudst, minor lim crusts, vc @ base, fel<<qtz		Te1b
MU: mid grey mudst break		Tem
VS: vc ox sst, lim st qtz grains, lim crusts, frags bleached clay, few % grit, fel<<qtz		Te1a
CS: c ox yellowish sst, abund yellow lim st on qtz & fel grains, tending to med		Te1a Te1a Te1a
CS: c ox sst, few % vc & grit, mid grey clay break @ base?, some lim st on grains		Km
CS: c reduc sst, mm-cm pebs, both qtz & lithic, str humic st, py cement frags, some dk brown organic mud		
BA: blk mudst, ech 102m		

PALADIN RESOURCES N'

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	82.0	82.0
Probe No.	gamma 689	gamma to (m)	102.0	96.0	90.0
Date Logged	12/02/1998	gamma speed (m/min)	3	2	2
Operator	WD	electric from (m)	0.0	–	–
Open/Closed Hole	open	electric to (m)	102.0	–	–
Notes	bad SP, R	electric speed (m/min)	8	–	–

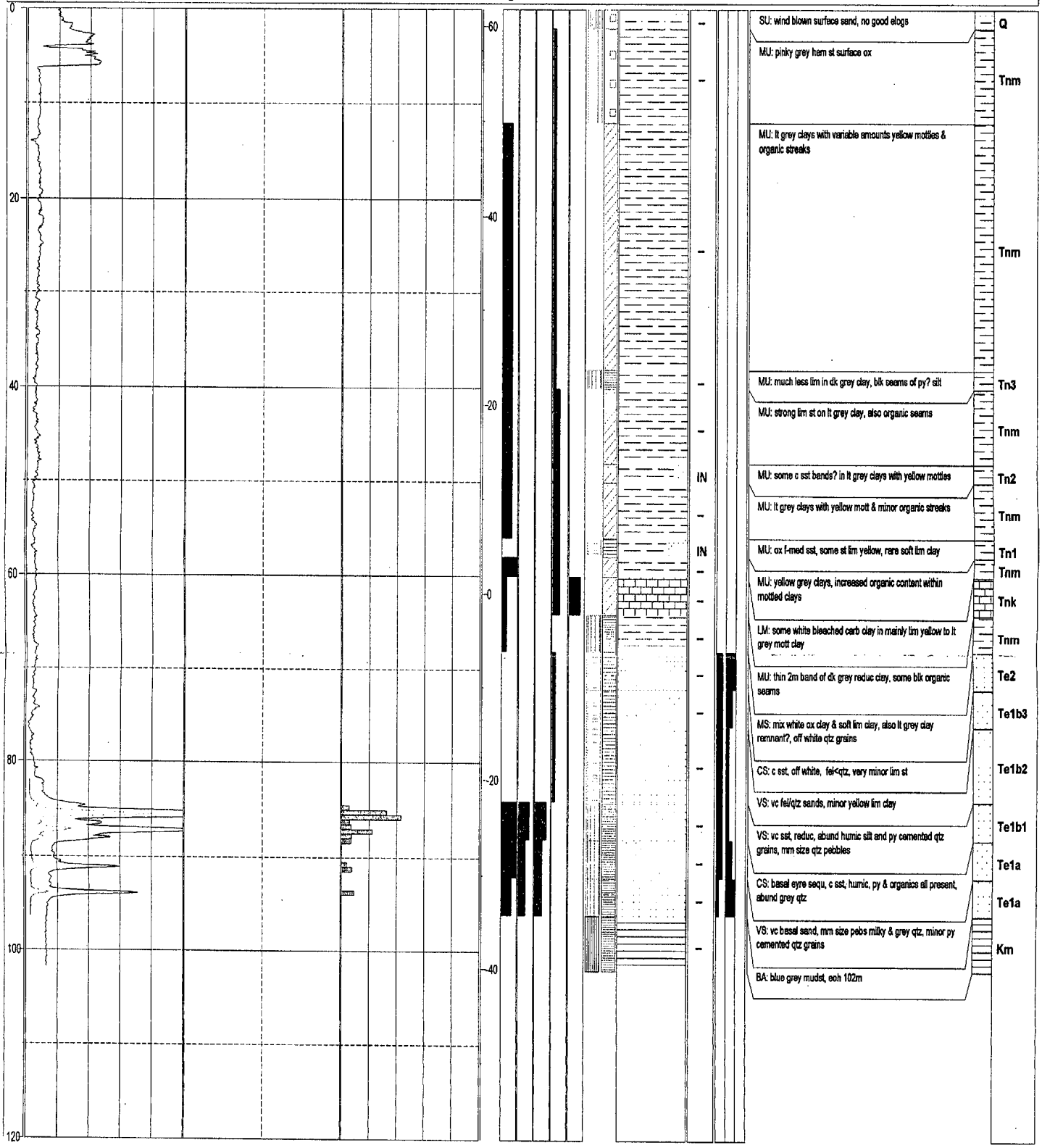
Co-ord local (m)	–		E	–	N
Co-ord AMG	479900		E	6548800	N
Collar Elev (m)	–			m) 61.80	ADH
Depth (m)	102.0	Azimuth –		90 deg	
Date commenced	12/02/1998		Date completed	12/02/1998	
Geologist	WD		Logged date	12/02/1998	
Drilling Co.	Thompson		Method	rotary mud	
Casing from (m)	0.0		To	6.0	
Water Table (m)	–		Date measured	–	
Hole Diam. (cm)	12		Plugged (Y/N)	N	
Date plotted	08/06/1998				

CUM013

Prospect: Oban

Project: 9261
Name: CUJV
Tenement: EL2275

Depth | Gamma 0-1000 cps (corr) | Gamma 0-5000 cps (corr) | R (100-0 nominal) | SP (0-100 nominal) | eU3O8 (calc) 0-2,500 ppm (0.5 m intersections >= 100 ppm ave.) | RL (m) | Organic | Humic | Pyrite | Limon. | Carb. | Colour | Redox | Cuttings | Relator | Sorting | Rndness | Bedding | Description & Comments | Lithol. | Unit



Description & Comments	Unit
SU: wind blown surface sand, no good elogs	Q
MU: pinky grey hem st surface ox	Tnm
MU: lt grey clays with variable amounts yellow mottles & organic streaks	Tnm
MU: much less lim in dk grey clay, blk seams of py? silt	Tn3
MU: strong lim st on lt grey clay, also organic seams	Tnm
MU: some c sst bands? in lt grey clays with yellow mottles	Tn2
MU: lt grey clays with yellow mott & minor organic streaks	Tnm
MU: ox f-med sst, some st lim yellow, rare soft lim clay	Tn1
MU: yellow grey clays, increased organic content within mottled clays	Tnm
LM: some white bleached carb clay in mainly lim yellow to lt grey mott clay	Tnk
MU: thin 2m band of dk grey reduc clay, some blk organic seams	Tnm
MS: mix white ox clay & soft lim clay, also lt grey clay remnant?, off white qtz grains	Te2
CS: c sst, off white, fel<qtz, very minor lim st	Te1b3
VS: vc fel/qtz sands, minor yellow lim clay	Te1b2
VS: vc sst, reduc, abund humic silt and py cemented qtz grains, mm size qtz pebbles	Te1b1
CS: basal eyre sequ, c sst, humic, py & organics all present, abund grey qtz	Te1a
VS: vc basal sand, mm size pebs milky & grey qtz, minor py cemented qtz grains	Te1a
BA: blue grey mudst, ech 102m	Km

PALADIN RESOURCES N'

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	92.0	0.0
Probe No.	gamma 689	gamma to (m)	102.0	102.0	102.0
Date Logged	12/02/1998	gamma speed (m/min)	3	2	4
Operator	GJ	electric from (m)	0.0	–	–
Open/Closed Hole	open	electric to (m)	100.0	–	–
Notes	OK SP, bad R	electric speed (m/min)	8	–	–

Co-ord local (m)	–		E	–	N
Co-ord AMG	479883		E	6548762	N
Collar Elev (m)	–		m)	61.80	ADH
Depth (m)	102.0	Azimuth –		90 deg	
Date commenced	12/02/1998		Date completed	12/02/1998	
Geologist	JD-B		Logged date	12/02/1998	
Drilling Co.	Thompson		Method	rotary mud	
Casing from (m)	0.0		To	6.0	
Water Table (m)	–		Date measured	–	
Hole Diam. (cm)	12		Plugged (Y/N)	N	
Date plotted	08/06/1998				

CUM014

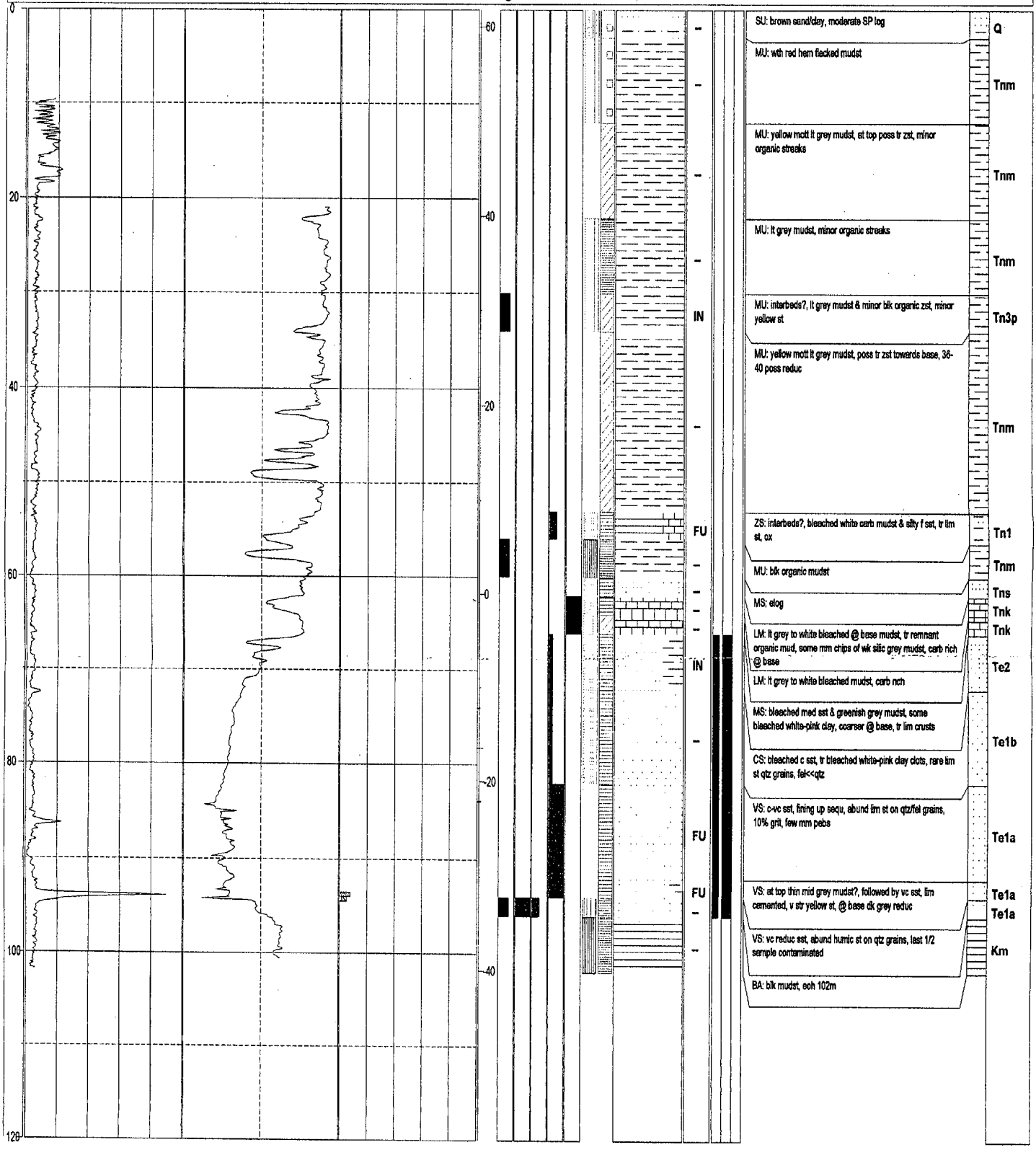
Prospect: Oban

Project: 9261

Name: CUJV

Tenement: EL2275

Depth | Gamma 0-1000 cps (corr) | Gamma 0-5000 cps (corr) | R (100-0 nominal) | SP (0-100 nominal) | eU3O8 (calc) 0-2,500 ppm (0.5 m intersections >= 100 ppm ave.) | RL (m) | Organic | Humic | Pyrite | Limon. | Carb. | Colour | Redox | Cuttings | Relator | Sorting | Rndness | Bedding | Description & Comments | Lithol. | Unit



PALADIN RESOURCES N'

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	84.0	0.0
Probe No.	gamma 689	gamma to (m)	102.0	96.0	8.0
Date Logged	13/02/1998	gamma speed (m/min)	3	2	3
Operator	GJ	electric from (m)	0.0	–	–
Open/Closed Hole	open	electric to (m)	102.0	–	–
Notes	ok SP, bad R	electric speed (m/min)	8	–	–

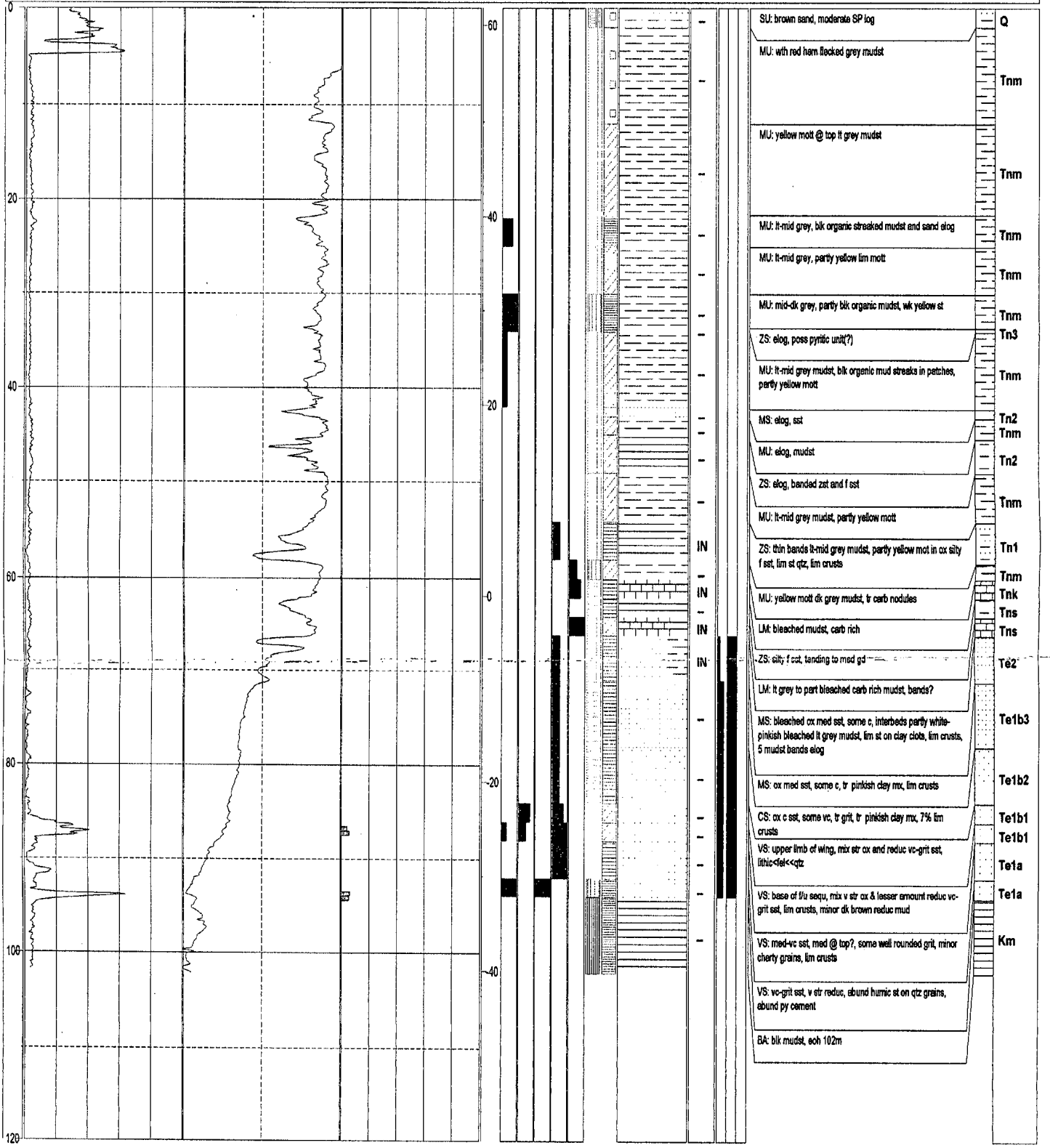
Co-ord local (m)	–		E	–	N
Co-ord AMG	479889		E	6548784	N
Collar Elev (m)	–		m)	61.80	ADH
Depth (m)	102.0	Azimuth	–	[illegible]	90 deg
Date commenced	13/02/1998		Date completed	13/02/1998	
Geologist	JD-B		Logged date	13/02/1998	
Drilling Co.	Thompson		Method	rotary mud	
Casing from (m)	0.0		To	6.0	
Water Table (m)	–		Date measured	–	
Hole Diam. (cm)	12		Plugged (Y/N)	N	
Date plotted	08/06/1998				

CUM015

Prospect: Oban

Project: 9261
Name: CUJV
Tenement: EL2275

Depth | Gamma 0-1000 cps (corr) | Gamma 0-5000 cps (corr) | R (100-0 nominal) | SP (0-100 nominal) | eU3O8 (calc) 0-2,500 ppm, 0.5 m intersections >= 100 ppm ave. | RL (m) | Organic | Humic | Pyrite | Limon. | Carb. | Colour | Redox | Cuttings | Relator | Sorting | Rndness | Bedding | Description & Comments | Lithol. | Unit



Description & Comments	Unit
SU: brown sand, moderate SP log	Q
MU: wth red hem flecked grey mudst	Tnm
MU: yellow mott @ top lt grey mudst	Tnm
MU: lt-mid grey, blk organic streaked mudst and sand elog	Tnm
MU: lt-mid grey, partly yellow lim mott	Tnm
MU: mid-dk grey, partly blk organic mudst, wk yellow st	Tnm
ZS: elog, poss pyritic unit(?)	Tn3
MU: lt-mid grey mudst, blk organic mud streaks in patches, partly yellow mott	Tnm
MS: elog, sst	Tn2
MU: elog, mudst	Tnm / Tn2
ZS: elog, banded zst and f sst	Tnm
MU: lt-mid grey mudst, partly yellow mott	Tn1
ZS: thin bands lt-mid grey mudst, partly yellow mot in ox silty f sst, lim st qtz, lim crusts	Tnm
MU: yellow mott dk grey mudst, tr carb nodules	Tnk
LM: bleached mudst, carb rich	Tns
ZS: silty f sst, tending to med gd	Tns / Te2
LM: lt grey to part bleached carb rich mudst, bands?	Te1b3
MS: bleached ox med sst, some c, interbeds partly white-pinkish bleached lt grey mudst, lim st on clay clots, lim crusts, 5 mudst bands elog	Te1b2
MS: ox med sst, some c, tr pinkish clay mx, lim crusts	Te1b1
CS: ox c sst, some vc, tr grit, tr pinkish clay mx, 7% lim crusts	Te1b1
VS: upper limb of wing, mix str ox and reduc vc-grit sst, lithic>fel<<qtz	Te1a
VS: base of f/u sequ, mix v str ox & lesser amount reduc vc-grit sst, lim crusts, minor dk brown reduc mud	Te1a
VS: med-vc sst, med @ top?, some well rounded grit, minor cherty grains, lim crusts	Km
VS: vc-grit sst, v str reduc, abund humic st on qtz grains, abund py cement	
BA: blk mudst, eoh 102m	

PALADIN RESOURCES N

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	84.0	0.0
Probe No.	gamma 689	gamma to (m)	102.0	96.0	6.0
Date Logged	13/02/1998	gamma speed (m/min)	3	2	3
Operator	WD	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	102.0	--	--
Notes	poor SP, bad R	electric speed (m/min)	8	--	--

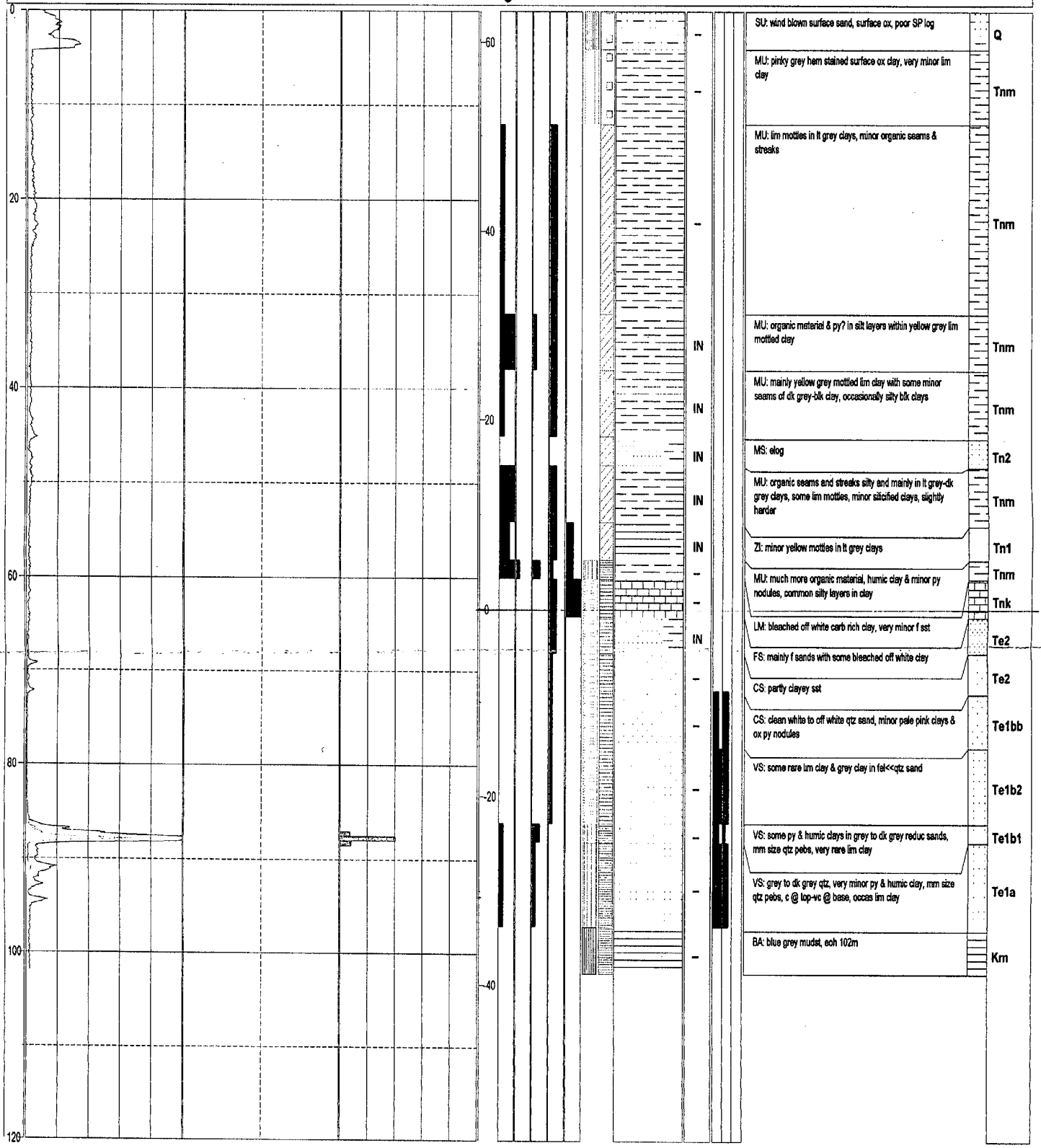
Co-ord local (m)	--	E	--	N	
Co-ord AMG	479985	E	6548776	N	
Collar Elev (m)	--	m)	63.25	ADH	
Depth (m)	102.0	Azimuth	--	Dip	90 deg
Date commenced	13/02/1998	Date completed	13/02/1998		
Geologist	WD	Logged date	13/02/1998		
Drilling Co.	Thompson	Method	rotary mud		
Casing from (m)	0.0	To	6.0		
Water Table (m)	--	Date measured	--		
Hole Diam. (cm)	12	Plugged (Y/N)	N		
Date plotted	08/06/1998				

CUM016

Prospect: Oban

Project: 9261
Name: CUJV
Tenement: EL2275

Depth
Gamma 0-1000 cps (corr)
Gamma 0-5000 cps (corr)
R (100-0 nominal)
SP (0-100 nominal)
eU3O8 (calc)
0-2,500 ppm
0.5 m intersections >= 100 ppm ave.
RL (m)
Organic
Humic
Pyrite
Limon.
Carb.
Colour
Redox
Cuttings
Relator
Sorting
Rndness
Bedding
Description & Comments
Lithol.
Unit



Description & Comments	Unit
SU: wind blown surface sand, surface ox, poor SP log	Q
MU: pinky grey hem stained surface ox clay, very minor lim clay	Tnm
MU: lim mottles in lt grey clays, minor organic seams & streaks	Tnm
MU: organic material & py? in silt layers within yellow grey lim mottled clay	Tnm
MU: mainly yellow grey mottled lim clay with some minor seams of dk grey-blk clay, occasionally silty blk clays	Tnm
MS: slog	Tn2
MU: organic seams and streaks silty and mainly in lt grey-dk grey clays, some lim mottles, minor silicified clays, slightly harder	Tnm
ZI: minor yellow mottles in lt grey clays	Tn1
MU: much more organic material, humic clay & minor py nodules, common silty layers in clay	Tnm
	Tnk
LM: bleached off white carb rich clay, very minor f sst	Te2
FS: mainly f sands with some bleached off white clay	Te2
CS: partly clayey sst	
CS: clean white to off white qtz sand, minor pale pink clays & ox py nodules	Te1bb
VS: some rare lim clay & grey clay in fel<<qtz sand	Te1b2
VS: some py & humic clays in grey to dk grey reduc sands, mm size qtz pebs, very rare lim clay	Te1b1
VS: grey to dk grey qtz, very minor py & humic clay, mm size qtz pebs, c @ top-vc @ base, occas lim clay	Te1a
BA: blue grey mudst, eoh 102m	Km

PALADIN RESOURCES N'

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	84.0	--
Probe No.	gamma 689	gamma to (m)	102.0	98.0	--
Date Logged	13/02/1998	gamma speed (m/min)	3	2	--
Operator	GJ	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	102.0	--	--
Notes	bad SP, R	electric speed (m/min)	8	--	--

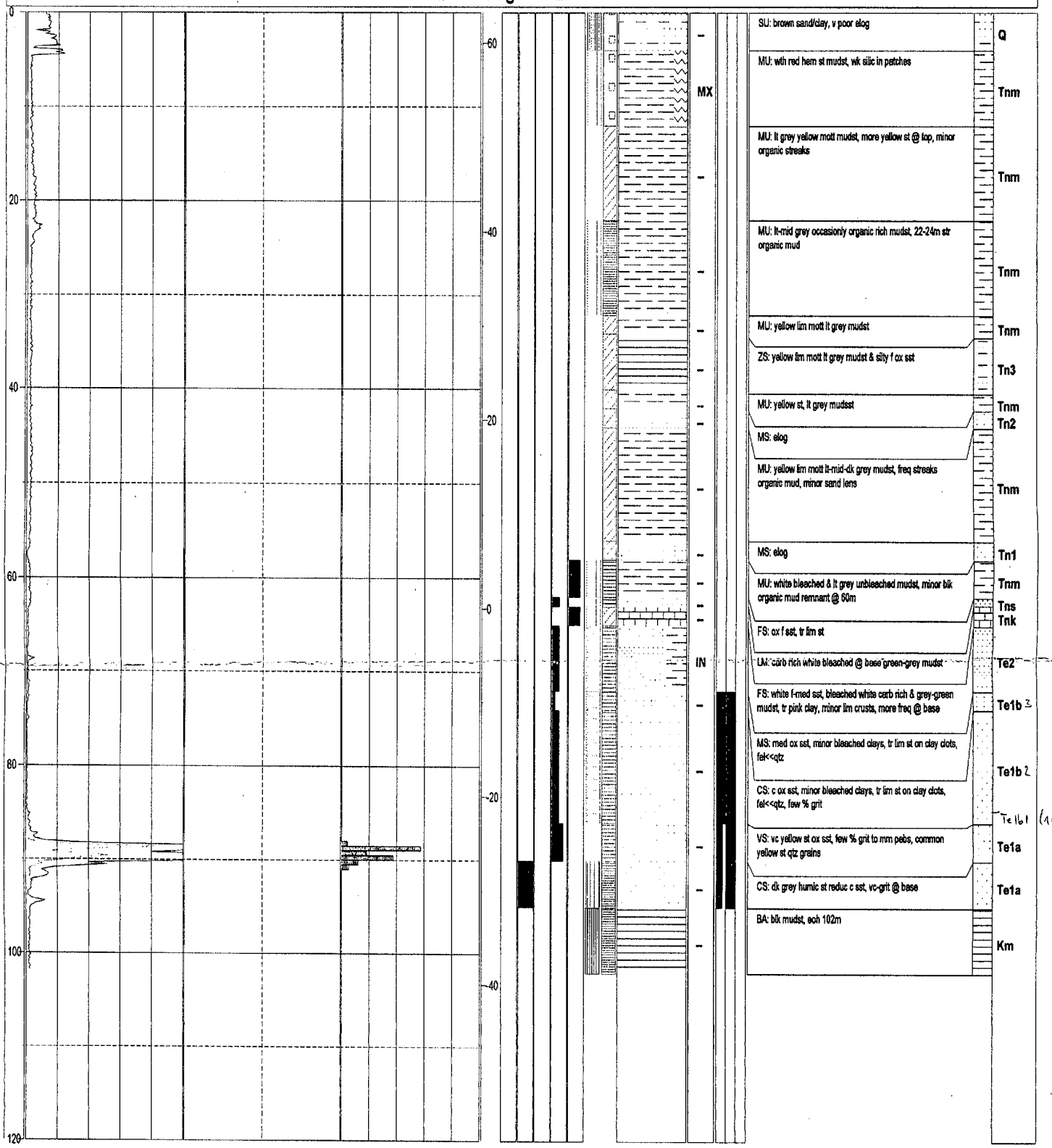
Co-ord local (m)	--		E	--	N
Co-ord AMG	480080		E	6548777	N
Collar Elev (m)	--			m) 63.25	ADH
Depth (m)	102.0	Azimuth --		90 deg	
Date commenced	13/02/1998		Date completed	13/02/1998	
Geologist	JD-B		Logged date	13/02/1998	
Drilling Co.	Thompson		Method	rotary mud	
Casing from (m)	--		To	--	
Water Table (m)	--		Date measured	--	
Hole Diam. (cm)	12		Plugged (Y/N)	N	
Date plotted	08/06/1998				

CUM017

Prospect: Oban

Project: 9261
Name: CUJV
Tenement: EL2275

Depth
Gamma 0-1000 cps (corr)
Gamma 0-5000 cps (corr)
R (100-0 nominal)
SP (0-100 nominal)
eU3O8 (calc)
0-2,500 ppm
0.5 m intersections >= 100 ppm ave.



PALADIN RESOURCES N'

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	86.0	0.0
Probe No.	gamma 689	gamma to (m)	102.0	94.0	2.0
Date Logged	13/02/1998	gamma speed (m/min)	3	2	3
Operator	WD	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	102.0	--	--
Notes	ok SP, bad R	electric speed (m/min)	8	--	--

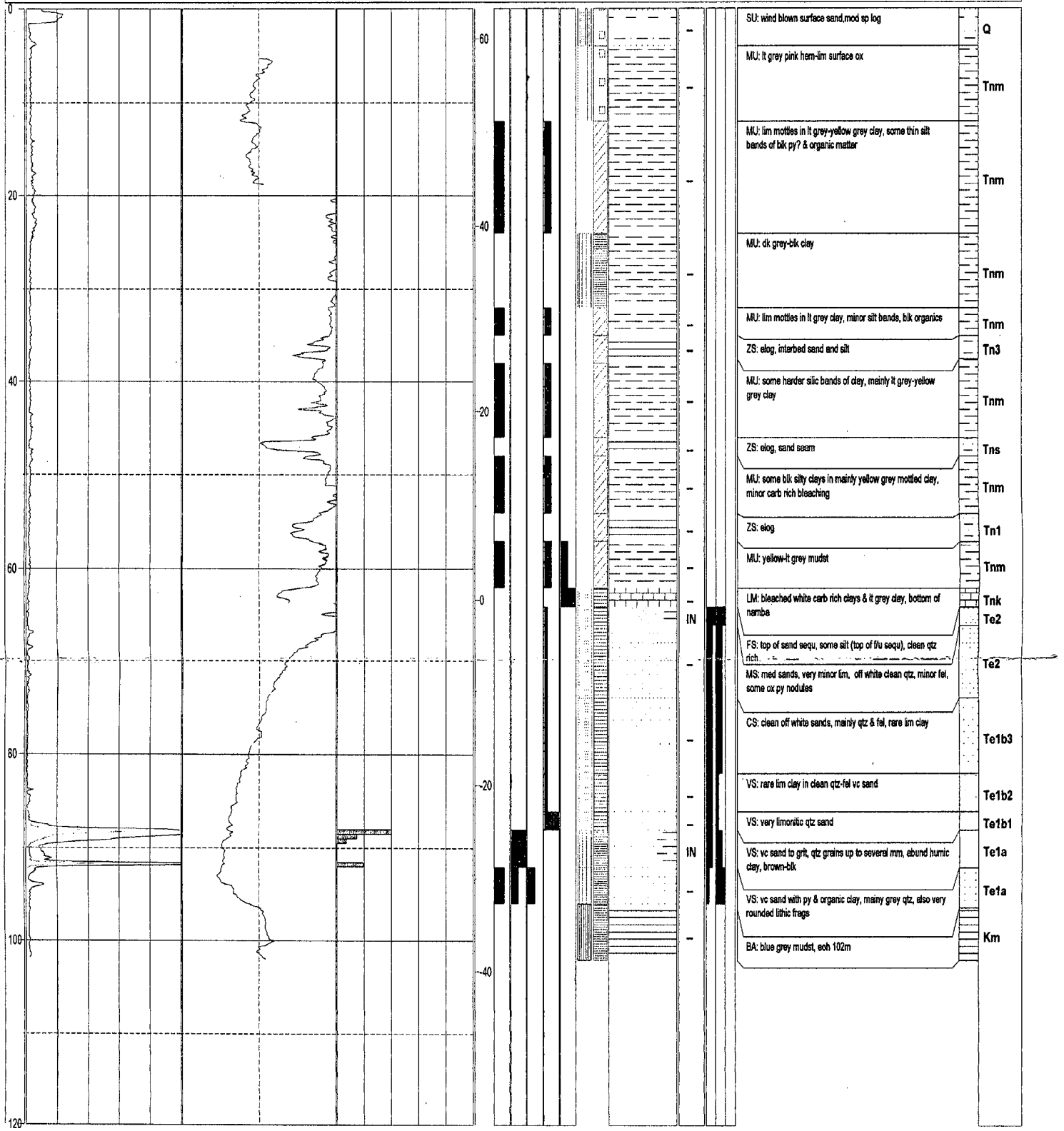
Co-ord local (m)	--	E	--	N	
Co-ord AMG	480055	E	6548804	N	
Collar Elev (m)	--	m)	63.25	ADH	
Depth (m)	102.0	Azimuth	--	Dip	90 deg
Date commenced	13/02/1998		Date completed	13/02/1998	
Geologist	WD		Logged date	13/02/1998	
Drilling Co.	Thompson		Method	rotary mud	
Casing from (m)	0.0		To	6.0	
Water Table (m)	--		Date measured	--	
Hole Diam. (cm)	12		Plugged (Y/N)	N	
Date plotted	10/06/1998				

CUM018

Prospect: Oban

Project: 9261
Name: CUJV
Tenement: EL2275

Depth
Gamma 0-1000 cps (corr)
Gamma 0-5000 cps (corr)
R (100-0 nominal)
SP (0-100 nominal)
eU3O8 (calc)
0-2,500 ppm
0.5 m intersections >= 100 ppm ave.
RL (m)
Organic
Humic
Pyrite
Limon.
Carb.
Colour
Redox
Cuttings
Relator
Sorting
Rndness
Bedding
Description & Comments
Lithol.
Unit



Description & Comments	Unit
SU: wind blown surface sand,mod sp log	Q
MU: lt grey pink hem-lim surface ox	Tnm
MU: lim mottles in lt grey-yellow grey clay, some thin silt bands of blk py? & organic matter	Tnm
MU: dk grey-blk clay	Tnm
MU: lim mottles in lt grey clay, minor silt bands, blk organics	Tnm
ZS: elog, interbed sand and silt	Tn3
MU: some harder silic bands of clay, mainly lt grey-yellow grey clay	Tnm
ZS: elog, sand seam	Tns
MU: some blk silty clays in mainly yellow grey mottled clay, minor carb rich bleaching	Tnm
ZS: elog	Tn1
MU: yellow-lt grey mudst	Tnm
LM: bleached white carb rich clays & lt grey clay, bottom of namba	Tnk
FS: top of sand sequ, some silt (top of f/u sequ), clean qtz rich	Te2
MS: med sands, very minor lim, off white clean qtz, minor fel, some ox py nodules	Te2
CS: clean off white sands, mainly qtz & fel, rare lim clay	Te1b3
VS: rare lim clay in clean qtz-fel vc sand	Te1b2
VS: very limonitic qtz sand	Te1b1
VS: vc sand to grit, qtz grains up to several mm, abund humic clay, brown-blk	Te1a
VS: vc sand with py & organic clay, mainy grey qtz, also very rounded lithic frags	Te1a
BA: blue grey mudst, eoh 102m	Km

PALADIN RESOURCES N'

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	82.0	0.0
Probe No.	gamma 689	gamma to (m)	102.0	96.0	8.0
Date Logged	14/02/1998	gamma speed (m/min)	3	2	3
Operator	GJ	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	102.0	--	--
Notes	ok SP, bad R	electric speed (m/min)	8	--	--

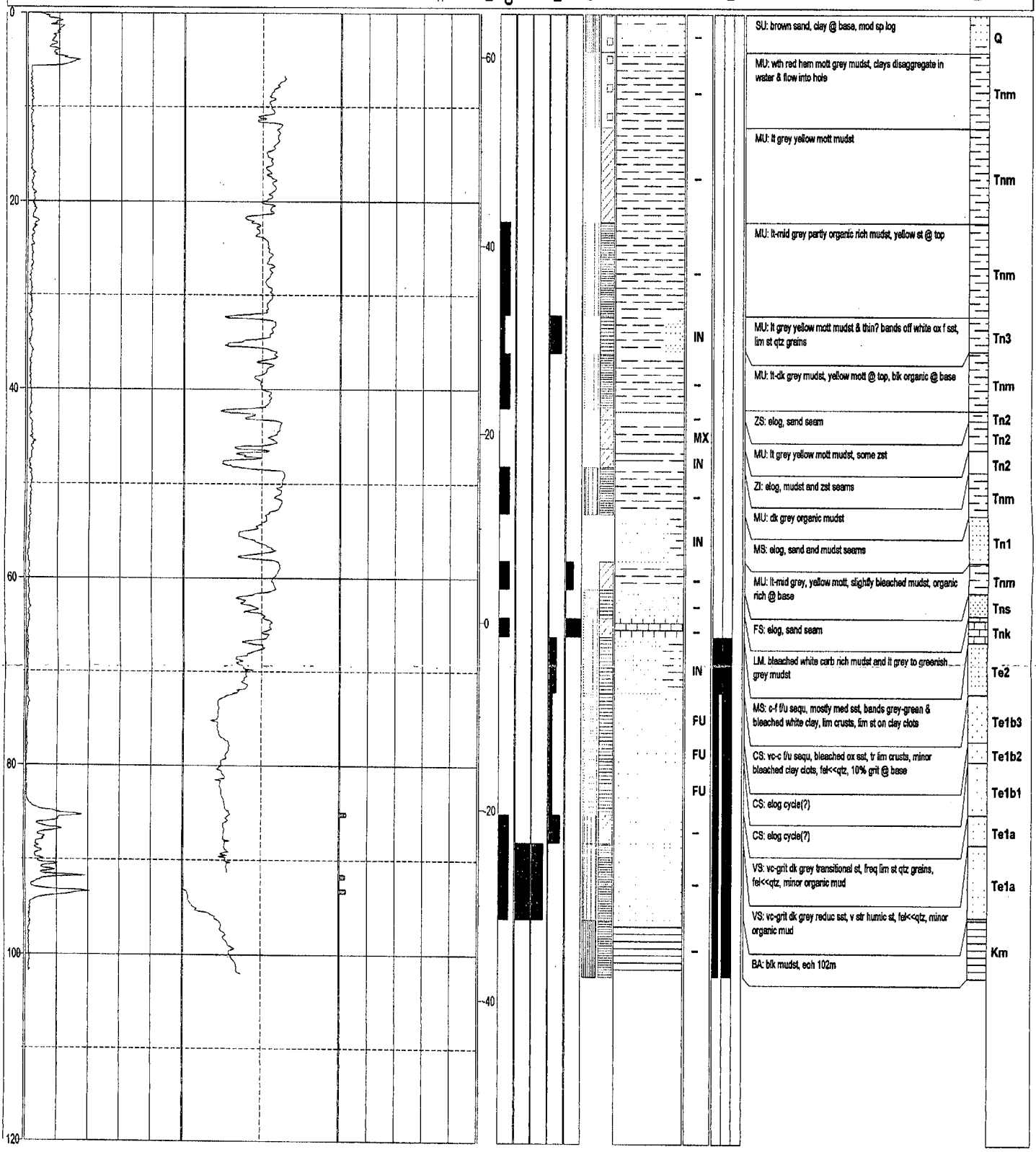
Co-ord local (m)	--		E	--	N
Co-ord AMG	479986		E	6548879	N
Collar Elev (m)	--		m)	64.60	ADH
Depth (m)	102.0	Azimuth	--	90 deg	
Date commenced	14/02/1998		Date completed	14/02/1998	
Geologist	JD-B		Logged date	14/02/1998	
Drilling Co.	Thompson		Method	rotary mud	
Casing from (m)	--		To	--	
Water Table (m)	--		Date measured	--	
Hole Diam. (cm)	12		Plugged (Y/N)	N	
Date plotted	08/06/1998				

CUM019

Prospect: Oban

Project: 9261
Name: CUJV
Tenement: EL2275

Depth
Gamma 0-1000 cps (corr)
Gamma 0-5000 cps (corr)
R (100-0 nominal)
SP (0-100 nominal)
eU3O8 (calc)
0-2,500 ppm
0.5 m intersections >= 100 ppm ave.



Description & Comments	Lithol.	Unit
SU: brown sand, clay @ base, mod sp log		Q
MU: wh red hem mott grey mudst, clays disaggregate in water & flow into hole		Tnm
MU: lt grey yellow mott mudst		Tnm
MU: lt-mid grey partly organic rich mudst, yellow st @ top		Tnm
MU: lt grey yellow mott mudst & thin? bands off white ox f sst, lim st qtz grains		Tn3
MU: lt-dk grey mudst, yellow mott @ top, blk organic @ base		Tnm
ZS: elog, sand seam		Tn2
MU: lt grey yellow mott mudst, some zst		Tn2
ZI: elog, mudst and zst seams		Tn2
MU: dk grey organic mudst		Tnm
MS: elog, sand and mudst seams		Tn1
MU: lt-mid grey, yellow mott, slightly bleached mudst, organic rich @ base		Tnm
FS: elog, sand seam		Tns
LM. bleached white carb rich mudst and lt grey to greenish grey mudst		Tnk
MS: c-f f/u sequ, mostly med sst, bands grey-green & bleached white clay, lim crusts, lim st on clay clots		Te2
CS: vc-c f/u sequ, bleached ox sst, tr lim crusts, minor bleached clay clots, fek<<qtz, 10% grit @ base		Te1b3
CS: elog cycle(?)		Te1b2
CS: elog cycle(?)		Te1b1
VS: vc-grit dk grey transitional st, freq lim st qtz grains, fek<<qtz, minor organic mud		Te1a
VS: vc-grit dk grey reduc sst, v str humic st, fek<<qtz, minor organic mud		Te1a
BA: blk mudst, ech 102m		Km

PALADIN RESOURCES N'

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	82.0	0.0
Probe No.	gamma 689	gamma to (m)	102.0	94.0	4.0
Date Logged	14/02/1998	gamma speed (m/min)	3	2	3
Operator	WD	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	102.0	--	--
Notes	good SP, bad R	electric speed (m/min)	8	--	--

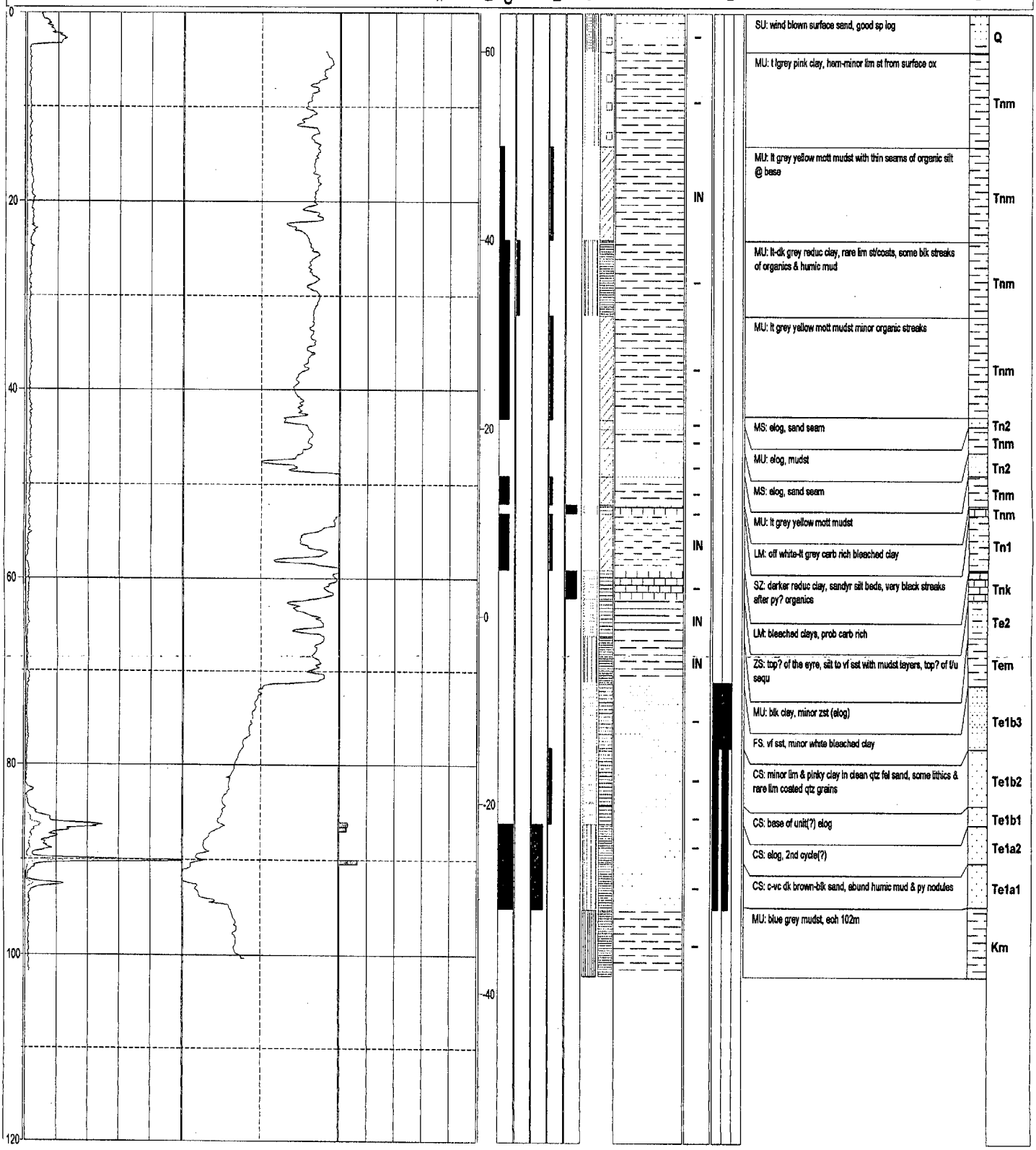
Co-ord local (m)	--	E	--	N
Co-ord AMG	480162	E	6549040	N
Collar Elev (m)	--		m) 64.00	ADH
Depth (m) 102.0	Azimuth --	Dip	90 deg	
Date commenced	14/02/1998	Date completed	14/02/1998	
Geologist	WD	Logged date	14/02/1998	
Drilling Co.	Thompson	Method	rotary mud	
Casing from (m)	--	To	--	
Water Table (m)	--	Date measured	--	
Hole Diam. (cm)	12	Plugged (Y/N)	N	
Date plotted	08/06/1998			

CUM020

Prospect: Oban

Project: 9261
Name: CUJV
Tenement: EL2275

Depth
Gamma 0-1000 cps (corr)
Gamma 0-5000 cps (corr)
R (100-0 nominal)
SP (0-100 nominal)
eU3O8 (calc)
0-2,500 ppm
0.5 m intersections >= 100 ppm ave.



PALADIN RESOURCES N'

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	62.0	0.0
Probe No.	gamma 689	gamma to (m)	102.0	94.0	12.0
Date Logged	14/02/1998	gamma speed (m/min)	3	2	3
Operator	GJ	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	102.0	--	--
Notes	good SP, bad R	electric speed (m/min)	8	--	--

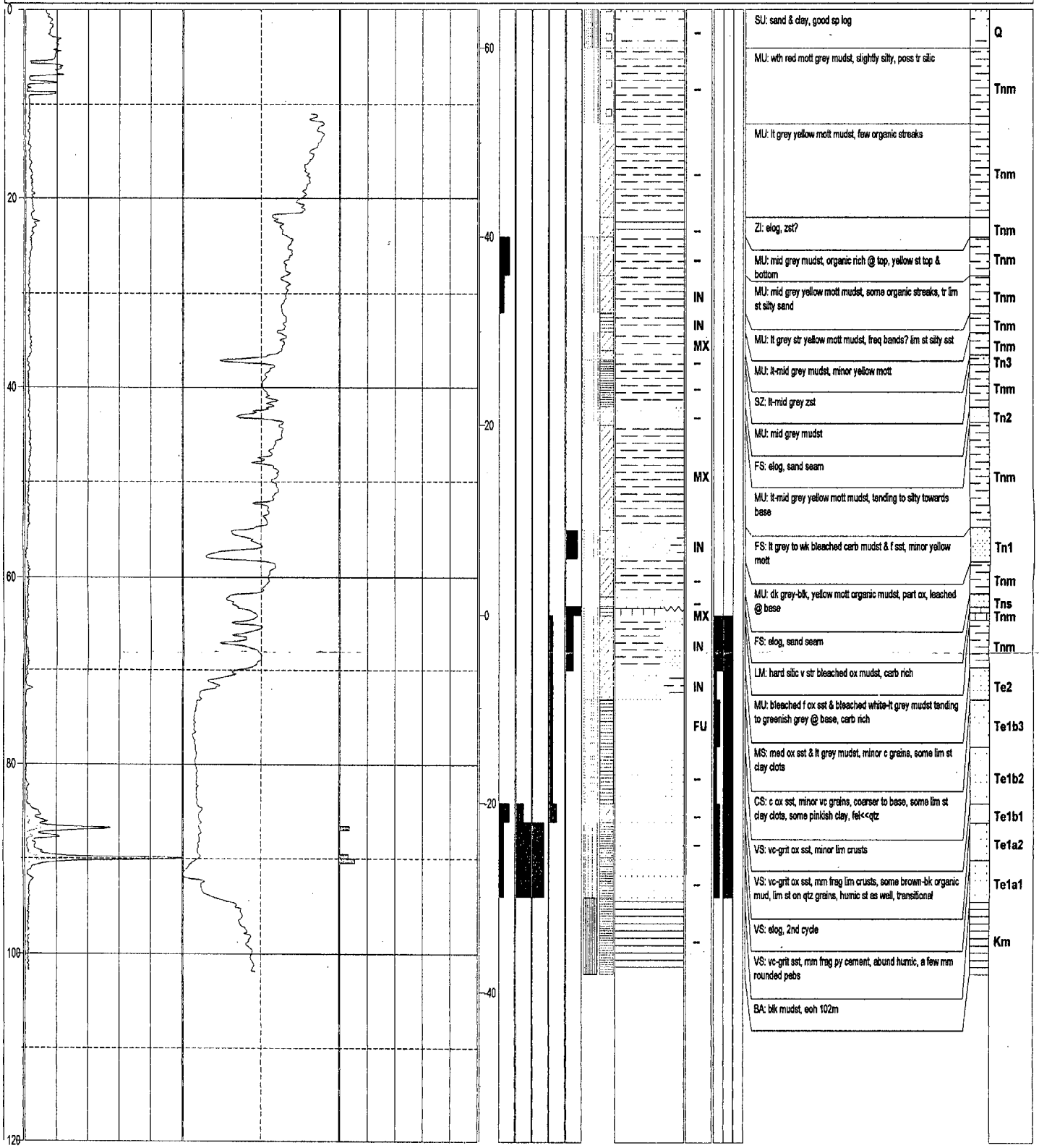
Co-ord local (m)	--		E	--	N
Co-ord AMG	480200		E	6549100	N
Collar Elev (m)	--			m) 64.00	ADH
Depth (m)	102.0	Azimuth --		90 deg	
Date commenced	14/02/1998		Date completed	14/02/1998	
Geologist	JD-B		Logged date	14/02/1998	
Drilling Co.	Thompson		Method	rotary mud	
Casing from (m)	--		To	--	
Water Table (m)	--		Date measured	--	
Hole Diam. (cm)	12		Plugged (Y/N)	N	
Date plotted	10/06/1998				

CUM021

Prospect: Oban

Project: 9261
Name: CUJV
Tenement: EL2275

Depth — Gamma 0-1000 cps (corr) — Gamma 0-5000 cps (corr) — R (100-0 nominal) — SP (0-100 nominal) — eU3O8 (calc) 0-2,500 ppm, 0.5 m intersections >= 100 ppm ave. — RL (m) — Organic — Humic — Pyrite — Limon. — Carb. — Colour — Redox — Cuttings — Relator — Sorting — Rndness — Bedding — Description & Comments — Lithol. — Unit



Description & Comments	Unit
SU: sand & clay, good sp log	Q
MU: wth red mott grey mudst, slightly silty, poss tr silic	Tnm
MU: lt grey yellow mott mudst, few organic streaks	Tnm
ZI: elog, zst?	Tnm
MU: mid grey mudst, organic rich @ top, yellow st top & bottom	Tnm
MU: mid grey yellow mott mudst, some organic streaks, tr lim st silty sand	Tnm
MU: lt grey str yellow mott mudst, freq bands? lim st silty sst	Tnm
MU: lt-mid grey mudst, minor yellow mott	Tn3
SZ: lt-mid grey zst	Tnm
MU: mid grey mudst	Tn2
FS: elog, sand seam	Tnm
MU: lt-mid grey yellow mott mudst, tending to silty towards base	Tn1
FS: lt grey to wk bleached carb mudst & f sst, minor yellow mott	Tnm
MU: dk grey-blk, yellow mott organic mudst, part ox, leached @ base	Tns
FS: elog, sand seam	Tnm
LM: hard silic v str bleached ox mudst, carb rich	Te2
MU: bleached f ox sst & bleached white-lt grey mudst tending to greenish grey @ base, carb rich	Te1b3
MS: med ox sst & lt grey mudst, minor c grains, some lim st clay clots	Te1b2
CS: c ox sst, minor vc grains, coarser to base, some lim st clay clots, some pinkish clay, fel<<qtz	Te1b1
VS: vc-grit ox sst, minor lim crusts	Te1a2
VS: vc-grit ox sst, mm frag lim crusts, some brown-blk organic mud, lim st on qtz grains, humic st as well, transitional	Te1a1
VS: elog, 2nd cycle	Km
VS: vc-grit sst, mm frag py cement, abund humic, a few mm rounded pebs	
BA: blk mudst, ech 102m	

PALADIN RESOURCES N'

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 268	gamma from (m)	0.0	82.0	0.0
Probe No.	gamma 689	gamma to (m)	102.0	94.0	6.0
Date Logged	14/02/1998	gamma speed (m/min)	3	2	3
Operator	WD	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	102.0	--	--
Notes	ok SP, bad R	electric speed (m/min)	8	--	--

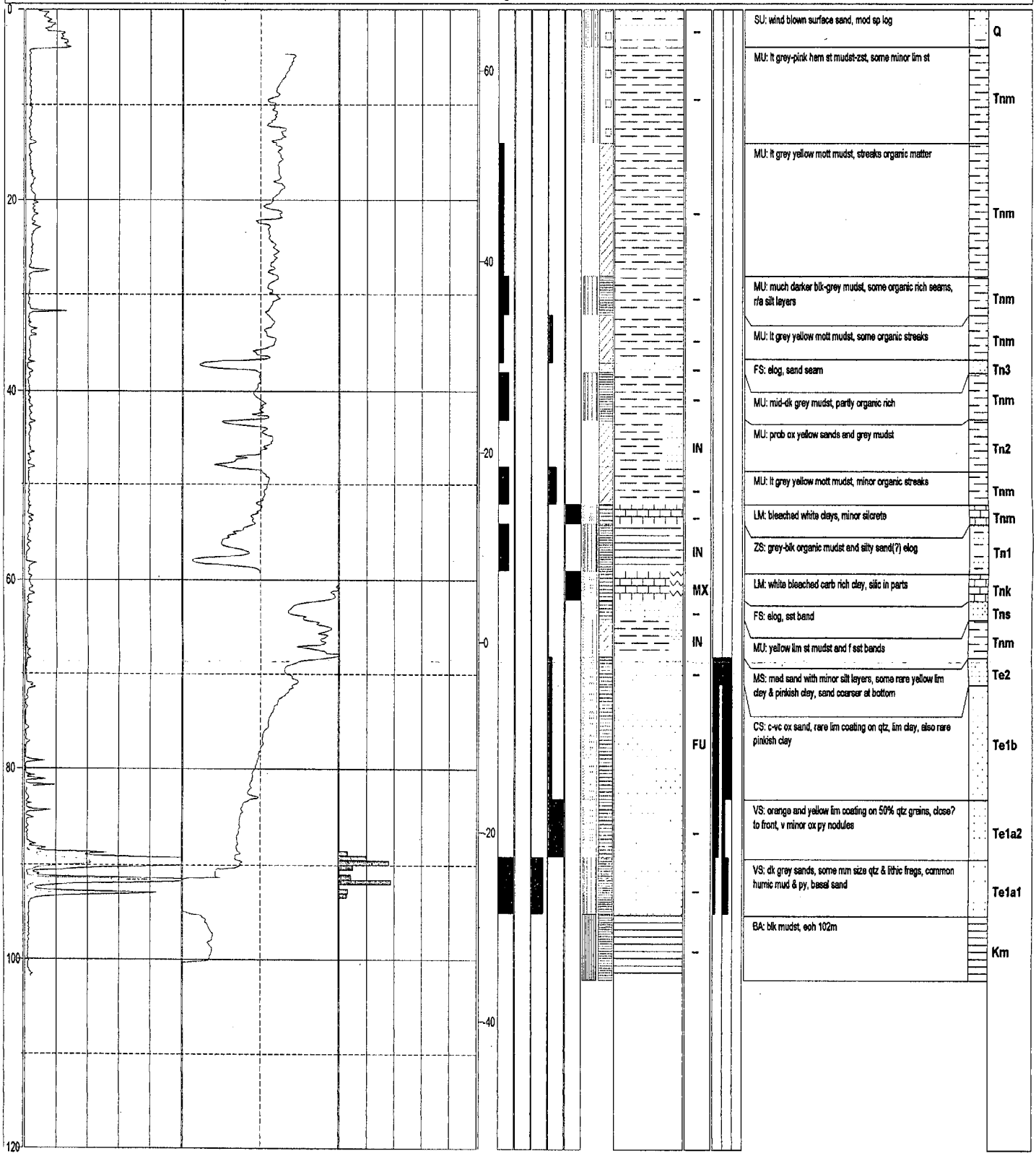
Co-ord local (m)	--		E	--	N
Co-ord AMG	480300		E	6549100	N
Collar Elev (m)	--		m)	66.50	ADH
Depth (m)	102.0	Azimuth --	Dip	90 deg	
Date commenced	14/02/1998		Date completed	14/02/1998	
Geologist	WD		Logged date	14/02/1998	
Drilling Co.	Thompson		Method	rotary mud	
Casing from (m)	--		To	--	
Water Table (m)	--		Date measured	--	
Hole Diam. (cm)	12		Plugged (Y/N)	N	
Date plotted	08/06/1998				

CUM022

Prospect: Oban

Project: 9261
Name: CUJV
Tenement: EL2275

Depth
Gamma 0-1000 cps (corr)
Gamma 0-5000 cps (corr)
R (100-0 nominal)
SP (0-100 nominal)
eU3O8 (calc) 0-2,500 ppm
0.5 m intersections >= 100 ppm ave.
RL (m)
Organic
Humic
Pyrite
Limon.
Carb.
Colour
Redox
Cuttings
Relator
Sorting
Rndness
Bedding
Description & Comments
Lithol.
Unit



Description & Comments	Unit
SU: wind blown surface sand, mod sp log	Q
MU: lt grey-pink hem st mudst-zst, some minor lim st	Tnm
MU: lt grey yellow mott mudst, streaks organic matter	Tnm
MU: much darker blk-grey mudst, some organic rich seams, r/a silt layers	Tnm
MU: lt grey yellow mott mudst, some organic streaks	Tnm
FS: elog, sand seam	Tn3
MU: mid-dk grey mudst, partly organic rich	Tnm
MU: prob ox yellow sands and grey mudst	Tn2
MU: lt grey yellow mott mudst, minor organic streaks	Tnm
LM: bleached white clays, minor silcrete	Tnm
ZS: grey-blk organic mudst and silty sand(?) elog	Tn1
LM: white bleached carb rich clay, silic in parts	Tnk
FS: elog, sst band	Tns
MU: yellow lim st mudst and f sst bands	Tnm
MS: med sand with minor silt layers, some rare yellow lim clay & pinkish clay, sand coarser at bottom	Te2
CS: c-vc ox sand, rare lim coating on qtz, lim clay, also rare pinkish clay	Te1b
VS: orange and yellow lim coating on 50% qtz grains, close? to front, v minor ox py nodules	Te1a2
VS: dk grey sands, some mm size qtz & lithic frags, common humic mud & py, basal sand	Te1a1
BA: blk mudst, eoh 102m	Km

PALADIN RESOURCES N'

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	76.0	0.0
Probe No.	gamma 689	gamma to (m)	102.0	86.0	6.0
Date Logged	15/02/1998	gamma speed (m/min)	3	2	3
Operator	GJ	electric from (m)	0.0	0.0	--
Open/Closed Hole	open	electric to (m)	102.0	102.0	--
Notes	good SP, bad R	electric speed (m/min)	8	--	--

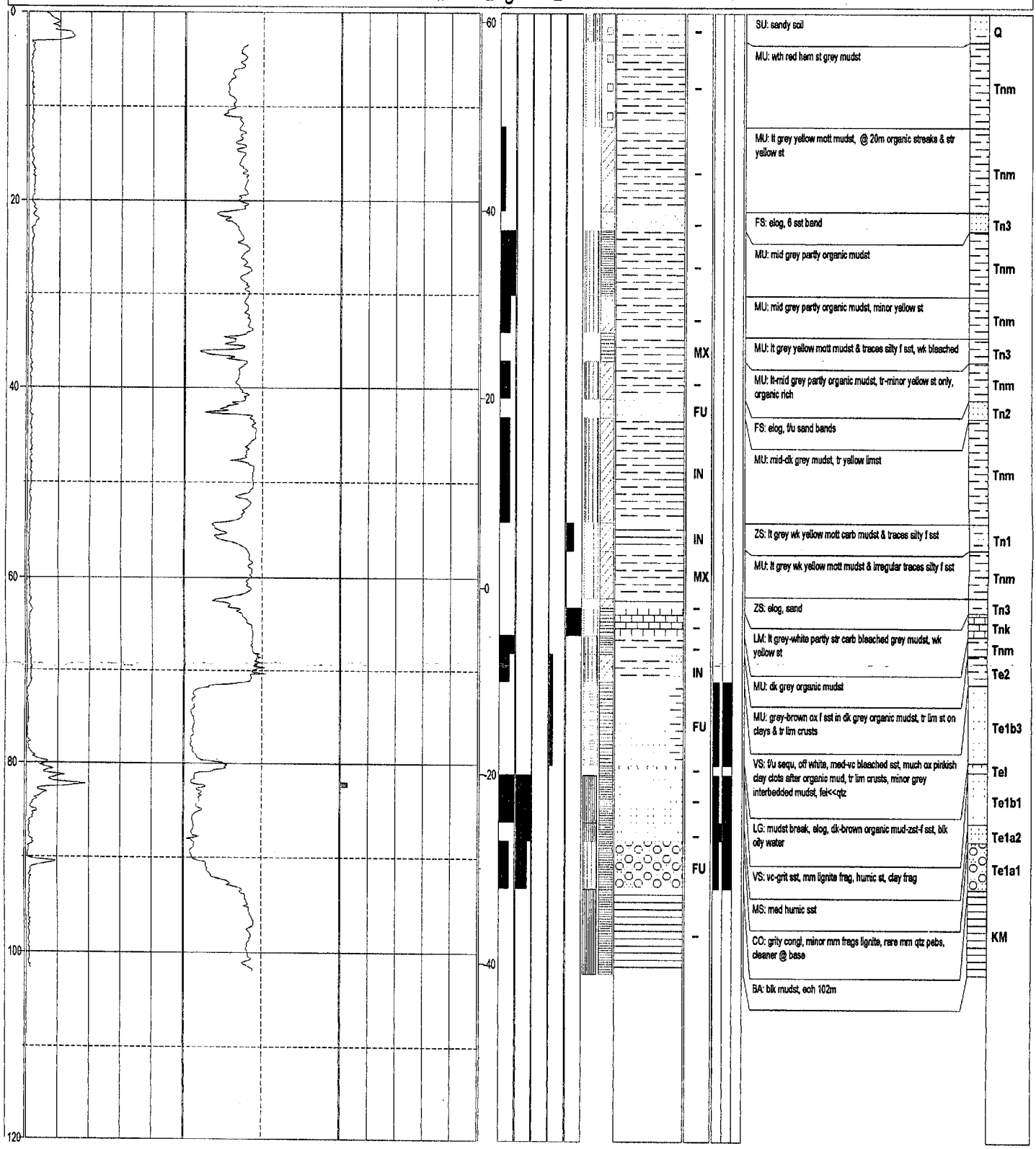
Co-ord local (m)	--	E	--	N	
Co-ord AMG	480201	E	6549338	N	
Collar Elev (m)	--	m)	61.00	ADH	
Depth (m) 102.0	Azimuth --	Dip	90 deg		
Date commenced	15/02/1998	Date completed	15/02/1998		
Geologist	JD-B	Logged date	15/02/1998		
Drilling Co.	Thompson	Method	rotary mud		
Casing from (m)	--	To	--		
Water Table (m)	--	Date measured	--		
Hole Diam. (cm)	12	Plugged (Y/N)	N		
Date plotted	08/06/1998				

CUM023

Prospect: Oban

Project: 9261
Name: CUJV
Tenement: EL2275

Depth | Gamma 0-1000 cps (corr) | Gamma 0-5000 cps (corr) | R (100-0 nominal) | SP (0-100 nominal) | eU3O8 (calc) 0-2,500 ppm 0.5 m intersections >= 100 ppm ave. | RL (m) | Organic | Humic | Pyrite | Limon. | Carb. | Colour | Redox | Cuttings | Relator | Sorting | Rndness | Bedding | Description & Comments | Lithol. | Unit



Description & Comments	Unit
SU: sandy soil	Q
MU: wth red hem st grey mudst	Tnm
MU: lt grey yellow mott mudst, @ 20m organic streaks & str yellow st	Tnm
FS: elog, 6 sst band	Tn3
MU: mid grey partly organic mudst	Tnm
MU: mid grey partly organic mudst, minor yellow st	Tnm
MU: lt grey yellow mott mudst & traces silty f sst, wk bleached	Tn3
MU: lt-mid grey partly organic mudst, tr-minor yellow st only, organic rich	Tnm
FS: elog, f/u sand bands	Tn2
MU: mid-dk grey mudst, tr yellow limst	Tnm
ZS: lt grey wk yellow mott carb mudst & traces silty f sst	Tn1
MU: lt grey wk yellow mott mudst & irregular traces silty f sst	Tnm
ZS: elog, sand	Tn3
	Tnk
LM: lt grey-white partly str carb bleached grey mudst, wk yellow st	Tnm
MU: dk grey organic mudst	Te2
MU: grey-brown ox f sst in dk grey organic mudst, tr lim st on clays & tr lim crusts	Te1b3
VS: f/u sequ, off white, med-vc bleached sst, much ox pinkish clay clots after organic mud, tr lim crusts, minor grey interbedded mudst, fek<<qtz	Tel
LG: mudst break, elog, dk-brown organic mud-zst-f sst, blk oily water	Te1b1
VS: vc-grit sst, mm lignite frag, humic st, clay frag	Te1a2
MS: med humic sst	Te1a1
CO: grity congl, minor mm frags lignite, rare mm qtz pebs, cleaner @ base	KM
BA: blk mudst, ech 102m	

PALADIN RESOURCES N'

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	78.0	0.0
Probe No.	gamma 689	gamma to (m)	96.0	86.0	6.0
Date Logged	15/02/1998	gamma speed (m/min)	3	2	3
Operator	GJ	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	96.0	--	--
Notes	good SP, bad R	electric speed (m/min)	8	--	--

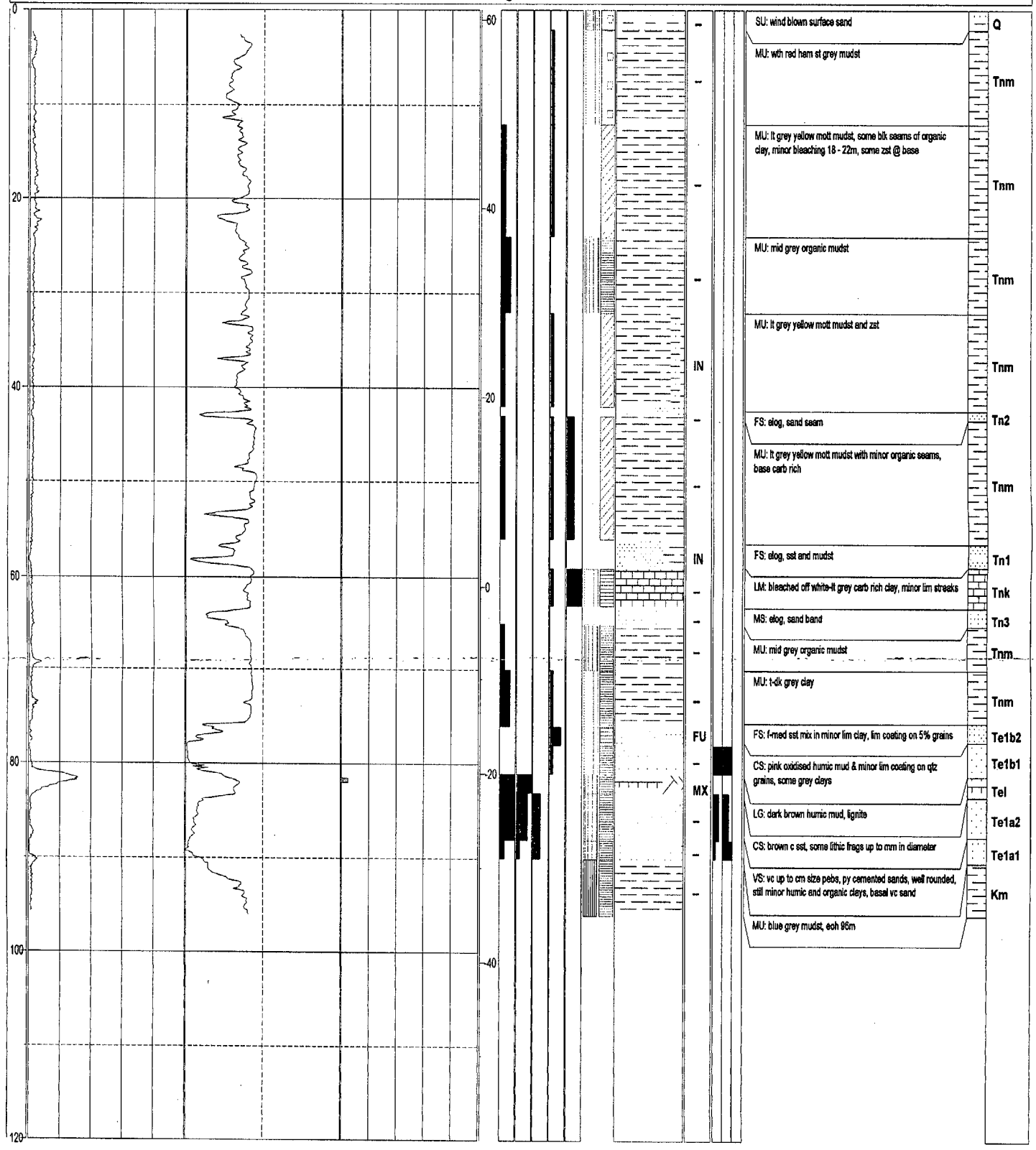
Co-ord local (m)	--	E	-- N
Co-ord AMG	480218	E	6549389 N
Collar Elev (m)	--	m)	61.00 ADH
Depth (m) 96.0	Azimuth --	Dip	90 deg
Date commenced	15/02/1998	Date completed	15/02/1998
Geologist	WD	Logged date	15/02/1998
Drilling Co.	Thompson	Method	rotary mud
Casing from (m)	--	To	--
Water Table (m)	--	Date measured	--
Hole Diam. (cm)	12	Plugged (Y/N)	N
Date plotted	10/06/1998		

CUM024

Prospect: Oban

Project: 9261
Name: CUJV
Tenement: EL2275

Depth
Gamma 0-1000 cps (corr)
Gamma 0-5000 cps (corr)
R (100-0 nominal)
SP (0-100 nominal)
eU3O8 (calc)
0-2,500 ppm
0.5 m intersections >= 100 ppm ave.



Description & Comments

Unit

PALADIN RESOURCES N'

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	--	--
Probe No.	gamma 689	gamma to (m)	102.00	--	--
Date Logged	15/02/1998	gamma speed (m/min)	3	--	--
Operator	GJ	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	102.0	--	--
Notes	ok SP, bad R	electric speed (m/min)	8	--	--

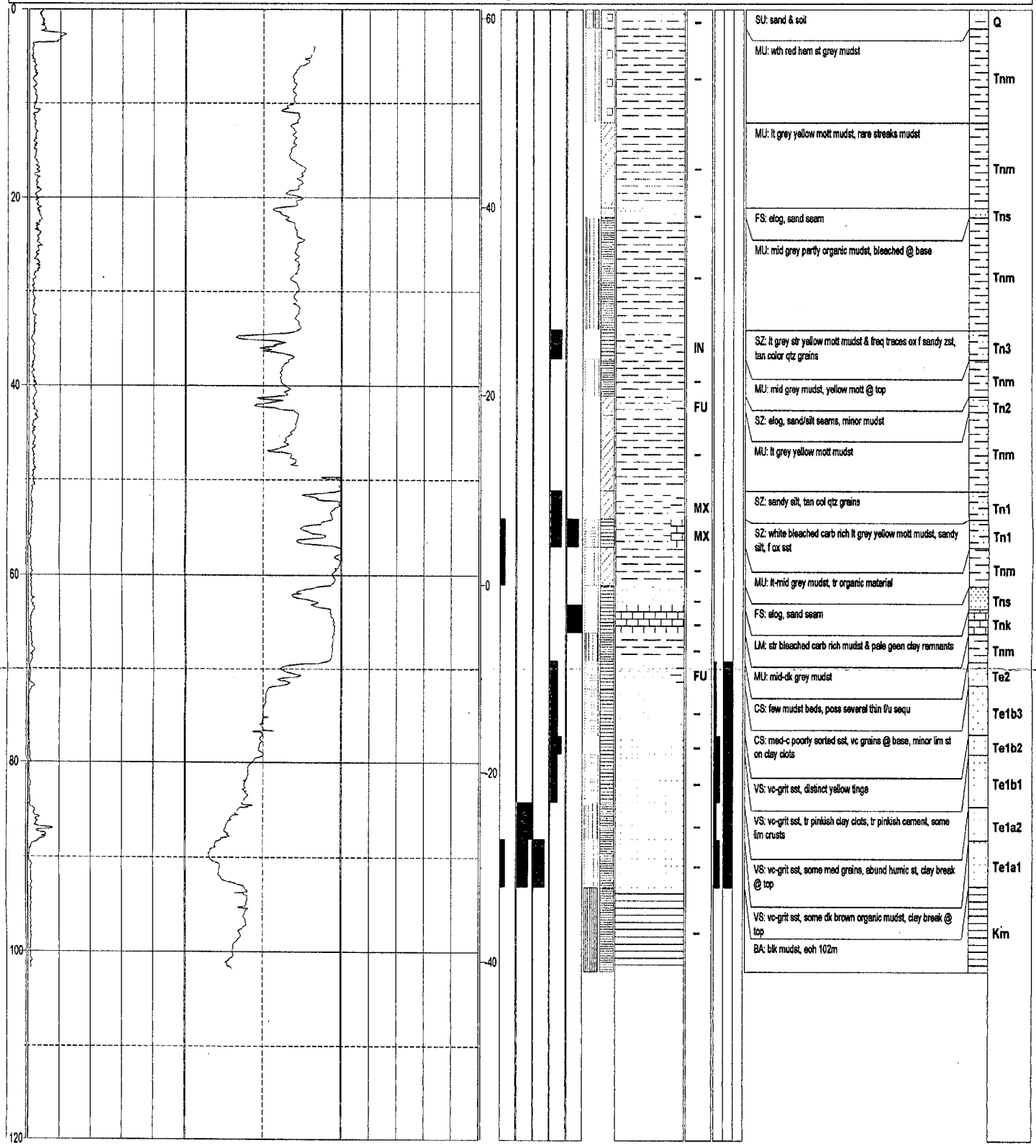
Co-ord local (m)	--	E	--	N	
Co-ord AMG	480170	E	6549239	N	
Collar Elev (m)	--		m)	61.00	ADH
Depth (m)	102.0	Azimuth	--	Dip	90 deg
Date commenced	15/02/1998		Date completed	15/02/1998	
Geologist	JD-B		Logged date	15/02/1998	
Drilling Co.	Thompson		Method	rotary mud	
Casing from (m)	--		To	--	
Water Table (m)	--		Date measured	--	
Hole Diam. (cm)	12		Plugged (Y/N)	N	
Date plotted	08/06/1998				

CUM025

Prospect: Oban

Project: 9261
Name: CUJV
Tenement: EL2275

Depth
Gamma 0-1000 cps (corr)
Gamma 0-5000 cps (corr)
R (100-0 nominal)
SP (0-100 nominal)
eU3O8 (calc) 0-2,500 ppm
0.5 m intersections >= 100 ppm ave.



PALADIN RESOURCES N'

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	20	0.0
Probe No.	gamma 689	gamma to (m)	96.0	28.0	4.0
Date Logged	15/02/1998	gamma speed (m/min)	3	2	2
Operator	GJ	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	96.0	--	--
Notes	poor SP, bad R	electric speed (m/min)	8	--	--

Co-ord local (m)	--	E	--	N	
Co-ord AMG	481000	E	6549200	N	
Collar Elev (m)	--		(m) 63.25	ADH	
Depth (m) 96.0	Azimuth --		90 deg		
Date commenced	15/02/1998	Date completed	15/02/1998		
Geologist	WD	Logged date	15/02/1998		
Drilling Co.	Thompson	Method	rotary mud		
Casing from (m)	--	To	--		
Water Table (m)	--	Date measured	--		
Hole Diam. (cm)	12	Plugged (Y/N)	N		
Date plotted	08/06/1998				

CUM026

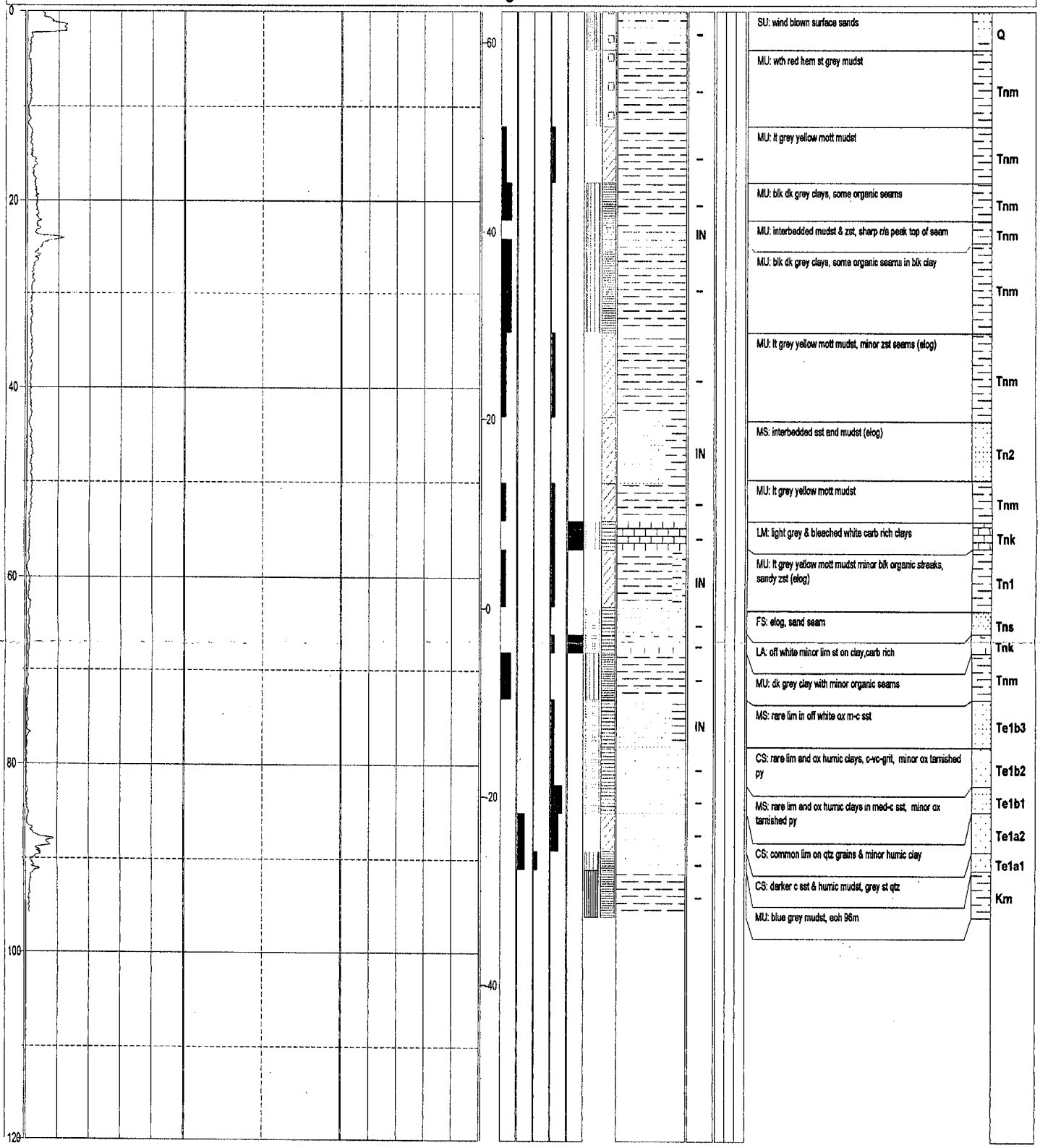
Prospect: Oban

Project: 9261

Name: CUJV

Tenement: EL2275

Depth — Gamma 0-1000 cps (corr) — Gamma 0-5000 cps (corr) — R (100-0 nominal) — SP (0-100 nominal) — eU3O8 (calc) 0-2,500 ppm, 0.5 m intersections >= 100 ppm ave.



PALADIN RESOURCES N'

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	78.0	--
Probe No.	gamma 689	gamma to (m)	96.0	88.0	--
Date Logged	16/02/1998	gamma speed (m/min)	3	2	--
Operator	WD	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	96.0	--	--
Notes	bad elogs	electric speed (m/min)	8	--	--

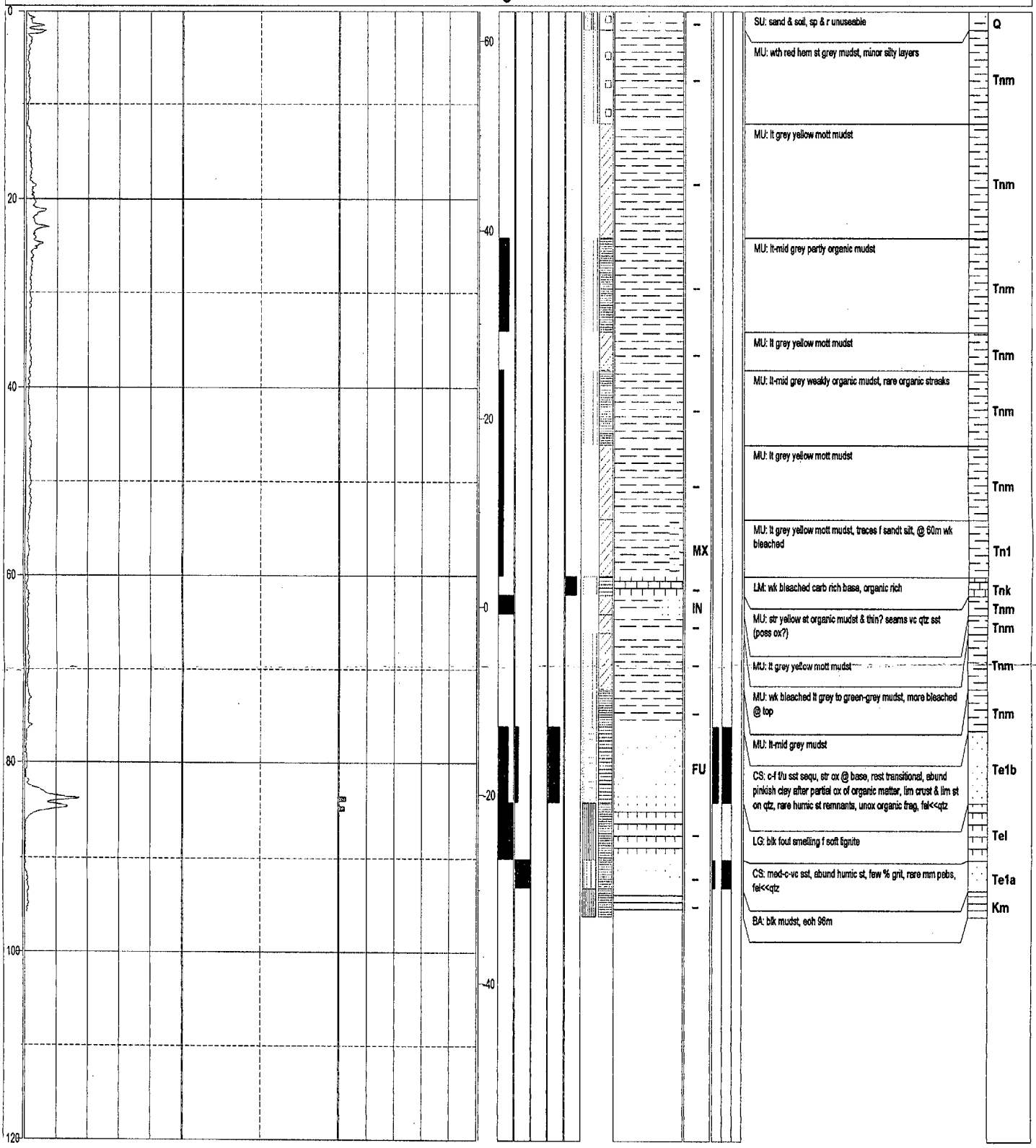
Co-ord local (m)	--		E	--	N
Co-ord AMG	481000		F	6549300	N
Collar Elev (m)	--		(m)	63.25	ADH
Depth (m)	96.0	Azimuth --	Dip	90 deg	
Date commenced	16/02/1998		Date completed	16/02/1998	
Geologist	JD-B		Logged date	16/02/1998	
Drilling Co.	Thompson		Method	rotary mud	
Casing from (m)	--		To	--	
Water Table (m)	--		Date measured	--	
Hole Diam. (cm)	12		Plugged (Y/N)	N	
Date plotted	08/06/1998				

CUM027

Prospect: Oban

Project: 9261
Name: CUJV
Tenement: EL2275

Depth
Gamma 0-1000 cps (corr)
Gamma 0-5000 cps (corr)
R (100-0 nominal)
SP (0-100 nominal)
eU3O8 (calc)
0-2,500 ppm
0.5 m intersections >= 100 ppm ave.
RL (m)
Organic
Humic
Pyrite
Limon.
Carb.
Colour
Redox
Cuttings
Relator
Sorting
Rndness
Bedding
Description & Comments
Lithol.
Unit



PALADIN RESOURCES N'

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	82.0	--
Probe No.	gamma 689	gamma to (m)	96.0	90.0	--
Date Logged	16/02/1998	gamma speed (m/min)	3	2	--
Operator	GJ	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	96.0	--	--
Notes	ok SP, bad R	electric speed (m/min)	8	--	--

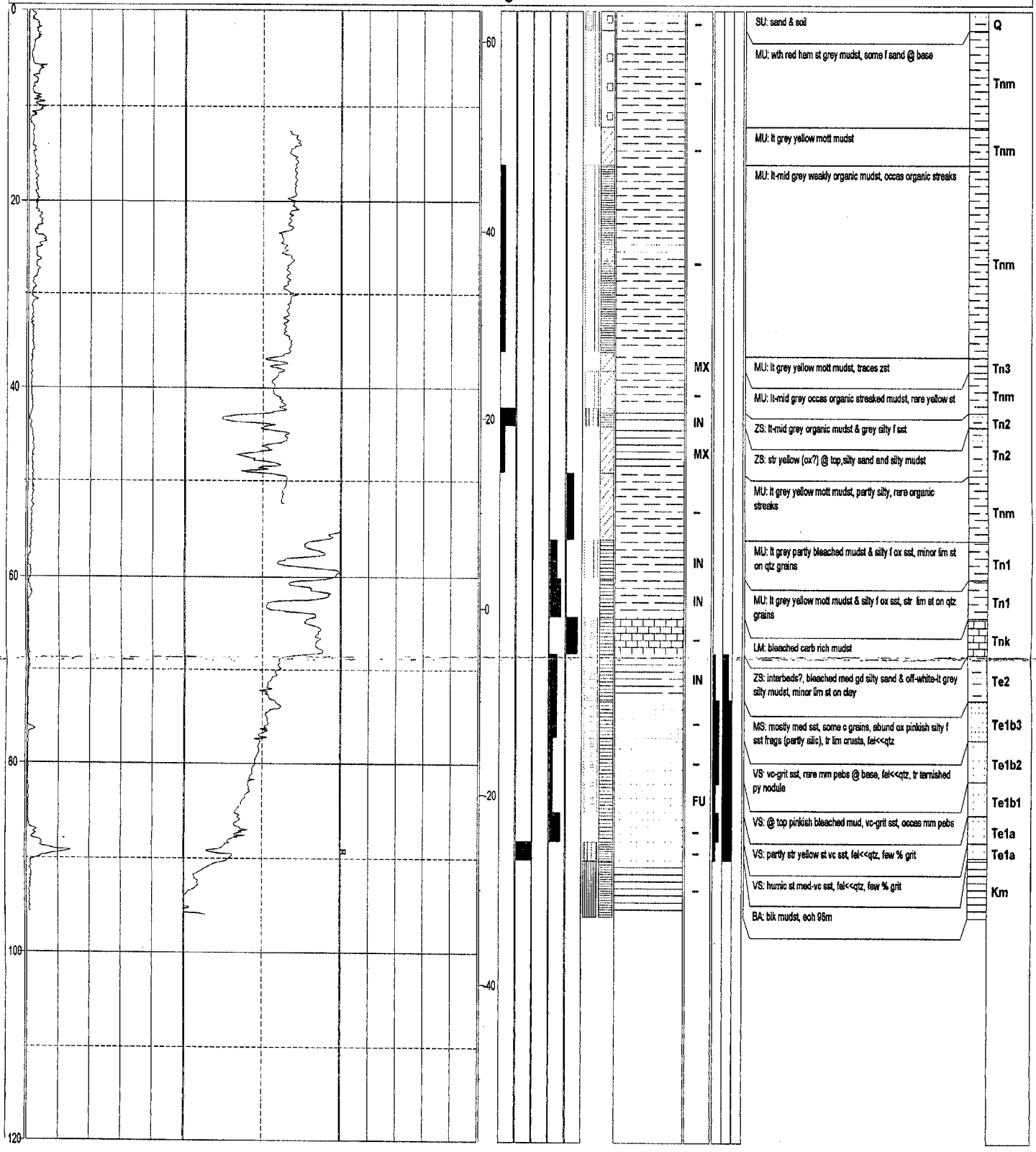
Co-ord local (m)	--		E	--	N
Co-ord AMG	481000		F	6549100	N
Collar Elev (m)	--		(m)	63.25	ADH
Depth (m)	96.0	Azimuth --		90 deg	
Date commenced	16/02/1998		Date completed	16/02/1998	
Geologist	JD-B		Logged date	16/02/1998	
Drilling Co.	Thompson		Method	rotary mud	
Casing from (m)	--		To	--	
Water Table (m)	--		Date measured	--	
Hole Diam. (cm)	12		Plugged (Y/N)	N	
Date plotted	08/06/1998				

CUM028

Prospect: Oban

Project: 9261
Name: CUJV
Tenement: EL2275

Depth | Gamma 0-1000 cps (corr) | Gamma 0-5000 cps (corr) | R (100-0 nominal) | SP (0-100 nominal) | eU3O8 (calc) 0-2,500 ppm 0.5 m intersections >= 100 ppm eve. | RL (m) | Organic | Humic | Pyrite | Limon. | Carb. | Colour | Redox | Cuttings | Relator | Sorting | Rndness | Bedding | Description & Comments | Lithol. | Unit



PALADIN RESOURCES N'

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	84.0	--
Probe No.	gamma 689	gamma to (m)	102.0	96.0	--
Date Logged	16/02/1998	gamma speed (m/min)	3	2	--
Operator	GJ	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	102.0	--	--
Notes	bad elogs	electric speed (m/min)	8	--	--

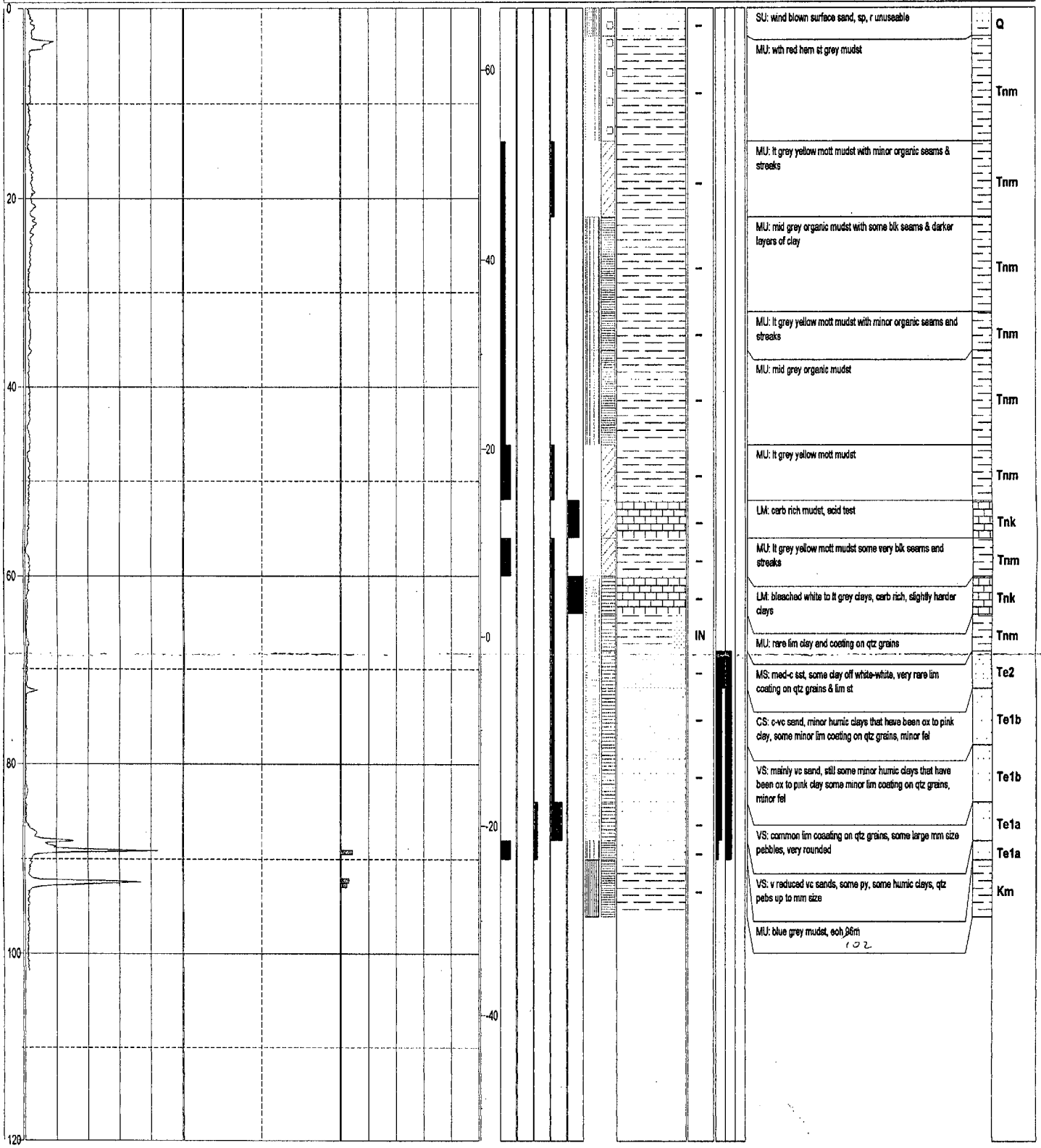
Co-ord local (m)	--	E	--	N	
Co-ord AMG	480300	E	6549131	N	
Collar Elev (m)	--		(m) 66.50	ADH	
Depth (m)	102.0	Azimuth	--	Dip	90 deg
Date commenced	16/02/1998		Date completed	16/02/1998	
Geologist	WD		Logged date	16/02/1998	
Drilling Co.	Thompson		Method	rotary mud	
Casing from (m)	--		To	--	
Water Table (m)	--		Date measured	--	
Hole Diam. (cm)	12		Plugged (Y/N)	N	
Date plotted	06/06/1998				

CUM029

Prospect: Oban

Project: 9261
Name: CUJV
Tenement: EL2275

Depth — Gamma 0-1000 cps (corr) / Gamma 0-5000 cps (corr) — R (100-0 nominal) / SP (0-100 nominal) — eU3O8 (calc) 0-2,500 ppm, 0.5 m intersections >= 100 ppm ave. — RL (m) — Organic — Humic — Pyrite — Limon. — Carb. — Colour — Redox — Cuttings — Relator — Sorting — Rndness — Bedding — Description & Comments — Lithol. — Unit



Description & Comments	Unit
SU: wind blown surface sand, sp, r unuseable	Q
MU: wth red hem st grey mudst	Tnm
MU: lt grey yellow mott mudst with minor organic seams & streaks	Tnm
MU: mid grey organic mudst with some blk seams & darker layers of clay	Tnm
MU: lt grey yellow mott mudst with minor organic seams and streaks	Tnm
MU: mid grey organic mudst	Tnm
MU: lt grey yellow mott mudst	Tnm
LM: carb rich mudst, acid test	Tnk
MU: lt grey yellow mott mudst some very blk seams and streaks	Tnm
LM: bleached white to lt grey clays, carb rich, slightly harder clays	Tnk
MU: rare lim clay and coating on qtz grains	Tnm
MS: med-c sst, some clay off white-white, very rare lim coating on qtz grains & lim st	Te2
CS: c-vc sand, minor humic clays that have been ox to pink clay, some minor lim coating on qtz grains, minor fel	Te1b
VS: mainly vc sand, still some minor humic clays that have been ox to pink clay some minor lim coating on qtz grains, minor fel	Te1b
VS: common lim coating on qtz grains, some large mm size pebbles, very rounded	Te1a
VS: v reduced vc sands, some py, some humic clays, qtz pebs up to mm size	Te1a
MU: blue grey mudst, eoh @6m	Km

102

PALADIN RESOURCES N'

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	82.0	0.0
Probe No.	gamma 689	gamma to (m)	96.0	96.0	6.0
Date Logged	16/02/1998	gamma speed (m/min)	3	2	2
Operator	GJ	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	96.0	--	--
Notes	ok SP, bad R	electric speed (m/min)	8	--	--

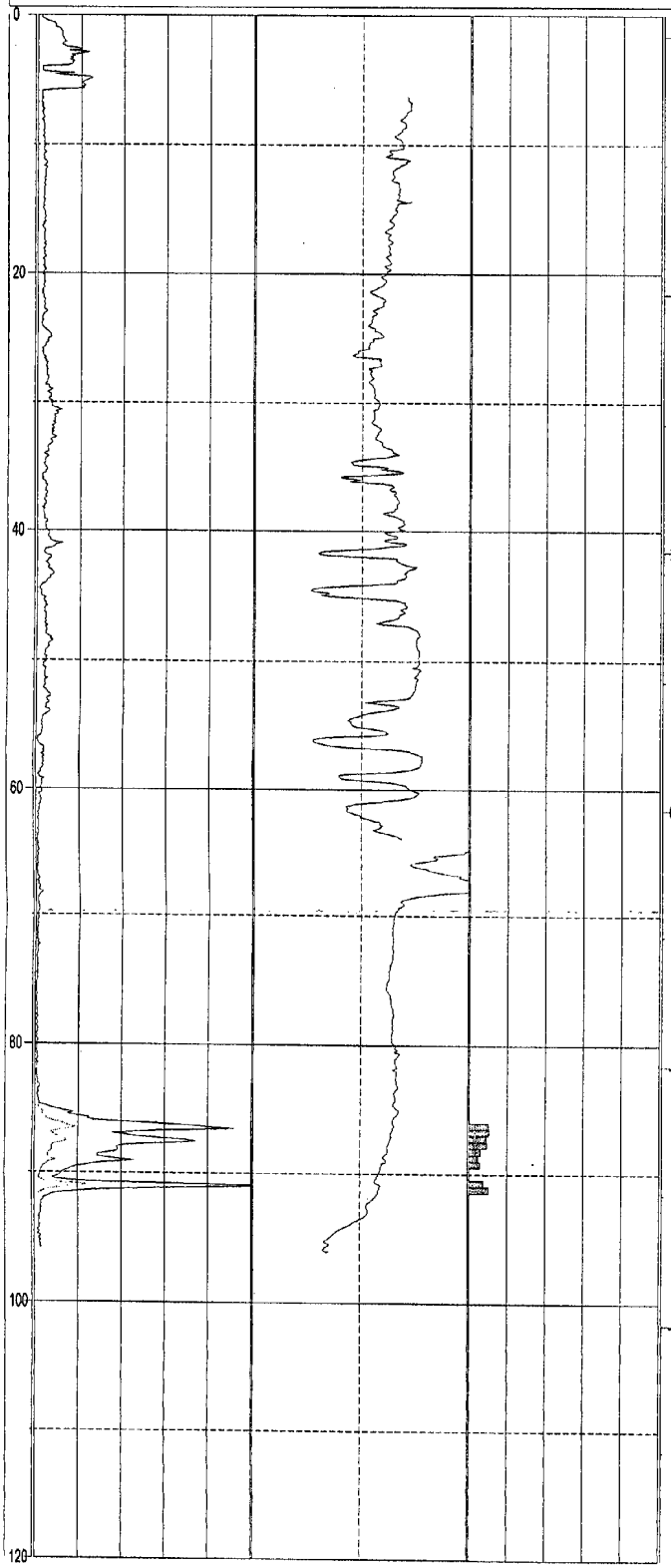
Co-ord local (m)	--	E	--	N	
Co-ord AMG	479781	E	6547902	N	
Collar Elev (m)	--		(m) 61.60	ADH	
Depth (m) 96.0	Azimuth --	Dip	90 deg		
Date commenced	16/02/1998	Date completed	16/02/1998		
Geologist	JD-B	Logged date	16/02/1998		
Drilling Co.	Thompson	Method	rotary mud		
Casing from (m)	--	To	--		
Water Table (m)	--	Date measured	--		
Hole Diam. (cm)	12	Plugged (Y/N)	N		
Date plotted	08/06/1998				

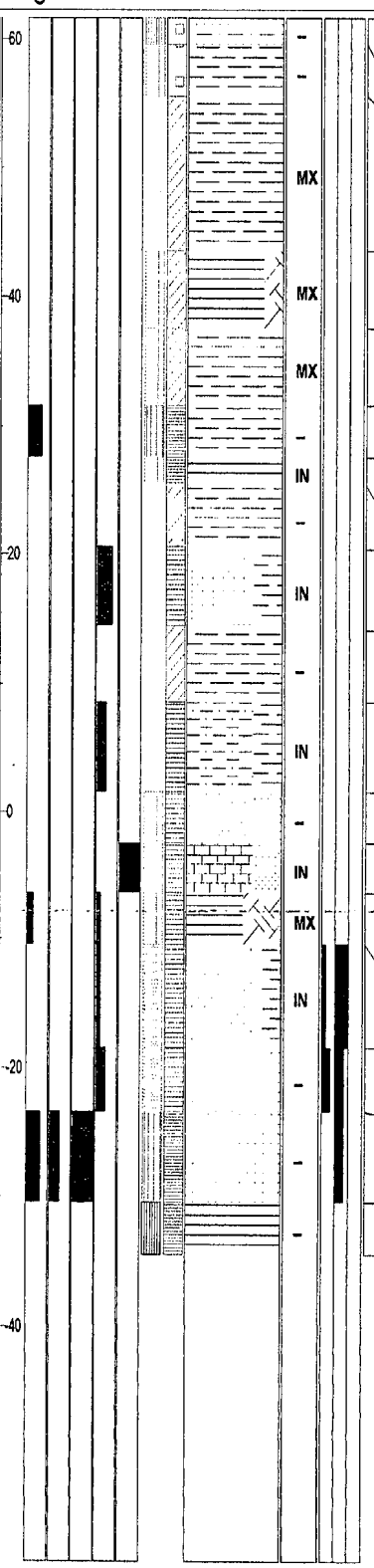
CUM030

Prospect: Oban

Project: 9261
Name: CUJV
Tenement: EL2275

Depth
Gamma 0-1000 cps (corr)
Gamma 0-5000 cps (corr)
R (100-0 nominal)
SP (0-100 nominal)
eU3O8 (calc)
0-2,500 ppm
0.5 m intersections >= 100 ppm ave.
RL (m)
Organic
Humic
Pyrite
Limon.
Carb.
Colour
Redox
Cuttings
Relator
Sorting
Rndness
Bedding
Description & Comments
Lithol.
Unit





Description & Comments	Unit
SU: sand & soil	Q
MU: wth red hem st grey mudst, somewhat silty in patches	Tnm
MU: lt grey yellow mott mudst, irreg traces of silt	Tnm
Zl: lt grey clayey zst, minor yellow mott, esp @ base, few % f ox lim st qtz grains @ base	Tnm
MU: lt grey wk yellow mott mudst, traces of silt	Tnm
MU: dk grey organic mudst	Tnm
Zl: lt grey wk yellow mott mudst and zst bands	Tn3
MU: lt grey yellow mott mudst	Tnm
MS: lt grey yellow mott mudst & ox str lim st med qtz sst, tending to c gd	Tn2
MU: lt grey yellow mott mudst	Tnm
SZ: lt-mid grey partly organic yellow mott mudst & f sandy ox? sandy zst	Tnm1
FS: f sst, elog, poss silty in part	Tn1
LM: str bleached white carb rich mudst	Tnk
ZS: lt grey-off white clayey zst, silty sand, rare blk organic remnants?, poor sample 70-72m	Te2
CS: med-c sst, tr vc grains, f/u sequ, lt grey to pink bleached mudst	Te1b
VS: vc-grit sst, poss pink bleached @ top?, fel<<qtz, lim qtz st increases to base	Te1b
VS: poor washed contam samples, vc reduc sst, some dk brown organic mud, mm-cm freq py cement	Te1a
BA: blue blk mudst, eoh 96m	KM

PALADIN RESOURCES N'

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	--	--
Probe No.	gamma 689	gamma to (m)	96.0	--	--
Date Logged	17/02/1998	gamma speed (m/min)	3	--	--
Operator	GJ	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	96.0	--	--
Notes	bad elogs	electric speed (m/min)	8	--	--

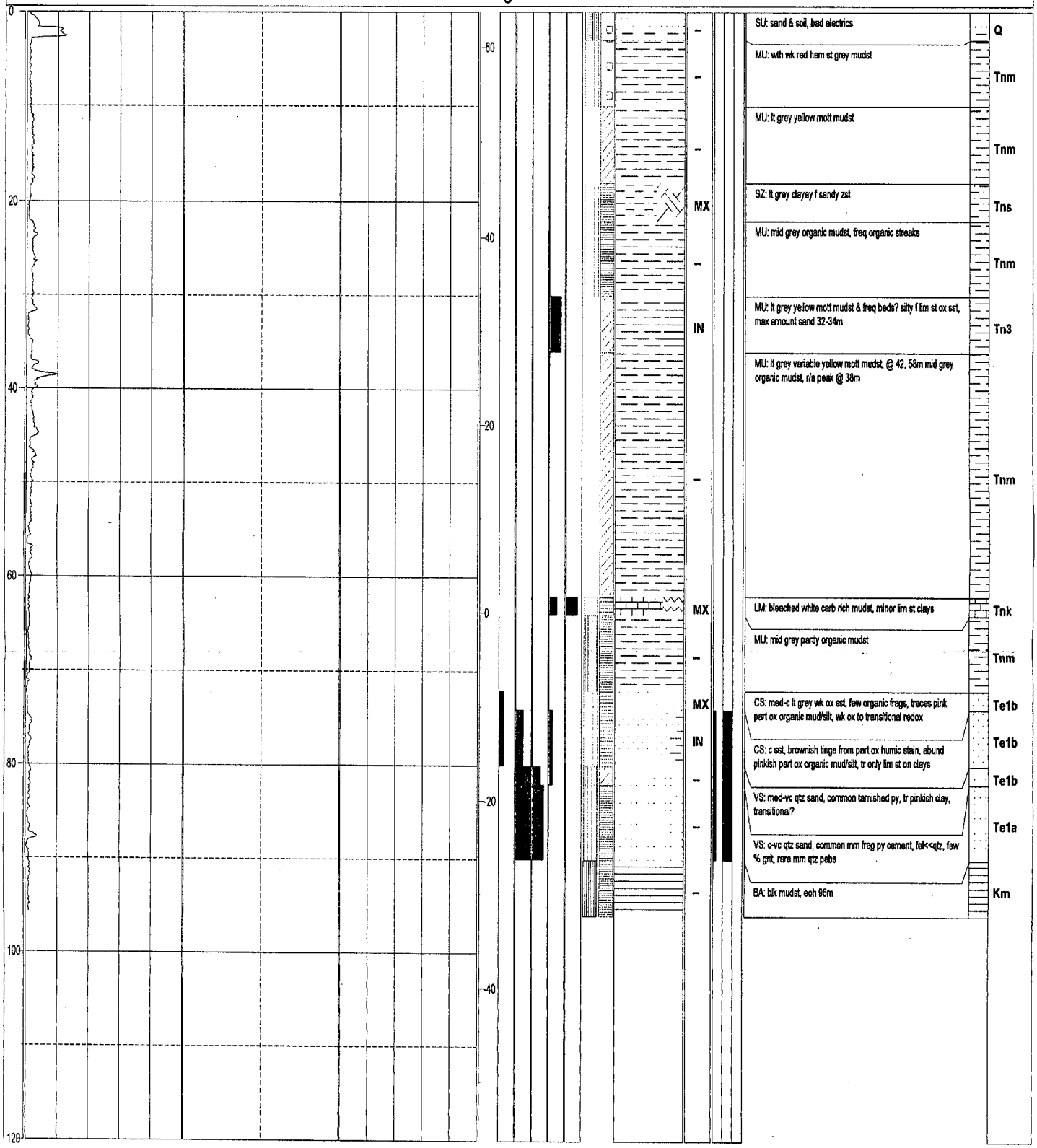
Co-ord local (m)	--	E	--	N	
Co-ord AMG	479699	F	6547500	N	
Collar Elev (m)	--	m)	63.75	ADH	
Depth (m)	96.0	Azimuth	--	ים	90 deg
Date commenced	17/02/1998	Date completed	17/02/1998		
Geologist	JD-B	Logged date	17/02/1998		
Drilling Co.	Thompson	Method	rotary mud		
Casing from (m)	--	To	--		
Water Table (m)	--	Date measured	--		
Hole Diam. (cm)	12	Plugged (Y/N)	N		
Date plotted	09/06/1998				

CUM031

Prospect: Oban

Project: 9261
Name: CUJV
Tenement: EL2275

Depth | Gamma 0-1000 cps (corr) / Gamma 0-5000 cps (corr) | R (100-0 nominal) / SP (0-100 nominal) | eU3O8 (calc) 0-2,500 ppm, 0.5 m intersections >= 100 ppm ave. | RL (m) | Organic | Humic | Pyrite | Limon. | Carb. | Colour | Redox | Cuttings | Relator | Sorting | Rndness | Bedding | Description & Comments | Lithol. | Unit



PALADIN RESOURCES N'

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	0.0	--
Probe No.	gamma 689	gamma to (m)	96.0	4.0	--
Date Logged	17/02/1998	gamma speed (m/min)	3	2	--
Operator	GJ	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	96.0	--	--
Notes	ok SP, bad R	electric speed (m/min)	8	--	--

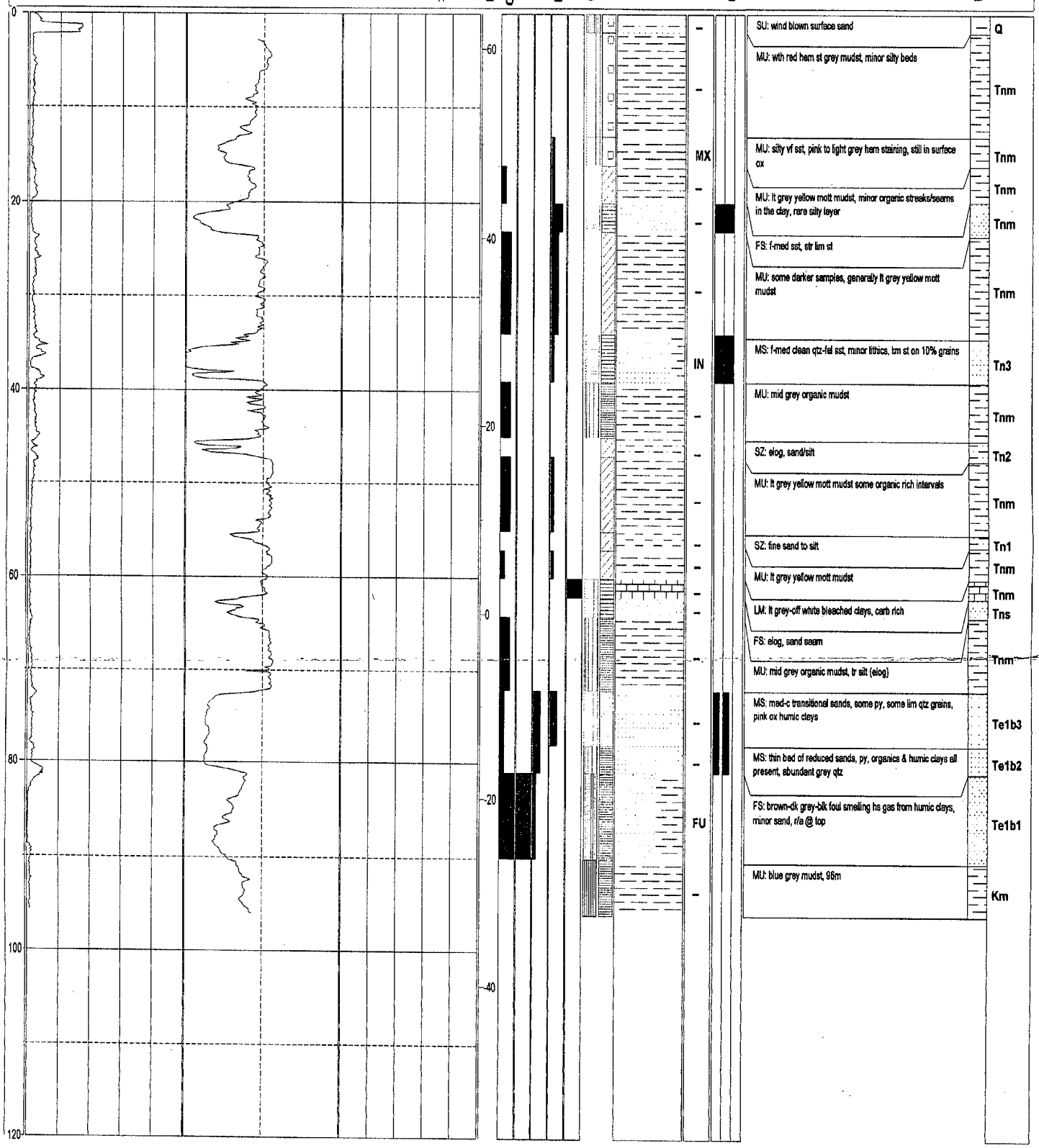
Co-ord local (m)	--	E	--	N	
Co-ord AMG	479598	E	6547499	N	
Collar Elev (m)	--		(m) 63.75	ADH	
Depth (m) 96.0	Azimuth --	Dip	90 deg		
Date commenced	17/02/1998	Date completed	17/02/1998		
Geologist	WD	Logged date	17/02/1998		
Drilling Co.	Thompson	Method	rotary mud		
Casing from (m)	--	To	--		
Water Table (m)	--	Date measured	--		
Hole Diam. (cm)	12	Plugged (Y/N)	N		
Date plotted	09/06/1998				

CUM032

Prospect: Oban

Project: 9261
Name: CUJV
Tenement: EL2275

Depth
Gamma 0-1000 cps (corr)
Gamma 0-5000 cps (corr)
R (100-0 nominal)
SP (0-100 nominal)
eU3O8 (calc)
0-2,500 ppm
0.5 m intersections >= 100 ppm ave.



PALADIN RESOURCES N'

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	0.0	--
Probe No.	gamma 689	gamma to (m)	102.0	8.0	--
Date Logged	17/02/1998	gamma speed (m/min)	3	2	--
Operator	GJ	electric from (m)	0.0	26.0	0.0
Open/Closed Hole	open	electric to (m)	102.0	60.0	60.0
Notes	bad elogs	electric speed (m/min)	8	9	9

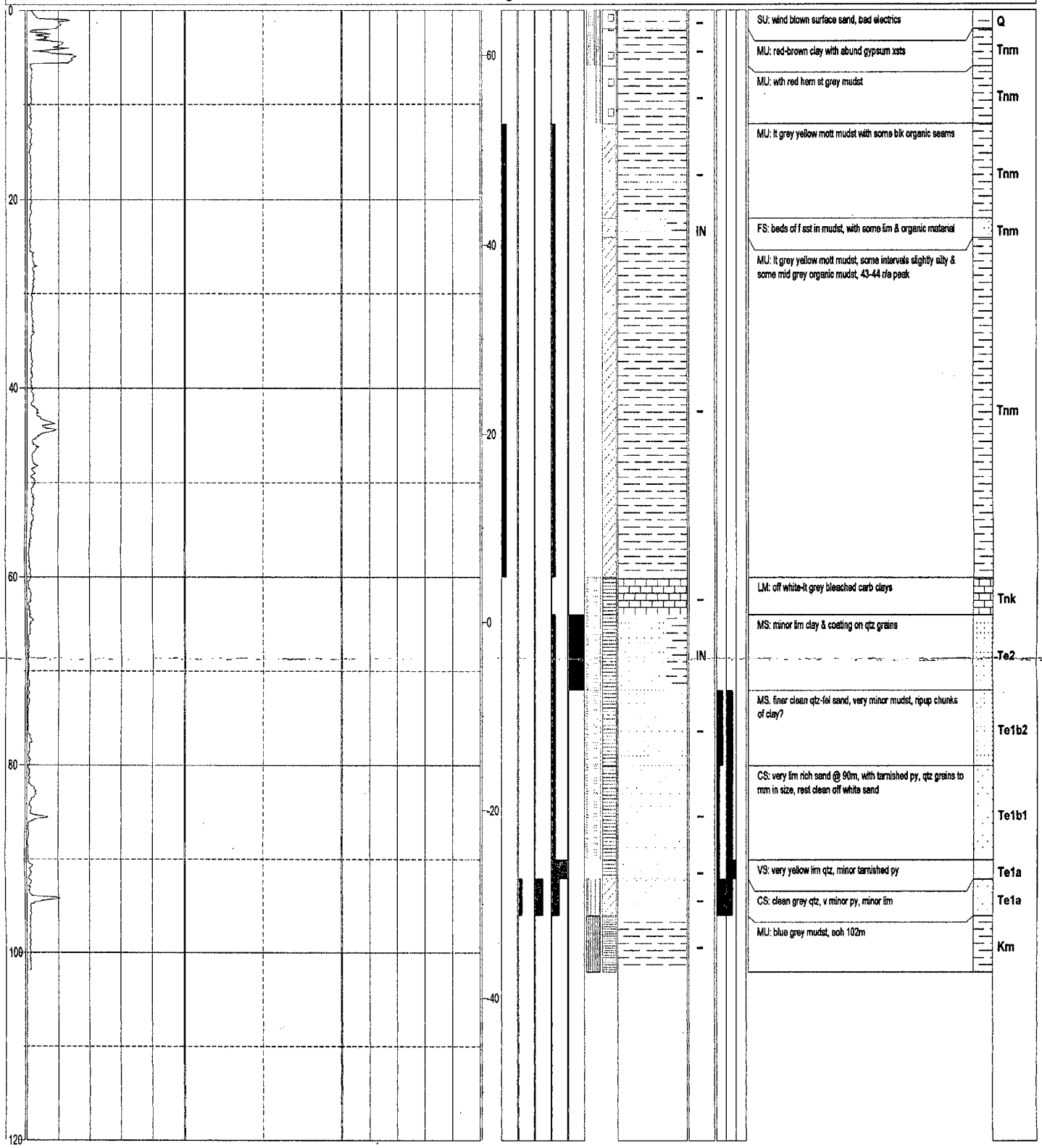
Co-ord local (m)	--		E	--	N
Co-ord AMG	480517		E	6547229	N
Collar Elev (m)	--			m) 64.80	ADH
Depth (m)	102.0	Azimuth	--	Dip	90 deg
Date commenced	17/02/1998		Date completed	17/02/1998	
Geologist	WD		Logged date	17/02/1998	
Drilling Co.	Thompson		Method	rotary mud	
Casing from (m)	--		To	--	
Water Table (m)	--		Date measured	--	
Hole Diam. (cm)	12		Plugged (Y/N)	N	
Date plotted	09/06/1998				

CUM033

Prospect: Oban

Project: 9261
Name: CUJV
Tenement: EL2275

Depth — Gamma 0-1000 cps (corr) — Gamma 0-5000 cps (corr) — R (100-0 nominal) — SP (0-100 nominal) — eU3O8 (calc) 0-2,500 ppm, 0.5 m intersections >= 100 ppm ave. — RL (m) — Organic — Humic — Pyrite — Limon. — Carb. — Colour — Redox — Cuttings — Relator — Sorting — Rndness — Bedding — Description & Comments — Lithol. — Unit



Description & Comments	Unit
SU: wind blown surface sand, bad electrics	Q
MU: red-brown clay with abund gypsum xsts	Tnm
MU: wth red hem st grey mudst	Tnm
MU: lt grey yellow mott mudst with some blk organic seams	Tnm
FS: beds of f sst in mudst, with some lim & organic material	Tnm
MU: lt grey yellow mott mudst, some intervals slightly silty & some mid grey organic mudst, 43-44 r/a peak	Tnm
LM: off white-lt grey bleached carb clays	Tnk
MS: minor lim clay & coating on qtz grains	Te2
MS. finer clean qtz-fel sand, very minor mudst, nipup chunks of clay?	Te1b2
CS: very lim rich sand @ 90m, with tarnished py, qtz grains to mm in size, rest clean off white sand	Te1b1
VS: very yellow lim qtz, minor tarnished py	Te1a
CS: clean grey qtz, v minor py, minor lim	Te1a
MU: blue grey mudst, eoh 102m	Km

PALADIN RESOURCES N!

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	92.0	0.0
Probe No.	gamma 689	gamma to (m)	102.0	96.0	6.0
Date Logged	17/02/1998	gamma speed (m/min)	3	2	2
Operator	GJ	electric from (m)	0.0	–	–
Open/Closed Hole	open	electric to (m)	102.0	–	–
Notes	poor SP, bad R	electric speed (m/min)	8	–	–

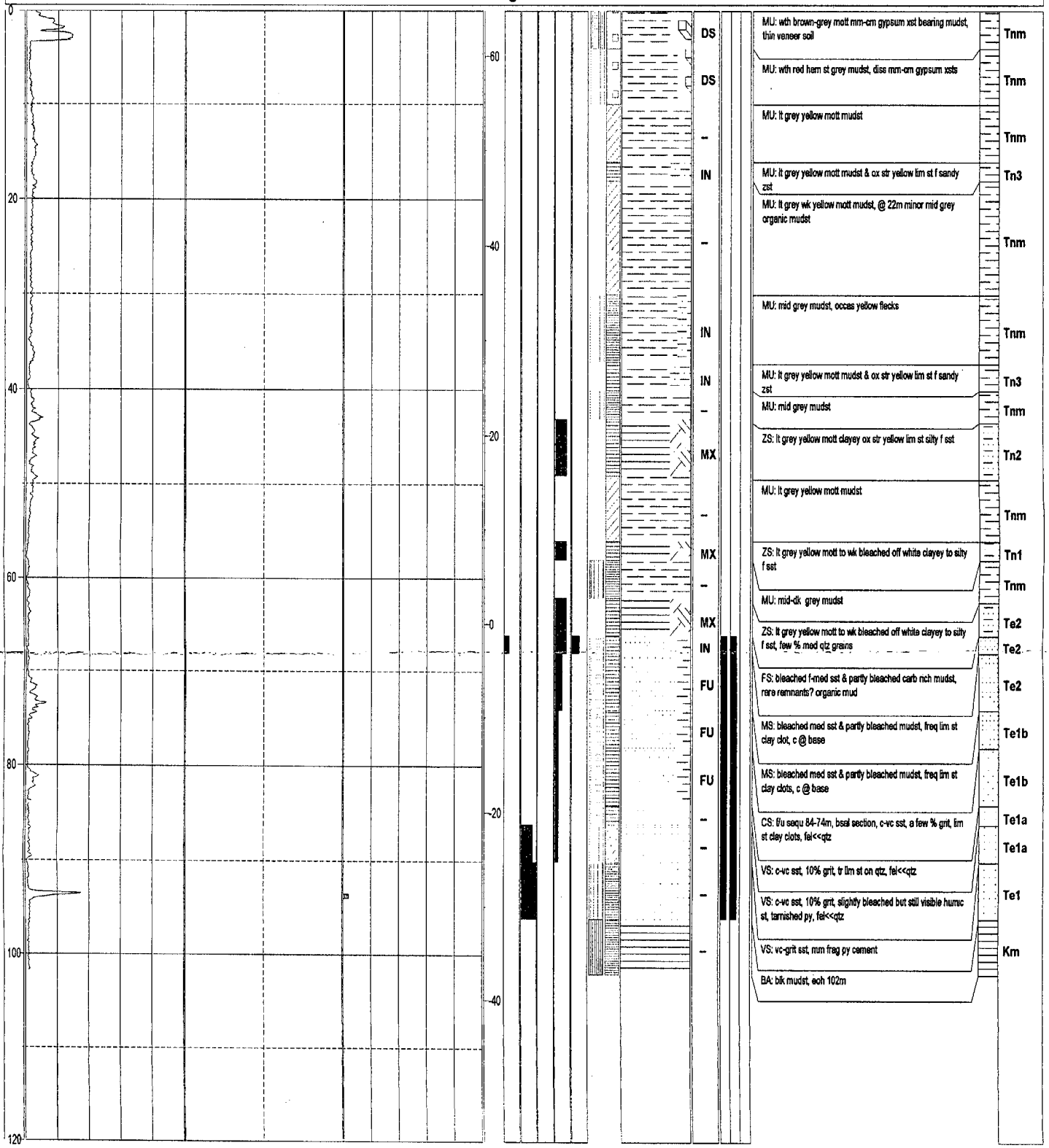
Co-ord local (m)	–	E	–	N	
Co-ord AMG	480498	E	6547052	N	
Collar Elev (m)	–		m)	64.80	ADH
Depth (m)	102.0	Azimuth	–	Dip	90 deg
Date commenced	17/02/1998		Date completed	17/02/1998	
Geologist	JD-B		Logged date	17/02/1998	
Drilling Co.	Thompson		Method	rotary mud	
Casing from (m)	–		To	–	
Water Table (m)	–		Date measured	–	
Hole Diam. (cm)	12		Plugged (Y/N)	N	
Date plotted	10/06/1998				

CUM034

Prospect: Oban

Project: 9261
Name: CUJV
Tenement: EL2275

Depth
Gamma 0-1000 cps (corr)
Gamma 0-5000 cps (corr)
R (100-0 nominal)
SP (0-100 nominal)
eU3O8 (calc)
0-2,500 ppm
0.5 m intersections >= 100 ppm ave.
RL (m)
Organic
Humic
Pyrite
Limon.
Carb.
Colour
Redox
Cuttings
Relator
Sorting
Rndness
Bedding
Description & Comments
Lithol.
Unit



Description & Comments	Unit
MU: wth brown-grey mott mm-cm gypsum xst bearing mudst, thin veneer soil	Tnm
MU: wth red hem st grey mudst, diss mm-cm gypsum xsts	Tnm
MU: lt grey yellow mott mudst	Tnm
MU: lt grey yellow mott mudst & ox str yellow lim st f sandy zst	Tn3
MU: lt grey wk yellow mott mudst, @ 22m minor mid grey organic mudst	Tnm
MU: mid grey mudst, occas yellow flecks	Tnm
MU: lt grey yellow mott mudst & ox str yellow lim st f sandy zst	Tn3
MU: mid grey mudst	Tnm
ZS: lt grey yellow mott clayey ox str yellow lim st silty f sst	Tn2
MU: lt grey yellow mott mudst	Tnm
ZS: lt grey yellow mott to wk bleached off white clayey to silty f sst	Tn1
MU: mid-dk grey mudst	Tnm
ZS: lt grey yellow mott to wk bleached off white clayey to silty f sst, few % mod qtz grains	Te2
FS: bleached f-med sst & partly bleached carb nch mudst, rare remnants? organic mud	Te2
MS: bleached med sst & partly bleached mudst, freq lim st clay clot, c @ base	Te1b
MS: bleached med sst & partly bleached mudst, freq lim st clay clots, c @ base	Te1b
CS: f/u sequ 84-74m, bsal section, c-vc sst, a few % grit, lim st clay clots, fel<<qtz	Te1a
VS: c-vc sst, 10% grit, tr lim st on qtz, fel<<qtz	Te1a
VS: c-vc sst, 10% grit, slightly bleached but still visible humic st, tarnished py, fel<<qtz	Te1
VS: vc-grit sst, mm frag py cement	Km
BA: blk mudst, ech 102m	

PALADIN RESOURCES N

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	--	--
Probe No.	gamma 689	gamma to (m)	102.0	--	--
Date Logged	18/02/1998	gamma speed (m/min)	3	--	--
Operator	GJ	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	102.0	--	--
Notes	poor SP, bad R	electric speed (m/min)	8	--	--

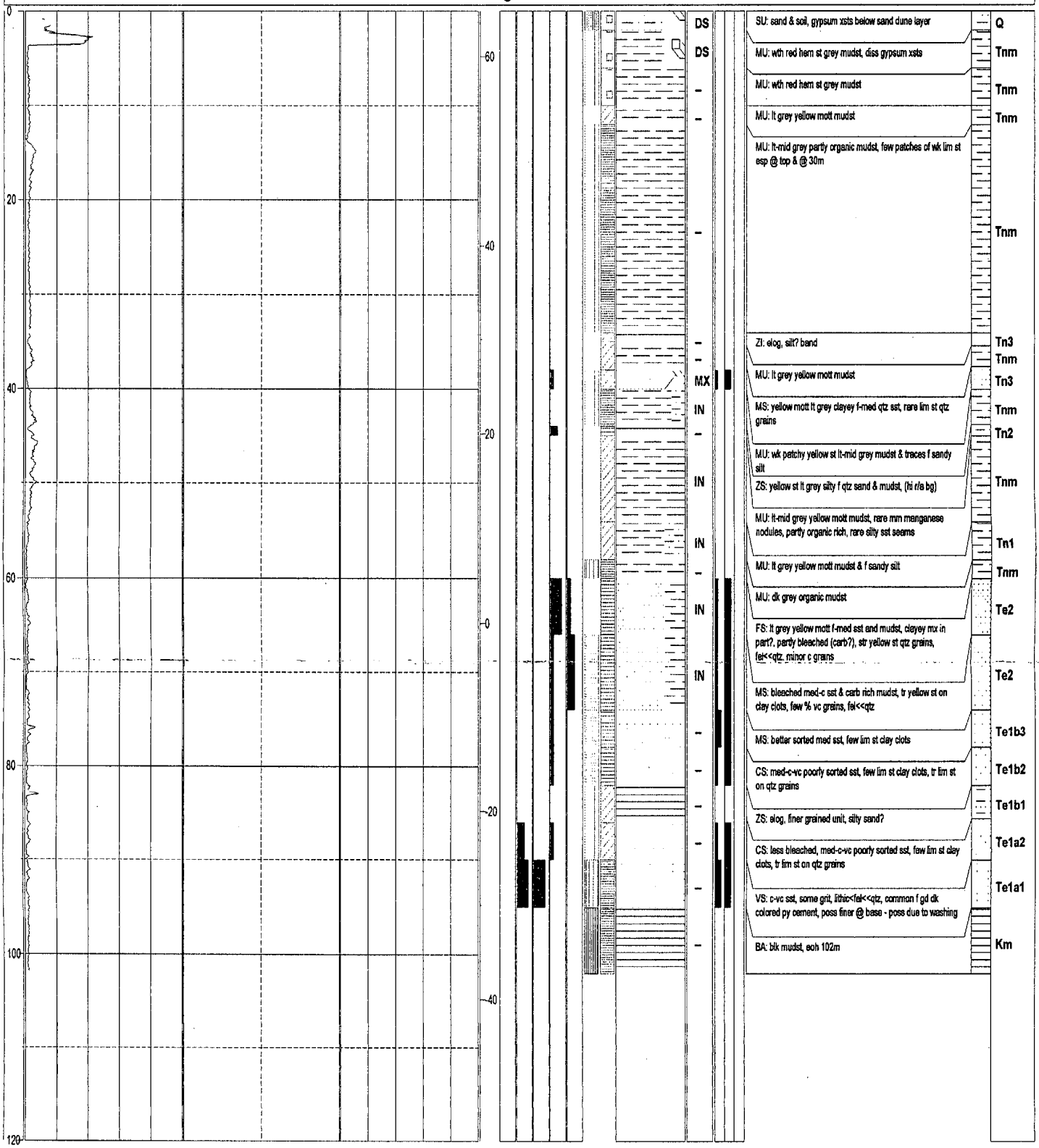
Co-ord local (m)	--	E	--	N	
Co-ord AMG	480490	E	6546985	N	
Collar Elev (m)	--	m)	64.80	ADH	
Depth (m)	102.0	Azimuth	--	Dip	90 deg
Date commenced	18/02/1998	Date completed	18/02/1998		
Geologist	JD-B	Logged date	18/02/1998		
Drilling Co.	Thompson	Method	rotary mud		
Casing from (m)	--	To	--		
Water Table (m)	--	Date measured	--		
Hole Diam. (cm)	12	Plugged (Y/N)	N		
Date plotted	09/06/1998				

CUM035

Prospect: Berber

Project: 9261
Name: CUJV
Tenement: EL2275

Depth | Gamma 0-1000 cps (corr) | Gamma 0-5000 cps (corr) | R (100-0 nominal) | SP (0-100 nominal) | eU3O8 (calc) 0-2,500 ppm (0.5 m intersections >= 100 ppm ave.) | RL (m) | Organic | Humic | Pyrite | Limon. | Carb. | Colour | Redox | Cuttings | Relator | Sorting | Rndness | Bedding | Description & Comments | Lithol. | Unit



PALADIN RESOURCES N'

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	94.0	0.0
Probe No.	gamma 689	gamma to (m)	102.0	100.0	6.0
Date Logged	18/02/1998	gamma speed (m/min)	3	2	2
Operator	GJ	electric from (m)	0.0	–	–
Open/Closed Hole	open	electric to (m)	102.0	–	–
Notes	poor SP, bad R	electric speed (m/min)	8	–	–

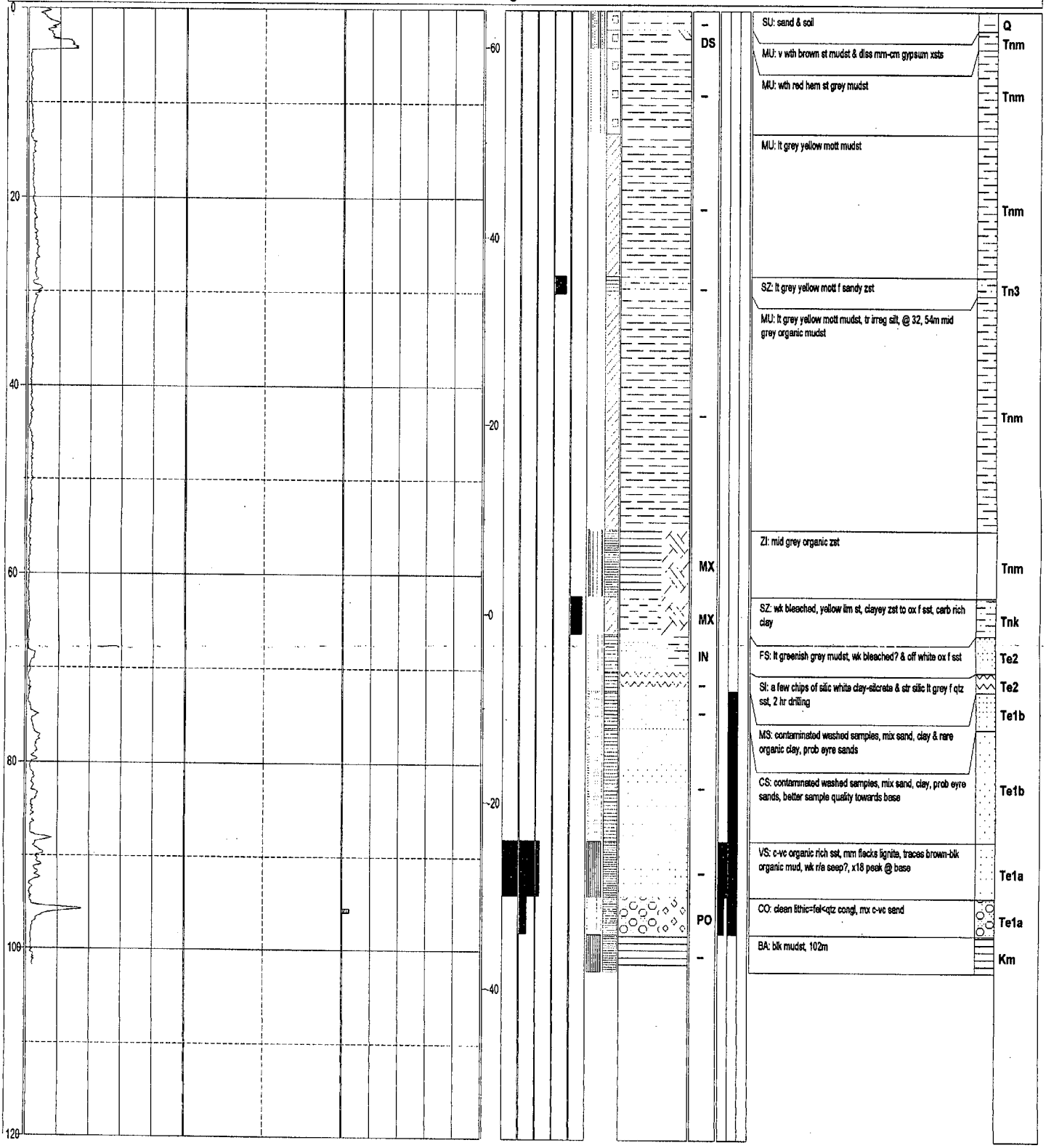
Co-ord local (m)	–		E	–	N
Co-ord AMG	480350		E	6546100	N
Collar Elev (m)	–		(m)	64.00	ADH
Depth (m)	102.0	Azimuth –	Dip	90 deg	
Date commenced	18/02/1998		Date completed	18/02/1998	
Geologist	JD-B		Logged date	18/02/1998	
Drilling Co.	Thompson		Method	rotary mud	
Casing from (m)	–		To	–	
Water Table (m)	–		Date measured	–	
Hole Diam. (cm)	12		Plugged (Y/N)	N	
Date plotted	09/06/1998				

CUM036

Prospect: Oban

Project: 9261
Name: CUJV
Tenement: EL2275

Depth | Gamma 0-1000 cps (corr) | Gamma 0-5000 cps (corr) | R (100-0 nominal) | SP (0-100 nominal) | eU3O8 (calc) 0-2,500 ppm 0.5 m intersections >= 100 ppm ave. | RL (m) | Organic | Humic | Pyrite | Limon. | Carb. | Colour | Redox | Cuttings | Relator | Sorting | Rndness | Bedding | Description & Comments | Lithol. | Unit



PALADIN RESOURCES N!

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	0.0	--
Probe No.	gamma 689	gamma to (m)	102.0	6.0	--
Date Logged	18/02/1998	gamma speed (m/min)	3	2	--
Operator	GJ	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	102.0	--	--
Notes	bad SP, R	electric speed (m/min)	8	--	--

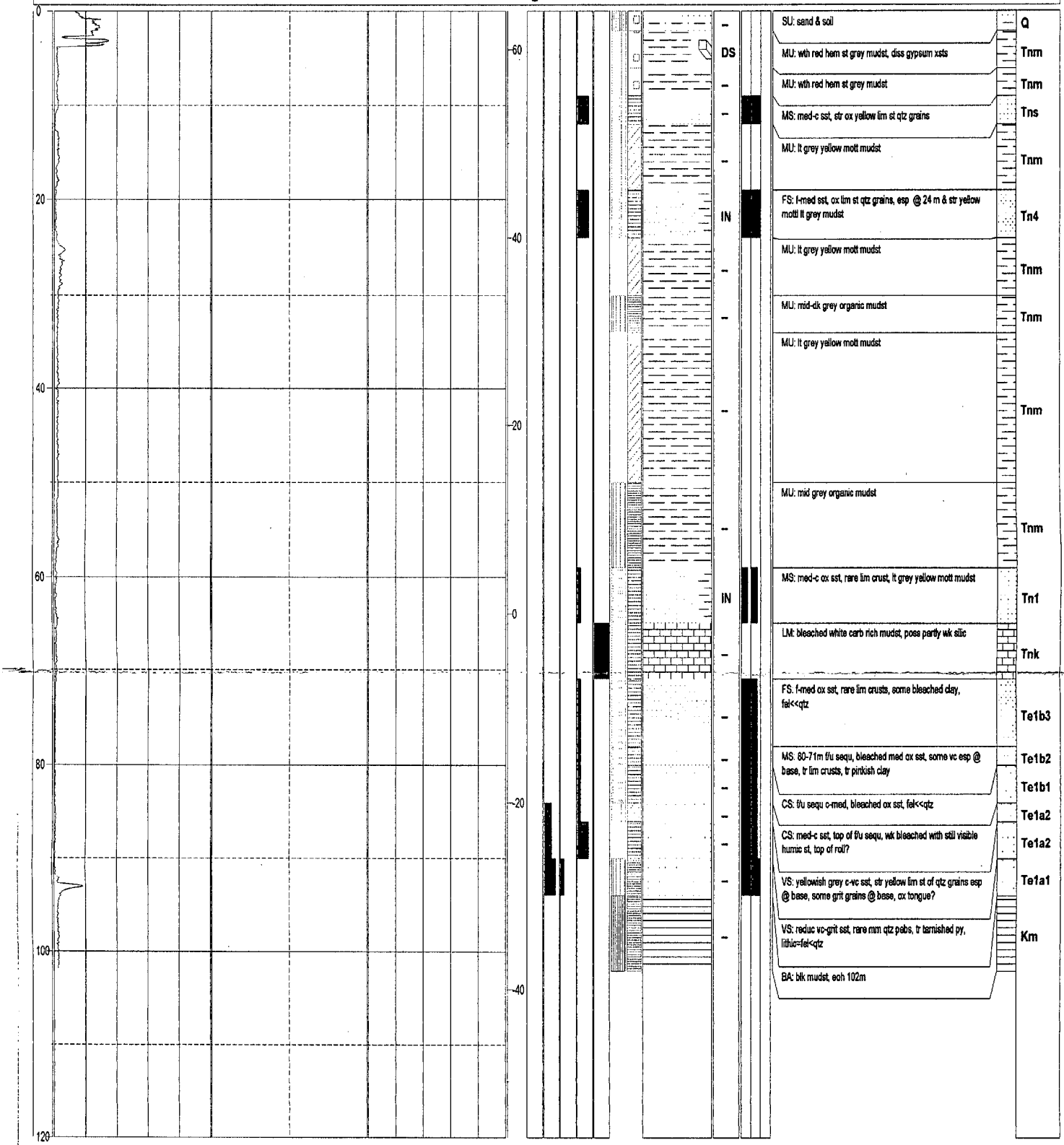
Co-ord local (m)	--	E	--	N	
Co-ord AMG	480339	E	6545850	N	
Collar Elev (m)	--		m) 64.00	ADH	
Depth (m)	102.0	Azimuth	--	Dip	90 deg
Date commenced	18/02/1998	Date completed	18/02/1998		
Geologist	JD-B	Logged date	18/02/1998		
Drilling Co.	Thompson	Method	rotary mud		
Casing from (m)	--	To	--		
Water Table (m)	--	Date measured	--		
Hole Diam. (cm)	12	Plugged (Y/N)	N		
Date plotted	09/06/1998				

CUM037

Prospect: Berber

Project: 9261
Name: CUJV
Tenement: EL2275

Depth
Gamma 0-1000 cps (corr)
Gamma 0-5000 cps (corr)
R (100-0 nominal)
SP (0-100 nominal)
eU3O8 (calc)
0-2,500 ppm
0.5 m intersections >= 100 ppm ave.
RL (m)
Organic
Humic
Pyrite
Limon.
Carb.
Colour
Redox
Cuttings
Relator
Sorting
Rndness
Bedding
Description & Comments
Lithol.
Unit



Description & Comments	Unit
SU: sand & soil	Q
MU: wth red hem st grey mudst, diss gypsum xsts	Tnm
MU: wth red hem st grey mudst	Tnm
MS: med-c sst, str ox yellow lim st qtz grains	Tns
MU: lt grey yellow mott mudst	Tnm
FS: f-med sst, ox lim st qtz grains, esp @ 24 m & str yellow mottl lt grey mudst	Tn4
MU: lt grey yellow mott mudst	Tnm
MU: mid-dk grey organic mudst	Tnm
MU: lt grey yellow mott mudst	Tnm
MU: mid grey organic mudst	Tnm
MS: med-c ox sst, rare lim crust, lt grey yellow mott mudst	Tn1
LM: bleached white carb rich mudst, poss partly wk silic	Tnk
FS: f-med ox sst, rare lim crusts, some bleached clay, fel<<qtz	Te1b3
MS: 80-71m f/u sequ, bleached med ox sst, some vc esp @ base, tr lim crusts, tr pinkish clay	Te1b2
CS: f/u sequ c-med, bleached ox sst, fel<<qtz	Te1b1
CS: med-c sst, top of f/u sequ, wk bleached with still visible humic st, top of roll?	Te1a2
VS: yellowish grey c-vc sst, str yellow lim st of qtz grains esp @ base, some grit grains @ base, ox tongue?	Te1a2
VS: reduc vc-grit sst, rare mm qtz pebs, tr tarnished py, lithic=fel<qtz	Te1a1
BA: blk mudst, eoh 102m	Km

PALADIN RESOURCES N'

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	88.0	--
Probe No.	gamma 689	gamma to (m)	102.0	98.0	--
Date Logged	19/02/1998	gamma speed (m/min)	3	2	--
Operator	GJ	electric from (m)	80.0	0.0	--
Open/Closed Hole	open	electric to (m)	102.0	102.0	--
Notes	bad SP, R	electric speed (m/min)	8	8	--

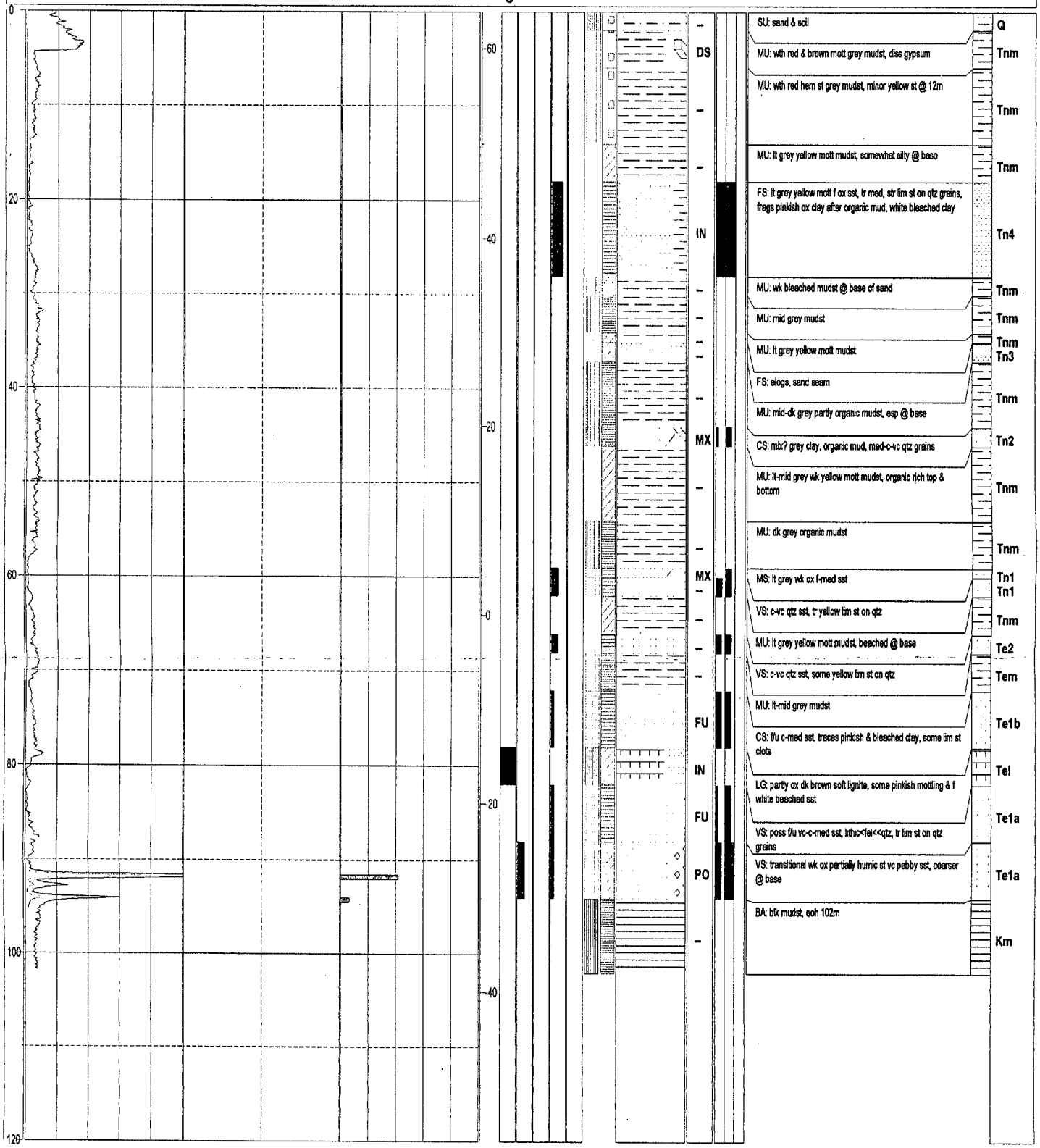
Co-ord local (m)	--		E	--	N
Co-ord AMG	480349		F	6545974	N
Collar Elev (m)	--			m) 64.00	AOH
Depth (m)	102.0	Azimuth --	Dip	90 deg	
Date commenced	19/02/1998		Date completed	19/02/1998	
Geologist	JD-B		Logged date	19/02/1998	
Drilling Co.	Thompson		Method	rotary mud	
Casing from (m)	--		To	--	
Water Table (m)	--		Date measured	--	
Hole Diam. (cm)	12		Plugged (Y/N)	N	
Date plotted	09/06/1998				

CUM038

Prospect: Berber

Project: 9261
Name: CUJV
Tenement: EL2275

Depth
Gamma 0-1000 cps (corr)
Gamma 0-5000 cps (corr)
R (100-0 nominal)
SP (0-100 nominal)
eU3O8 (calc)
0-2,500 ppm
0.5 m intersections >= 100 ppm ave.



Description & Comments	Lithol.	Unit
SU: sand & soil		Q
MU: wth red & brown mott grey mudst, diss gypsum		Tnm
MU: wth red hem st grey mudst, minor yellow st @ 12m		Tnm
MU: lt grey yellow mott mudst, somewhat silty @ base		Tnm
FS: lt grey yellow mott f ox sst, tr med, str lim st on qtz grains, frags pinkish ox clay after organic mud, white bleached clay		Tn4
MU: wk bleached mudst @ base of sand		Tnm
MU: mid grey mudst		Tnm
MU: lt grey yellow mott mudst		Tnm
FS: elogs, sand seam		Tn3
MU: mid-dk grey partly organic mudst, esp @ base		Tnm
CS: mix? grey clay, organic mud, med-c-vc qtz grains		Tn2
MU: lt-mid grey wk yellow mott mudst, organic rich top & bottom		Tnm
MU: dk grey organic mudst		Tnm
MS: lt grey wk ox f-med sst		Tn1
VS: c-vc qtz sst, tr yellow lim st on qtz		Tn1
MU: lt grey yellow mott mudst, beached @ base		Tnm
VS: c-vc qtz sst, some yellow lim st on qtz		Te2
MU: lt-mid grey mudst		Tem
CS: f/u c-med sst, traces pinkish & bleached clay, some lim st clots		Te1b
LG: partly ox dk brown soft lignite, some pinkish mottling & f white beached sst		Tel
VS: poss f/u vc-c-med sst, lithic<fel<<qtz, tr lim st on qtz grains		Te1a
VS: transitional wk ox partially humic st vc pebby sst, coarser @ base		Te1a
BA: blk mudst, eoh 102m		Km

PALADIN RESOURCES N'

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	68.0	0.0	--
Probe No.	gamma 689	gamma to (m)	100.0	34.0	--
Date Logged	19/02/1998	gamma speed (m/min)	3	3	--
Operator	GJ	electric from (m)	--	--	--
Open/Closed Hole	closed	electric to (m)	--	--	--
Notes	no elogs, collapsed	electric speed (m/min)	--	--	--

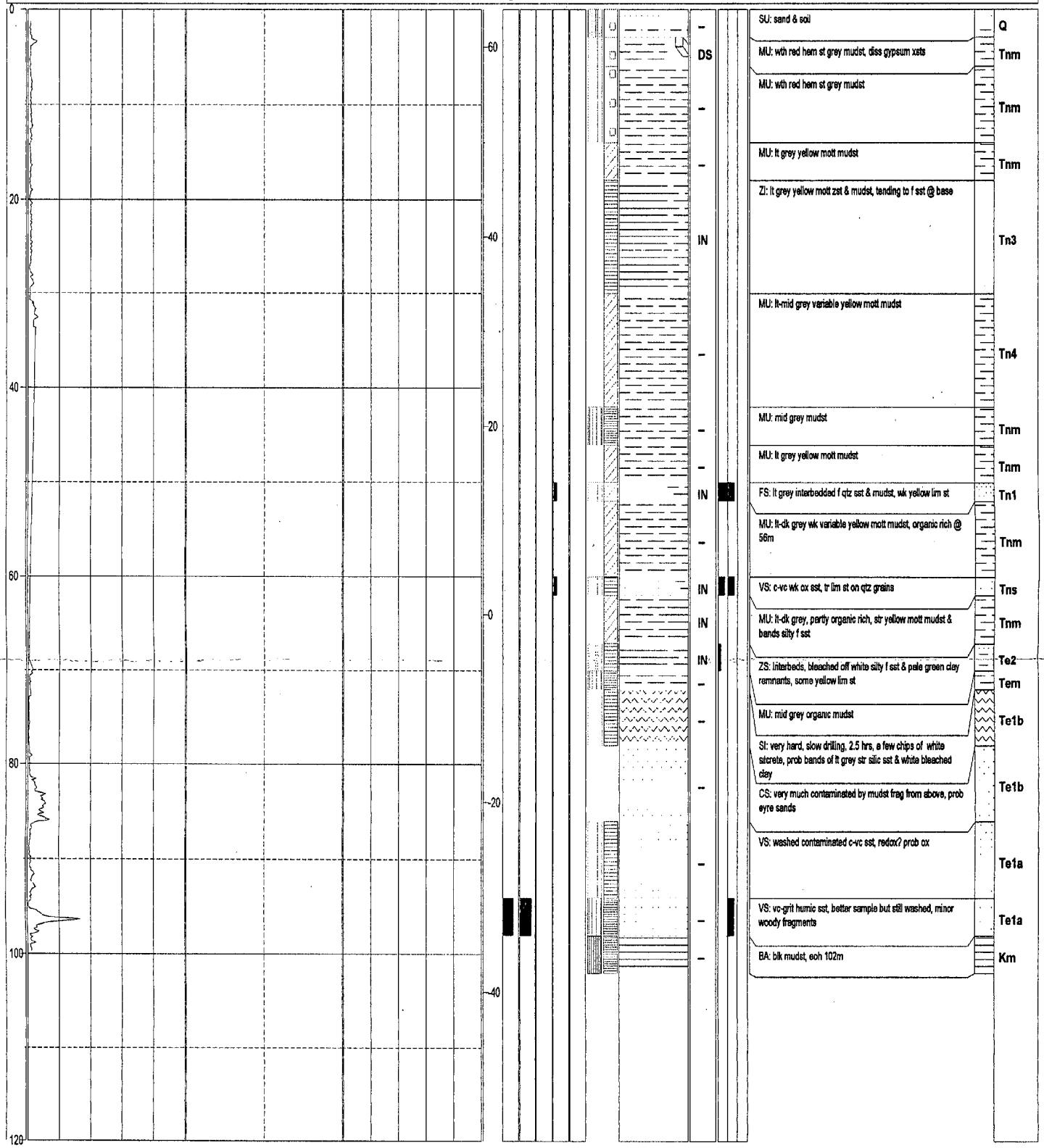
Co-ord local (m)	--	E	--	N	
Co-ord AMG	480349	E	6546037	N	
Collar Elev (m)	--	m)	64.00	ADH	
Depth (m)	102.0	Azimuth	--	Dip	90 deg
Date commenced	19/02/1998		Date completed	19/02/1998	
Geologist	JD-B		Logged date	19/02/1998	
Drilling Co.	Thompson		Method	rotary mud	
Casing from (m)	--		To	--	
Water Table (m)	--		Date measured	--	
Hole Diam. (cm)	12		Plugged (Y/N)	N	
Date plotted	09/06/1998				

CUM039

Prospect: Berber

Project: 9261
Name: CUJV
Tenement: EL2275

Depth
Gamma 0-1000 cps (corr)
Gamma 0-5000 cps (corr)
R (100-0 nominal)
SP (0-100 nominal)
eU3O8 (calc)
0-2,500 ppm
0.5 m intersections >= 100 ppm ave.



Description & Comments	Lithol.	Unit
SU: sand & soil		Q
MU: wth red hem st grey mudst, diss gypsum xsts		Tnm
MU: wth red hem st grey mudst		Tnm
MU: lt grey yellow mott mudst		Tnm
ZI: lt grey yellow mott zst & mudst, tending to f sst @ base		Tn3
MU: lt-mid grey variable yellow mott mudst		Tn4
MU: mid grey mudst		Tnm
MU: lt grey yellow mott mudst		Tnm
FS: lt grey interbedded f qtz sst & mudst, wk yellow lim st		Tn1
MU: lt-dk grey wk variable yellow mott mudst, organic rich @ 56m		Tnm
VS: c-vc wk ox sst, tr lim st on qtz grains		Tns
MU: lt-dk grey, partly organic rich, str yellow mott mudst & bands silty f sst		Tnm
ZS: interbeds, bleached off white silty f sst & pale green clay remnants, some yellow lim st		Te2
MU: mid grey organic mudst		Tem
SI: very hard, slow drilling, 2.5 hrs, a few chips of white siltrete, prob bands of lt grey str silic sst & white bleached clay		Te1b
CS: very much contaminated by mudst frag from above, prob eyre sands		Te1b
VS: washed contaminated c-vc sst, redox? prob ox		Te1a
VS: vc-grit humic sst, better sample but still washed, minor woody fragments		Te1a
BA: blk mudst, eoh 102m		Km

PALADIN RESOURCES N'

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	92.0	--
Probe No.	gamma 689	gamma to (m)	102.0	98.0	--
Date Logged	20/02/1998	gamma speed (m/min)	3	2	--
Operator	GJ	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	102.0	--	--
Notes	bad SP, R	electric speed (m/min)	8	--	--

Co-ord local (m)	--	E	--	N	
Co-ord AMG	480350	E	6546004	N	
Collar Elev (m)	--	m)	64.00	ADH	
Depth (m)	102.0	Azimuth	--	Dip	90 deg
Date commenced	20/02/1998	Date completed	20/02/1998		
Geologist	JD-B	Logged date	20/02/1998		
Drilling Co.	Thompson	Method	rotary mud		
Casing from (m)	--	To	--		
Water Table (m)	--	Date measured	--		
Hole Diam. (cm)	12	Plugged (Y/N)	N		
Date plotted	09/06/1998				

CUM040

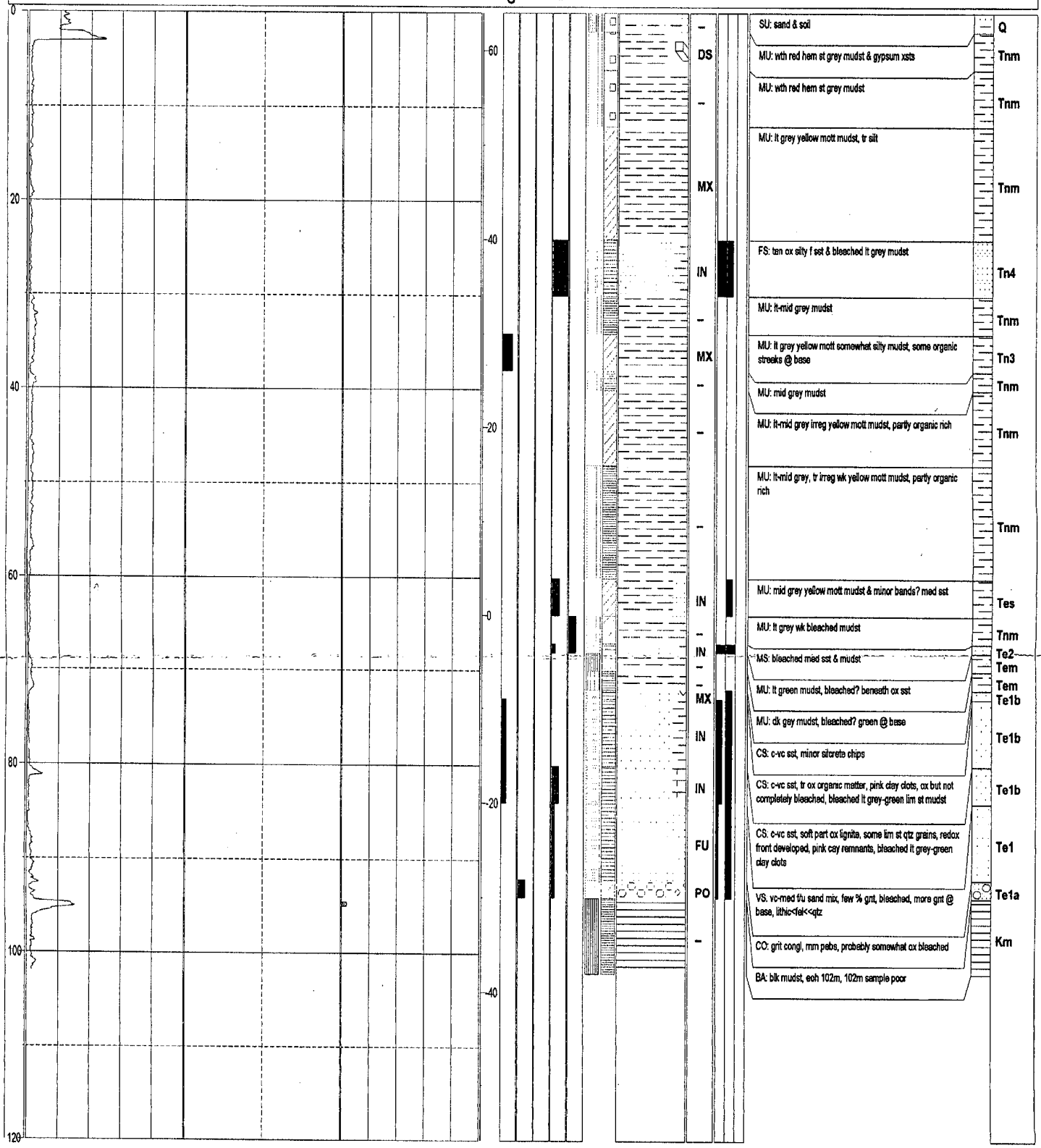
Prospect: Berber

Project: 9261

Name: CUJV

Tenement: EL2275

Depth | Gamma 0-1000 cps (corr) | Gamma 0-5000 cps (corr) | R (100-0 nominal) | SP (0-100 nominal) | eU3O8 (calc) 0-2,500 ppm (0.5 m intersections >= 100 ppm ave.) | RL (m) | Organic | Humic | Pyrite | Limon. | Carb. | Colour | Redox | Cuttings | Relator | Sorting | Rndness | Bedding | Description & Comments | Lithol. | Unit



PALADIN RESOURCES N'

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	–	–
Probe No.	gamma 689	gamma to (m)	90.0	–	–
Date Logged	20/02/1998	gamma speed (m/min)	3	–	–
Operator	GJ	electric from (m)	0.0	–	–
Open/Closed Hole	open	electric to (m)	90.0	–	–
Notes	ok SP, bad R	electric speed (m/min)	8	–	–

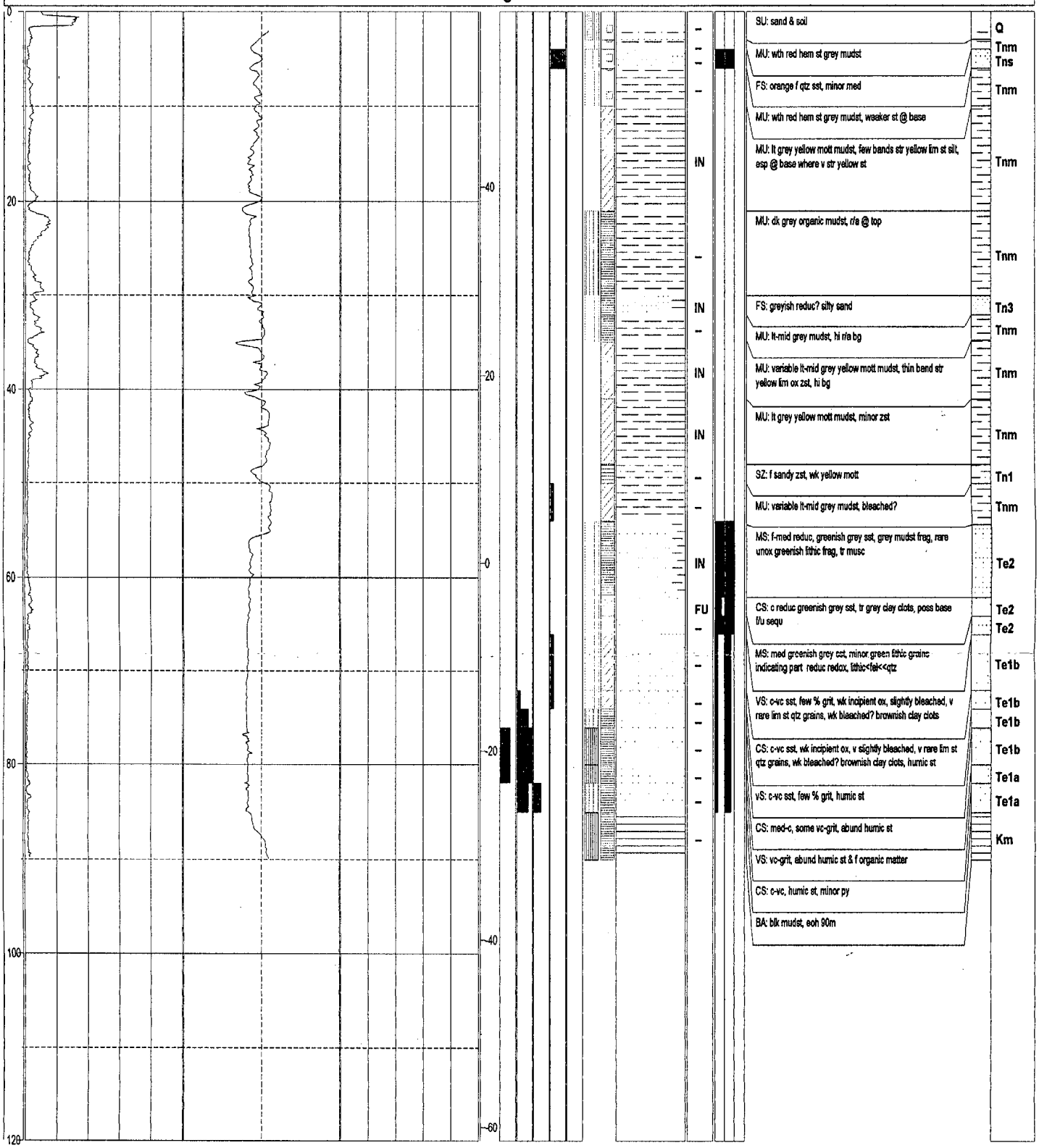
Co-ord local (m)	–	E	–	N	
Co-ord AMG	478755	E	6553594	N	
Collar Elev (m)	–		m) 58.50	ADH	
Depth (m) 90.0	Azimuth –	Dip	90 deg		
Date commenced	20/02/1998	Date completed	20/02/1998		
Geologist	JD-B	Logged date	20/02/1998		
Drilling Co.	Thompson	Method	rotary mud		
Casing from (m)	–	To	–		
Water Table (m)	–	Date measured	–		
Hole Diam. (cm)	12	Plugged (Y/N)	N		
Date plotted	09/06/1998				

CUM041

Prospect: Lake Charles

Project: 9261
Name: CUJV
Tenement: EL2275

Depth | Gamma 0-1000 cps (corr) | Gamma 0-5000 cps (corr) | R (100-0 nominal) | SP (0-100 nominal) | eU3O8 (calc) 0-2,500 ppm 0.5 m intersections >= 100 ppm ave. | RL (m) | Organic | Humic | Pyrite | Limon. | Carb. | Colour | Redox | Cuttings | Relator | Sorting | Rndness | Bedding | Description & Comments | Lithol. | Unit



PALADIN RESOURCES N'

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	--	--
Probe No.	gamma 689	gamma to (m)	90.0	--	--
Date Logged	20/02/1998	gamma speed (m/min)	3	--	--
Operator	GJ	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	90.0	--	--
Notes	bad elogs	electric speed (m/min)	8	--	--

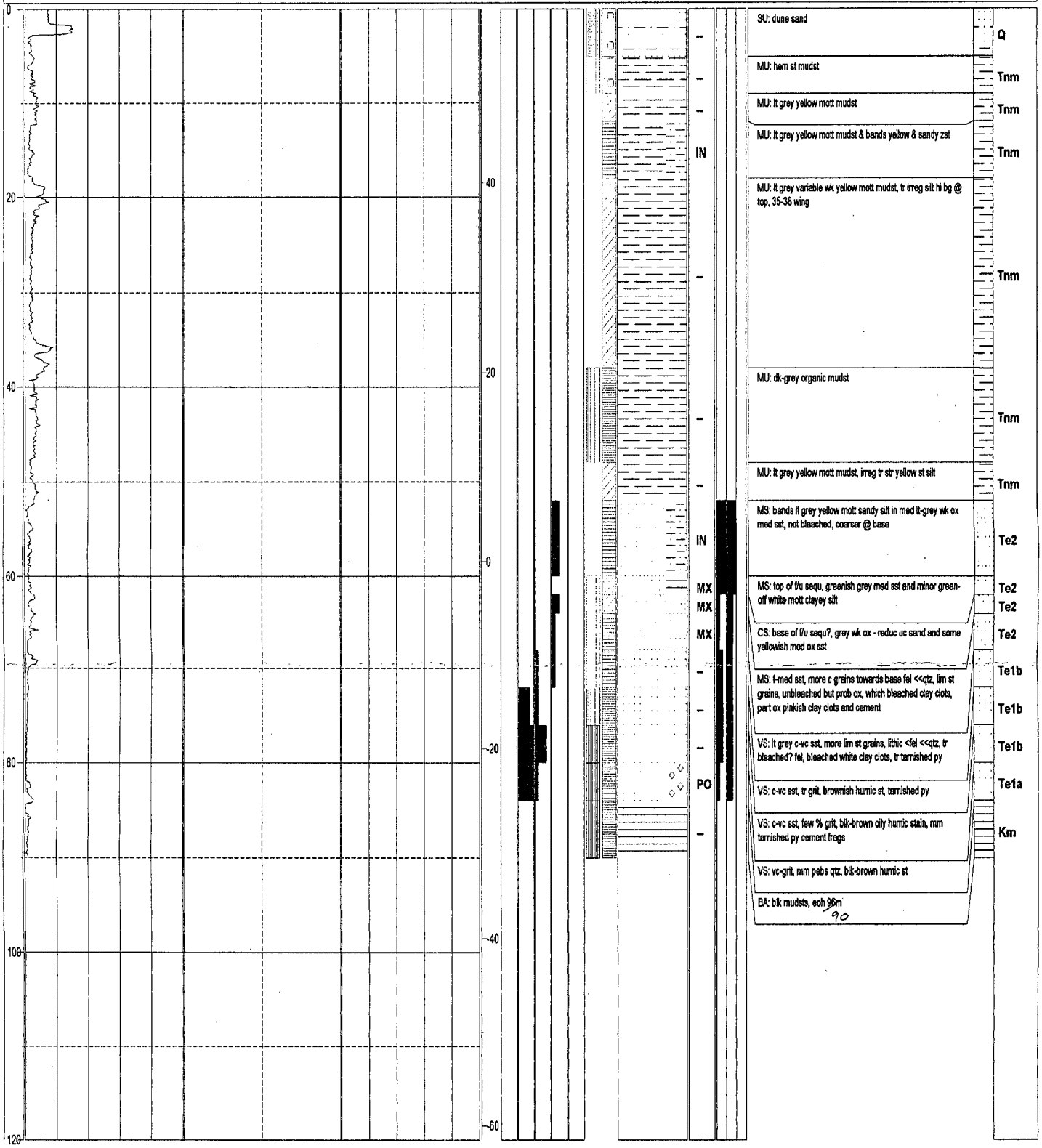
Co-ord local (m)	--		E	--	N
Co-ord AMG	478775		E	6553698	N
Collar Elev (m)	--			m) 58.50	ADH
Depth (m)	90.0	Azimuth --	Dip	90 deg	
Date commenced	20/02/1998		Date completed	20/02/1998	
Geologist	JD-B		Logged date	20/02/1998	
Drilling Co.	Thompson		Method	rotary mud	
Casing from (m)	--		To	--	
Water Table (m)	--		Date measured	--	
Hole Diam. (cm)	12		Plugged (Y/N)	N	
Date plotted	09/06/1998				

CUM042

Prospect: Lake Charles

Project: 9261
Name: CUJV
Tenement: EL2275

Depth | Gamma 0-1000 cps (corr) | Gamma 0-5000 cps (corr) | R (100-0 nominal) | SP (0-100 nominal) | eU3O8 (calc) 0-2,500 ppm 0.5 m intersections >= 100 ppm ave. | RL (m) | Organic | Humic | Pyrite | Limon. | Carb. | Colour | Redox | Cuttings | Relator | Sorting | Rndness | Bedding | Description & Comments | Lithol. | Unit



PALADIN RESOURCES N!

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	--	--
Probe No.	gamma 689	gamma to (m)	90.0	--	--
Date Logged	20/02/1998	gamma speed (m/min)	3	--	--
Operator	GJ	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	90.0	--	--
Notes	poor SP, bad R	electric speed (m/min)	8	--	--

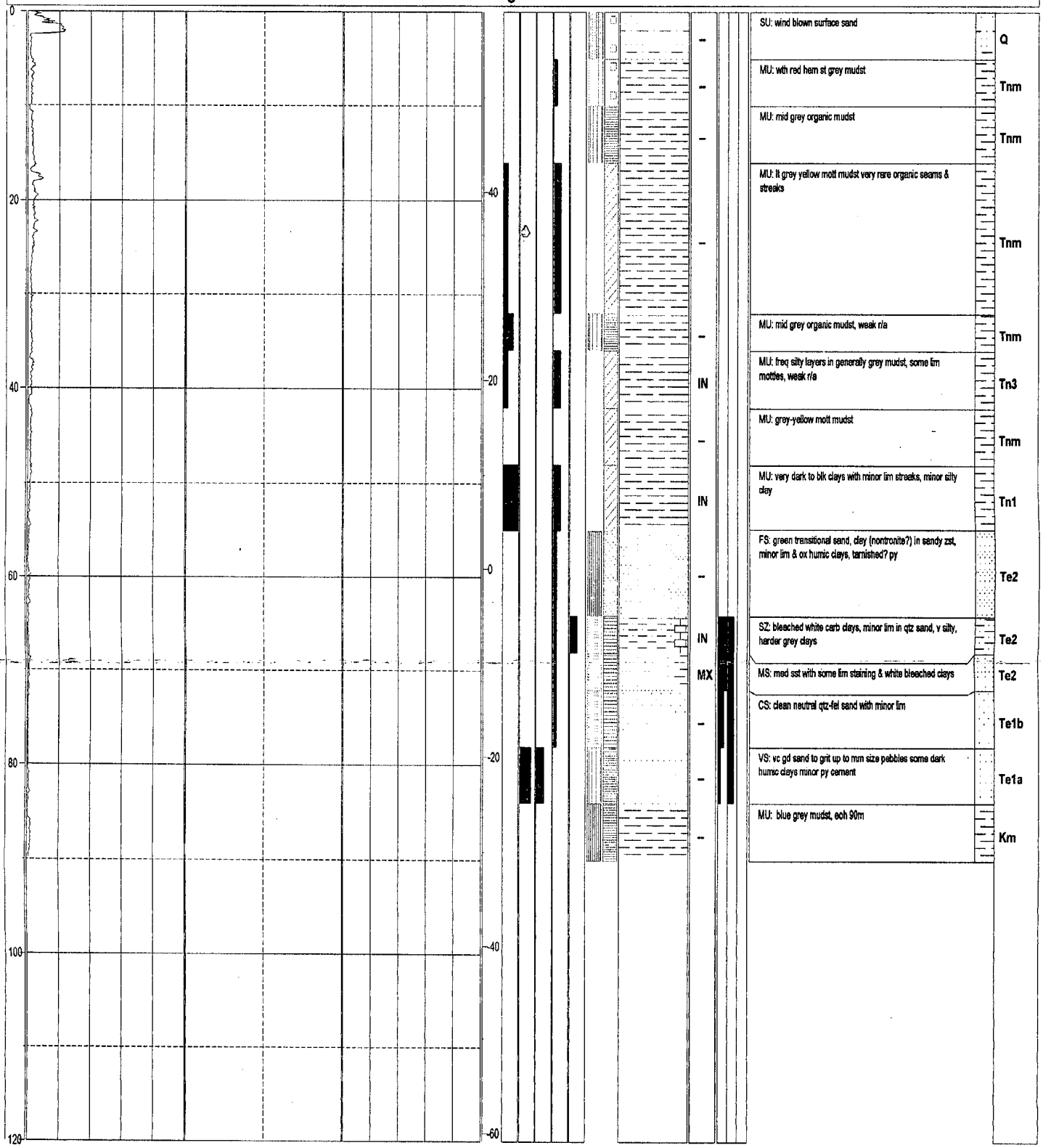
Co-ord local (m)	--		E	--	N
Co-ord AMG	478285		F	6550543	N
Collar Elev (m)	--			m) 59.10	ADH
Depth (m)	90.0	Azimuth --		Dip 90 deg	
Date commenced	20/02/1998		Date completed	20/02/1998	
Geologist	WD		Logged date	20/02/1998	
Drilling Co.	Thompson		Method	rotary mud	
Casing from (m)	--		To	--	
Water Table (m)	--		Date measured	--	
Hole Diam. (cm)	12		Plugged (Y/N)	N	
Date plotted	09/06/0998				

CUM043

Prospect: Lake Charles

Project: 9261
Name: CUJV
Tenement: EL2275

Depth
Gamma 0-1000 cps (corr)
Gamma 0-5000 cps (corr)
R (100-0 nominal)
SP (0-100 nominal)
eU3O8 (calc)
0-2,500 ppm
0.5 m intersections >= 100 ppm ave.
RL (m)
Organic
Humic
Pyrite
Limon.
Carb.
Colour
Redox
Cuttings
Relator
Sorting
Rndness
Bedding
Description & Comments
Lithol.
Unit



PALADIN RESOURCES N'

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	78.0	–
Probe No.	gamma 689	gamma to (m)	90.0	84.0	–
Date Logged	21/02/1998	gamma speed (m/min)	3	2	–
Operator	GJ	electric from (m)	0.0	–	–
Open/Closed Hole	open	electric to (m)	90.0	–	–
Notes	poor SP, bad R	electric speed (m/min)	8	–	–

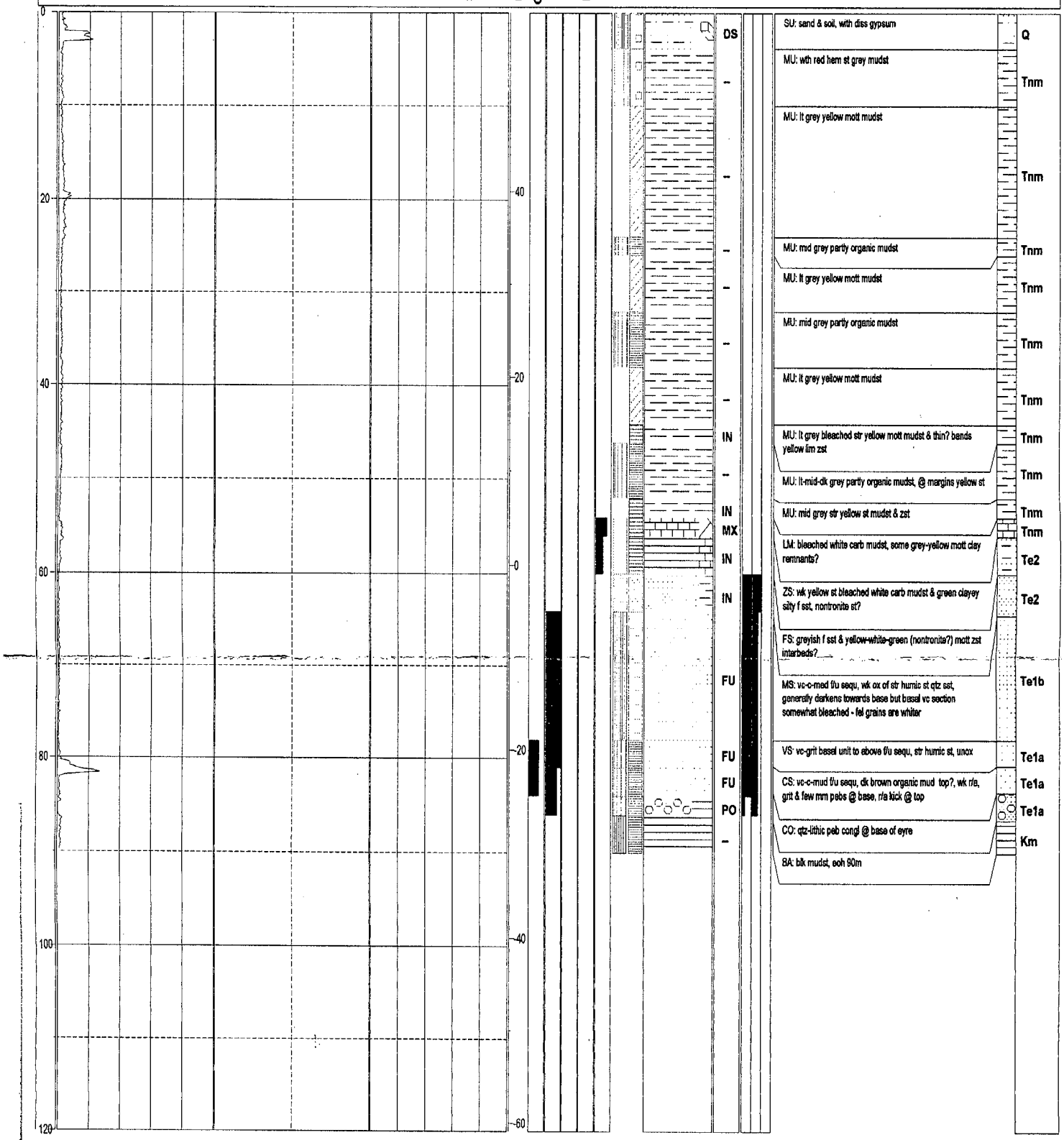
Co-ord local (m)	–		E	–	N
Co-ord AMG	478270		E	6550361	N
Collar Elev (m)	–			m) 59.10	ADH
Depth (m)	90.0	Azimuth	–	Dip	90 deg
Date commenced	21/02/1998		Date completed		21/02/1998
Geologist	JD-B		Logged date		21/02/1998
Drilling Co.	Thompson		Method		rotary mud
Casing from (m)	–		To		–
Water Table (m)	–		Date measured		–
Hole Diam. (cm)	12		Plugged (Y/N)		N
Date plotted	09/06/1998				

CUM044

Prospect: Lake Charles

Project: 9261
Name: CUJV
Tenement: EL2275

Depth
Gamma 0-1000 cps (corr)
Gamma 0-5000 cps (corr)
R (100-0 nominal)
SP (0-100 nominal)
eU3O8 (calc)
0-2,500 ppm
0.5 m intersections >= 100 ppm ave.
RL (m)
Organic
Humic
Pyrite
Limon.
Carb.
Colour
Redox
Cuttings
Relator
Sorting
Rndness
Bedding
Description & Comments
Lithol.
Unit



Description & Comments	Unit
SU: sand & soil, with diss gypsum	Q
MU: wh red hem st grey mudst	Tnm
MU: lt grey yellow mott mudst	Tnm
MU: mid grey partly organic mudst	Tnm
MU: lt grey yellow mott mudst	Tnm
MU: mid grey partly organic mudst	Tnm
MU: lt grey yellow mott mudst	Tnm
MU: lt grey bleached str yellow mott mudst & thin? bands yellow lim zst	Tnm
MU: lt-mid-dk grey partly organic mudst, @ margins yellow st	Tnm
MU: mid grey str yellow st mudst & zst	Tnm
LM: bleached white carb mudst, some grey-yellow mott clay remnants?	Te2
ZS: wk yellow st bleached white carb mudst & green clayey silty f sst, nontronite st?	Te2
FS: greyish f sst & yellow-white-green (nontronite?) mott zst interbeds?	Te1b
MS: vc-c-med f/u sequ, wk ox of str humic st qtz sst, generally darkens towards base but basal vc section somewhat bleached - fel grains are whiter	Te1a
VS: vc-grit basal unit to above f/u sequ, str humic st, unox	Te1a
CS: vc-c-mud f/u sequ, dk brown organic mud top?, wk r/a, grit & few mm pebs @ base, r/a kick @ top	Te1a
CO: qtz-lithic peb congl @ base of eyre	Km
BA: blk mudst, eoh 90m	

PALADIN RESOURCES N

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	–	–
Probe No.	gamma 689	gamma to (m)	90.0	–	–
Date Logged	21/02/1998	gamma speed (m/min)	3	–	–
Operator	GJ	electric from (m)	0.0	–	–
Open/Closed Hole	open	electric to (m)	90.0	–	–
Notes	bad elogs	electric speed (m/min)	8	–	–

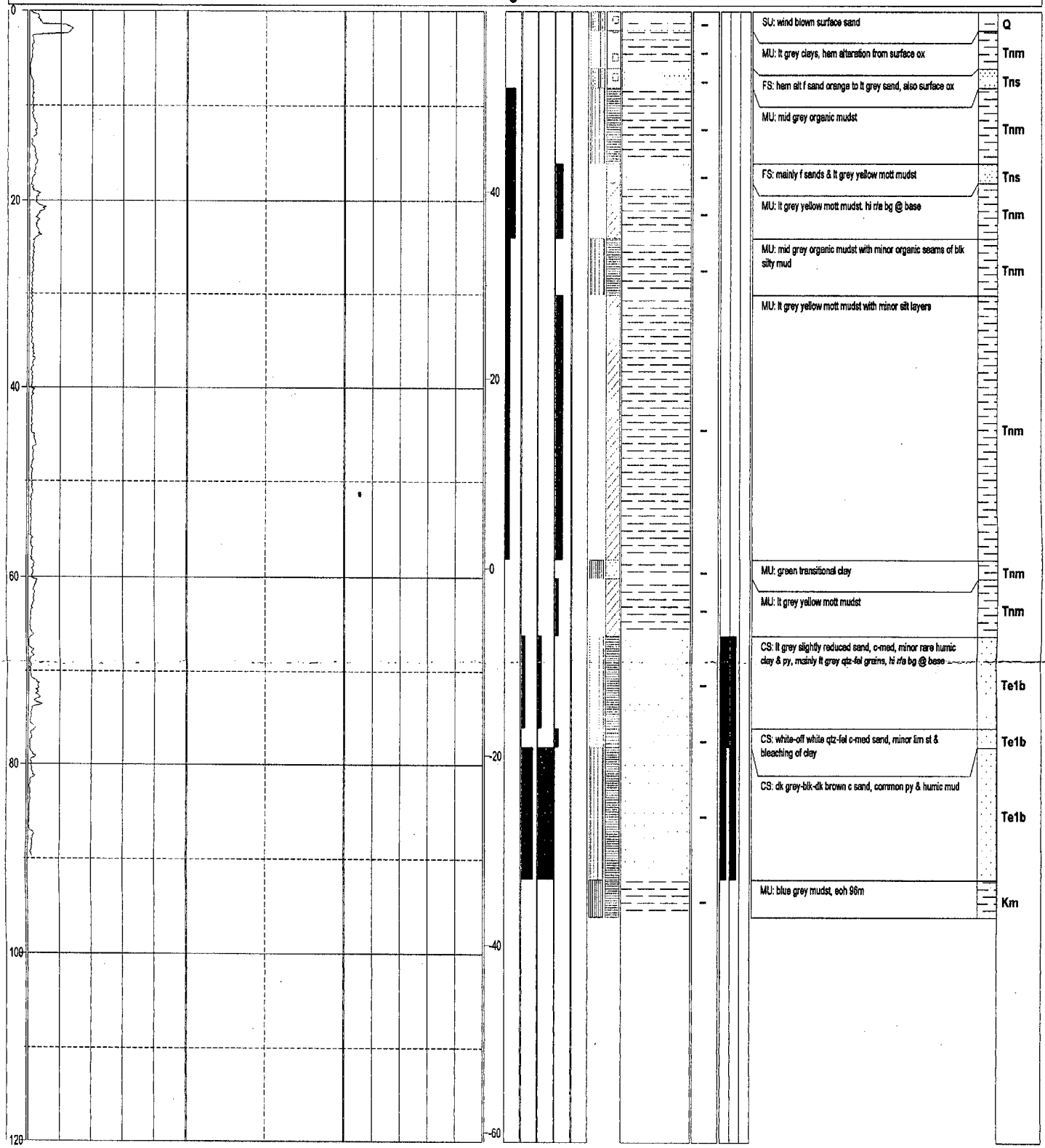
Co-ord local (m)	–		E	–	N
Co-ord AMG	478136		E	6549460	N
Collar Elev (m)	–			m) 59.00	ADH
Depth (m)	90.0	Azimuth –	Dip	90 deg	
Date commenced	21/02/1998		Date completed	21/02/1998	
Geologist	WD		Logged date	21/02/1998	
Drilling Co.	Thompson		Method	rotary mud	
Casing from (m)	–		To	–	
Water Table (m)	–		Date measured	–	
Hole Diam. (cm)	12		Plugged (Y/N)	N	
Date plotted	09/06/1998				

CUM045

Prospect: Lake Charles

Project: 9261
Name: CUJV
Tenement: EL2275

Depth | Gamma 0-1000 cps (corr) | Gamma 0-5000 cps (corr) | R (100-0 nominal) | SP (0-100 nominal) | eU3O8 (calc) 0-2,500 ppm (0.5 m intersections >= 100 ppm ave.) | RL (m) | Organic | Humic | Pyrite | Limon. | Carb. | Colour | Redox | Cuttings | Relator | Sorting | Rndness | Bedding | Description & Comments | Lithol. | Unit



Description & Comments	Unit
SU: wind blown surface sand	Q
MU: lt grey clays, hem alteration from surface ox	Tnm
FS: hem alt f sand orange to lt grey sand, also surface ox	Tns
MU: mid grey organic mudst	Tnm
FS: mainly f sands & lt grey yellow mott mudst	Tns
MU: lt grey yellow mott mudst. hi n/a bg @ base	Tnm
MU: mid grey organic mudst with minor organic seams of blk silty mud	Tnm
MU: lt grey yellow mott mudst with minor silt layers	Tnm
MU: green transitional clay	Tnm
MU: lt grey yellow mott mudst	Tnm
CS: lt grey slightly reduced sand, c-med, minor rare humic clay & py, *mainly lt grey qtz-fel grains, hi n/a bg @ base*	Te1b
CS: white-off white qtz-fel c-med sand, minor lim st & bleaching of clay	Te1b
CS: dk grey-blk-dk brown c sand, common py & humic mud	Te1b
MU: blue grey mudst, eoh 98m	Km

PALADIN RESOURCES N

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	60.0	0.0	–
Probe No.	gamma 689	gamma to (m)	89.0	92.0	–
Date Logged	21/02/1998	gamma speed (m/min)	3	3	–
Operator	GJ	electric from (m)	0.0	–	–
Open/Closed Hole	open	electric to (m)	92.0	–	–
Notes	bad elogs	electric speed (m/min)	8	–	–

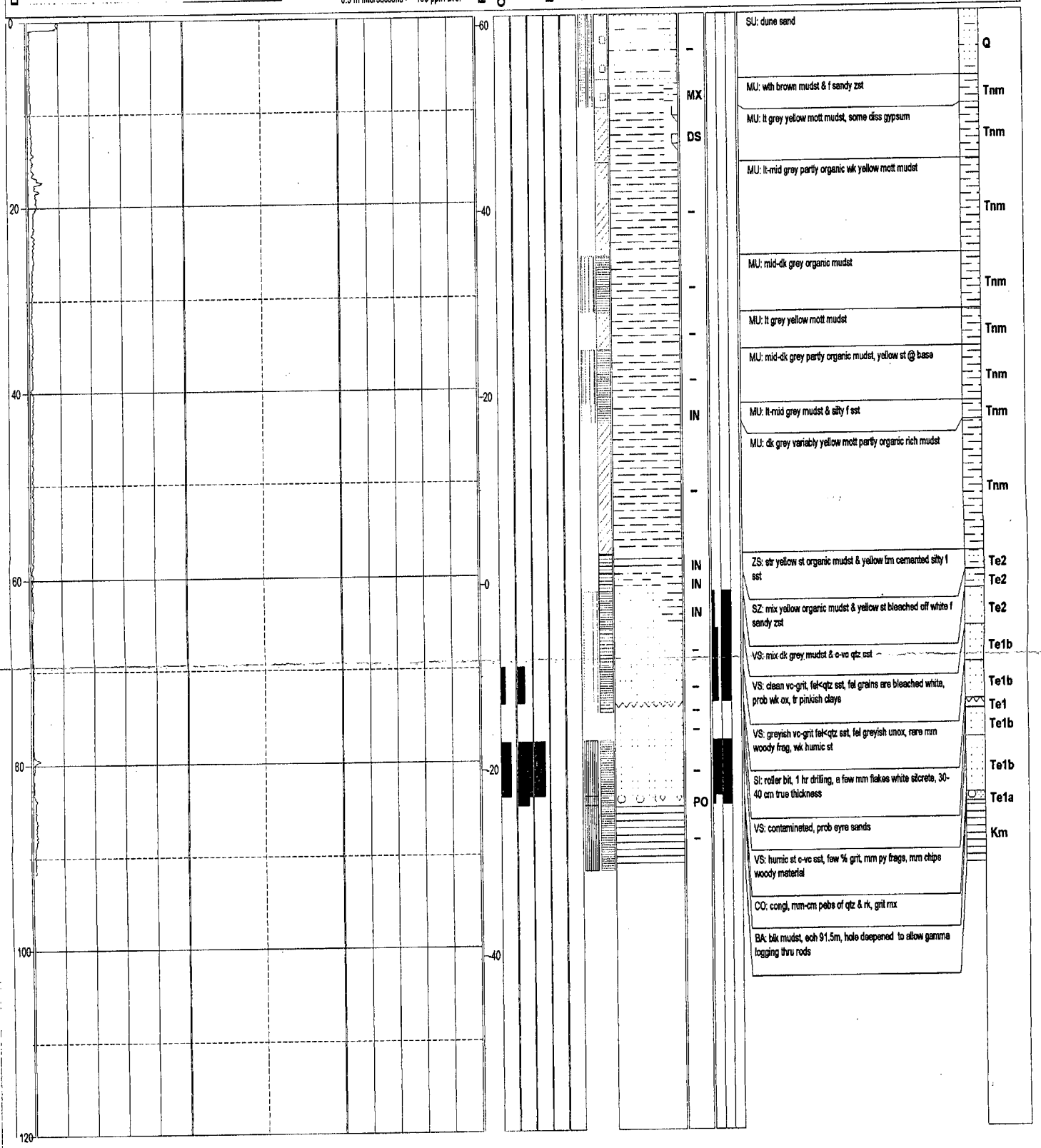
Co-ord local (m)	–	E	–	N
Co-ord AMG	476870	E	6550879	N
Collar Elev (m)	–		m) 61.00	ADH
Depth (m) 92.0	Azimuth –	Dip	90 deg	
Date commenced	21/02/1998	Date completed	21/02/1998	
Geologist	JD-B	Logged date	21/02/1998	
Drilling Co.	Thompson	Method	rotary mud	
Casing from (m)	–	To	–	
Water Table (m)	–	Date measured	–	
Hole Diam. (cm)	12	Plugged (Y/N)	N	
Date plotted	09/06/1998			

CUM046

Prospect: Lake Charles

Project: 9261
Name: CUJV
Tenement: EL2275

Depth
Gamma 0-1000 cps (corr)
Gamma 0-5000 cps (corr)
R (100-0 nominal)
SP (0-100 nominal)
eU3O8 (calc)
0-2,500 ppm
0.5 m intersections >= 100 ppm ave.
RL (m)
Organic
Humic
Pyrite
Limon.
Carb.
Colour
Redox
Cuttings
Relator
Sorting
Rndness
Bedding
Description & Comments
Lithol.
Unit



PALADIN RESOURCES N'

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	–	–
Probe No.	gamma 689	gamma to (m)	90.0	–	–
Date Logged	22/02/1998	gamma speed (m/min)	3	–	–
Operator	GJ	electric from (m)	60.0	0.0	–
Open/Closed Hole	open	electric to (m)	90.0	90.0	–
Notes	bad SP, R	electric speed (m/min)	8	8	–

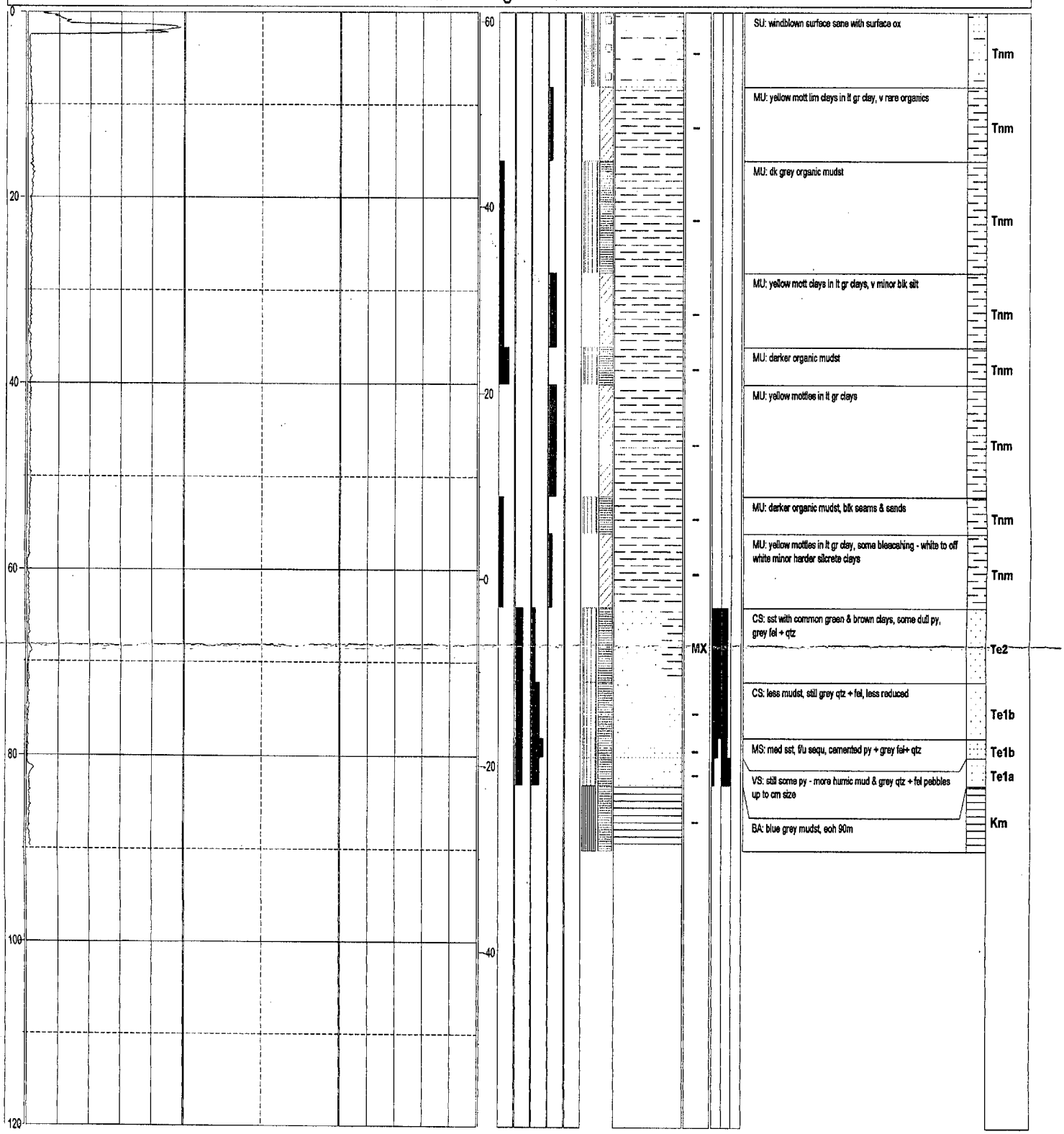
Co-ord local (m)	–		E	–	N
Co-ord AMG	476620		E	6551876	N
Collar Elev (m)	–			m) 61.00	ADH
Depth (m)	90.0	Azimuth –		Dip 90 deg	
Date commenced	22/02/1998		Date completed	22/02/1998	
Geologist	WD		Logged date	22/02/1998	
Drilling Co.	Thompson		Method	rotary mud	
Casing from (m)	–		To	–	
Water Table (m)	–		Date measured	–	
Hole Diam. (cm)	12		Plugged (Y/N)	N	
Date plotted	10/06/1998				

CUM047

Prospect: Lake Charles

Project: 9261
Name: CUJV
Tenement: EL2275

Depth: Gamma 0-1000 cps (corr) / Gamma 0-5000 cps (corr)
R (100-0 nominal) / SP (0-100 nominal)
eU3O8 (calc) 0-2,500 ppm
0.5 m intersections >= 100 ppm ave.



Description & Comments	Lithol.	Unit
SU: windblown surface sene with surface ox		Tnm
MU: yellow mott lim clays in lt gr clay, v rare organics		Tnm
MU: dk grey organic mudst		Tnm
MU: yellow mott clays in lt gr clays, v minor blk silt		Tnm
MU: darker organic mudst		Tnm
MU: yellow mottles in lt gr clays		Tnm
MU: darker organic mudst, blk seams & sands		Tnm
MU: yellow mottles in lt gr clay, some bleaching - white to off white minor harder silcrete clays		Tnm
CS: sst with common green & brown clays, some dull py, grey fel + qtz		Te2
CS: less mudst, still grey qtz + fel, less reduced		Te1b
MS: med sst, f/u sequ, cemented py + grey fel+ qtz		Te1b
VS: still some py - more humic mud & grey qtz + fel pebbles up to cm size		Te1a
BA: blue grey mudst, eoh 90m		Km

PALADIN RESOURCES N'

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	–	–
Probe No.	gamma 689	gamma to (m)	102.0	–	–
Date Logged	22/02/1998	gamma speed (m/min)	3	–	–
Operator	WD	electric from (m)	0.0	–	–
Open/Closed Hole	open	electric to (m)	102.0	–	–
Notes	bad SP, poor R	electric speed (m/min)	8	–	–

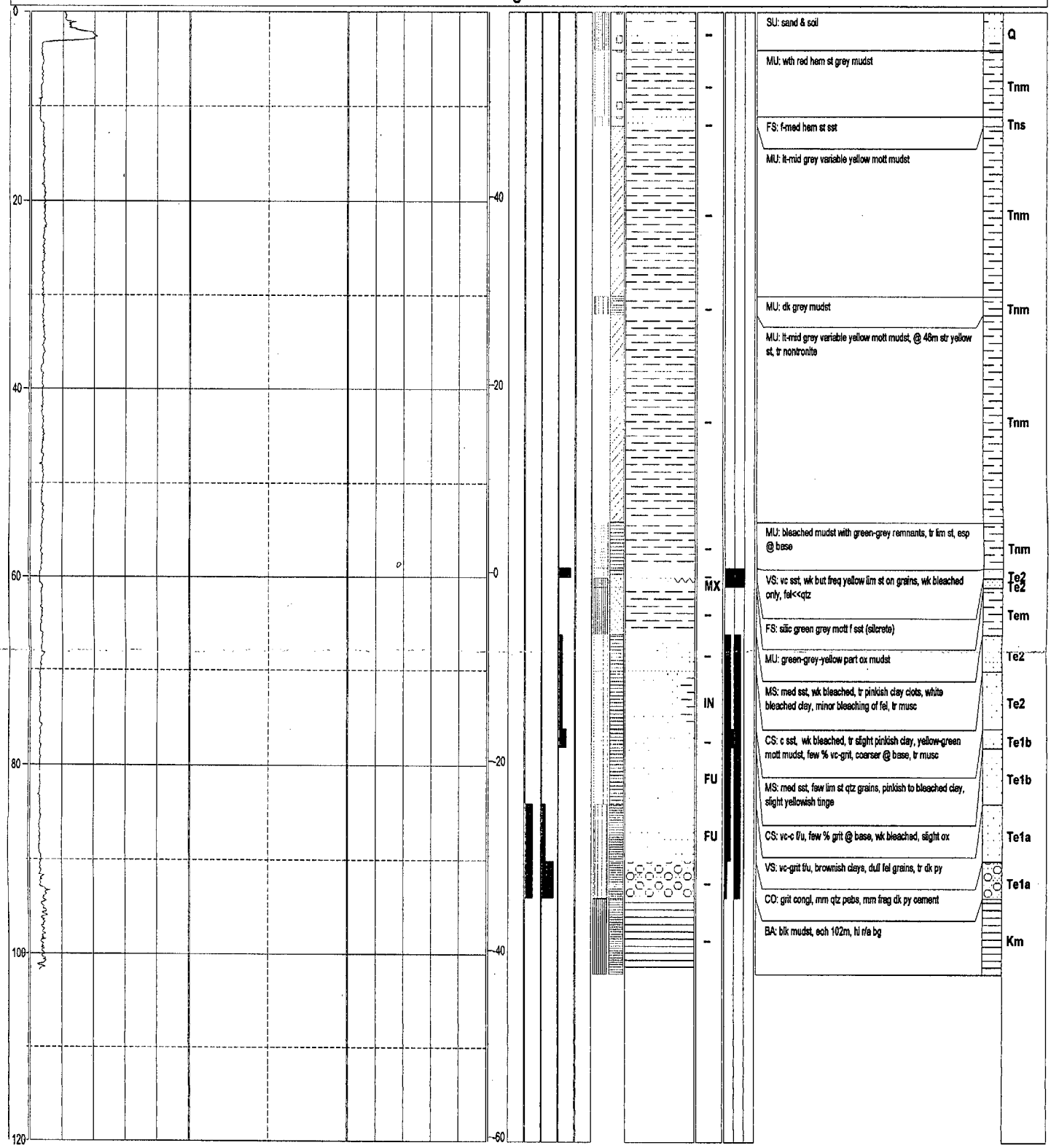
Co-ord local (m)	–		E	–	N
Co-ord AMG	480945		F	6551747	N
Collar Elev (m)	–			m) 59.50	ADH
Depth (m)	102.0	Azimuth –	Dip	90 deg	
Date commenced	22/02/1998		Date completed	22/02/1998	
Geologist	JD-B		Logged date	22/02/1998	
Drilling Co.	Thompson		Method	rotary mud	
Casing from (m)	--		To	–	
Water Table (m)	--		Date measured	–	
Hole Diam. (cm)	12		Plugged (Y/N)	N	
Date plotted	09/06/1998				

CUM048

Prospect: Lake Charles

Project: 9261
Name: CUJV
Tenement: EL2275

Depth
Gamma 0-1000 cps (corr)
Gamma 0-5000 cps (corr)
R (100-0 nominal)
SP (0-100 nominal)
eU3O8 (calc)
0-2,500 ppm
0.5 m intersections >= 100 ppm ave.
RL (m)
Organic
Humic
Pyrite
Limon.
Carb.
Colour
Redox
Cuttings
Relator
Sorting
Rndness
Bedding
Description & Comments
Lithol.
Unit



SU: sand & soil — Q

MU: wth red hem st grey mudst — Tnm

FS: f-med hem st sst — Tns

MU: lt-mid grey variable yellow mott mudst — Tnm

MU: dk grey mudst — Tnm

MU: lt-mid grey variable yellow mott mudst, @ 48m str yellow st, tr nontronite — Tnm

MU: bleached mudst with green-grey remnants, tr lim st, esp @ base — Tnm

VS: vc sst, wk but freq yellow lim st on grains, wk bleached only, fel<<qtz — Te2

FS: silic green grey mott f sst (silcrete) — Tem

MU: green-grey-yellow part ox mudst — Te2

MS: med sst, wk bleached, tr pinkish clay clots, white bleached clay, minor bleaching of fel, tr musc — Te2

CS: c sst, wk bleached, tr slight pinkish clay, yellow-green mott mudst, few % vc-grit, coarser @ base, tr musc — Te1b

MS: med sst, few lim st qtz grains, pinkish to bleached clay, slight yellowish tinge — Te1b

CS: vc-c f/u, few % grit @ base, wk bleached, slight ox — Te1a

VS: vc-grit f/u, brownish clays, dull fel grains, tr dk py — Te1a

CO: grit congl, mm qtz pebs, mm frag dk py cement

BA: blk mudst, ech 102m, hi r/a bg — Km

PALADIN RESOURCES N'

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	–	–
Probe No.	gamma 689	gamma to (m)	96.0	–	–
Date Logged	22/02/1998	gamma speed (m/min)	3	–	–
Operator	GJ	electric from (m)	0.0	–	–
Open/Closed Hole	open	electric to (m)	96.0	–	–
Notes	bad SP, R	electric speed (m/min)	8	–	–

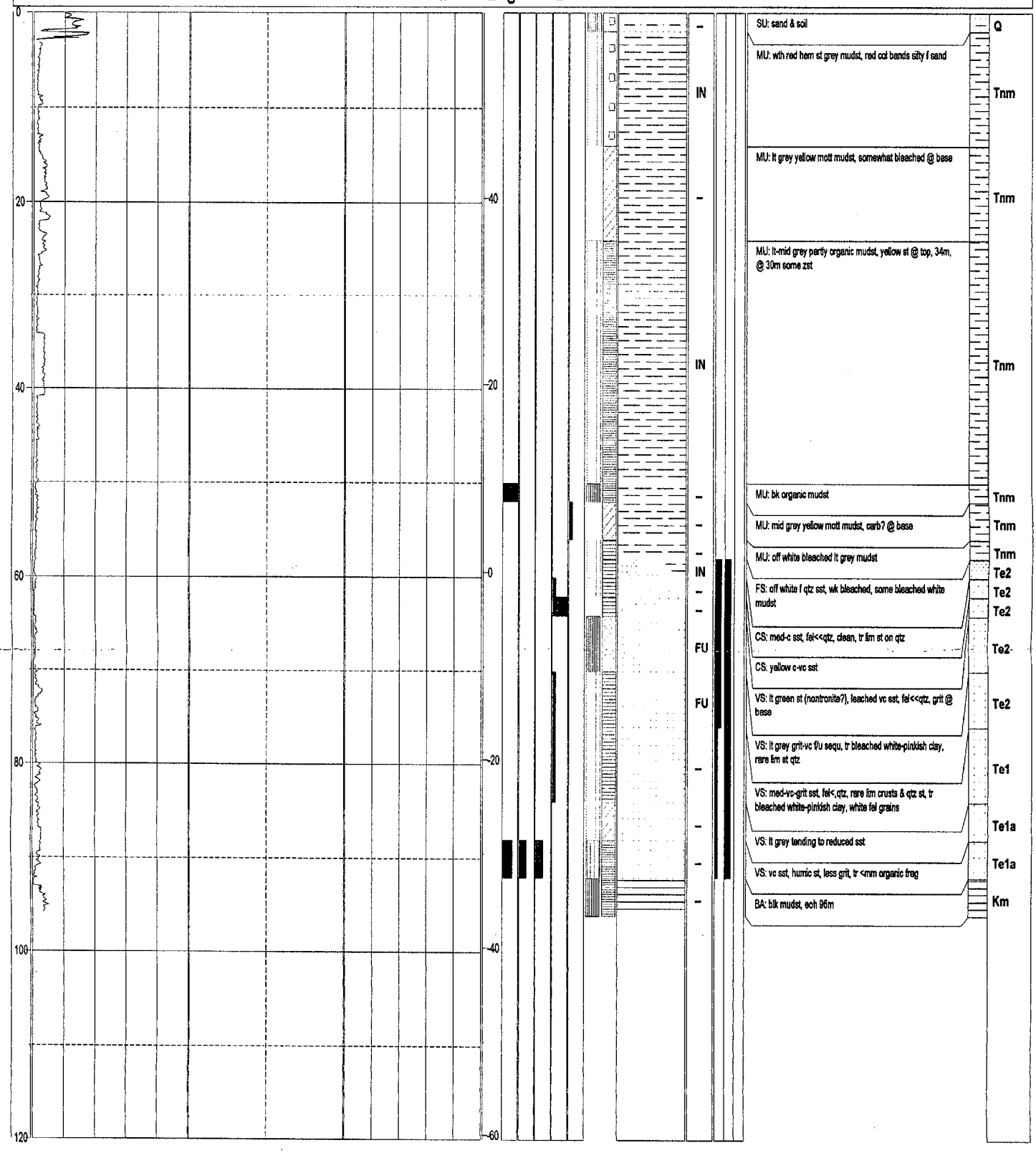
Co-ord local (m)	–	E	–	N	
Co-ord AMG	481938	E	6551782	N	
Collar Elev (m)	–		m) 59.50	ADH	
Depth (m) 96.0	Azimuth –	Dip	90 deg		
Date commenced	22/02/1998	Date completed	22/02/1998		
Geologist	JD-B	Logged date	22/02/1998		
Drilling Co.	Thompson	Method	rotary mud		
Casing from (m)	–	To	–		
Water Table (m)	–	Date measured	–		
Hole Diam. (cm)	12	Plugged (Y/N)	N		
Date plotted	09/06/1998				

CUM049

Prospect: Lake Charles

Project: 9261
Name: CUJV
Tenement: EL2275

Depth
Gamma 0-1000 cps (corr)
Gamma 0-5000 cps (corr)
R (100-0 nominal)
SP (0-100 nominal)
eU3O8 (calc)
0-2,500 ppm
0.5 m intersections >= 100 ppm ave.



PALADIN RESOURCES N'

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	90.0	–
Probe No.	gamma 689	gamma to (m)	102.0	98.0	–
Date Logged	23/02/1998	gamma speed (m/min)	3	2	–
Operator	GJ	electric from (m)	0.0	–	–
Open/Closed Hole	open	electric to (m)	102.0	–	–
Notes	ok SP, poor R	electric speed (m/min)	8	–	–

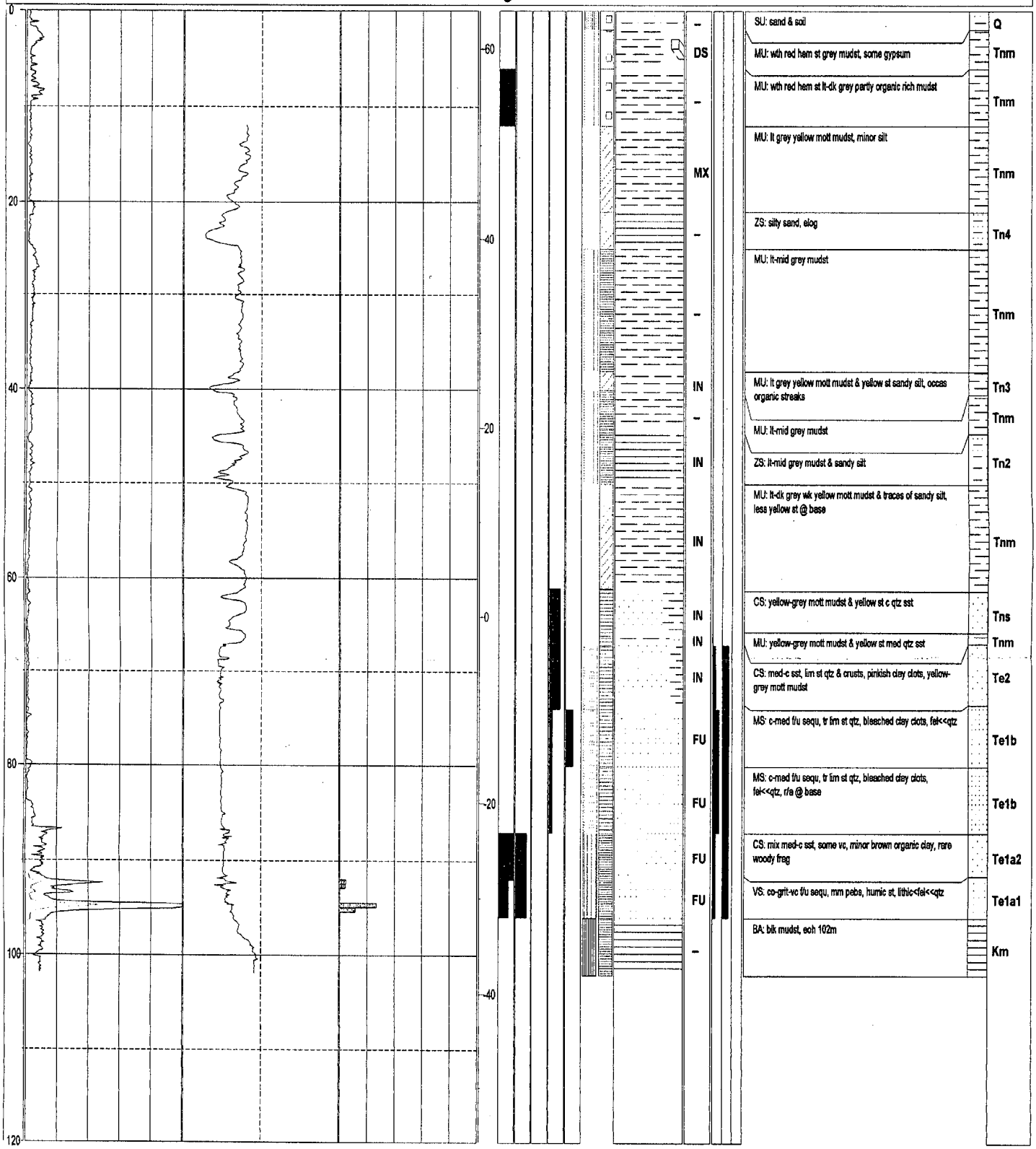
Co-ord local (m)	–		E	–	N
Co-ord AMG	480457		E	6546094	N
Collar Elev (m)	–			m) 64.00	AOH
Depth (m)	102.0	Azimuth –		Dip 90 deg	
Date commenced	23/02/1998		Date completed	23/02/1998	
Geologist	JD-B		Logged date	23/02/1998	
Drilling Co.	Thompson		Method	rotary mud	
Casing from (m)	–		To	–	
Water Table (m)	–		Date measured	–	
Hole Diam. (cm)	12		Plugged (Y/N)	N	
Date plotted	09/06/1998				

CUM050

Prospect: Berber

Project: 9261
Name: CUJV
Tenement: EL2275

Depth
Gamma 0-1000 cps (corr)
Gamma 0-5000 cps (corr)
R (100-0 nominal)
SP (0-100 nominal)
eU3O8 (calc)
0-2,500 ppm
0.5 m intersections >= 100 ppm eve.
RL (m)
Organic
Humic
Pyrite
Limon.
Carb.
Colour
Redox
Cuttings
Relator
Sorting
Rndness
Bedding
Description & Comments
Lithol.
Unit



PALADIN RESOURCES NI

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	90.0	--
Probe No.	gamma 689	gamma to (m)	102.0	100.0	--
Date Logged	23/02/1998	gamma speed (m/min)	3	2	--
Operator	GJ	electric from (m)	0.0	0.0	--
Open/Closed Hole	open	electric to (m)	102.0	102.0	--
Notes	ok SP, bad R	electric speed (m/min)	8	8	--

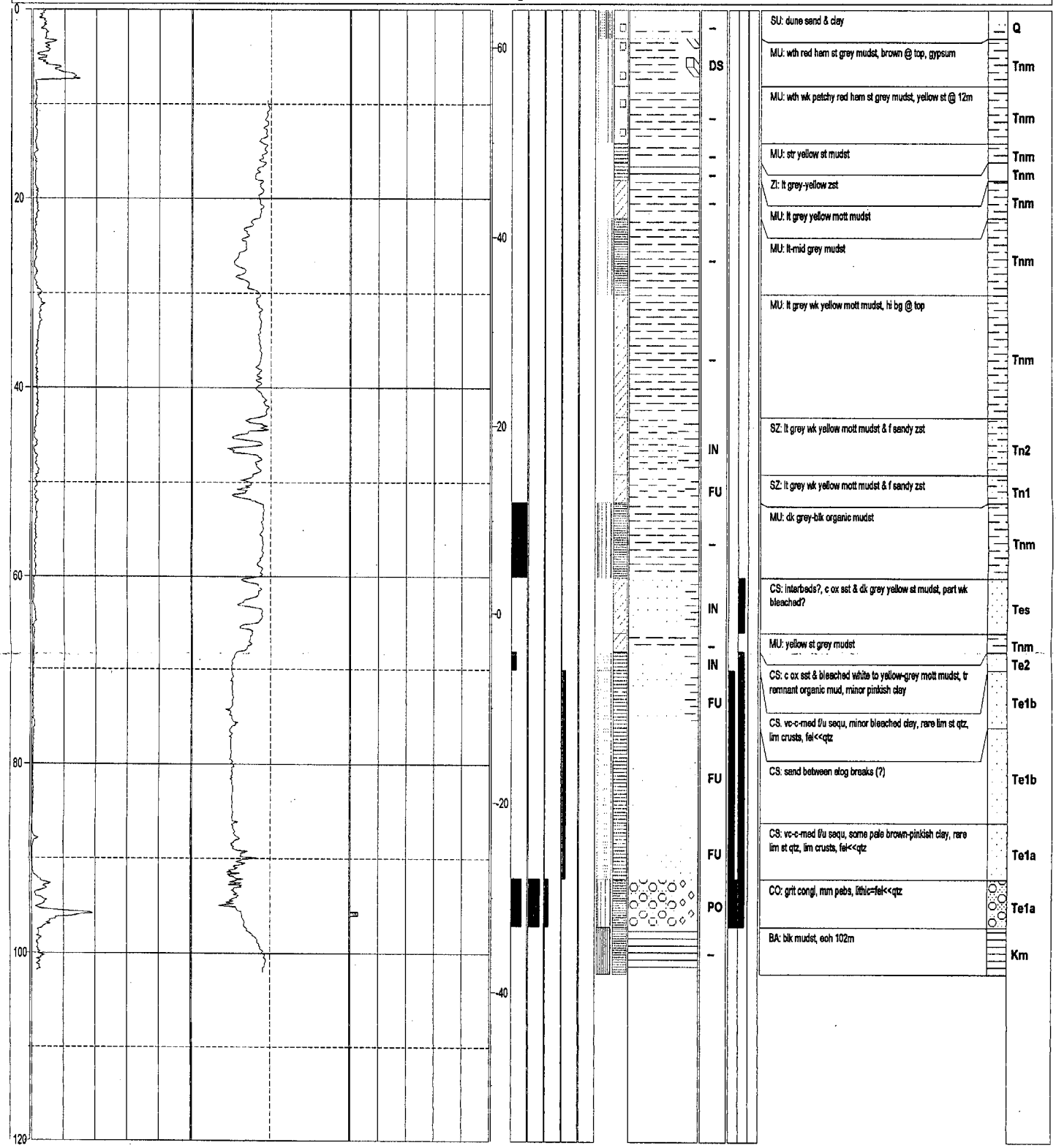
Co-ord local (m)	--	E	--	N	
Co-ord AMG	480462	E	6545968	N	
Collar Elev (m)	--	m)	64.00	ADH	
Depth (m)	102.0	Azimuth	--	Dip	90 deg
Date commenced	23/02/1998	Date completed	23/02/1998		
Geologist	JD-B	Logged date	23/02/1998		
Drilling Co.	Thompson	Method	rotary mud		
Casing from (m)	--	To	--		
Water Table (m)	--	Date measured	--		
Hole Diam. (cm)	12	Plugged (Y/N)	N		
Date plotted	09/06/1998				

CUM051

Prospect: Berber

Project: 9261
Name: CUJV
Tenement: EL2275

Depth | Gamma 0-1000 cps (corr) | Gamma 0-5000 cps (corr) | R (100-0 nominal) | SP (0-100 nominal) | eU3O8 (calc) 0-2,500 ppm 0.5 m intersections >= 100 ppm ave. | RL (m) | Organic | Humic | Pyrite | Limon. | Carb. | Colour | Redox | Cuttings | Relator | Sorting | Rndness | Bedding | Description & Comments | Lithol. | Unit



Description & Comments	Unit
SU: dune sand & clay	Q
MU: wth red hem st grey mudst, brown @ top, gypsum	Tnm
MU: wth wk patchy red hem st grey mudst, yellow st @ 12m	Tnm
MU: str yellow st mudst	Tnm
	Tnm
ZI: lt grey-yellow zst	Tnm
MU: lt grey yellow mott mudst	
MU: lt-mid grey mudst	Tnm
MU: lt grey wk yellow mott mudst, hi bg @ top	Tnm
SZ: lt grey wk yellow mott mudst & f sandy zst	Tn2
SZ: lt grey wk yellow mott mudst & f sandy zst	Tn1
MU: dk grey-blk organic mudst	Tnm
CS: interbeds?, c ox sst & dk grey yellow st mudst, part wk bleached?	Tes
MU: yellow st grey mudst	Tnm
CS: c ox sst & bleached white to yellow-grey mott mudst, tr remnant organic mud, minor pinkish clay	Te2
CS: vc-c-med f/u sequ, minor bleached clay, rare lim st qtz, lim crusts, fel<<qtz	Te1b
CS: sand between slog breaks (?)	Te1b
CS: vc-c-med f/u sequ, some pale brown-pinkish clay, rare lim st qtz, lim crusts, fel<<qtz	Te1a
CO: grit congl, mm pebs, lithic=fel<<qtz	Te1a
BA: blk mudst, ech 102m	Km

PALADIN RESOURCES NI

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	--	--
Probe No.	gamma 689	gamma to (m)	102.0	--	--
Date Logged	23/02/1998	gamma speed (m/min)	3	--	--
Operator	GJ	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	102.0	--	--
Notes	good SP, poor R	electric speed (m/min)	8	--	--

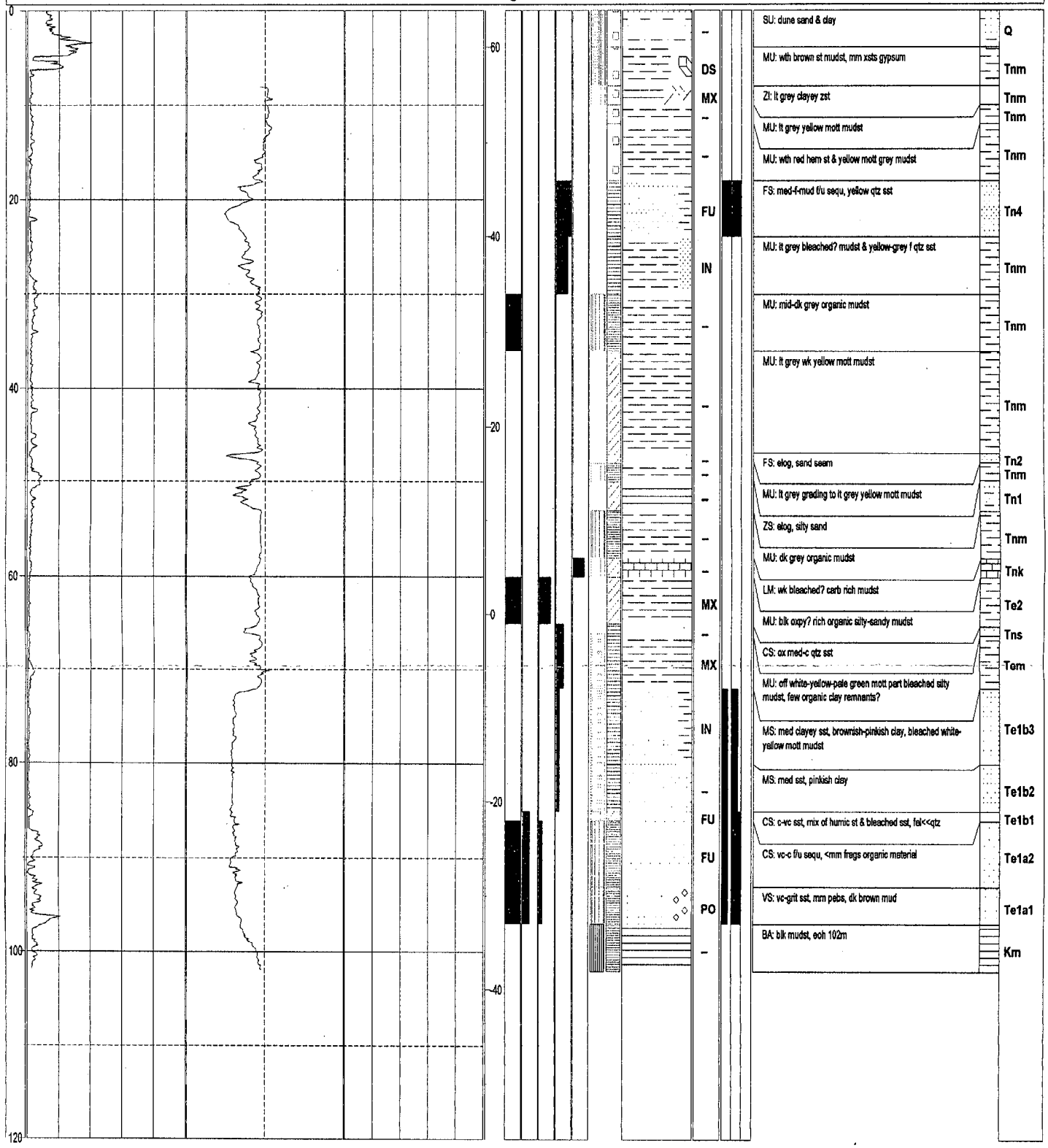
Co-ord local (m)	--		E	--	N
Co-ord AMG	480452		E	6545999	N
Collar Elev (m)	--		[illegible]	64.00	ADH
Depth (m)	102.0	Azimuth --	Dip	90 deg	
Date commenced	23/02/1998		Date completed	23/02/1998	
Geologist	JD-B		Logged date	23/02/1998	
Drilling Co.	Thompson		Method	rotary mud	
Casing from (m)	--		To	--	
Water Table (m)	--		Date measured	--	
Hole Diam. (cm)	12		Plugged (Y/N)	N	
Date plotted	10/06/1998				

CUM052

Prospect: Berber

Project: 9261
Name: CUJV
Tenement: EL2275

Depth
Gamma 0-1000 cps (corr)
Gamma 0-5000 cps (corr)
R (100-0 nominal)
SP (0-100 nominal)
eU3O8 (calc)
0-2,500 ppm
0.5 m intersections >= 100 ppm ave.



PALADIN RESOURCES N'

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	88.0	--
Probe No.	gamma 689	gamma to (m)	102.0	100.0	--
Date Logged	24/02/1998	gamma speed (m/min)	3	2	--
Operator	GJ	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	102.0	--	--
Notes	good SP, poor R	electric speed (m/min)	8	--	--

Co-ord local (m)	--	E	--	N	
Co-ord AMG	480457	E	6545980	N	
Collar Elev (m)	--	m)	64.00	ADH	
Depth (m)	102.0	Azimuth	--	Dip	90 deg
Date commenced	24/02/1998	Date completed	24/02/1998		
Geologist	JD-B	Logged date	24/02/1998		
Drilling Co.	Thompson	Method	rotary mud		
Casing from (m)	--	To	--		
Water Table (m)	--	Date measured	--		
Hole Diam. (cm)	12	Plugged (Y/N)	N		
Date plotted	10/08/1998				

CUM053

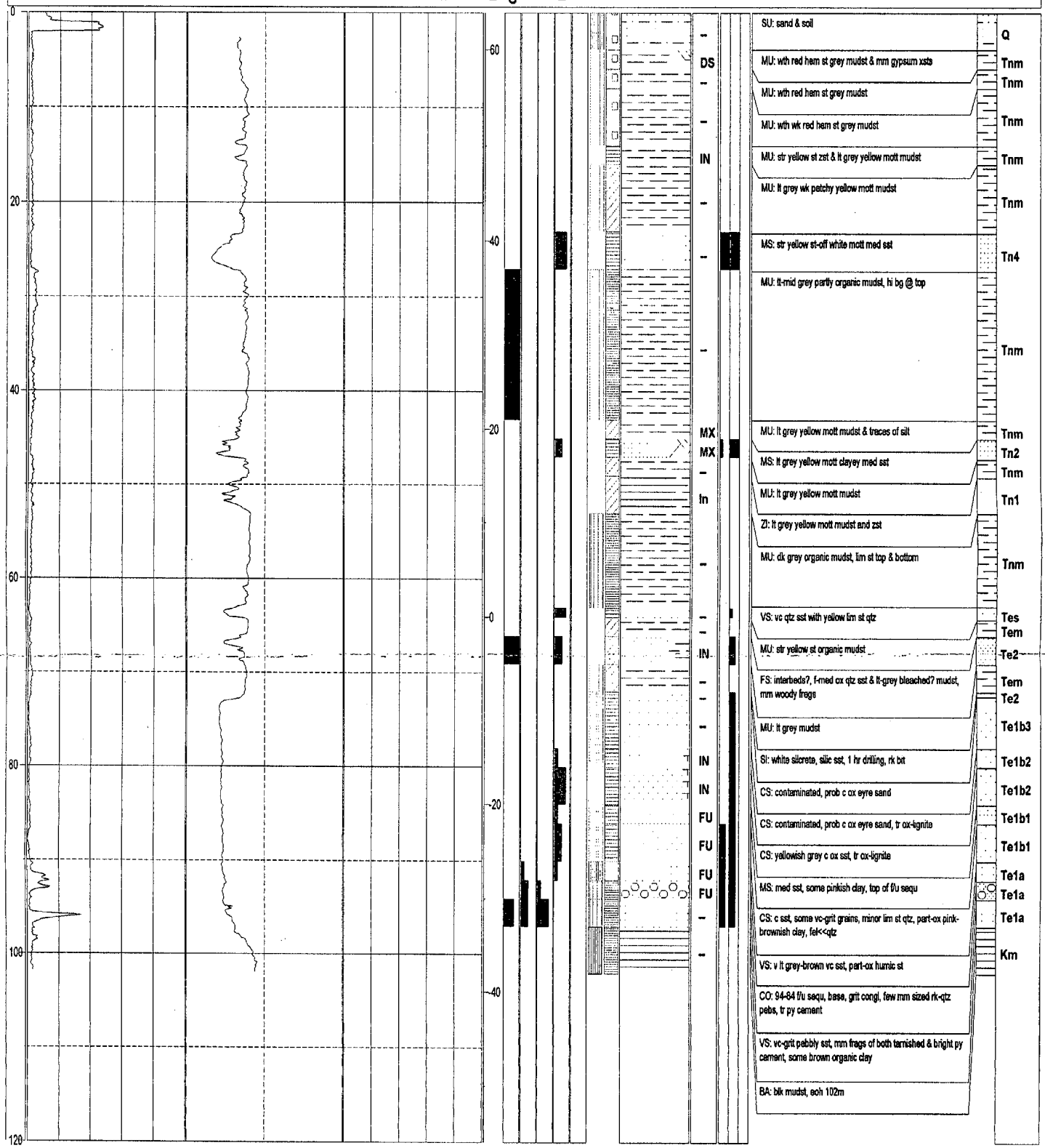
Prospect: Berber

Project: 9261

Name: CUJV

Tenement: EL2275

Depth | Gamma 0-1000 cps (corr) | Gamma 0-5000 cps (corr) | R (100-0 nominal) | SP (0-100 nominal) | eU3O8 (calc) 0-2,500 ppm (0.5 m intersections >= 100 ppm ave.) | RL (m) | Organic | Humic | Pyrite | Limon. | Carb. | Colour | Redox | Cuttings | Relator | Sorting | Rndness | Bedding | Description & Comments | Lithol. | Unit



PALADIN RESOURCES N!

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	88.0	0.0
Probe No.	gamma 689	gamma to (m)	102.0	96.0	18.0
Date Logged	24/02/1998	gamma speed (m/min)	3	2	2
Operator	GJ	electric from (m)	0.0	–	–
Open/Closed Hole	open	electric to (m)	102.0	–	–
Notes	good SP, bad R	electric speed (m/min)	8	–	–

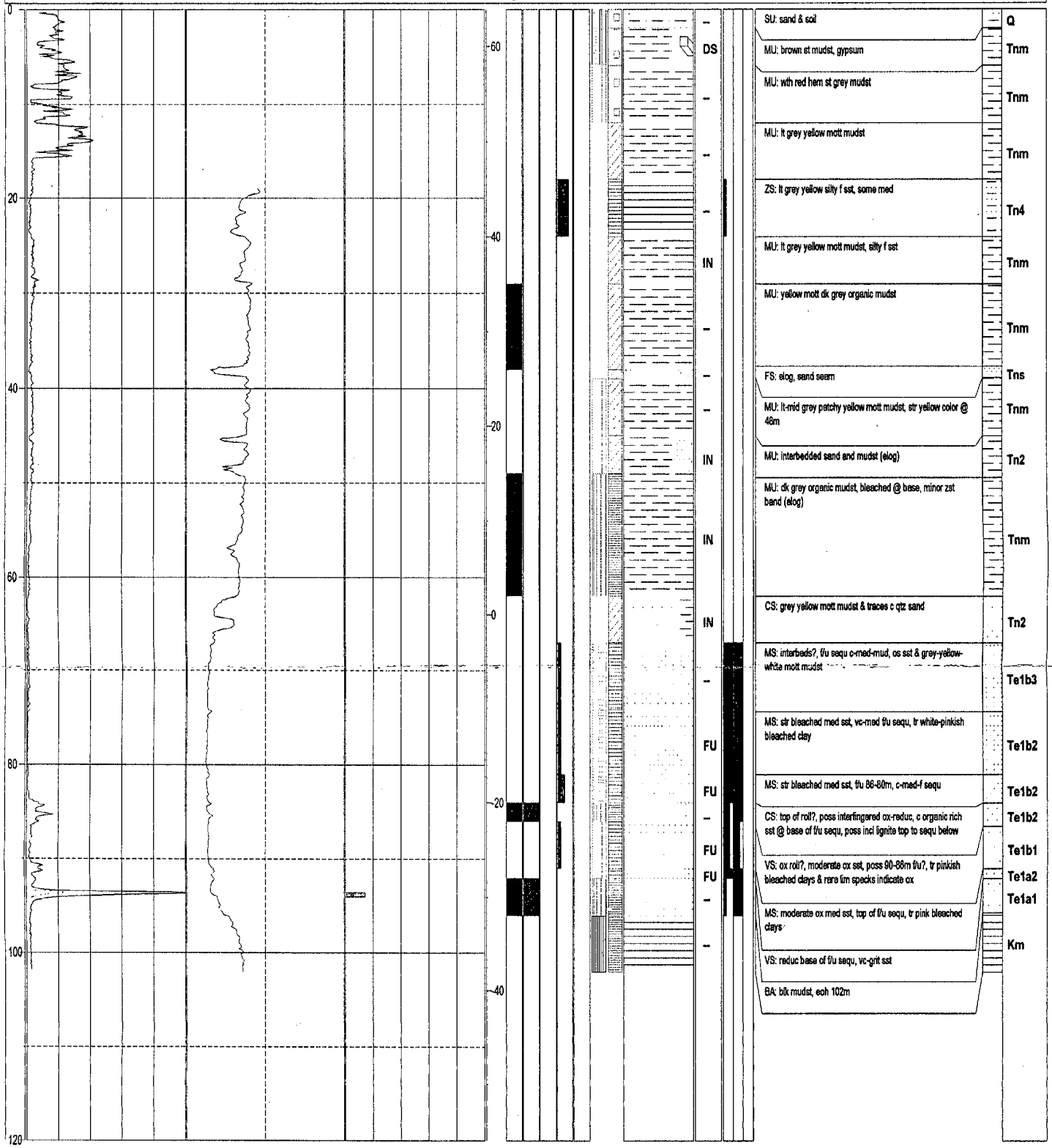
Co-ord local (m)	–		E	–	N
Co-ord AMG	480254		E	6546116	N
Collar Elev (m)	–		m)	64.00	ADH
Depth (m)	102.0	Azimuth –	Dip	90 deg	
Date commenced	24/02/1998		Date completed	24/02/1998	
Geologist	JD-B		Logged date	24/02/1998	
Drilling Co.	Thompson		Method	rotary mud	
Casing from (m)	–		To	–	
Water Table (m)	–		Date measured	–	
Hole Diam. (cm)	12		Plugged (Y/N)	N	
Date plotted	10/06/1998				

CUM054

Prospect: Berber

Project: 9261
Name: CUJV
Tenement: EL2275

Depth | Gamma 0-1000 cps (corr) | Gamma 0-5000 cps (corr) | R (100-0 nominal) | SP (0-100 nominal) | eU3O8 (calc) 0-2,500 ppm 0.5 m intersections >= 100 ppm ave. | RL (m) | Organic | Humic | Pyrite | Limon. | Carb. | Colour | Redox | Cuttings | Relator | Sorting | Rndness | Bedding | Description & Comments | Lithol. | Unit



Description & Comments	Unit
SU: sand & soil	Q
MU: brown st mudst, gypsum	Tnm
MU: wth red hem st grey mudst	Tnm
MU: lt grey yellow mott mudst	Tnm
ZS: lt grey yellow silty f sst, some med	Tn4
MU: lt grey yellow mott mudst, silty f sst	Tnm
MU: yellow mott dk grey organic mudst	Tnm
FS: elog, sand seam	Tns
MU: lt-mid grey patchy yellow mott mudst, str yellow color @ 48m	Tnm
MU: interbedded sand and mudst (elog)	Tn2
MU: dk grey organic mudst, bleached @ base, minor zst band (elog)	Tnm
CS: grey yellow mott mudst & traces c qtz sand	Tn2
MS: interbeds?, f/u sequ c-med-mud, os sst & grey-yellow-white mott mudst	Te1b3
MS: str bleached med sst, vc-med f/u sequ, tr white-pinkish bleached clay	Te1b2
MS: str bleached med sst, f/u 86-88m, c-med-f sequ	Te1b2
CS: top of roll?, poss interfingered ox-reduc, c organic rich sst @ base of f/u sequ, poss incl lignite top to sequ below	Te1b2
VS: ox roll?, moderate ox sst, poss 90-88m f/u?, tr pinkish bleached clays & rare lim specks indicate ox	Te1b1
MS: moderate ox med sst, top of f/u sequ, tr pink bleached clays	Te1a2
VS: reduc base of f/u sequ, vc-grit sst	Te1a1
BA: blk mudst, eoh 102m	Km

PALADIN RESOURCES N!

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 268	gamma from (m)	0.0	78.0	82.0
Probe No.	gamma 689	gamma to (m)	96.0	96.0	88.0
Date Logged	24/02/1998	gamma speed (m/min)	3	2	2
Operator	GJ	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	96.0	--	--
Notes	poor SP, bad R	electric speed (m/min)	8	--	--

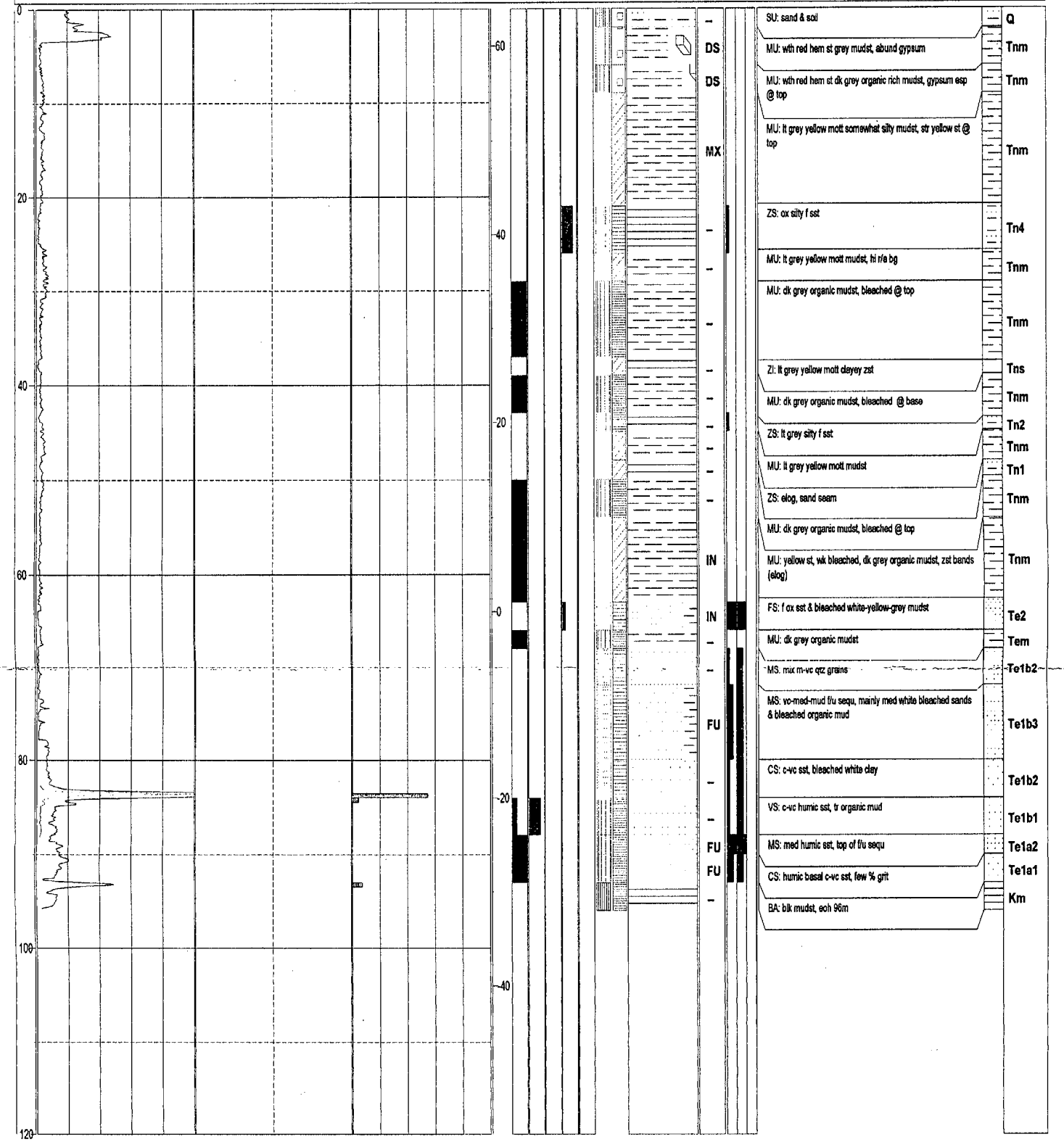
Co-ord local (m)	--	E	--	N	
Co-ord AMG	480263	F	6548172	N	
Collar Elev (m)	--		m) 64.00	ADH	
Depth (m) 96.0	Azimuth --	Dip	90 deg		
Date commenced	24/02/1998	Date completed	24/02/1998		
Geologist	JD-B	Logged date	24/02/1998		
Drilling Co.	Thompson	Method	rotary mud		
Casing from (m)	--	To	--		
Water Table (m)	--	Date measured	--		
Hole Diam. (cm)	12	Plugged (Y/N)	N		
Date plotted	10/06/1998				

CUM055

Prospect: Berber

Project: 9261
Name: CUJV
Tenement: EL2275

Depth
Gamma 0-1000 cps (corr)
Gamma 0-5000 cps (corr)
R (100-0 nominal)
SP (0-100 nominal)
eU3O8 (calc) 0-2,500 ppm
0.5 m intersections >= 100 ppm ave.
RL (m)
Organic
Humic
Pyrite
Limon.
Carb.
Colour
Redox
Cuttings
Relator
Sorting
Rndness
Bedding
Description & Comments
Lithol.
Unit



PALADIN RESOURCES N

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	88.0	-0
Probe No.	gamma 689	gamma to (m)	102.0	96.0	--
Date Logged	25/02/1998	gamma speed (m/min)	3	2	--
Operator	GJ	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	102.0	--	--
Notes	good SP, poor R	electric speed (m/min)	8	--	--

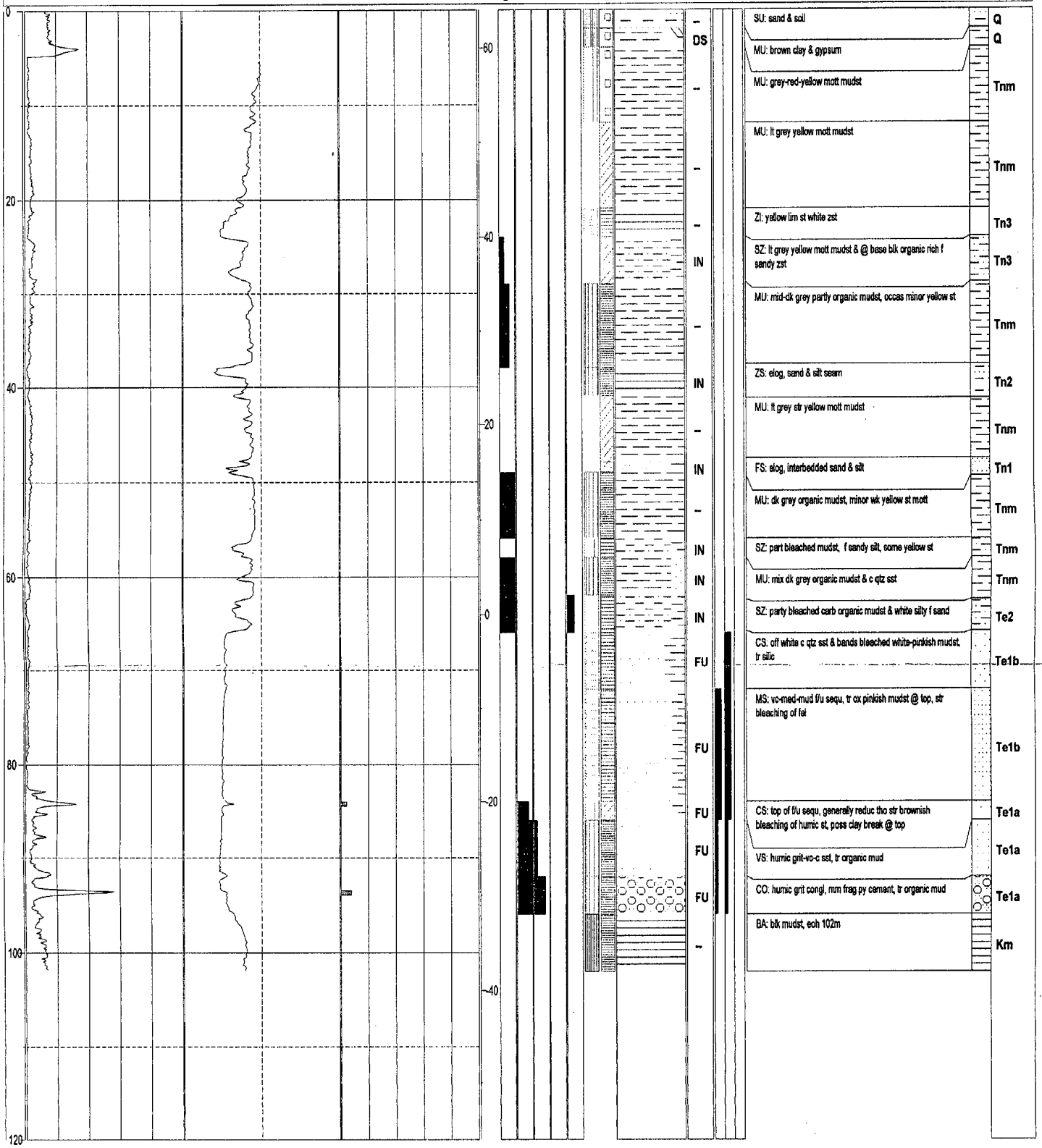
Co-ord local (m)	--		E	--	N
Co-ord AMG	480255		F	6546146	N
Collar Elev (m)	--		m)	64.00	ADH
Depth (m)	102.0	Azimuth --	Dip	90 deg	
Date commenced	25/02/1998		Date completed	25/02/1998	
Geologist	JD-B		Logged date	25/02/1998	
Drilling Co.	Thompson		Method	rotary mud	
Casing from (m)	--		To	--	
Water Table (m)	--		Date measured	--	
Hole Diam. (cm)	12		Plugged (Y/N)	N	
Date plotted	10/06/1998				

CUM056

Prospect: Berber

Project: 9261
Name: CUJV
Tenement: EL2275

Depth | Gamma 0-1000 cps (corr) | Gamma 0-5000 cps (corr) | R (100-0 nominal) | SP (0-100 nominal) | eU3O8 (calc) 0-2,500 ppm (0.5 m intersections >= 100 ppm ave.) | RL (m) | Organic | Humic | Pyrite | Limon. | Carb. | Colour | Redox | Cuttings | Relator | Sorting | Rndness | Bedding | Description & Comments | Lithol. | Unit



Description & Comments	Unit
SU: sand & soil	Q
MU: brown clay & gypsum	Q
MU: grey-red-yellow mott mudst	Tnm
MU: lt grey yellow mott mudst	Tnm
Zl: yellow lim st white zst	Tn3
SZ: lt grey yellow mott mudst & @ base blk organic rich f sandy zst	Tn3
MU: mid-dk grey partly organic mudst, occas minor yellow st	Tnm
ZS: elog, sand & silt seam	Tn2
MU: lt grey str yellow mott mudst	Tnm
FS: elog, interbedded sand & silt	Tn1
MU: dk grey organic mudst, minor wk yellow st mott	Tnm
SZ: part bleached mudst, f sandy silt, some yellow st	Tnm
MU: mix dk grey organic mudst & c qtz sst	Tnm
SZ: party bleached carb organic mudst & white silty f sand	Te2
CS: off white c qtz sst & bands bleached white-pinkish mudst, tr silic	Te1b
MS: vc-med-mud f/u sequ, tr ox pinkish mudst @ top, str bleaching of fol	Te1b
CS: top of f/u sequ, generally reduc tho str brownish bleaching of humic st, poss clay break @ top	Te1a
VS: humic grit-vc-c sst, tr organic mud	Te1a
CO: humic grit congl, mm frag py cement, tr organic mud	Te1a
BA: blk mudst, eoh 102m	Km

PALADIN RESOURCES N'

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	82.0	0.0
Probe No.	gamma 689	gamma to (m)	96.0	94.0	96.0
Date Logged	25/02/1998	gamma speed (m/min)	3	2	4
Operator	GJ	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	96.0	--	--
Notes	ok SP, poor R	electric speed (m/min)	8	--	--

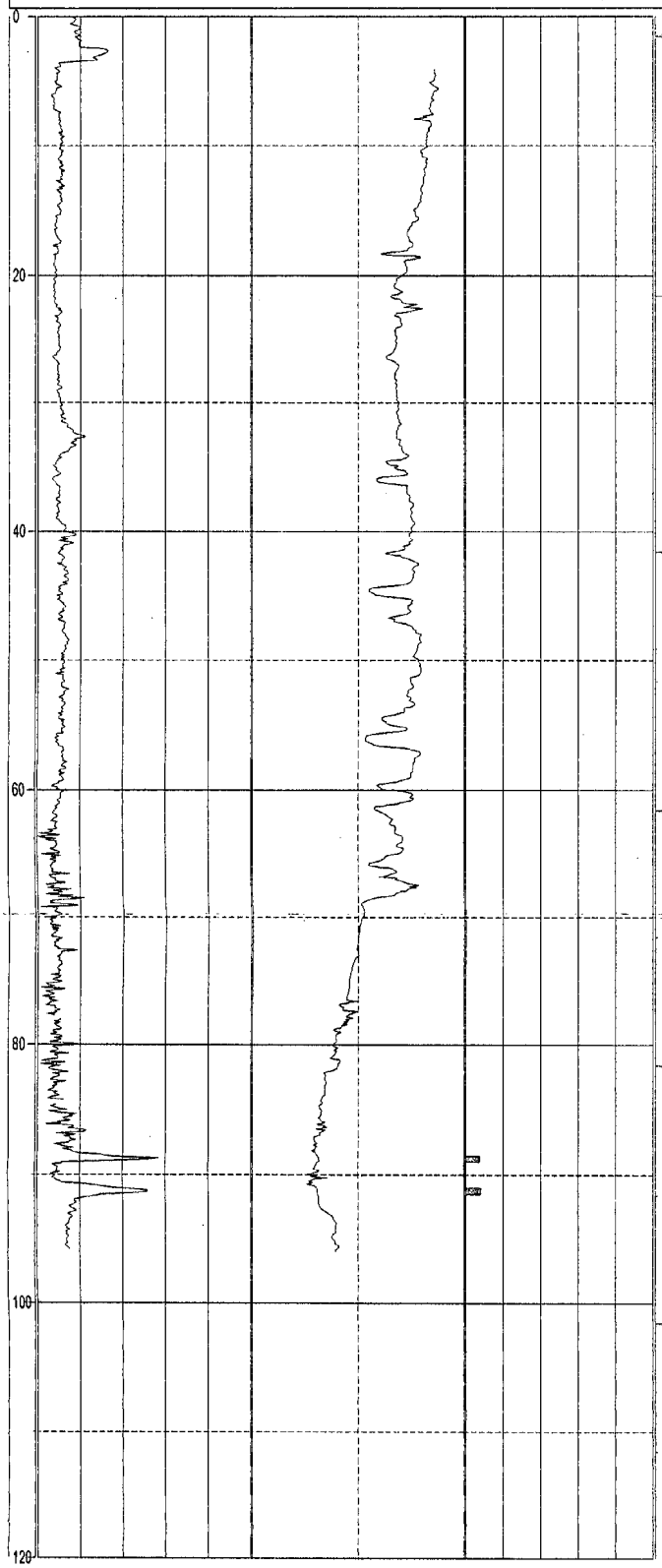
Co-ord local (m)	--		E	--	N
Co-ord AMG	479808		F	6547909	N
Collar Elev (m)	--			m) 61.60	ADH
Depth (m)	96.0	Azimuth --		Dip 90 deg	
Date commenced	25/02/1998		Date completed	25/02/1998	
Geologist	JD-B		Logged date	25/02/1998	
Drilling Co.	Thompson		Method	rotary mud	
Casing from (m)	--		To	--	
Water Table (m)	--		Date measured	--	
Hole Diam. (cm)	12		Plugged (Y/N)	N	
Date plotted	10/06/1998				

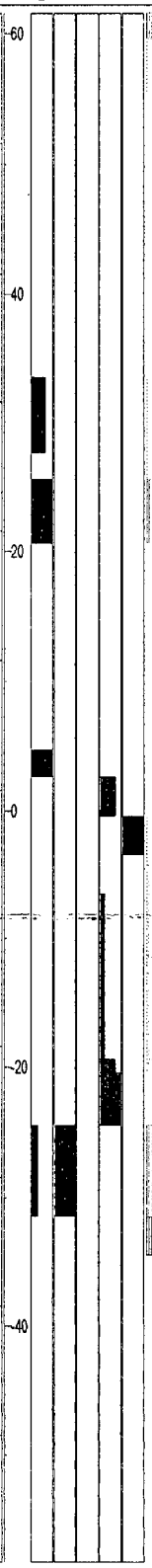
CUM057

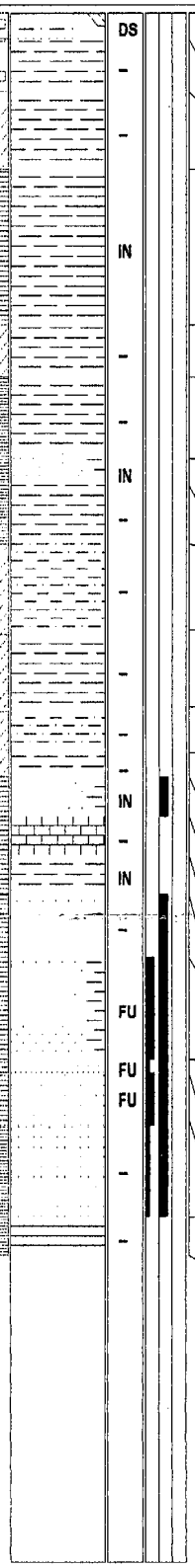
Prospect: Oban

Project: 9261
Name: CUJV
Tenement: EL2275

Depth
Gamma 0-1000 cps (corr)
Gamma 0-5000 cps (corr)
R (100-0 nominal)
SP (0-100 nominal)
eU3O8 (calc)
0-2,500 ppm
0.5 m intersections >= 100 ppm ave.







Description & Comments	Litholog.	Unit
SU: sand & soil, incl gypsum		Q
MU: wth red hem st grey mudst		Tnm
MU: lt grey yellow mott mudst		Tnm
MU: lt grey yellow mott mudst & bands of zst, esp str yellow st silt @ base		Tnm
MU: lt grey yellow mott mudst		Tnm
MU: lt-mid grey partly organic mudst, bleached top & bottom, r/a peak near base		Tnm
FS: elog, interbedded sand & mudst		Tn3
MU: dk grey organic mudst		Tnm
SZ: f sandy zst		Tn2
MU: lt-mid grey irreg wk-st yellow mott mudst		Tnm
SZ: f sandy zst		Tn1
MU: str yellow st dk grey organic mud, esp str lim ox @ base		Tnm
CS: yellowish c qtz sst & yellow-grey mudst interbedded		Tns
LM: str bleached carb mudst, poss some wk silic		Tnk
MU: bleached pink-yellow-white-grey mott mudst and sst bands		Tnm
CS: c white sst		Te2
CS: vc-med f/u sequ, bleached fel grains		Te1b3
MS: bleached med-c sst, top of f/u sequ		Te1b2
VS: str lim st vc-grit sst, fel rich, str yellow st on fel, base of f/u		Te1b1
VS: basal vc unit, reduc, some organic mud, tr mm woody frag, perhaps wk ox transitional @ top		Te1a
BA: blk mudst, eoh 96m		Km

PALADIN RESOURCES N'

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	80.0	--
Probe No.	gamma 689	gamma to (m)	96.0	94.0	--
Date Logged	25/02/1998	gamma speed (m/min)	2	2	--
Operator	GJ	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	96.0	--	--
Notes	ok SP, poor R	electric speed (m/min)	8	--	--

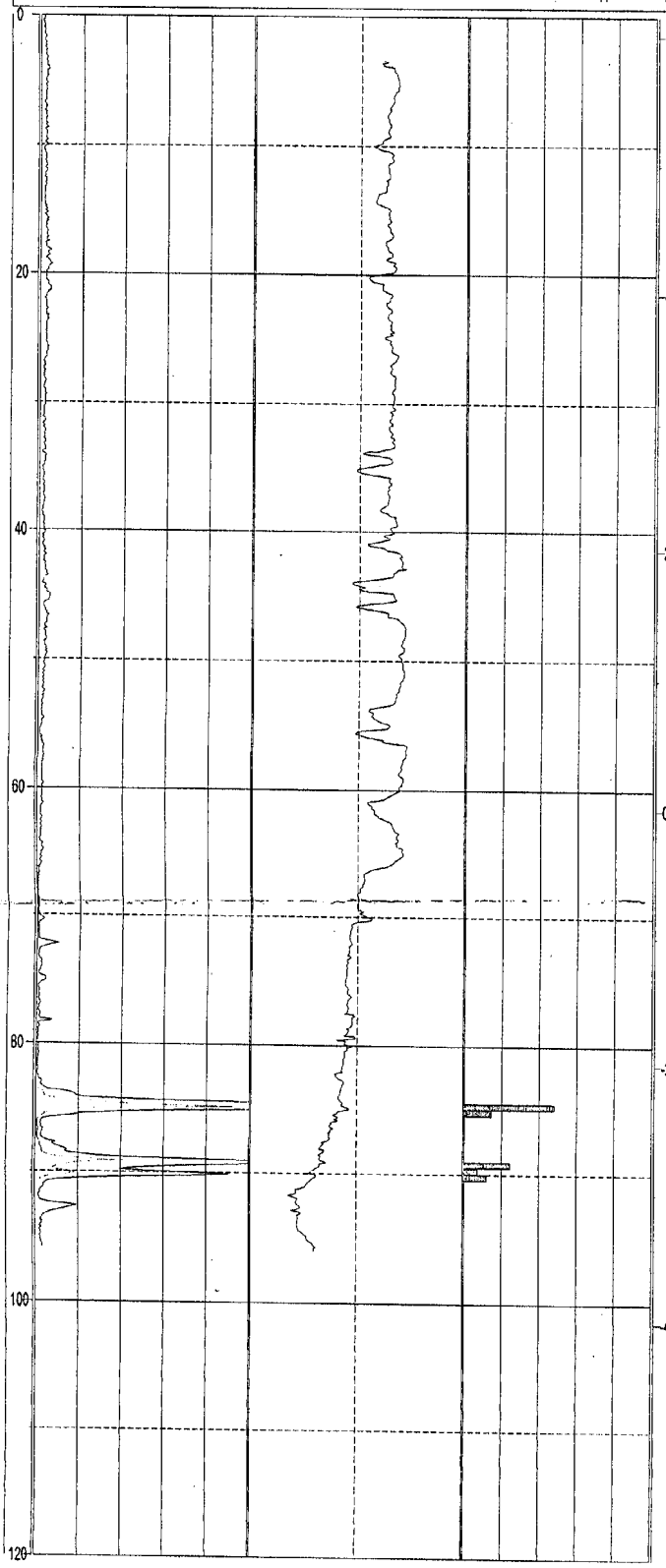
Co-ord local (m)	--	E	--	N	
Co-ord AMG	479590	E	6548630	N	
Collar Elev (m)	--	(m)	61.50	ADH	
Depth (m)	96.0	Azimuth	--	Dip	90 deg
Date commenced	25/02/1998	Date completed	25/02/1998		
Geologist	JD-B	Logged date	25/02/1998		
Drilling Co.	Thompson	Method	rotary mud		
Casing from (m)	--	To	--		
Water Table (m)	--	Date measured	--		
Hole Diam. (cm)	12	Plugged (Y/N)	N		
Date plotted	10/06/1998				

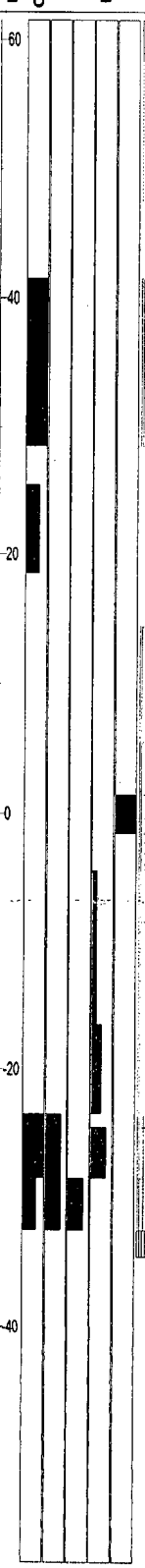
CUM058

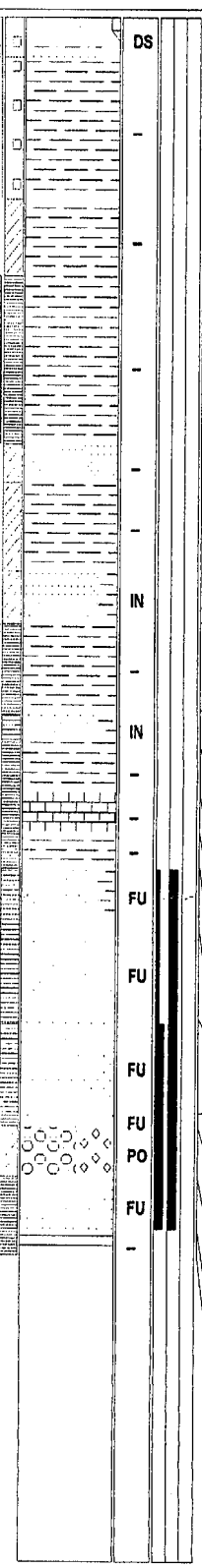
Prospect: Oban

Project: 9261
Name: CUJV
Tenement: EL2275

Depth
Gamma 0-1000 cps (corr)
Gamma 0-5000 cps (corr)
R (100-0 nominal)
SP (0-100 nominal)
eU3O8 (calc)
0-2,500 ppm
0.5 m intersections >= 100 ppm ave.







Description & Comments	Lithol.	Unit
SU: sand & soil, incl minor gypsum & mm carb nodules		Q
MU: wth red hem st grey mudst, st weaker to base		Tnm
MU: lt grey yellow mott mudst		Tnm
MU: mid-dk grey organic mudst		Tnm
FS: elog, sand & mudst seams		Tn3
MU: lt-mid grey, partly dk grey organic, irreg wk-moderate yellow mott mudst		Tnm
FS: elog, sand & mudst seams		Tn2
MU: dk grey partly organic mudst, bleached @ base		Tnm
CS: yellow st c qtz & bleached green grey-off white ex-organic mudst		Tn1
MU: dk grey organic mudst, yellow st & green grey bleached @ base		Tnm
LM: slightly yellow st dk grey organic mudst		Tnk
MU: slightly yellow st dk grey organic mudst		Tnm
CS: vc-c f/u sequ, minor white-pink ox clay clots, white-yellow-green-grey mott mudst, tr lim crusts		Te2
CS: vc-med f/u sequ, tr white-pink clay clots, str bleaching of fel		Te1b
CS: ox top of f/u sequ		Te1b
VS: vc-grit sst, centre part of basal unit, lignite frags		Te1a
CO: grit congl, mm pebs, mix humic congl & interfingered? str lim crusted grit & pebs, base of unit		Te1a
VS: grit-vc-c f/u sequ from base, tarnished mm py frags, tr organic mud		Te1a
BA: blk mudst, ech 96m		Km

PALADIN RESOURCES N'

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	84.0	88.0
Probe No.	gamma 689	gamma to (m)	102.0	98.0	92.0
Date Logged	25/02/1998	gamma speed (m/min)	3	2	2
Operator	GJ	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	100.0	--	--
Notes	ok SP, poor R	electric speed (m/min)	8	--	--

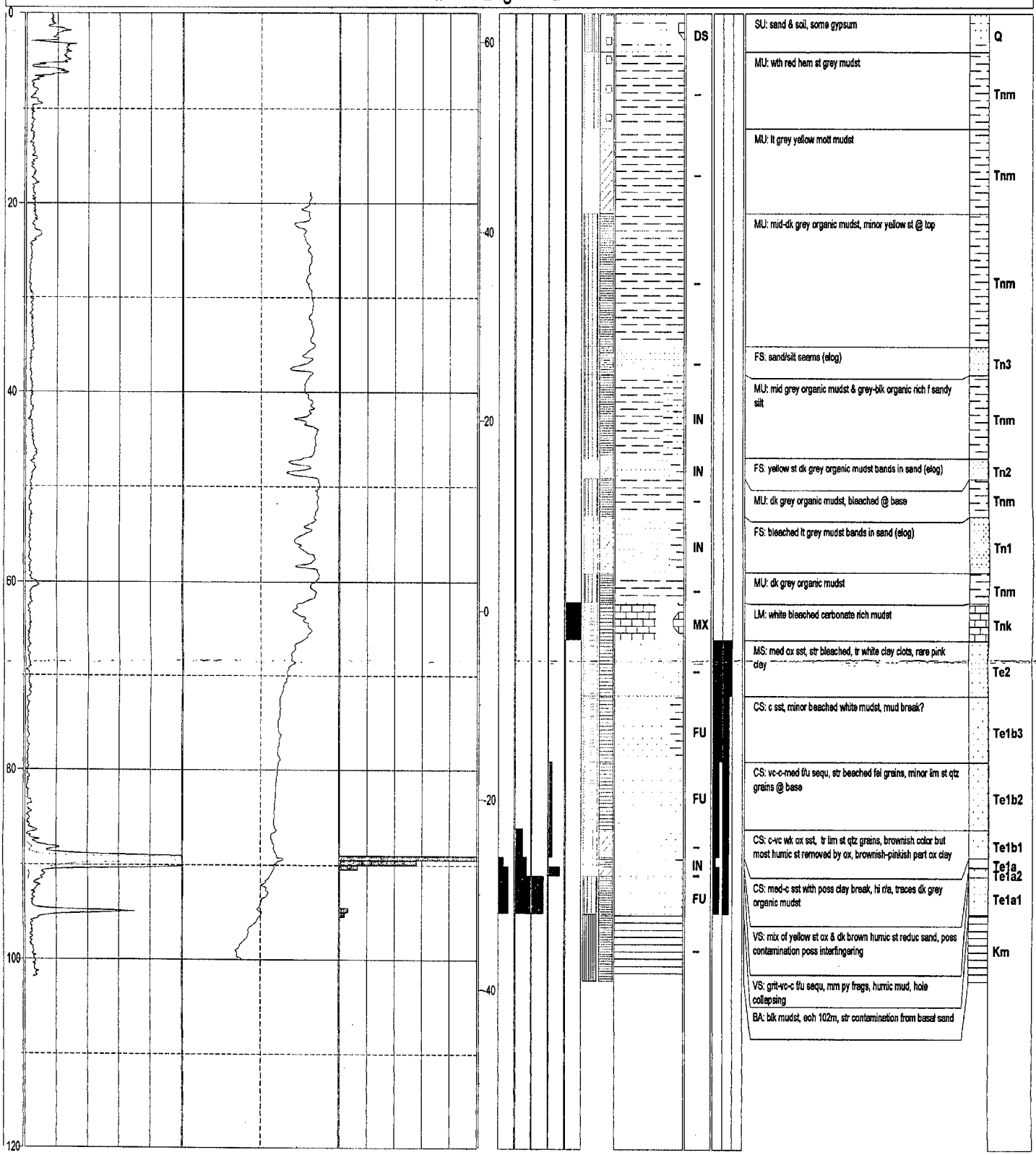
Co-ord local (m)	--	E	--	N	
Co-ord AMG	480063	E	6548741	N	
Collar Elev (m)	--	(m)	63.00	ADH	
Depth (m)	102.0	Azimuth	--	Dip	90 deg
Date commenced	25/02/1998	Date completed	25/02/1998		
Geologist	JD-B	Logged date	25/02/1998		
Drilling Co.	Thompson	Method	rotary mud		
Casing from (m)	--	To	--		
Water Table (m)	--	Date measured	--		
Hole Diam. (cm)	12	Plugged (Y/N)	N		
Date plotted	10/06/1998				

CUM059

Prospect: Oban

Project: 9261
Name: CUJV
Tenement: EL2275

Depth
Gamma 0-1000 cps (corr)
Gamma 0-5000 cps (corr)
R (100-0 nominal)
SP (0-100 nominal)
eU3O8 (calc)
0-2,500 ppm
0.5 m intersections >= 100 ppm eve.



PALADIN RESOURCES N'

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	82.0	–
Probe No.	gamma 689	gamma to (m)	102.0	96.0	–
Date Logged	26/02/1998	gamma speed (m/min)	3	2	–
Operator	GJ	electric from (m)	0.0	–	–
Open/Closed Hole	open	electric to (m)	102.0	–	–
Notes	ok SP, bad R	electric speed (m/min)	8	–	–

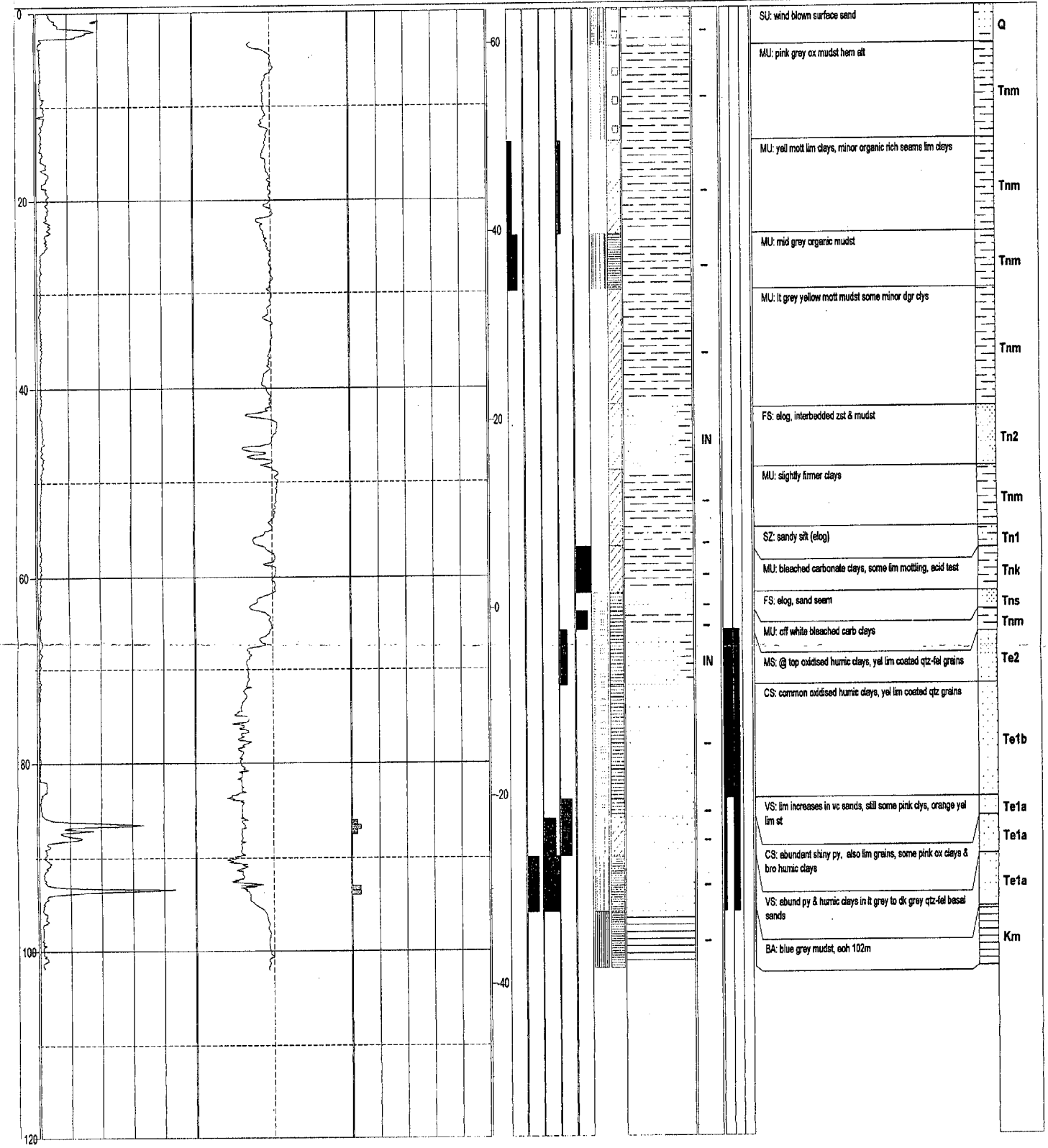
Co-ord local (m)	–	E	–	N
Co-ord AMG	480034	N	6548832	N
Collar Elev (m)	–		m) 63.50	ADH
Depth (m) 102.0	Azimuth –	Dip	90 deg	
Date commenced	26/02/1998	Date completed	26/02/1998	
Geologist	WD	Logged date	26/02/1998	
Drilling Co.	Thompson	Method	rotary mud	
Casing from (m)	–	To	–	
Water Table (m)	–	Date measured	–	
Hole Diam. (cm)	12	Plugged (Y/N)	N	
Date plotted	10/06/1998			

CUM060

Prospect: Oban

Project: 9261
Name: CUJV
Tenement: EL2275

Depth | Gamma 0-1000 cps (corr) | Gamma 0-5000 cps (corr) | R (100-0 nominal) | SP (0-100 nominal) | eU3O8 (calc) 0-2,500 ppm 0.5 m intersections >= 100 ppm eve | RL (m) | Organic | Humic | Pyrite | Limon. | Carb. | Colour | Redox | Cuttings | Relator | Sorting | Rndness | Bedding | Description & Comments | Lithol. | Unit



PALADIN RESOURCES N'

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	82.0	--
Probe No.	gamma 689	gamma to (m)	102.0	96.0	--
Date Logged	26/02/1998	gamma speed (m/min)	3	2	--
Operator	GJ	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	102.0	--	--
Notes	ok SP, bad R	electric speed (m/min)	8	--	--

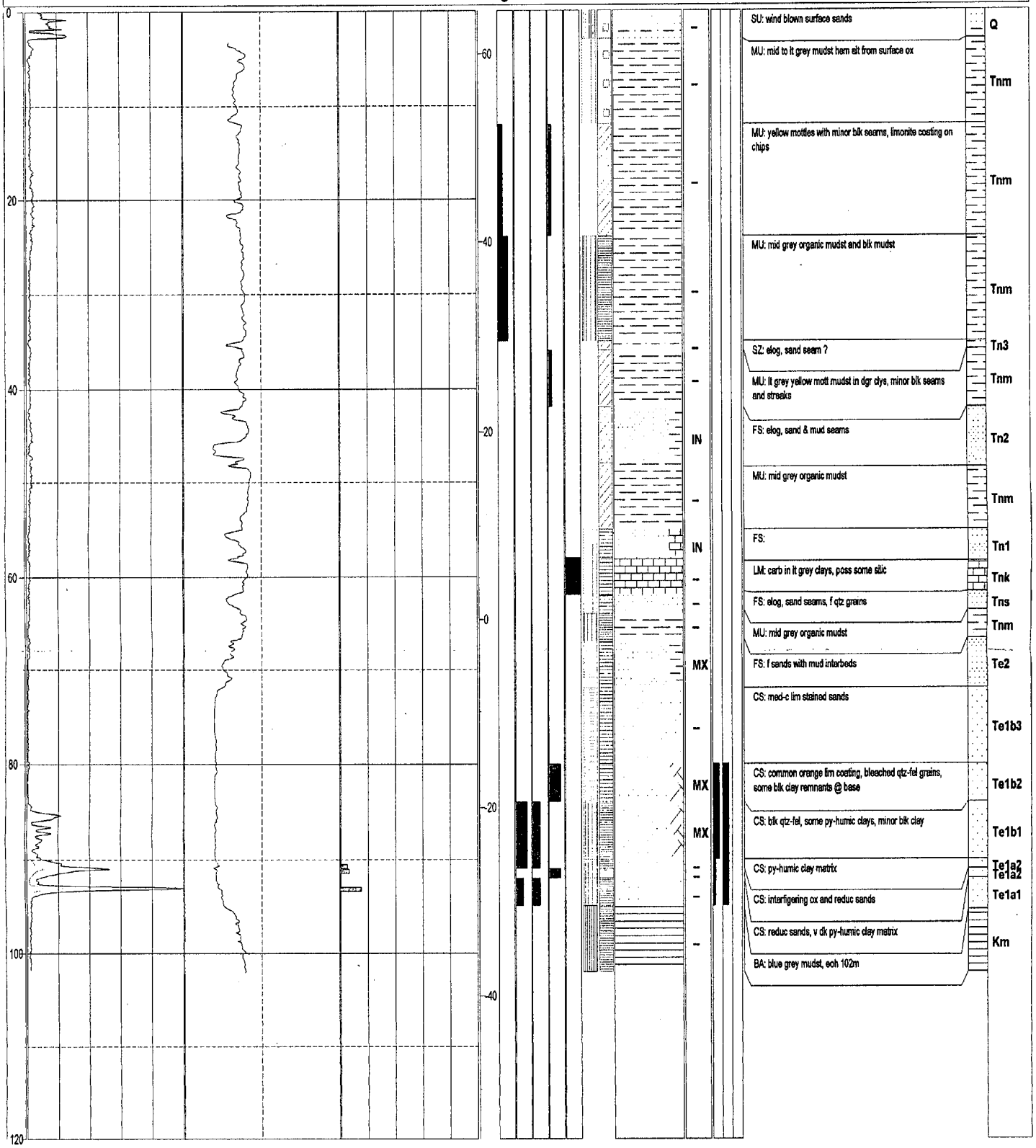
Co-ord local (m)	--	E	--	N	
Co-ord AMG	479995	E	6548881	N	
Collar Elev (m)	--		m) 64.60	ADH	
Depth (m) 102.0	Azimuth --		90 deg		
Date commenced	26/02/1998	Date completed	26/02/1998		
Geologist	WD	Logged date	26/02/1998		
Drilling Co.	Thompson	Method	rotary mud		
Casing from (m)	--	To	--		
Water Table (m)	--	Date measured	--		
Hole Diam. (cm)	12	Plugged (Y/N)	N		
Date plotted	10/06/1998				

CUM061

Prospect: Oban

Project: 9261
Name: CUJV
Tenement: EL2275

Depth | Gamma 0-1000 cps (corr) | Gamma 0-5000 cps (corr) | R (100-0 nominal) | SP (0-100 nominal) | eU3O8 (calc) 0-2,500 ppm 0.5 m intersections >= 100 ppm ave | RL (m) | Organic | Humic | Pyrite | Limon. | Carb. | Colour | Redox | Cuttings | Relator | Sorting | Rndness | Bedding | Description & Comments | Lithol. | Unit



PALADIN RESOURCES N'

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	--	--
Probe No.	gamma 689	gamma to (m)	96.0	--	--
Date Logged	26/02/1998	gamma speed (m/min)	3	--	--
Operator	GJ	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	96.0	--	--
Notes	poor SP, bad R	electric speed (m/min)	8	--	--

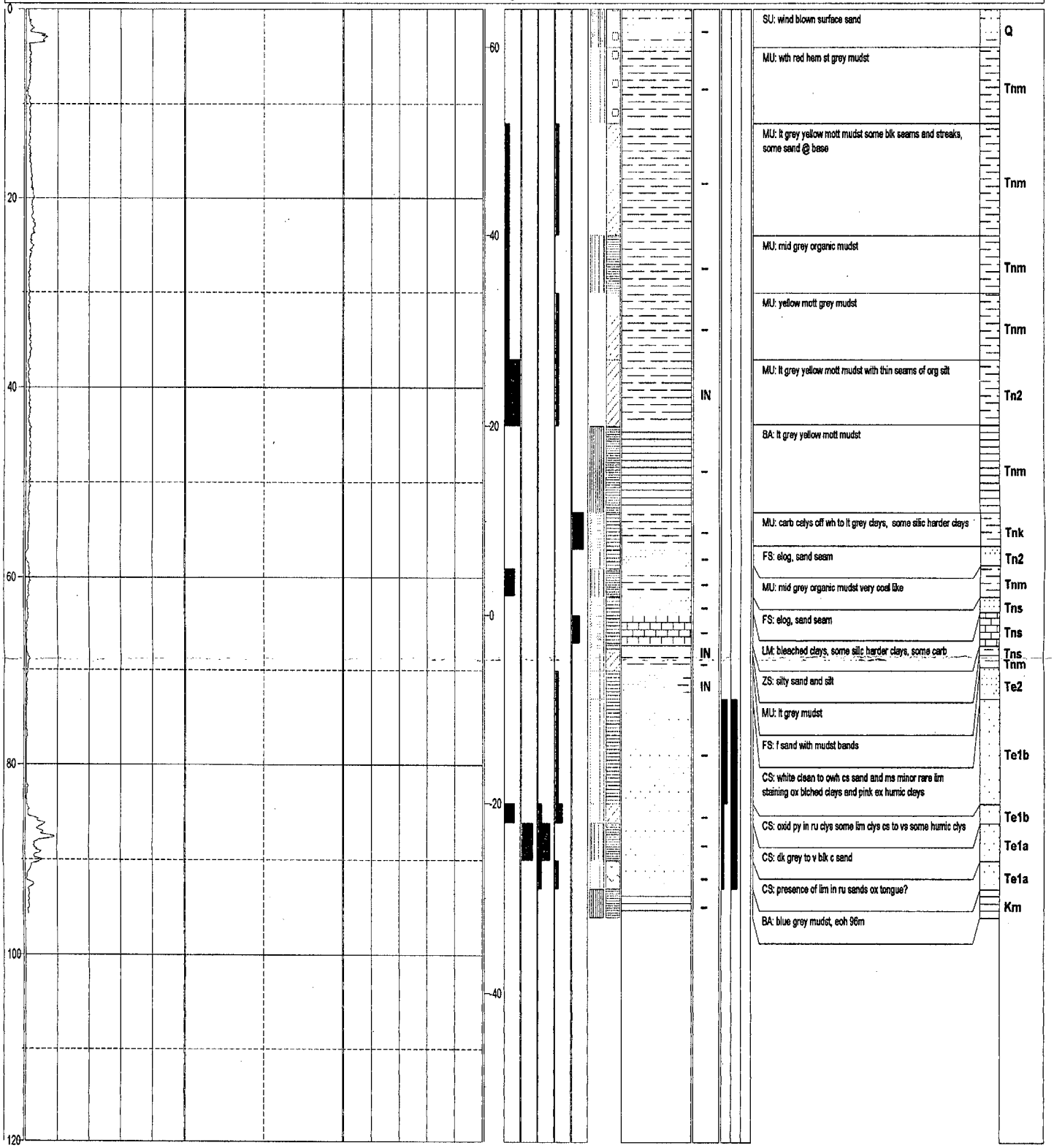
Co-ord local (m)	--	E	--	N	
Co-ord AMG	480193	E	6549064	N	
Collar Elev (m)	--		m) 64.00	ADH	
Depth (m) 96.0	Azimuth --	Dip	90 deg		
Date commenced	26/02/1998	Date completed	26/02/1998		
Geologist	WD	Logged date	26/02/1998		
Drilling Co.	Thompson	Method	rotary mud		
Casing from (m)	--	To	--		
Water Table (m)	--	Date measured	--		
Hole Diam. (cm)	12	Plugged (Y/N)	N		
Date plotted	10/06/1998				

CUM062

Prospect: Oban

Project: 9261
Name: CUJV
Tenement: EL2275

Depth
Gamma 0-1000 cps (corr)
Gamma 0-5000 cps (corr)
R (100-0 nominal)
SP (0-100 nominal)
eU3O8 (calc)
0-2,500 ppm
0.5 m intersections >= 100 ppm ave.
RL (m)
Organic
Humic
Pyrite
Limon.
Carb.
Colour
Redox
Cuttings
Relator
Sorting
Rndness
Bedding



Description & Comments	Lithol.	Unit
SU: wind blown surface sand		Q
MU: wh red hem st grey mudst		Tnm
MU: lt grey yellow mott mudst some blk seams and streaks, some sand @ base		Tnm
MU: mid grey organic mudst		Tnm
MU: yellow mott grey mudst		Tnm
MU: lt grey yellow mott mudst with thin seams of org silt		Tn2
BA: lt grey yellow mott mudst		Tnm
MU: carb clys off wh to lt grey clays, some silic harder clays		Tnk
FS: clog, sand seam		Tn2
MU: mid grey organic mudst very coal like		Tnm
FS: clog, sand seam		Tns
LM: bleached clays, some silic harder clays, some carb		Tns
ZS: silty sand and silt		Tnm
MU: lt grey mudst		Te2
FS: f sand with mudst bands		Te1b
CS: white clean to owh cs sand and ms minor rare lim staining ox bleched clays and pink ex humic clays		Te1b
CS: oxid py in ru clys some lim clys cs to vs some humic clys		Te1a
CS: dk grey to v blk c sand		Te1a
CS: presence of lim in ru sands ox tongue?		Km
BA: blue grey mudst, eoh 96m		

PALADIN RESOURCES N'

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	76.0	--
Probe No.	gamma 689	gamma to (m)	96.0	86.0	--
Date Logged	26/02/1998	gamma speed (m/min)	3	2	--
Operator	GJ	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	96.0	--	--
Notes	ok SP, bad R	electric speed (m/min)	8	--	--

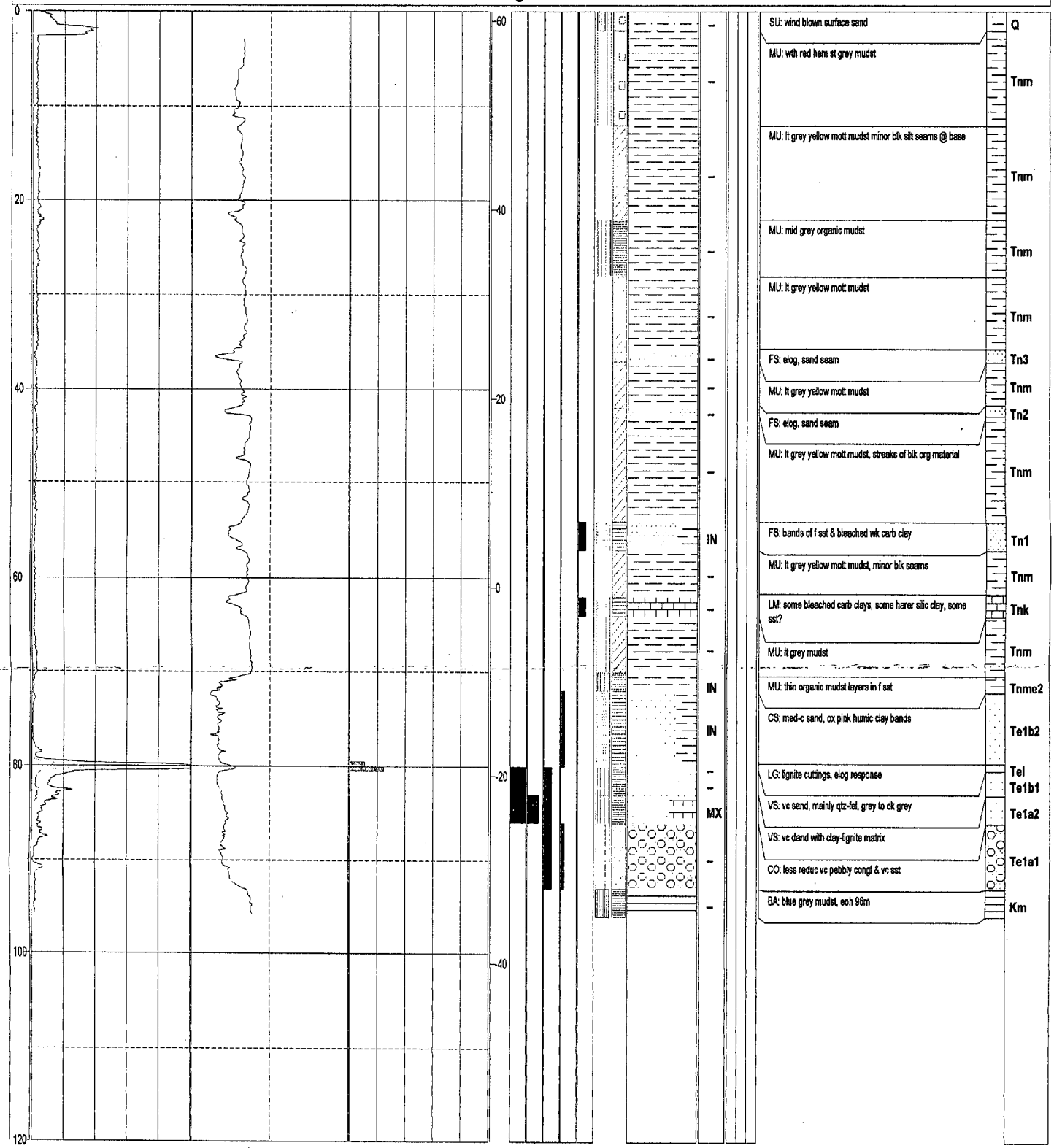
Co-ord local (m)	--		E	--	N
Co-ord AMG	480187		E	6549292	N
Collar Elev (m)	--			m) 61.00	ADH
Depth (m)	96.0	Azimuth --		Dip 90 deg	
Date commenced	26/02/1998		Date completed	26/02/1998	
Geologist	WD		Logged date	26/02/1998	
Drilling Co.	Thompson		Method	rotary mud	
Casing from (m)	--		To	--	
Water Table (m)	--		Date measured	--	
Hole Diam. (cm)	12		Plugged (Y/N)	N	
Date plotted	10/06/1998				

CUM063

Prospect: Oban

Project: 9261
Name: CUJV
Tenement: EL2275

Depth
Gamma 0-1000 cps (corr)
Gamma 0-5000 cps (corr)
R (100-0 nominal)
SP (0-100 nominal)
eU3O8 (calc)
0-2,500 ppm
0.5 m intersections >= 100 ppm ave.



PALADIN RESOURCES N'

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	76.0	--
Probe No.	gamma 689	gamma to (m)	94.0	88.0	--
Date Logged	27/02/1998	gamma speed (m/min)	3	2	--
Operator	WD	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	94.0	--	--
Notes	ok SP, bad R	electric speed (m/min)	8	--	--

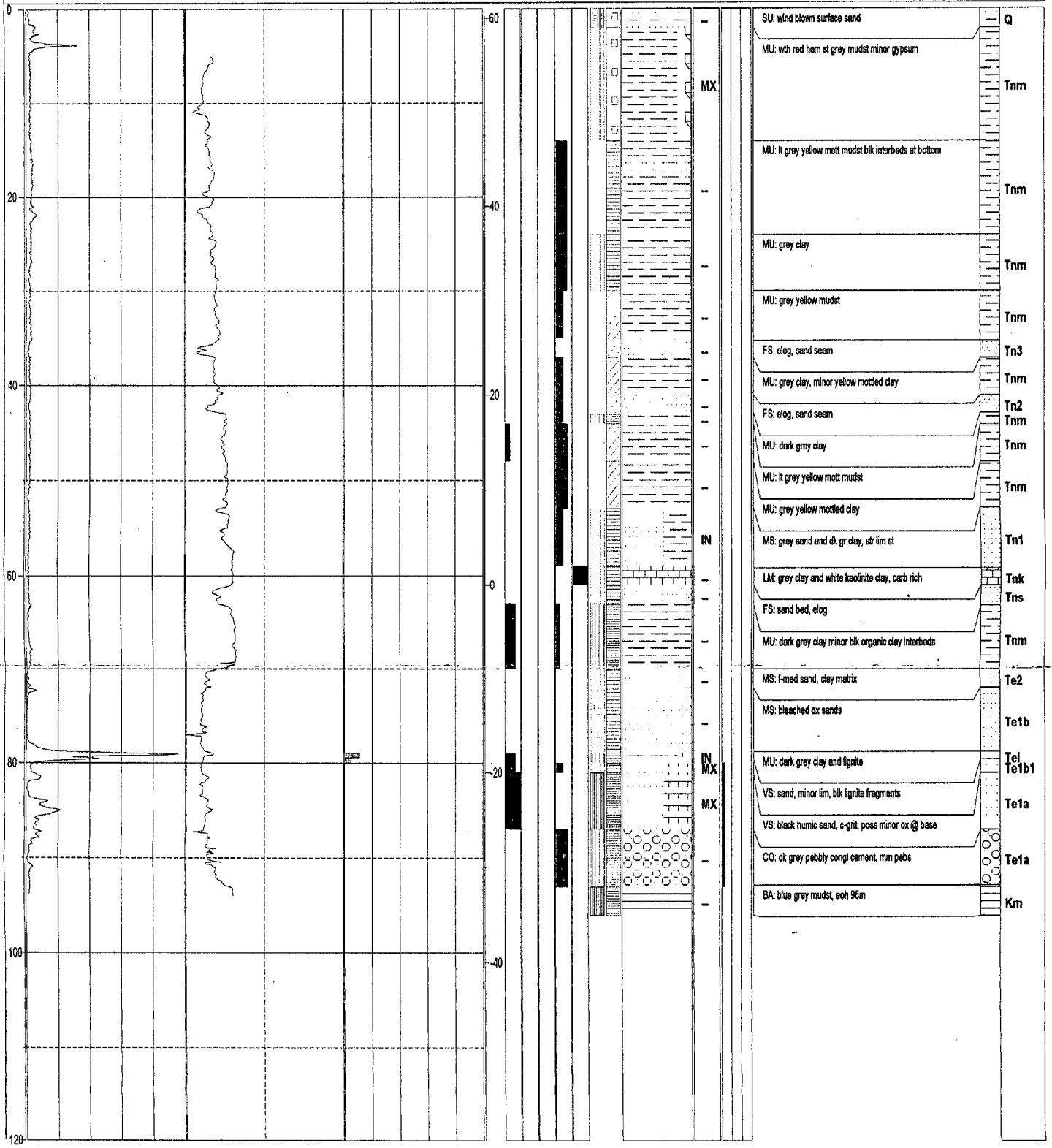
Co-ord local (m)	--	E	--	N	
Co-ord AMG	480178	E	6549265	N	
Collar Elev (m)	--		m) 61.00	ADH	
Depth (m) 96.0	Azimuth --	Dip	90 deg		
Date commenced	27/02/1998	Date completed	27/02/1998		
Geologist	EB	Logged date	27/02/1998		
Drilling Co.	Thompson	Method	rotary mud		
Casing from (m)	--	To	--		
Water Table (m)	--	Date measured	--		
Hole Diam. (cm)	12	Plugged (Y/N)	N		
Date plotted	10/06/1998				

CUM064

Prospect: Oban

Project: 9261
Name: CUJV
Tenement: EL2275

Depth | Gamma 0-1000 cps (corr) | Gamma 0-5000 cps (corr) | R (100-0 nominal) | SP (0-100 nominal) | eU3O8 (calc) 0-2,500 ppm 0.5 m intersections >= 100 ppm ave. | RL (m) | Organic | Humic | Pyrite | Limon. | Carb. | Colour | Redox | Cuttings | Relator | Sorting | Rndness | Bedding | Description & Comments | Lithol. | Unit



PALADIN RESOURCES N'

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	82.0	90.0
Probe No.	gamma 689	gamma to (m)	96.0	96.0	96.0
Date Logged	27/02/1998	gamma speed (m/min)	3	2	2
Operator	WD	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	96.0	--	--
Notes	ok SP, bad R	electric speed (m/min)	8	--	--

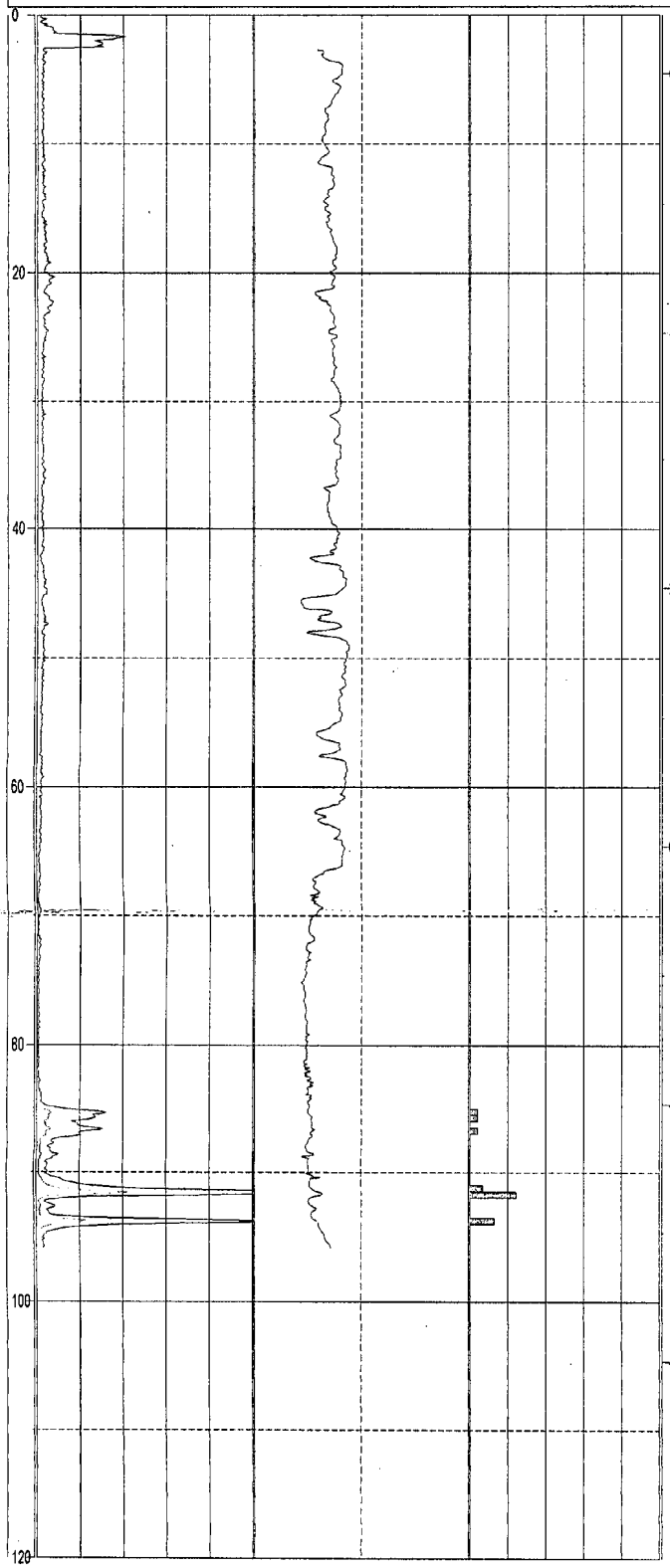
Co-ord local (m)	--	E	--	N	
Co-ord AMG	479984	E	6548839	N	
Collar Elev (m)	--		m) 64.60	ADH	
Depth (m) 96.0	Azimuth --	Dip	90 deg		
Date commenced	27/02/1998	Date completed	27/02/1998		
Geologist	EB	Logged date	27/02/1998		
Drilling Co.	Thompson	Method	rotary mud		
Casing from (m)	--	To	--		
Water Table (m)	--	Date measured	--		
Hole Diam. (cm)	12	Plugged (Y/N)	N		
Date plotted	10/06/1998				

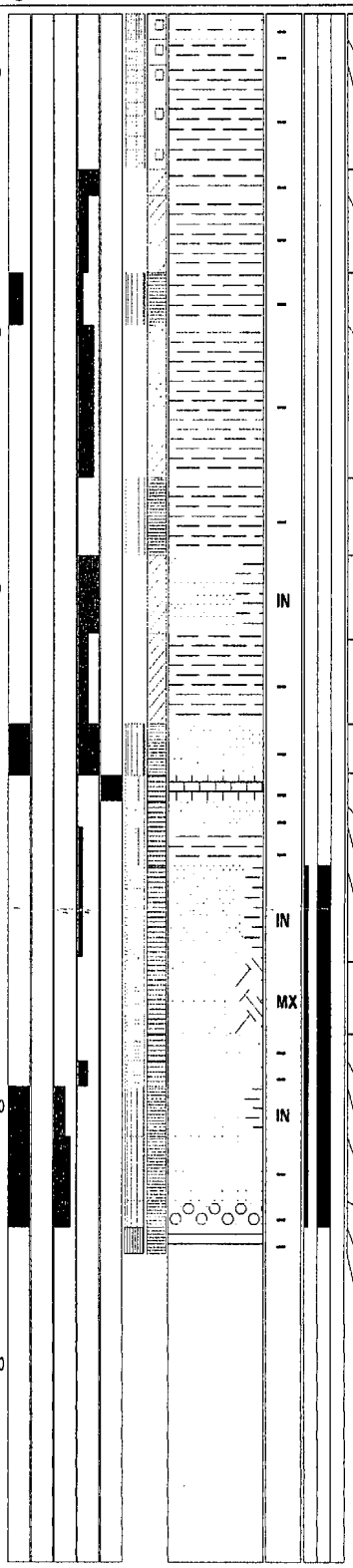
CUM065

Prospect: Oban

Project: 9261
Name: CUJV
Tenement: EL2275

Depth
Gamma 0-1000 cps (corr)
Gamma 0-5000 cps (corr)
R (100-0 nominal)
SP (0-100 nominal)
eU3O8 (calc)
0-2,500 ppm
0.5 m intersections >= 100 ppm ave.





Description & Comments	Lithol.	Unit
SU: wind blown surface sand		Q
MU: red and grey mottled clay		Tnm
MU: red and purple mottled clay		Tnm
MU: lt grey yellow mott mudst		Tnm
MU: lt grey yellow mott mudst		Tnm
MU: grey clay and minor blk carboneceous clay, rare limonite, minor zst		Tnm
MU: grey clay variable limonite content		Tnm
MU: grey clay, poss silty (elog)		Tnm
FS: lt grey yellow mott mudst with sand seams (elog)		Tn2
MU: grey clay minor limonite st		Tnm
FS: organic clay and sand (elog)		Tn1
LM: lt grey clay, white carb rich clay		Tnk
FS: sand seam, elog		Tns
MU: lt grey lim st mudst		Tnm
FS: thin lt grey clay and lim st sst		Te2
MS: f-med clayey sand		Te1b3
CS: med-c sand		Te1b2
VS: coarse to gritty sand minor lim		Te1b1
VS: dk grey-blk clay & lignite, c gritty sand		Te1a2
VS: dk grey grit, py cement, few mm pebs		Te1a2
CO: pebbly conglomerate		Te1a1
BA: blue grey mudst, ech 96m		Km

PALADIN RESOURCES NL

Geophysical Logging

			RUN 1	RUN	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	--	--
Probe No.	gamma 689	gamma to (m)	120.0	--	--
Date Logged	09.05.98	gamma speed (m/min)	3	--	--
Operator	GJ	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	120.0	--	--
Notes	bad SP, R	electric speed (m/min)	8	--	--

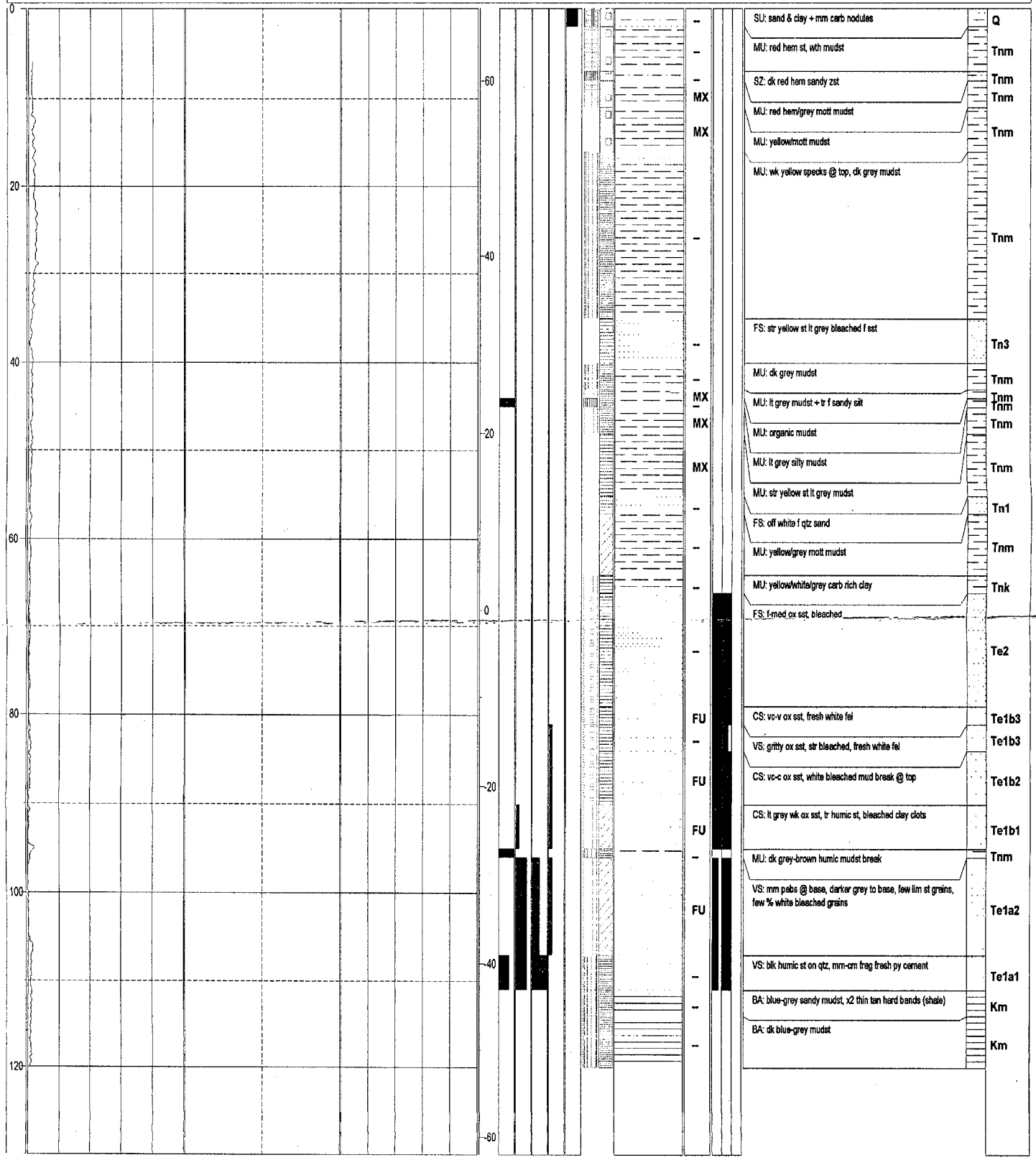
Co-ord local (m)	--		E	--	N
Co-ord AMG	485549		E	6557075	N
Collar Elev (m)	--		RL (m)	68.0	ADH
Depth (m)	120.0	Azimuth --		90 deg	
Date commenced	09.05.98		..te completed	09.05.98	
Geologist	JD-B		Logged date	--	
Drilling Co.	Thompson		Method	rotary mud	
Casing from (m)	--		To	--	
Water Table (m)	--		Date measured	--	
Hole Diam. (cm)	12		Plugged (Y/N)	N	
Date plotted	28.07.98				

CUM066

Prospect: Recon

Project: 9261
Name: CUJV
Tenement: EL2275

Depth
Gamma 0-1000 cps (corr)
Gamma 0-5000 cps (corr)
R (100-0 nominal)
SP (0-100 nominal)
eU3O8 (calc)
0-2,500 ppm
0.5 m intersections >= 100 ppm ave.



PALADIN RESOURCES NL

Geophysical Logging

			RUN 1	RUN	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	0.0	--
Probe No.	gamma 689	gamma to (m)	120.0	30.0	--
Date Logged	10.05.98	gamma speed (m/min)	3	3	--
Operator	GJ	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	120.0	--	--
Notes	ok SP, R	electric speed (m/min)	8	--	--

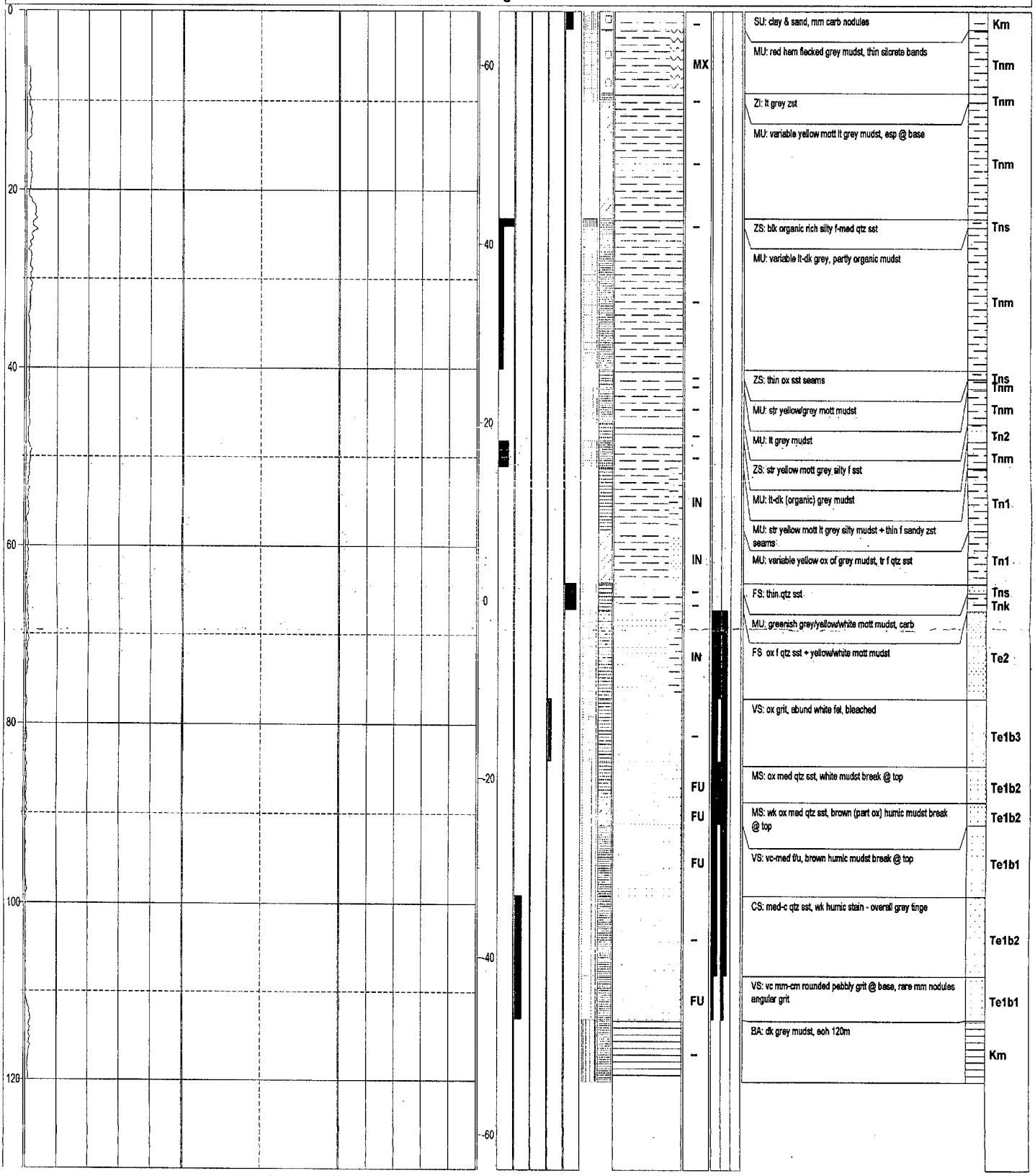
Co-ord local (m)	--	E	--	N	
Co-ord AMG	485517	E	6558049	N	
Collar Elev (m)	--	RL (m)	66.0	ADH	
Depth (m) 120.0	Azimuth --		90 deg		
Date commenced	10.05.98	Date completed	10.05.98		
Geologist	JD-B	Logged date	--		
Drilling Co.	Thompson	Method	rotary mud		
Casing from (m)	--	To	--		
Water Table (m)	--	Date measured	--		
Hole Diam. (cm)	12	Plugged (Y/N)	N		
Date plotted	28.07.98				

CUM067

Prospect: Recon

Project: 9261
Name: CUJV
Tenement: EL2275

Depth
Gamma 0-1000 cps (corr)
Gamma 0-5000 cps (corr)
R (100-0 nominal)
SP (0-100 nominal)
eU3O8 (calc)
0-2,500 ppm
0.5 m intersections >= 100 ppm ave.



Description & Comments	Lithol.	Unit
SU: clay & sand, mm carb nodules		Km
MU: red hem flecked grey mudst, thin silcrete bands		Tnm
ZI: lt grey zst		Tnm
MU: variable yellow mott lt grey mudst, esp @ base		Tnm
ZS: blk organic rich silty f-med qtz sst		Tns
MU: variable lt-dk grey, partly organic mudst		Tnm
ZS: thin ox sst seams		Tns
MU: str yellow/grey mott mudst		Tnm
MU: lt grey mudst		Tn2
ZS: str yellow mott grey silty f sst		Tnm
MU: lt-dk (organic) grey mudst		Tn1
MU: str yellow mott lt grey silty mudst + thin f sandy zst seams		
MU: variable yellow ox of grey mudst, tr f qtz sst		Tn1
FS: thin qtz sst		Tns
MU: greenish grey/yellow/white mott mudst, carb		Tnk
FS ox f qtz sst + yellow/white mott mudst		Te2
VS: ox grit, abund white fel, bleached		Te1b3
MS: ox med qtz sst, white mudst break @ top		Te1b2
MS: wk ox med qtz sst, brown (part ox) humic mudst break @ top		Te1b2
VS: vc-med f/u, brown humic mudst break @ top		Te1b1
CS: med-c qtz sst, wk humic stain - overall grey tinge		Te1b2
VS: vc mm-cm rounded pebbly grit @ base, rare mm nodules angular grit		Te1b1
BA: dk grey mudst, eoh 120m		Km

PALADIN RESOURCES NL

Geophysical Logging

			RUN 1	RUN	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	0.0	--
Probe No.	gamma 689	gamma to (m)	114.0	30.0	--
Date Logged	10.05.98	gamma speed (m/min)	3	3	--
Operator	GJ	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	114.0	--	--
Notes	bad SP, R	electric speed (m/min)	8	--	--

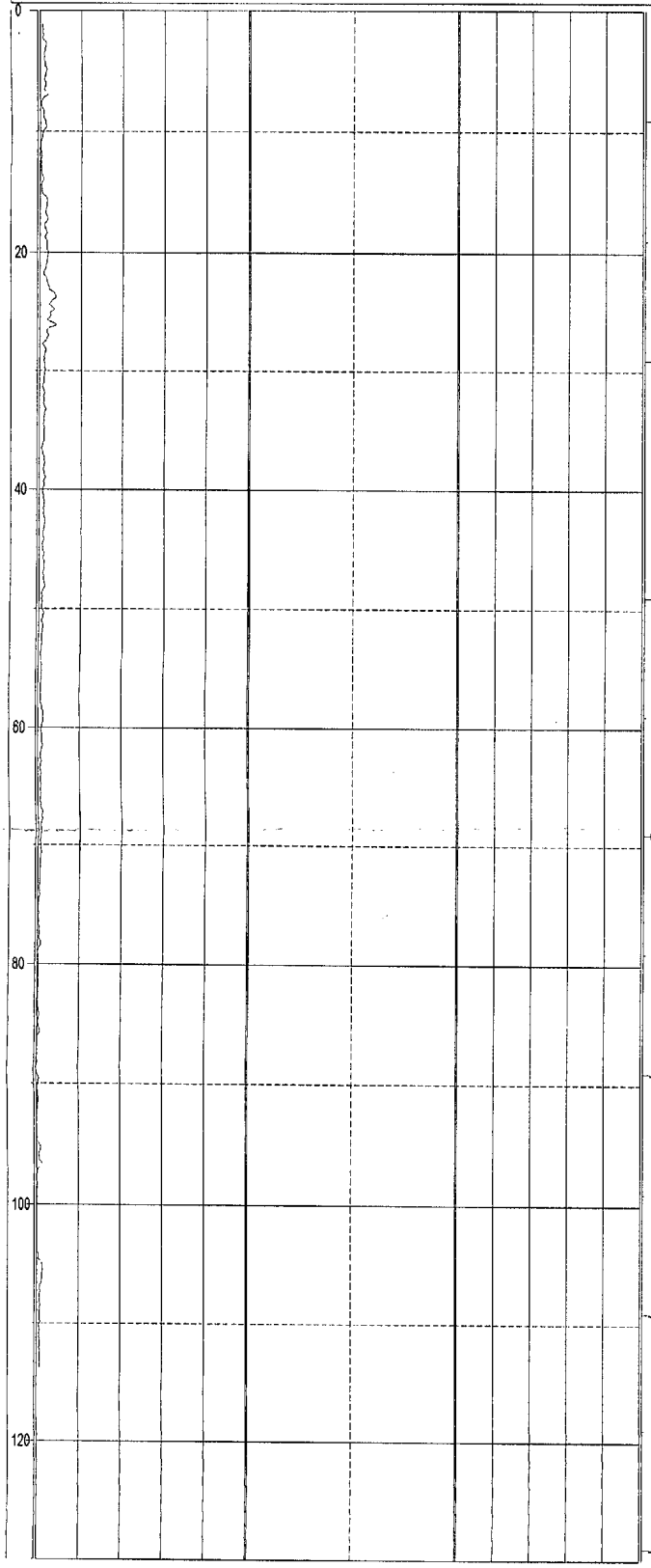
Co-ord local (m)	--	E	--	N
Co-ord AMG	485539	E	6556688	N
Collar Elev (m)	--	RL (m)	69.0	ADH
Depth (m) 114.0	Azimuth --		90 deg	
Date commenced	10.05.98	Date completed	10.05.98	
Geologist	JD-B	Logged date	--	
Drilling Co.	Thompson	Method	rotary mud	
Casing from (m)	--	To	--	
Water Table (m)	--	Date measured	--	
Hole Diam. (cm)	12	Plugged (Y/N)	N	
Date plotted	28.07.98			

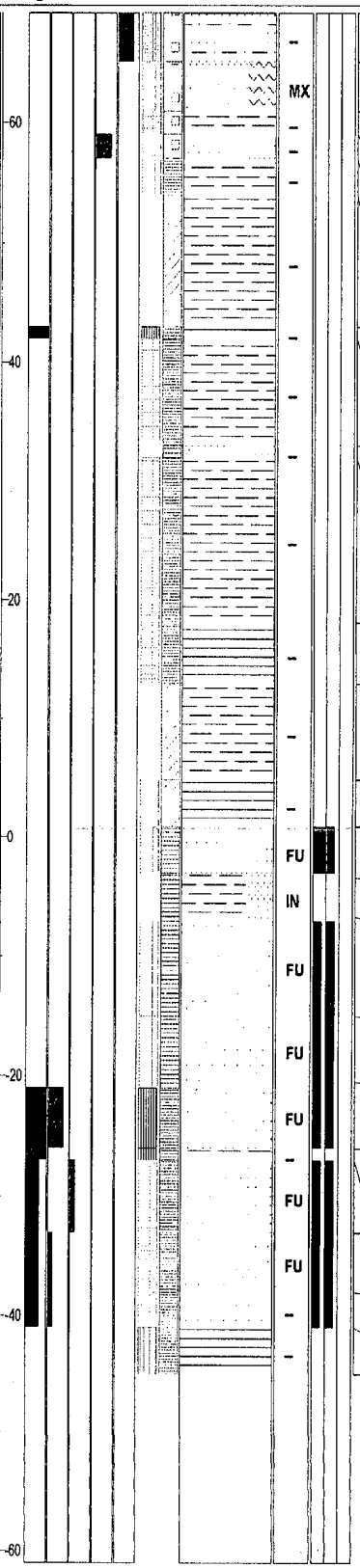
CUM068

Prospect: Recon

Project: 9261
Name: CUJV
Tenement: EL2275

Depth
Gamma 0-1000 cps (corr)
Gamma 0-5000 cps (corr)
R (100-0 nominal)
SP (0-100 nominal)
eU3O8 (calc)
0-2,500 ppm
0.5 m intersections >= 100 ppm ave.





Description & Comments	Lithol.	Unit
SU: sand & clay, mm specks carb		Q
FS: silica cemented f sand & mud		Tns
MU: red/grey mott mudst		Tnm
MS: tan ox med sst		Tns
MU: lt grey mudst		Tnm
MU: yellow/grey mott mudst, yellow-brown @ base		Tnm
Zl: minor blk organic zst		Tnm
MU: grey mudst		Tnm
FS: elog, prob thin ox sst bed		Tn3
MU: few patches str lim yellow mottling + yellow nontronite stain, variable grey mudst		Tnm
Zl: elog, grey zst		Tn1
MU: str yellow mott variable grey mudst		Tnm
Zl: white clay rich zst + bands? green zst		Te2
MS: f-med ox sst		Te2
MU: bleached white mudst, yellow lim st, prob some f sst		Tem
CS: grit f/u to med cycle		Te1b3
CS: c ox sst, white bleached mudst break @ top		Te1b2
VS: grit-c, f/u sequ blk oily organic mx, a few mm pebs @ base		Te1b1
MU: dk brown-blk mudst		Tem
VS: grey reduc vc-c sst		Te1a2
CS: grey reduc c sst, vc pebbly @ base		Te1a1
CS: grey cm pebbly c sst, rare cm woody frag		Te1a1
BA: dk grey mudst, eoh 114m		Km

PALADIN RESOURCES NL

Geophysical Logging

			RUN 1	RUN	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	--	--
Probe No.	gamma 689	gamma to (m)	108.0	--	--
Date Logged	10.05.98	gamma speed (m/min)	3	--	--
Operator	GJ	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	108.0	--	--
Notes	poor SP, bad R	electric speed (m/min)	8	--	--

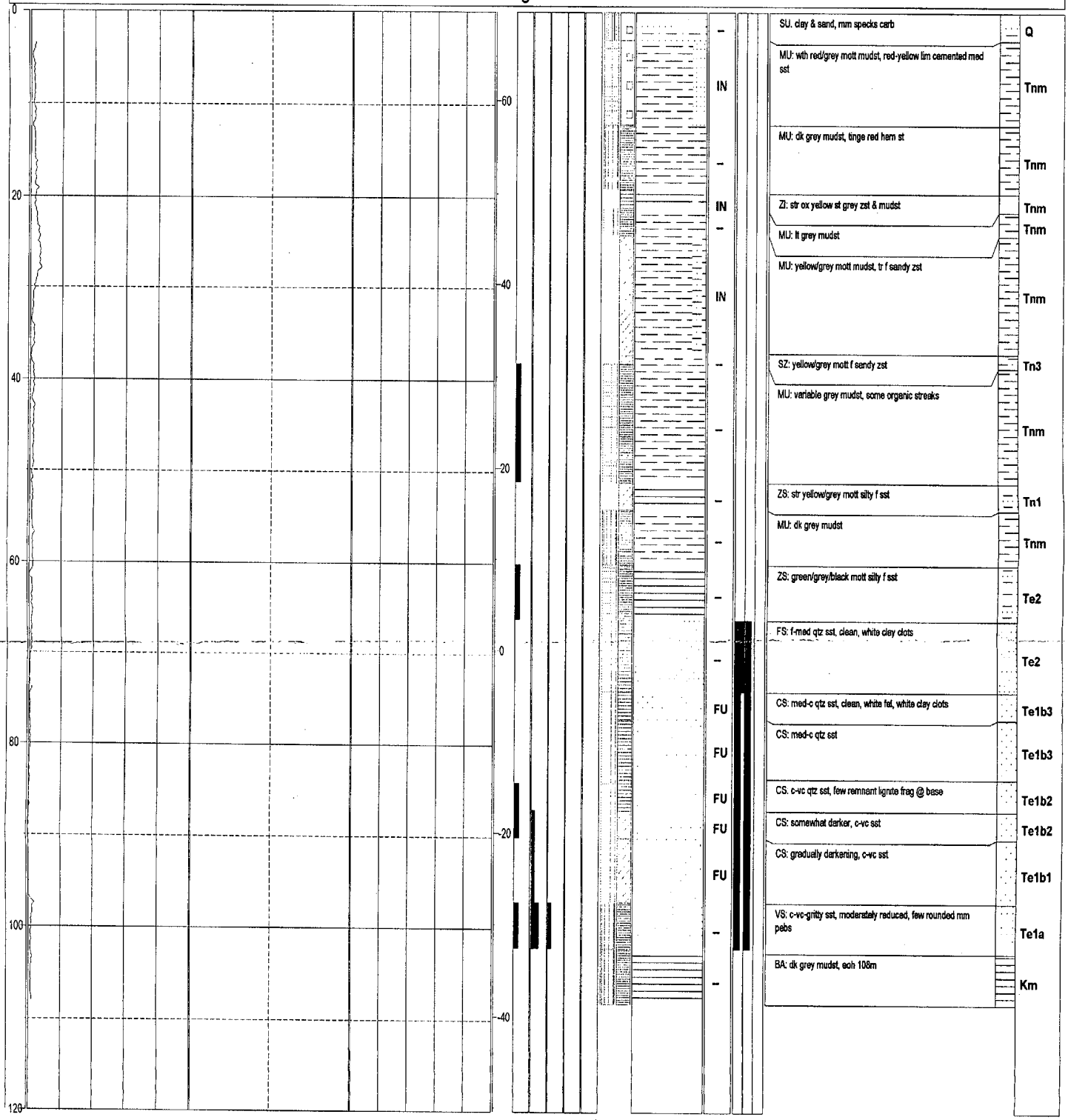
Co-ord local (m)	--		E	--	N
Co-ord AMG	482796		E	6554648	N
Collar Elev (m)	--		RL (m)	69.5	ADH
Depth (m)	108.0	Azimuth	--		90 deg
Date commenced	10.05.98		Date completed	10.05.98	
Geologist	JD-B		Logged date	--	
Drilling Co.	Thompson		Method	rotary mud	
Casing from (m)	--		To	--	
Water Table (m)	--		Date measured	--	
Hole Diam. (cm)	12		Plugged (Y/N)	N	
Date plotted	28.07.98				

CUM069

Prospect: Recon

Project: 9261
Name: CUJV
Tenement: EL2275

Depth
Gamma 0-1000 cps (corr)
Gamma 0-5000 cps (corr)
R (100-0 nominal)
SP (0-100 nominal)
eU3O8 (calc) 0-2,500 ppm
0.5 m intersections >= 100 ppm ave.



Description & Comments	Lithol. Unit
SU: clay & sand, mm specks carb	Q
MU: wth red/grey mott mudst, red-yellow lim cemented med sst	Tnm
MU: dk grey mudst, tinge red hem st	Tnm
ZI: str ox yellow st grey zst & mudst	Tnm
MU: lt grey mudst	Tnm
MU: yellow/grey mott mudst, tr f sandy zst	Tnm
SZ: yellow/grey mott f sandy zst	Tn3
MU: variable grey mudst, some organic streaks	Tnm
ZS: str yellow/grey mott silty f sst	Tn1
MU: dk grey mudst	Tnm
ZS: green/grey/black mott silty f sst	Te2
FS: f-med qtz sst, clean, white clay clots	Te2
CS: med-c qtz sst, clean, white fel, white clay clots	Te1b3
CS: med-c qtz sst	Te1b3
CS. c-vc qtz sst, few remnant lignite frag @ base	Te1b2
CS: somewhat darker, c-vc sst	Te1b2
CS: gradually darkening, c-vc sst	Te1b1
VS: c-vc-gritty sst, moderately reduced, few rounded mm pebs	Te1a
BA: dk grey mudst, eoh 108m	Km

PALADIN RESOURCES NL

Geophysical Logging

			RUN 1	RUN	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	--	--
Probe No.	gamma 689	gamma to (m)	108	--	--
Date Logged	11.05.98	gamma speed (m/min)	3	--	--
Operator	GJ	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	108.0	--	--
Notes	bad SP, R	electric speed (m/min)	8	--	--

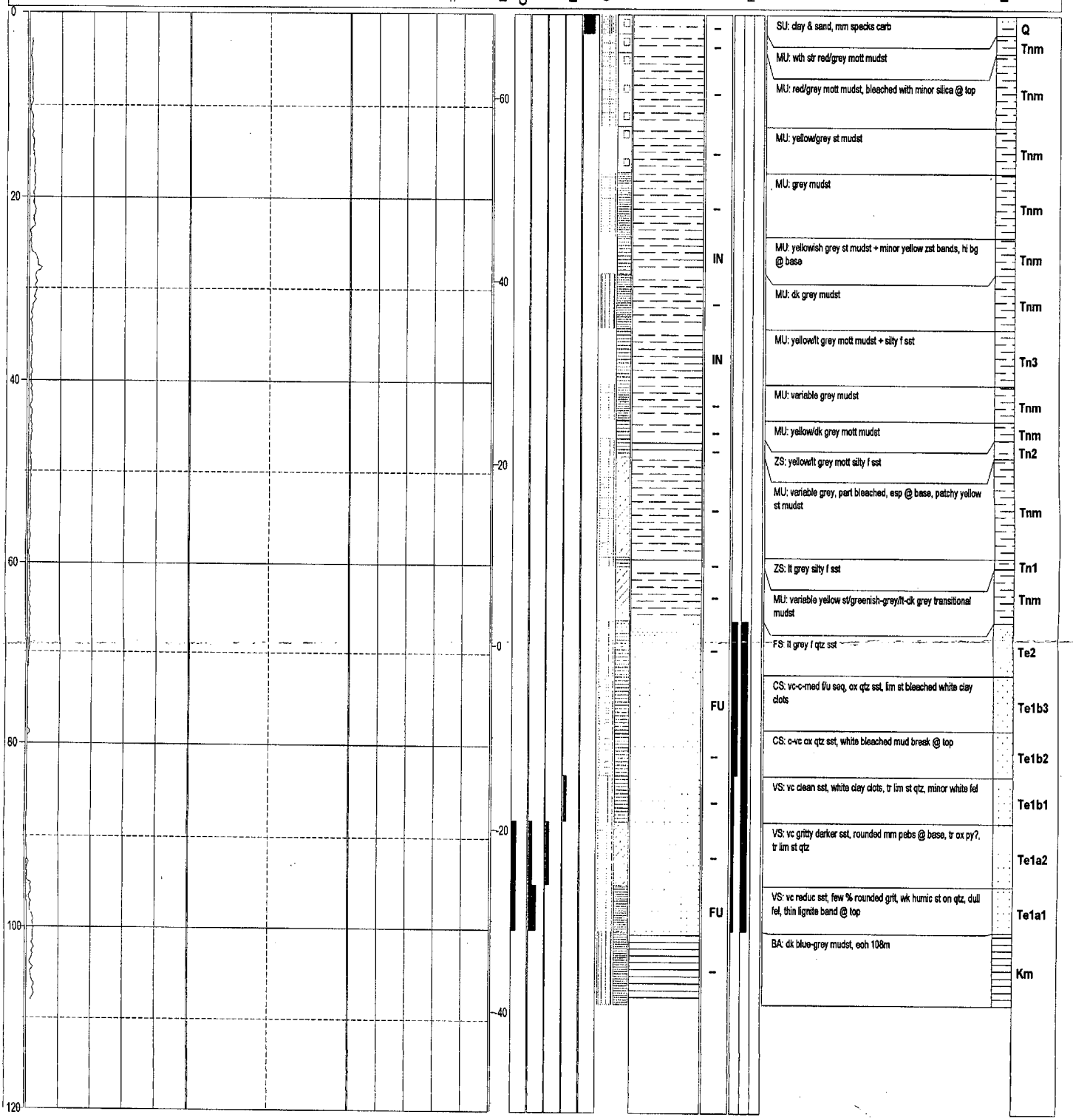
Co-ord local (m)	--		E	--	N
Co-ord AMG	482859		E	6554109	N
Collar Elev (m)	--		RL (m)	69.0	ADH
Depth (m)	108.0	Azimuth	--		90 deg
Date commenced	11.05.98		ate completed	11.05.98	
Geologist	JD-B		Logged date	--	
Drilling Co.	Thompson		Method	rotary mud	
Casing from (m)	--		To	--	
Water Table (m)	--		Date measured	--	
Hole Diam. (cm)	12		Plugged (Y/N)	N	
Date plotted	28.07.98				

CUM070

Prospect: Recon

Project: 9261
Name: CUJV
Tenement: EL2275

Depth
Gamma 0-1000 cps (corr)
Gamma 0-5000 cps (corr)
R (100-0 nominal)
SP (0-100 nominal)
eU3O8 (calc)
0-2,500 ppm
0.5 m intersections >= 100 ppm ave.



Description & Comments	Lithol.	Unit
SU: clay & sand, mm specks carb		Q
MU: wth str red/grey mott mudst		Tnm
MU: red/grey mott mudst, bleached with minor silica @ top		Tnm
MU: yellow/grey st mudst		Tnm
MU: grey mudst		Tnm
MU: yellowish grey st mudst + minor yellow zst bands, hi bg @ base		Tnm
MU: dk grey mudst		Tnm
MU: yellow/lt grey mott mudst + silty f sst		Tn3
MU: variable grey mudst		Tnm
MU: yellow/dk grey mott mudst		Tnm
ZS: yellow/lt grey mott silty f sst		Tn2
MU: variable grey, part bleached, esp @ base, patchy yellow st mudst		Tnm
ZS: lt grey silty f sst		Tn1
MU: variable yellow st/greenish-grey/lt-dk grey transitional mudst		Tnm
FS: lt grey f qtz sst		Te2
CS: vc-c-med l/u seq, ox qtz sst, lim st bleached white clay clots		Te1b3
CS: c-vc ox qtz sst, white bleached mud break @ top		Te1b2
VS: vc clean sst, white clay clots, tr lim st qtz, minor white fel		Te1b1
VS: vc gritty darker sst, rounded mm pebs @ base, tr ox py?, tr lim st qtz		Te1a2
VS: vc reduc sst, few % rounded grit, wk humic st on qtz, dull fel, thin lignite band @ top		Te1a1
BA: dk blue-grey mudst, eoh 108m		Km

PALADIN RESOURCES NL

Geophysical Logging

			RUN 1	RUN	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	--	--
Probe No.	gamma 689	gamma to (m)	102.0	--	--
Date Logged	11.05.98	gamma speed (m/min)	3	--	--
Operator	GJ	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	102.0	--	--
Notes	bad SP, R	electric speed (m/min)	8	--	--

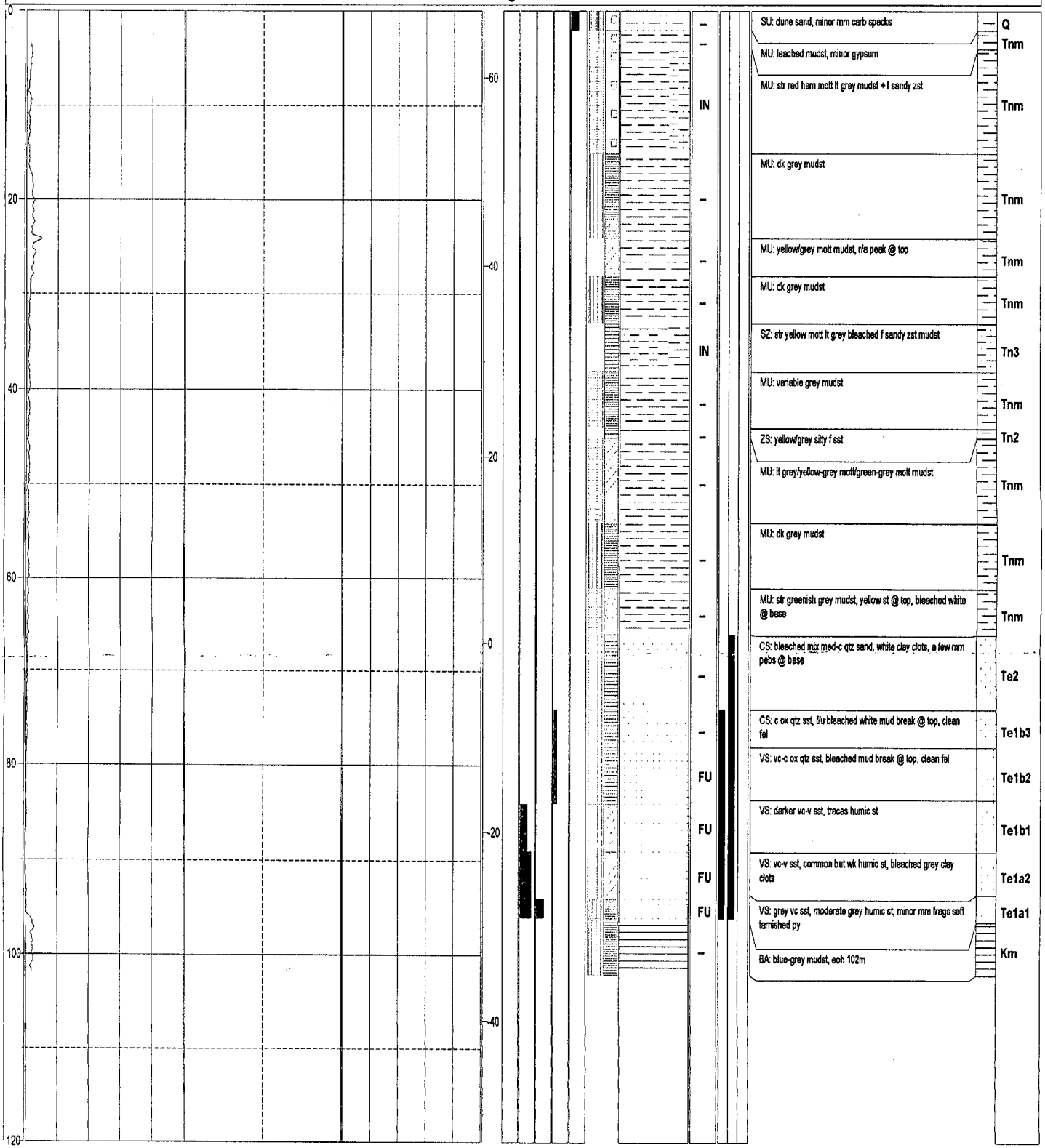
Co-ord local (m)	--		E	--	N
Co-ord AMG	482692		E	6555100	N
Collar Elev (m)	--		RL (m)	67.0	ADH
Depth (m)	102.0	Azimuth	--		90 deg
Date commenced	11.05.98		Date completed	11.05.98	
Geologist	JD-B		Logged date	--	
Drilling Co.	Thompson		Method	rotary mud	
Casing from (m)	--		To	--	
Water Table (m)	--		Date measured	--	
Hole Diam. (cm)	12		Plugged (Y/N)	N	
Date plotted	28.07.98				

CUM071

Prospect: Recon

Project: 9261
Name: CUJV
Tenement: EL2275

Depth
Gamma 0-1000 cps (corr)
Gamma 0-5000 cps (corr)
R (100-0 nominal)
SP (0-100 nominal)
eU3O8 (calc)
0-2,500 ppm
0.5 m intersections >= 100 ppm ave.
RL (m)
Organic
Humic
Pyrite
Limon.
Carb.
Colour
Redox
Cuttings
Relator
Sorting
Rndness
Bedding
Description & Comments
Lithol.
Unit



Description & Comments	Unit
SU: dune sand, minor mm carb specks	Q
MU: leached mudst, minor gypsum	Tnm
MU: str red hem mott lt grey mudst + f sandy zst	Tnm
MU: dk grey mudst	Tnm
MU: yellow/grey mott mudst, r/a peak @ top	Tnm
MU: dk grey mudst	Tnm
SZ: str yellow mott lt grey bleached f sandy zst mudst	Tn3
MU: variable grey mudst	Tnm
ZS: yellow/grey silty f sst	Tn2
MU: lt grey/yellow-grey mott/green-grey mott mudst	Tnm
MU: dk grey mudst	Tnm
MU: str greenish grey mudst, yellow st @ top, bleached white @ base	Tnm
CS: bleached mix med-c qtz sand, white clay clots, a few mm pebs @ base	Te2
CS: c ox qtz sst, f/u bleached white mud break @ top, clean fel	Te1b3
VS: vc-c ox qtz sst, bleached mud break @ top, clean fel	Te1b2
VS: darker vc-v sst, traces humic st	Te1b1
VS: vc-v sst, common but wk humic st, bleached grey clay clots	Te1a2
VS: grey vc sst, moderate grey humic st, minor mm frags soft tarnished py	Te1a1
BA: blue-grey mudst, eoh 102m	Km

PALADIN RESOURCES NL

Geophysical Logging

			RUN 1	RUN	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	--	--
Probe No.	gamma 689	gamma to (m)	102.0	--	--
Date Logged	11.05.98	gamma speed (m/min)	3	--	--
Operator	GJ	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	102.0	--	--
Notes u/s SP, R		electric speed (m/min)	8	--	--

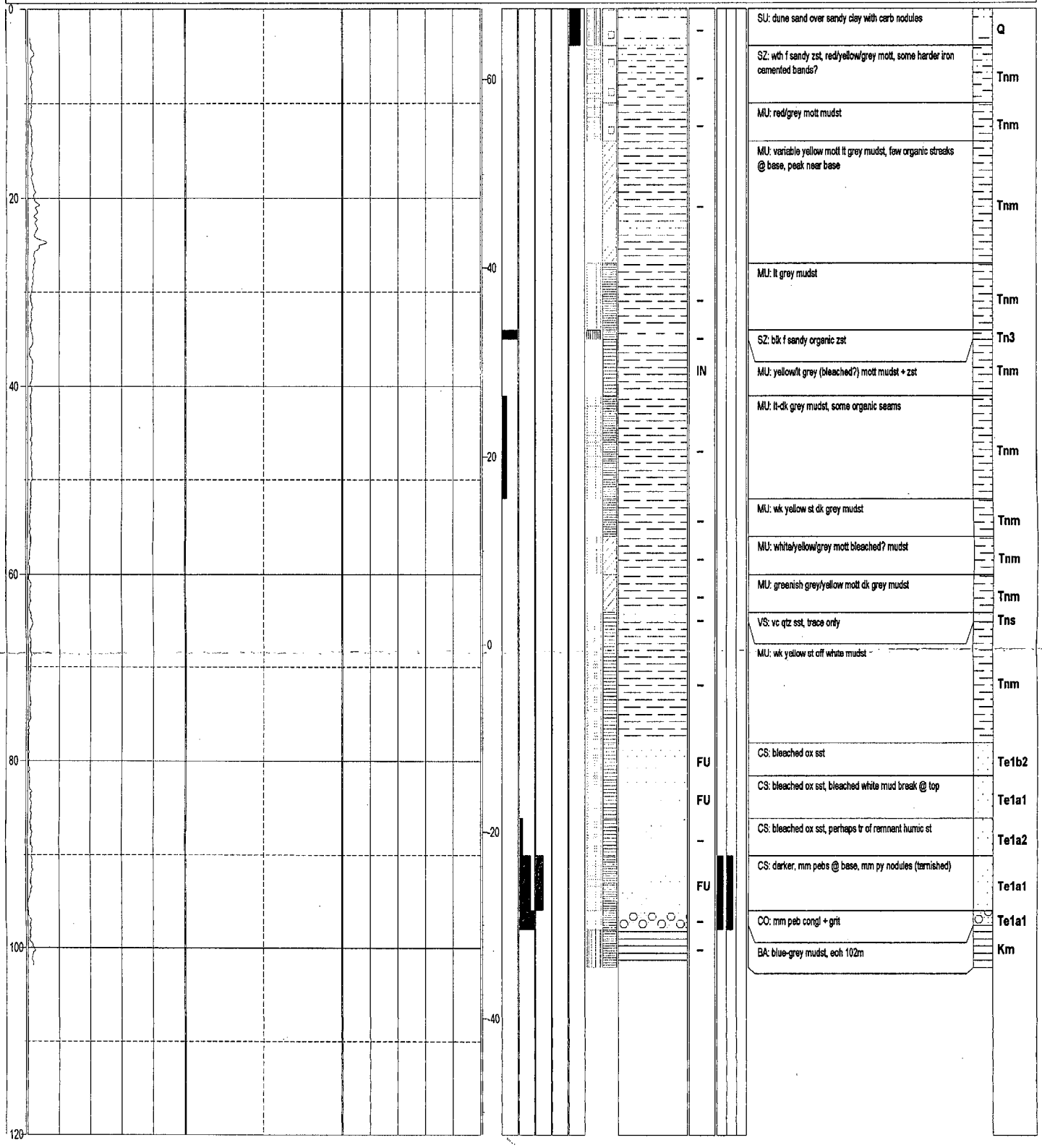
Co-ord local (m)	--		E	--	N
Co-ord AMG	482355		E	6551627	N
Collar Elev (m)	--		RL (m)	67.5	ADH
Depth (m)	102.0	Azimuth	--	)	90 deg
Date commenced	11.05.98		..te completed	11.05.98	
Geologist	JD-B		Logged date	--	
Drilling Co.	Thompson		Method	rotary mud	
Casing from (m)	--		To	--	
Water Table (m)	--		Date measured	--	
Hole Diam. (cm)	12		Plugged (Y/N)	N	
Date plotted	28.07.98				

CUM072

Prospect: Recon

Project: 9261
Name: CUJV
Tenement: EL2275

Depth — Gamma 0-1000 cps (corr) / Gamma 0-5000 cps (corr) — R (100-0 nominal) / SP (0-100 nominal) — eU3O8 (calc) 0-2,500 ppm, 0.5 m intersections >= 100 ppm ave.



Description & Comments	Lithol.	Unit
SU: dune sand over sandy clay with carb nodules		Q
SZ: wth f sandy zst, red/yellow/grey mott, some harder iron cemented bands?		Tnm
MU: red/grey mott mudst		Tnm
MU: variable yellow mott lt grey mudst, few organic streaks @ base, peak near base		Tnm
MU: lt grey mudst		Tnm
SZ: blk f sandy organic zst		Tn3
MU: yellow/lt grey (bleached?) mott mudst + zst		Tnm
MU: lt-dk grey mudst, some organic seams		Tnm
MU: wk yellow st dk grey mudst		Tnm
MU: white/yellow/grey mott bleached? mudst		Tnm
MU: greenish grey/yellow mott dk grey mudst		Tnm
VS: vc qtz sst, trace only		Tns
MU: wk yellow st off white mudst		Tnm
CS: bleached ox sst		Te1b2
CS: bleached ox sst, bleached white mud break @ top		Te1a1
CS: bleached ox sst, perhaps tr of remnant humic st		Te1a2
CS: darker, mm pebs @ base, mm py nodules (tarnished)		Te1a1
CO: mm peb congl + grit		Te1a1
BA: blue-grey mudst, ech 102m		Km

PALADIN RESOURCES NL

Geophysical Logging

			RUN 1	RUN	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	--	--
Probe No.	gamma 689	gamma to (m)	96.0	--	--
Date Logged	12.05.98	gamma speed (m/min)	3	--	--
Operator	GJ	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	86.0	--	--
Notes	bad SP, R	electric speed (m/min)	8	--	--

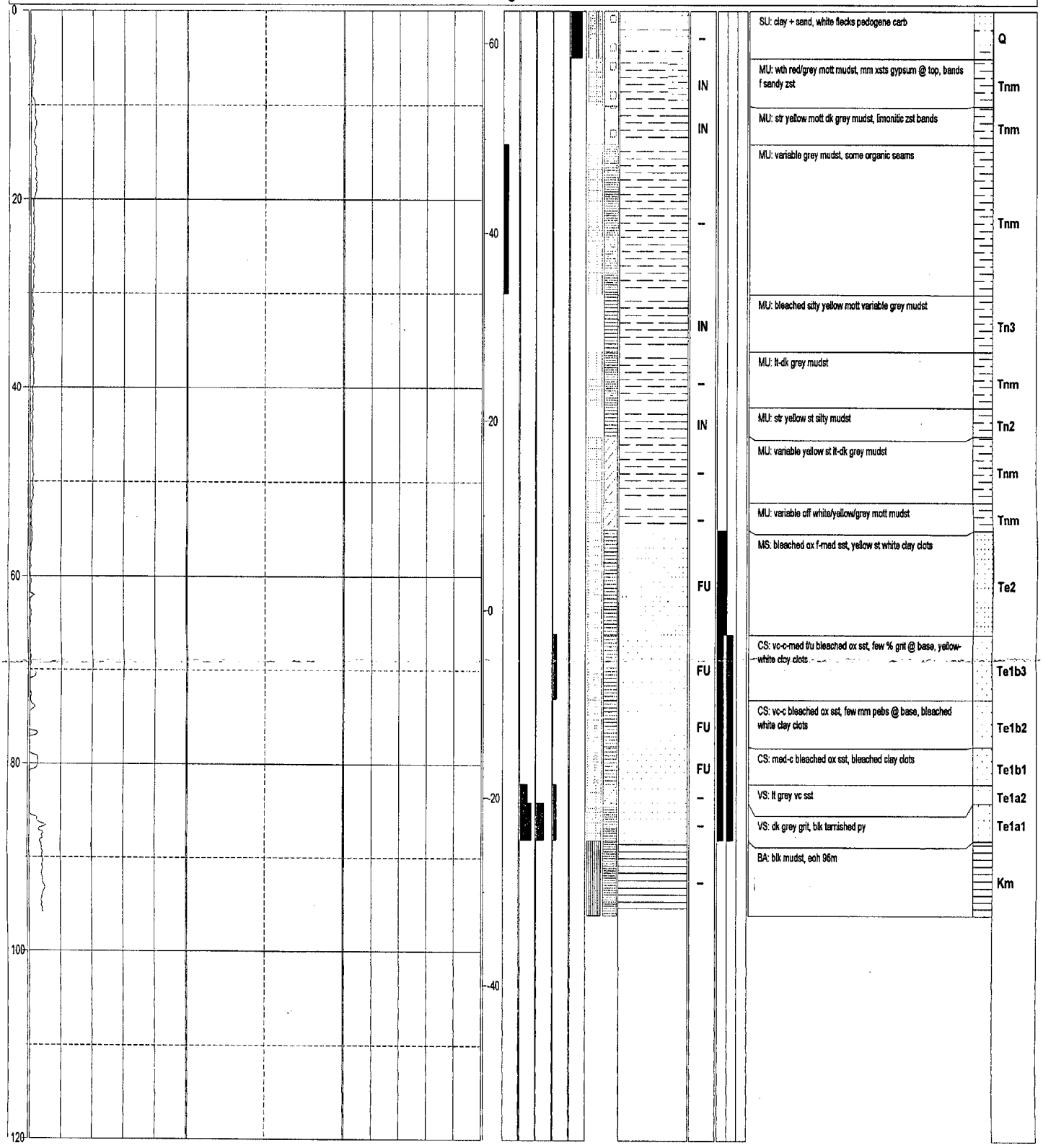
Co-ord local (m)	--		E	--	N
Co-ord AMG	478815		E	6544179	N
Collar Elev (m)	--		RL (m)	63.5	ADH
Depth (m)	96.0	Azimuth --		90 deg	
Date commenced	12.05.98		ate completed	12.05.98	
Geologist	JD-B		Logged date	--	
Drilling Co.	Thompson		Method	rotary mud	
Casing from (m)	--		To	--	
Water Table (m)	--		Date measured	--	
Hole Diam. (cm)	12		Plugged (Y/N)	N	
Date plotted	28.07.98				

CUM073

Prospect: Recon

Project: 9261
Name: CUJV
Tenement: EL2275

Depth
Gamma 0-1000 cps (corr)
Gamma 0-5000 cps (corr)
R (100-0 nominal)
SP (0-100 nominal)
eU3O8 (calc)
0-2,500 ppm
0.5 m intersections >= 100 ppm ave.
RL (m)
Organic
Humic
Pyrite
Limon.
Carb.
Colour
Redox
Cuttings
Relator
Sorting
Rndness
Bedding
Description & Comments
Lithol.
Unit



Description & Comments	Unit
SU: clay + sand, white flecks pedogene carb	Q
MU: wth red/grey mott mudst, mm xsts gypsum @ top, bands f sandy zst	Tnm
MU: str yellow mott dk grey mudst, limonitic zst bands	Tnm
MU: variable grey mudst, some organic seams	Tnm
MU: bleached silty yellow mott variable grey mudst	Tn3
MU: lt-dk grey mudst	Tnm
MU: str yellow st silty mudst	Tn2
MU: variable yellow st lt-dk grey mudst	Tnm
MU: variable off white/yellow/grey mott mudst	Tnm
MS: bleached ox f-med sst, yellow st white clay clots	Te2
CS: vc-c-med f/u bleached ox sst, few % grit @ base, yellow-white clay clots	Te1b3
CS: vc-c bleached ox sst, few mm pebs @ base, bleached white clay clots	Te1b2
CS: med-c bleached ox sst, bleached clay clots	Te1b1
VS: lt grey vc sst	Te1a2
VS: dk grey grit, blk tarnished py	Te1a1
BA: blk mudst, eoh 96m	Km

PALADIN RESOURCES NL

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	--	--
Probe No.	gamma 689	gamma to (m)	96.0	--	--
Date Logged	12.05.98	gamma speed (m/min)	3	--	--
Operator	GJ	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	96.0	--	--
Notes	poor SP, bad R	electric speed (m/min)	8	--	--

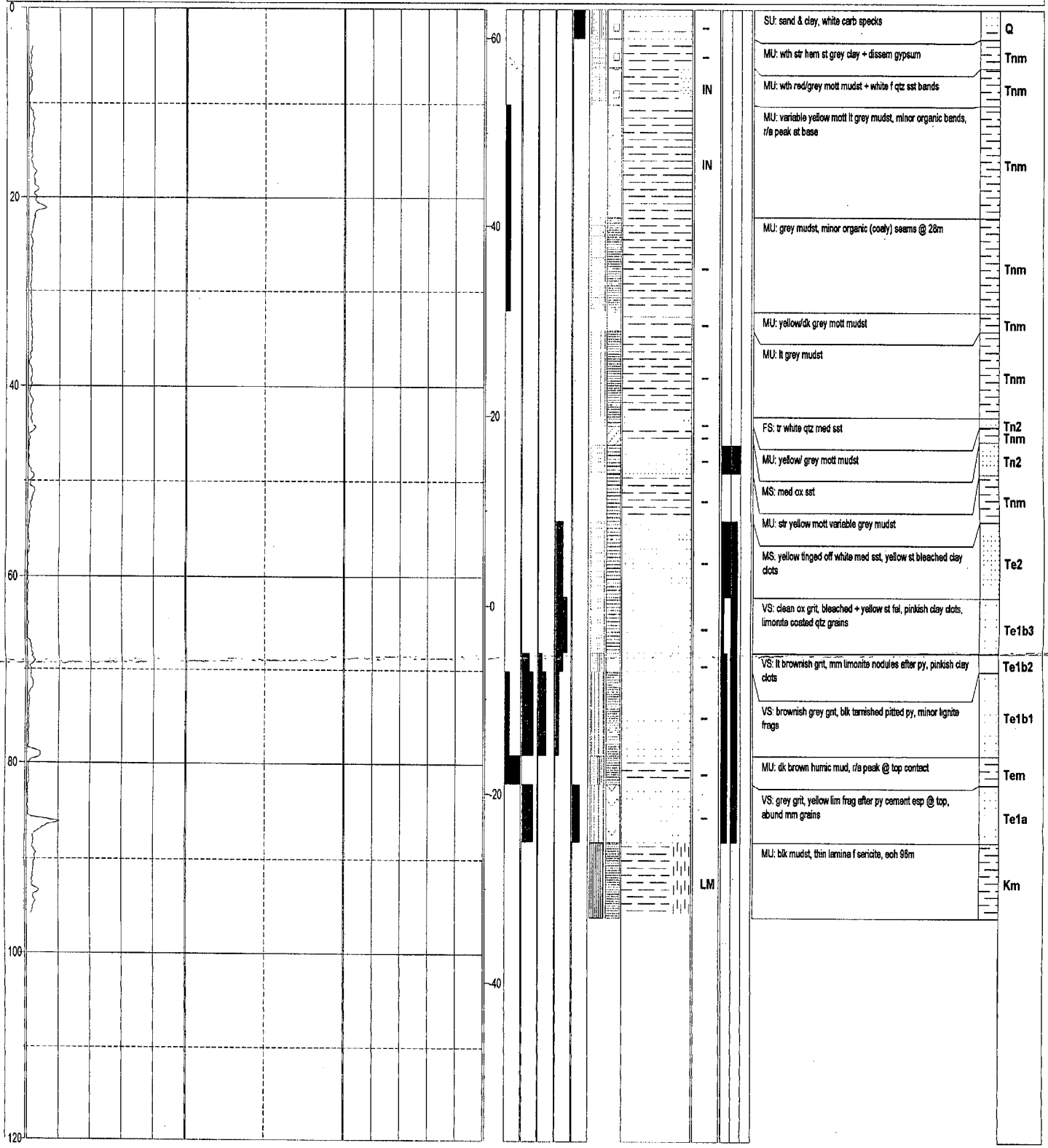
Co-ord local (m)	--	E	--	N
Co-ord AMG	478338	E	6545025	N
Collar Elev (m)	--	RL (m)	63.0	ADH
Depth (m) 96.0	Azimuth --		90 deg	
Date commenced	12.05.98	Date completed	12.05.98	
Geologist	JD-B	Logged date	--	
Drilling Co.	Thompson	Method	rotary mud	
Casing from (m)	--	To	--	
Water Table (m)	--	Date measured	--	
Hole Diam. (cm)	12	Plugged (Y/N)	N	
Date plotted	28.07.98			

CUM074

Prospect: Recon

Project: 9261
Name: CUJV
Tenement: EL2275

Depth | Gamma 0-1000 cps (corr) | Gamma 0-5000 cps (corr) | R (100-0 nominal) | SP (0-100 nominal) | eU3O8 (calc) 0-2,500 ppm (0.5 m intersections >= 100 ppm ave.) | RL (m) | Organic | Humic | Pyrite | Limon. | Carb. | Colour | Redox | Cuttings | Relator | Sorting | Rndness | Bedding | Description & Comments | Lithol. | Unit



Description & Comments	Unit
SU: sand & clay, white carb specks	Q
MU: wth str hem st grey clay + dissem gypsum	Tnm
MU: wth red/grey mott mudst + white f qtz sst bands	Tnm
MU: variable yellow mott lt grey mudst, minor organic bands, r/a peak at base	Tnm
MU: grey mudst, minor organic (coaly) seams @ 28m	Tnm
MU: yellow/dk grey mott mudst	Tnm
MU: lt grey mudst	Tnm
FS: tr white qtz med sst	Tn2
	Tnm
MU: yellow/ grey mott mudst	Tn2
MS: med ox sst	Tnm
MU: str yellow mott variable grey mudst	
MS: yellow tinged off white med sst, yellow st bleached clay clots	Te2
VS: clean ox grit, bleached + yellow st fel, pinkish clay clots, limonite coated qtz grains	Te1b3
VS: lt brownish grit, mm limonite nodules after py, pinkish clay clots	Te1b2
VS: brownish grey grit, blk tarnished pitted py, minor lignite frags	Te1b1
MU: dk brown humic mud, r/a peak @ top contact	Tem
VS: grey grit, yellow lim frag after py cement esp @ top, abund mm grains	Te1a
MU: blk mudst, thin lamina f sericite, ech 96m	Km

PALADIN RESOURCES NL

Geophysical Logging

			RUN 1	RUN	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	–	–
Probe No.	gamma 689	gamma to (m)	90.0	–	–
Date Logged	12.05.98	gamma speed (m/min)	3	–	–
Operator	GJ	electric from (m)	0.0	–	–
Open/Closed Hole	open	electric to (m)	90.0	–	–
Notes	ok SP, bad R	electric speed (m/min)	8	–	–

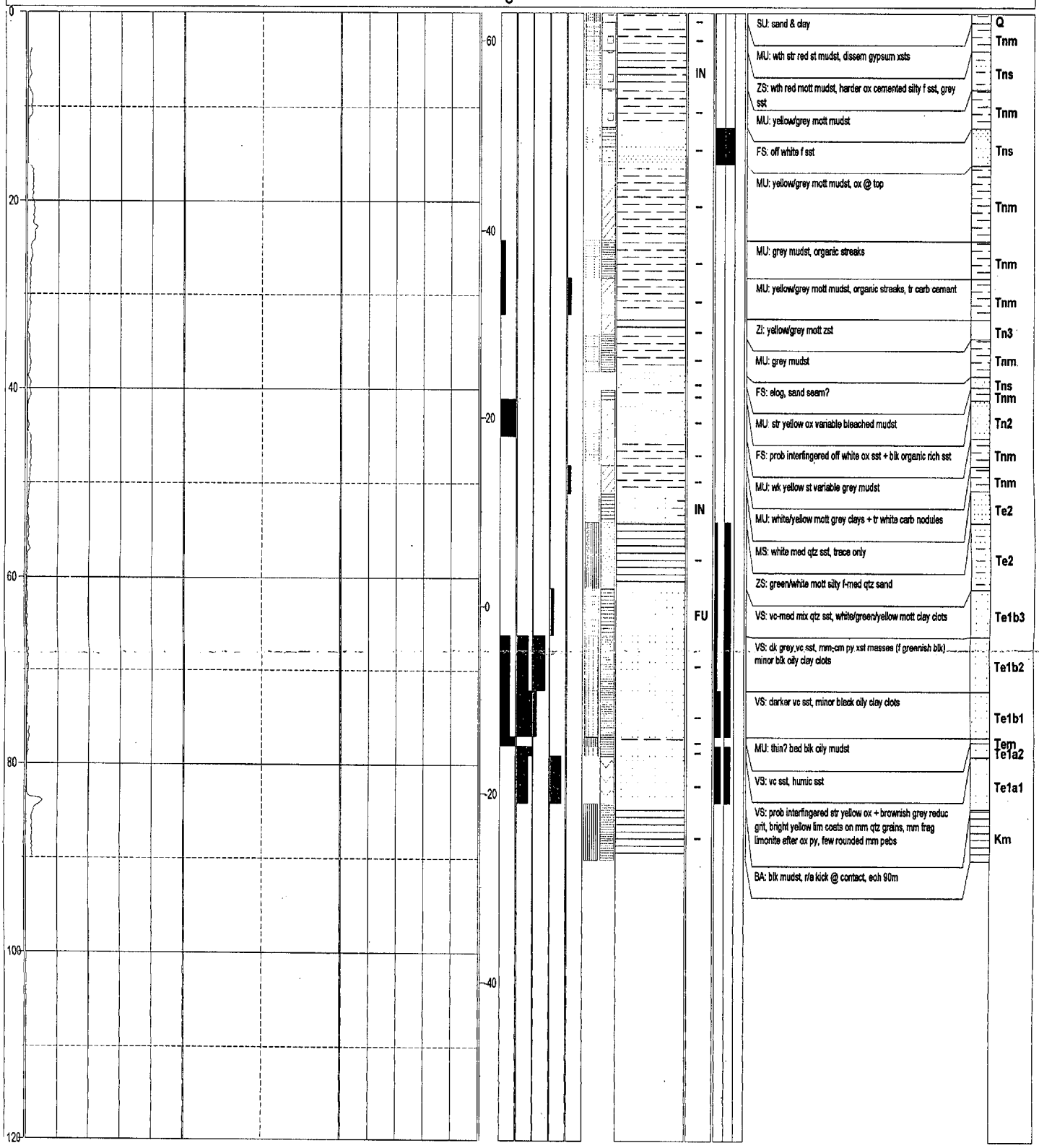
Co-ord local (m)	–		E	–	N
Co-ord AMG	478344		E	6544759	N
Collar Elev (m)	–		RL (m)	63.0	ADH
Depth (m)	90.0	Azimuth	–		90 deg
Date commenced	12.05.98		Date completed	12.05.98	
Geologist	JD-B		Logged date	–	
Drilling Co.	Thompson		Method	rotary mud	
Casing from (m)	–		To	–	
Water Table (m)	–		Date measured	–	
Hole Diam. (cm)	12		Plugged (Y/N)	N	
Date plotted	28.07.98				

CUM075

Prospect: Recon

Project: 9261
Name: CUJV
Tenement: EL2275

Depth — Gamma 0-1000 cps (corr) / Gamma 0-5000 cps (corr) — R (100-0 nominal) / SP (0-100 nominal) — eU3O8 (calc) 0-2,500 ppm, 0.5 m intersections >= 100 ppm ave.



Description & Comments	Lithol.	Unit
SU: sand & clay		Q
MU: wh str red st mudst, dissem gypsum xsts		Tnm
ZS: wth red mott mudst, harder ox cemented silty f sst, grey sst		Tns
MU: yellow/grey mott mudst		Tnm
FS: off white f sst		Tns
MU: yellow/grey mott mudst, ox @ top		Tnm
MU: grey mudst, organic streaks		Tnm
MU: yellow/grey mott mudst, organic streaks, tr carb cement		Tnm
ZI: yellow/grey mott zst		Tn3
MU: grey mudst		Tnm
FS: slog, sand seam?		Tns
MU: str yellow ox variable bleached mudst		Tnm
FS: prob interfingered off white ox sst + blk organic rich sst		Tn2
MU: wk yellow st variable grey mudst		Tnm
MU: white/yellow mott grey clays + tr white carb nodules		Tnm
MS: white med qtz sst, trace only		Te2
ZS: green/white mott silty f-med qtz sand		Te2
VS: vc-med mix qtz sst, white/green/yellow mott clay clots		Te1b3
VS: dk grey,vc sst, mm-cm py xst masses (f greenish blk) minor blk oily clay clots		Te1b2
VS: darker vc sst, minor black oily clay clots		Te1b1
MU: thin? bed blk oily mudst		Tem
VS: vc sst, humic sst		Te1a2 Te1a1
VS: prob interfingered str yellow ox + brownish grey reduc grit, bright yellow lim coats on mm qtz grains, mm frag limonite after ox py, few rounded mm pebs		Km
BA: blk mudst, r/a kick @ contact, eoh 90m		

PALADIN RESOURCES NL

Geophysical Logging

			RUN 1	RUN	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	76.0	--
Probe No.	gamma 689	gamma to (m)	96.0	80.0	--
Date Logged	13.05.98	gamma speed (m/min)	3	2	--
Operator	GJ	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	96.0	--	--
Notes	poor SP, bad R	electric speed (m/min)	8	--	--

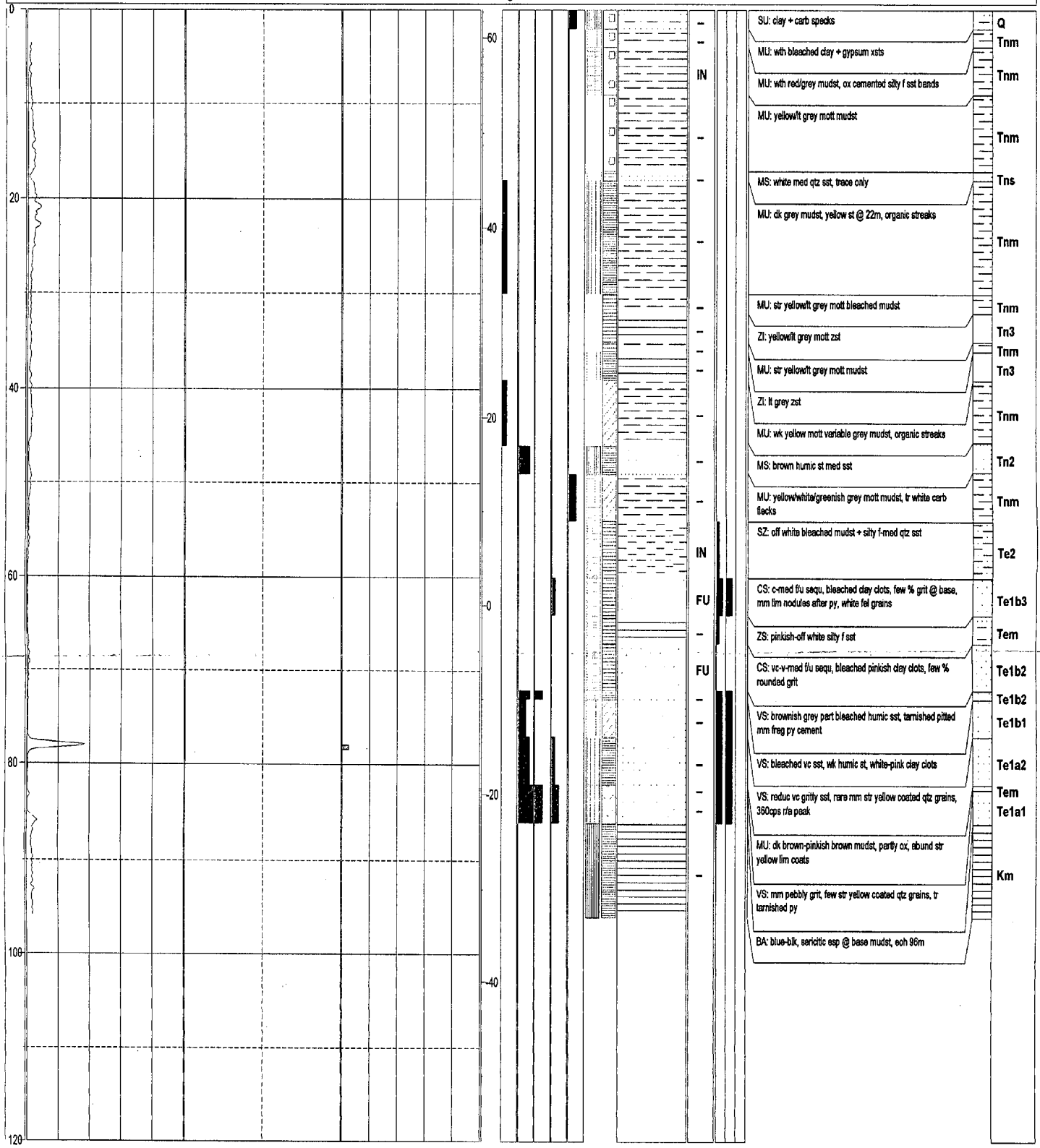
Co-ord local (m)	--	E	--	N	
Co-ord AMG	478763	E	6544785	N	
Collar Elev (m)	--	RL (m)	63.0	ADH	
Depth (m) 96.0	Azimuth --	)	90 deg		
Date commenced	13.05.98	ete completed	13.05.98		
Geologist	JD-B	Logged date	--		
Drilling Co.	Thompson	Method	rotary mud		
Casing from (m)	--	To	--		
Water Table (m)	--	Date measured	--		
Hole Diam. (cm)	12	Plugged (Y/N)	N		
Date plotted	28.07.98				

CUM076

Prospect: Recon

Project: 9261
Name: CUJV
Tenement: EL2275

Depth | Gamma 0-1000 cps (corr) / Gamma 0-5000 cps (corr) | R (100-0 nominal) / SP (0-100 nominal) | eU3O8 (calc) 0-2,500 ppm, 0.5 m intersections >= 100 ppm eve. | RL (m) | Organic | Humic | Pyrite | Limon. | Carb. | Colour | Redox | Cuttings | Relator | Sorting | Rndness | Bedding | Description & Comments | Lithol. | Unit



PALADIN RESOURCES NL

Geophysical Logging

			RUN 1	RUN	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	0.0	--
Probe No.	gamma 689	gamma to (m)	90.0	90.0	--
Date Logged	13.05.98	gamma speed (m/min)	3	3	--
Operator	GJ	electric from (m)	0.0	0.0	--
Open/Closed Hole	open	electric to (m)	90.0	90.0	--
Notes	bad SP, R	electric speed (m/min)	8	9	--

Co-ord local (m)	--		E	--	N
Co-ord AMG	477966		E	6545044	N
Collar Elev (m)	--		RL (m)	62.5	ADH
Depth (m)	90.0	Azimuth	--		90 deg
Date commenced	13.05.98		Date completed	13.05.98	
Geologist	JD-B		Logged date	--	
Drilling Co.	Thompson		Method	rotary mud	
Casing from (m)	--		To	--	
Water Table (m)	--		Date measured	--	
Hole Diam. (cm)	12		Plugged (Y/N)	N	
Date plotted	28.07.98				

CUM077

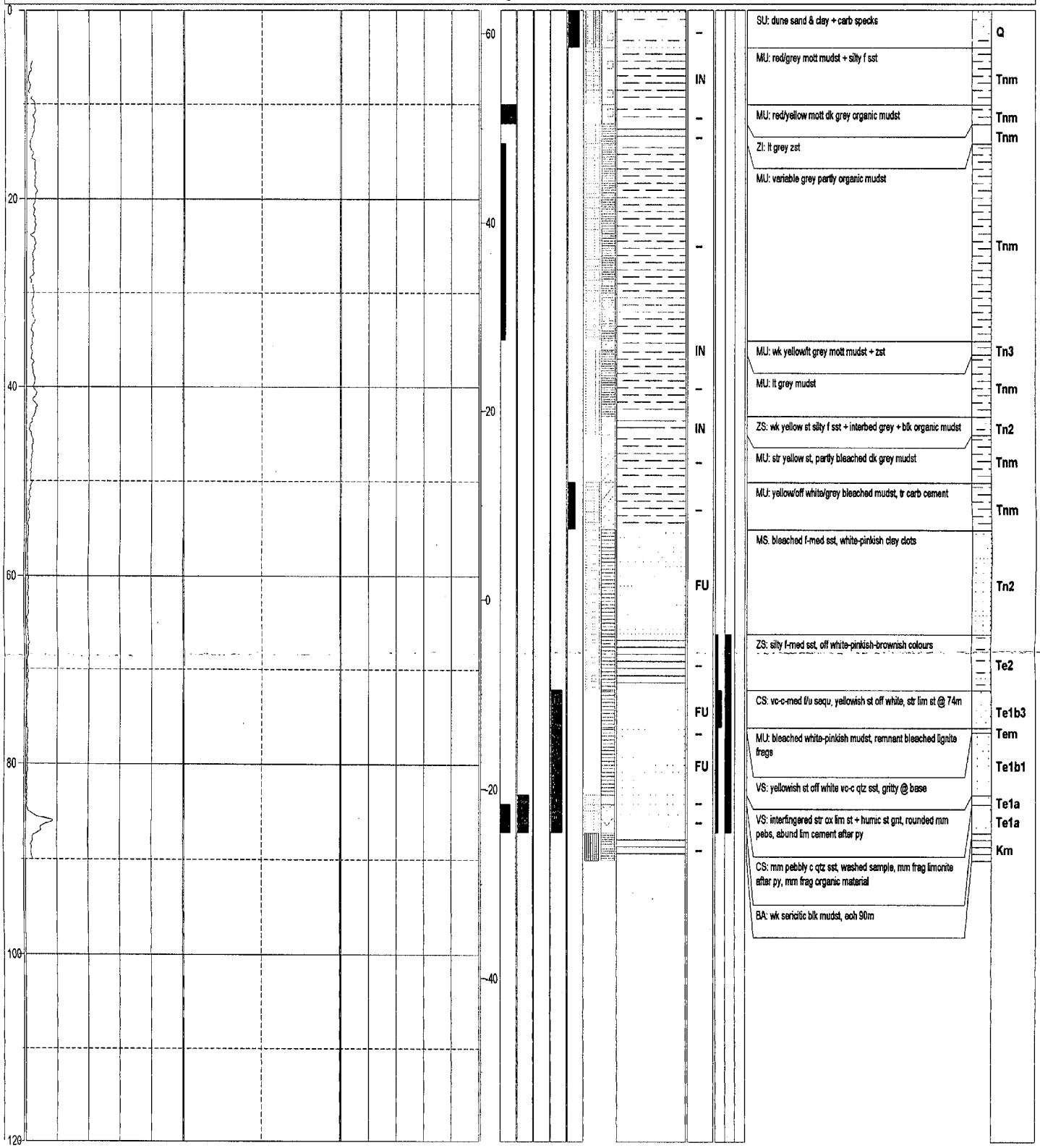
Prospect: Recon

Project: 9261

Name: CUJV

Tenement: EL2275

Depth | Gamma 0-1000 cps (corr) | Gamma 0-5000 cps (corr) | R (100-0 nominal) | SP (0-100 nominal) | eU3O8 (calc) 0-2,500 ppm 0.5 m intersections >= 100 ppm ave. | RL (m) | Organic | Humic | Pyrite | Limon. | Carb. | Colour | Redox | Cuttings | Relator | Sorting | Rndness | Bedding | Description & Comments | Lithol. | Unit



PALADIN RESOURCES NL

Geophysical Logging

			RUN 1	RUN	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	58.0	0.0	--
Probe No.	gamma 689	gamma to (m)	88.0	90.0	--
Date Logged	14.05.98	gamma speed (m/min)	3	3	--
Operator	GJ	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	90.0	--	--
Notes	bas SP, R	electric speed (m/min)	8	--	--

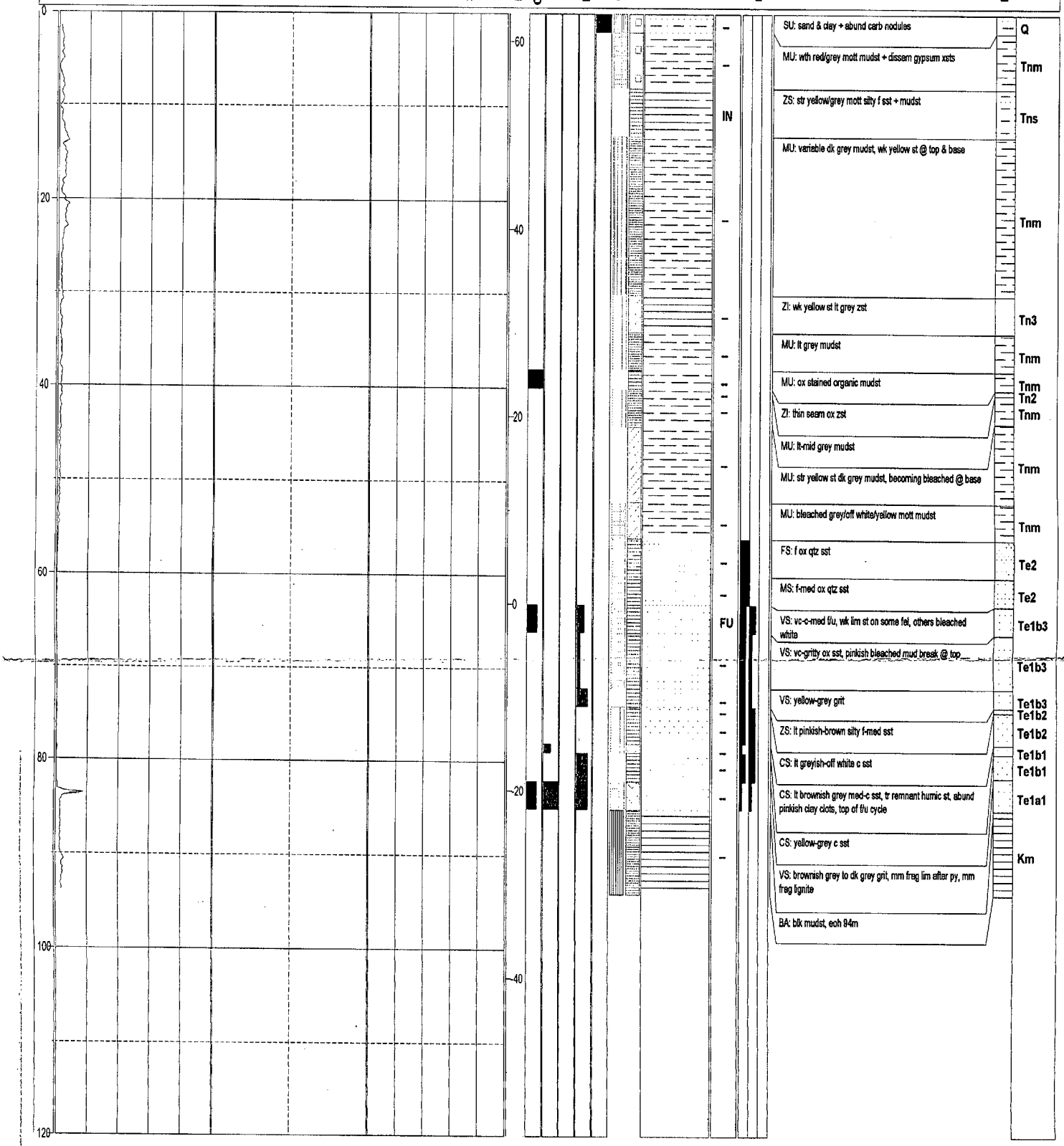
Co-ord local (m)	--		E	--	N
Co-ord AMG	477444		E	6545073	N
Collar Elev (m)	--		RL (m)	63.0	ADH
Depth (m)	90.0	Azimuth --		90 deg	
Date commenced	14.05.98		ate completed	14.05.98	
Geologist	JD-B		Logged date	--	
Drilling Co.	Thompson		Method	rotary mud	
Casing from (m)	--		To	--	
Water Table (m)	--		Date measured	--	
Hole Diam. (cm)	12		Plugged (Y/N)	N	
Date plotted	28.07.98				

CUM078

Prospect: Recon

Project: 9261
Name: CUJV
Tenement: EL2275

Depth | Gamma 0-1000 cps (corr) / Gamma 0-5000 cps (corr) | R (100-0 nominal) / SP (0-100 nominal) | eU3O8 (calc) 0-2,500 ppm, 0.5 m intersections >= 100 ppm ave. | RL (m) | Organic | Humic | Pyrite | Limon. | Carb. | Colour | Redox | Cuttings | Relator | Sorting | Rndness | Bedding | Description & Comments | Lithol. | Unit



PALADIN RESOURCES NL

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	70.0	70.0	0.0
Probe No.	gamma 689	gamma to (m)	85.2	85.2	85.2
Date Logged	13.05.98	gamma speed (m/min)	3	3	3
Operator	GJ	electric from (m)	--	--	--
Open/Closed Hole	open	electric to (m)	--	--	--
Notes	ok SP, bad R	electric speed (m/min)	8	--	--

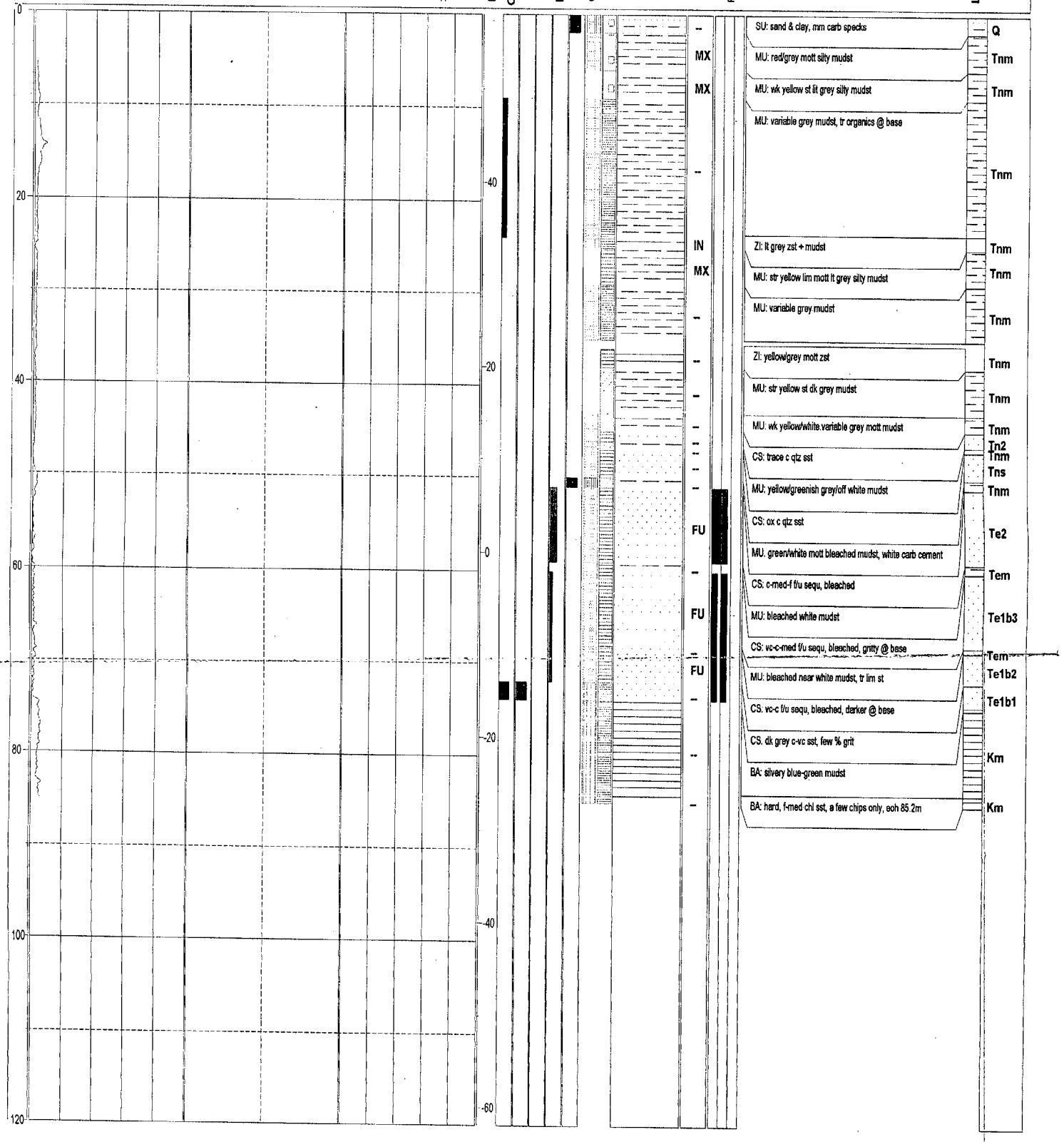
Co-ord local (m)	--	E	--	N	
Co-ord AMG	475443	E	6545068	N	
Collar Elev (m)	--	RL (m)	58.0	ADH	
Depth (m) 85.2	Azimuth --		90 deg		
Date commenced	13 05 98	Date completed	13.05.98		
Geologist	JD-B	Logged date	--		
Drilling Co.	Thompson	Method	rotary mud		
Casing from (m)	--	To	--		
Water Table (m)	--	Date measured	--		
Hole Diam. (cm)	12	Plugged (Y/N)	N		
Date plotted	28.07.98				

CUM079

Prospect: Recon

Project: 9261
Name: CUJV
Tenement: EL2275

Depth
Gamma 0-1000 cps (corr)
Gamma 0-5000 cps (corr)
R (100-0 nominal)
SP (0-100 nominal)
eU3O8 (calc)
0-2,500 ppm
0.5 m intersections >= 100 ppm ave.



PALADIN RESOURCES NL

Geophysical Logging

			RUN 1	RUN	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	--	--
Probe No.	gamma 689	gamma to (m)	126.0	--	--
Date Logged	14.05.98	gamma speed (m/min)	3	--	--
Operator	GJ	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	126.0	--	--
Notes	poor SP, bad R	electric speed (m/min)	8	--	--

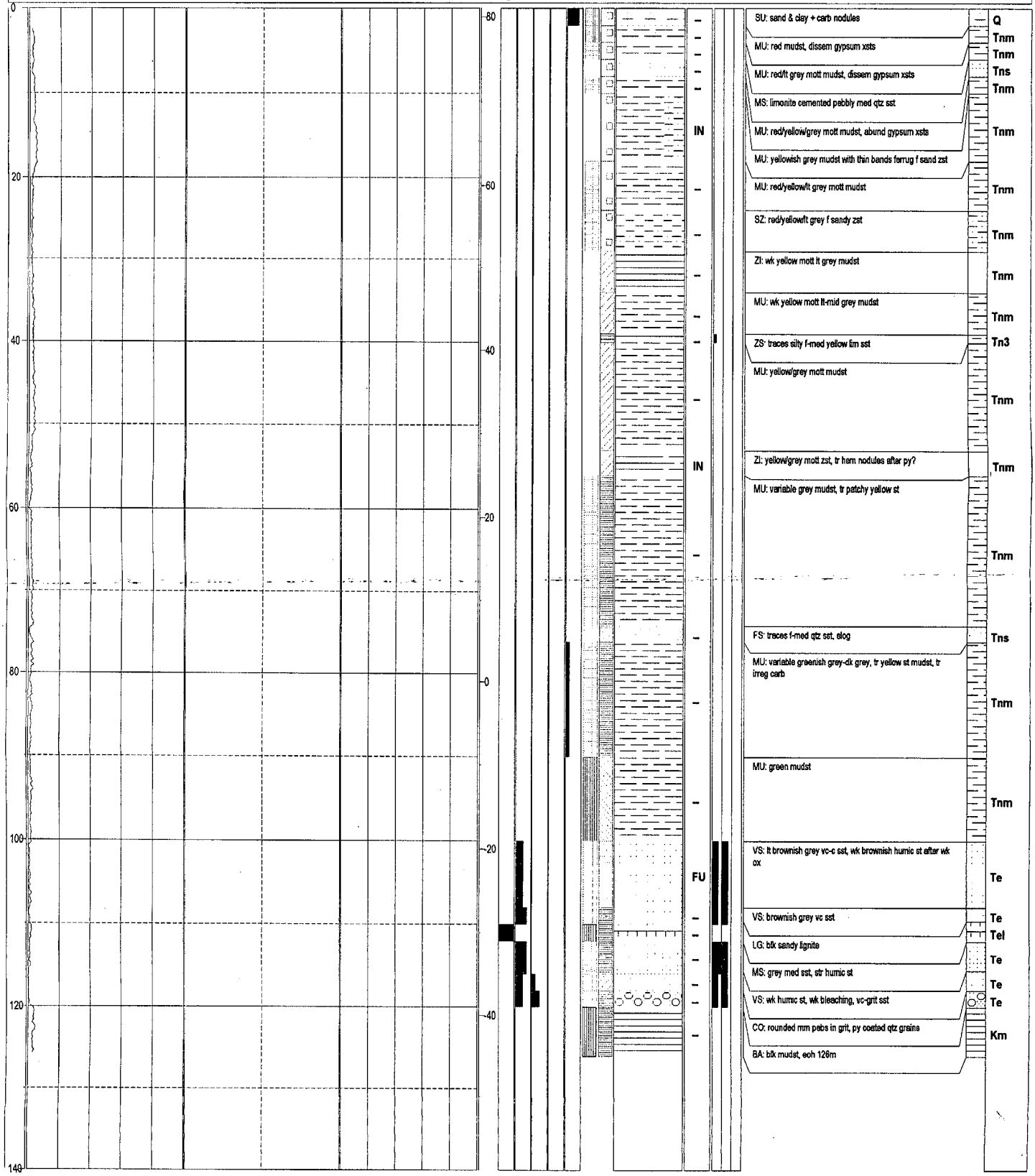
Co-ord local (m)	--		E	--	N
Co-ord AMG	488978		E	6539398	N
Collar Elev (m)	--		RL (m)	81.0	ADH
Depth (m)	126.0	Azimuth	--	°	90 deg
Date commenced	14.05.98		Date completed	14.05.98	
Geologist	JD-B		Logged date	--	
Drilling Co.	Thompson		Method	rotary mud	
Casing from (m)	--		To	--	
Water Table (m)	--		Date measured	--	
Hole Diam. (cm)	12		Plugged (Y/N)	N	
Date plotted	28.07.98				

CUM080

Prospect: Recon

Project: 9261
Name: CUJV
Tenement: EL2275

Depth | Gamma 0-1000 cps (corr) | Gamma 0-5000 cps (corr) | R (100-0 nominal) | SP (0-100 nominal) | eU3O8 (calc) 0-2,500 ppm (0.5 m intersections >= 100 ppm ave.) | RL (m) | Organic | Humic | Pyrite | Limon. | Carb. | Colour | Redox | Cuttings | Relator | Sorting | Rndness | Bedding | Description & Comments | Lithol. | Unit



Description & Comments	Unit
SU: sand & clay + carb nodules	Q
MU: red mudst, dissem gypsum xsts	Tnm
MU: red/lt grey mott mudst, dissem gypsum xsts	Tnm
MS: limonite cemented pebbly med qtz sst	Tns
MU: red/yellow/grey mott mudst, abund gypsum xsts	Tnm
MU: yellowish grey mudst with thin bands ferrug f sand zst	Tnm
MU: red/yellow/lt grey mott mudst	Tnm
SZ: red/yellow/lt grey f sandy zst	Tnm
ZI: wk yellow mott lt grey mudst	Tnm
MU: wk yellow mott lt-mid grey mudst	Tnm
ZS: traces silty f-med yellow lm sst	Tn3
MU: yellow/grey mott mudst	Tnm
ZI: yellow/grey mott zst, tr hem nodules after py?	Tnm
MU: variable grey mudst, tr patchy yellow st	Tnm
FS: traces f-med qtz sst, elog	Tns
MU: variable greenish grey-dk grey, tr yellow st mudst, tr irreg carb	Tnm
MU: green mudst	Tnm
VS: lt brownish grey vc-c sst, wk brownish humic st after wk ox	Te
VS: brownish grey vc sst	Te
LG: blk sandy lignite	Tel
MS: grey med sst, str humic st	Te
VS: wk humic st, wk bleaching, vc-grit sst	Te
CO: rounded mm pebs in grit, py coated qtz grains	Te
BA: blk mudst, eoh 126m	Km

PALADIN RESOURCES NL

Geophysical Logging

			RUN 1	RUN	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	--	--
Probe No.	gamma 689	gamma to (m)	126.0	--	--
Date Logged	15.05.98	gamma speed (m/min)	3	--	--
Operator	GJ	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	126.0	--	--
Notes	bad SP, R -	electric speed (m/min)	8	--	--

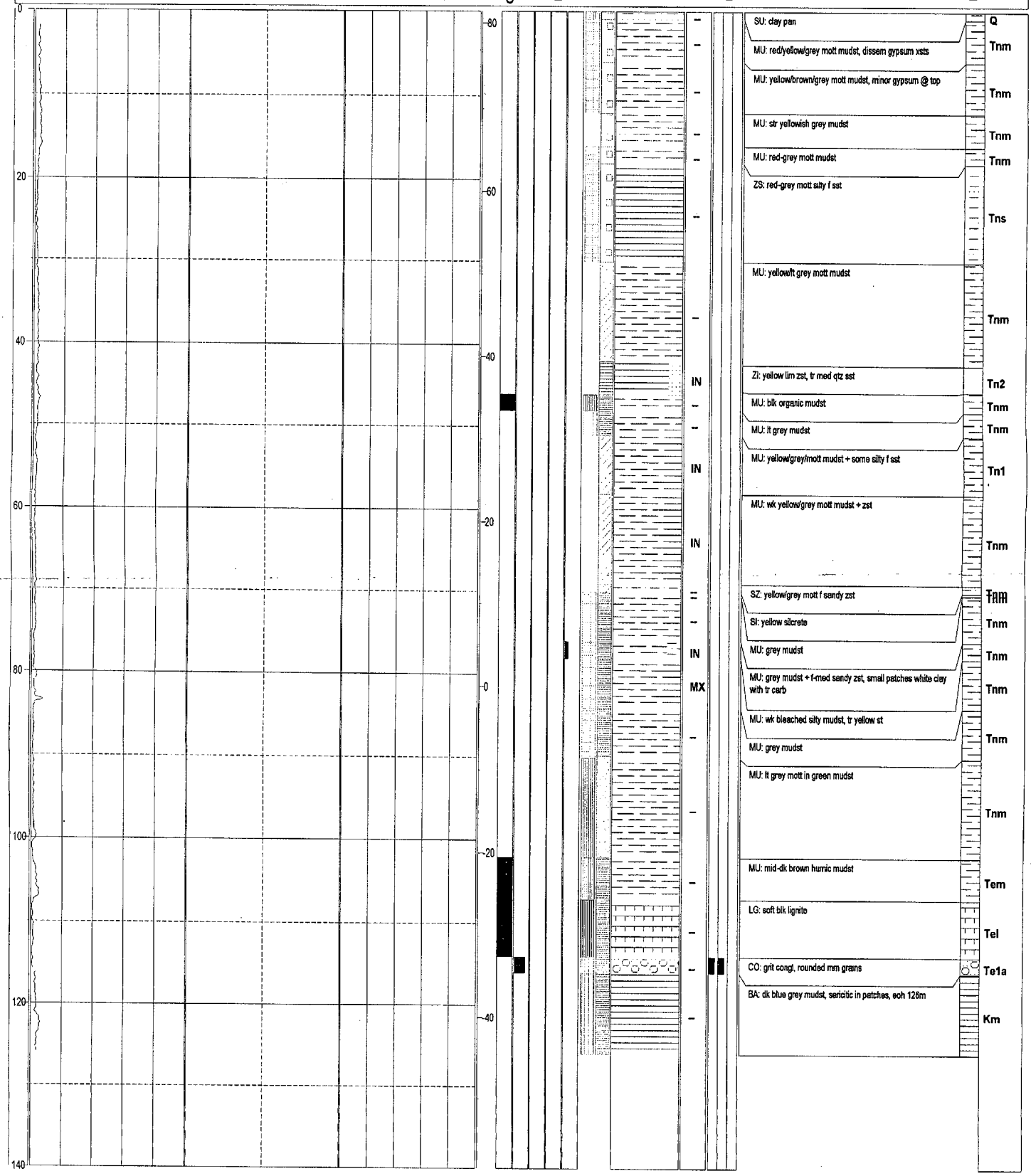
Co-ord local (m)	--		E	--	N
Co-ord AMG	488262		E	6540177	N
Collar Elev (m)	--		RL (m)	81.5	ADH
Depth (m)	126.0	Azimuth --		90 deg	
Date commenced	15.05.98		Date completed	15.05.98	
Geologist	JD-B		Logged date	--	
Drilling Co.	Thompson		Method	rotary mud	
Casing from (m)	--		To	--	
Water Table (m)	--		Date measured	--	
Hole Diam. (cm)	12		Plugged (Y/N)	N	
Date plotted	28.07.98				

CUM081

Prospect: Recon

Project: 9261
Name: CUJV
Tenement: EL2275

Depth | Gamma 0-1000 cps (corr) | Gamma 0-5000 cps (corr) | R (100-0 nominal) | SP (0-100 nominal) | eU3O8 (calc) 0-2,500 ppm (0.5 m intersections >= 100 ppm ave.) | RL (m) | Organic | Humic | Pyrite | Limon. | Carb. | Colour | Redox | Cuttings | Relator | Sorting | Rndness | Bedding | Description & Comments | Lithol. | Unit



PALADIN RESOURCES NL

Geophysical Logging

			RUN 1	RUN	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	--	--
Probe No.	gamma 689	gamma to (m)	135.0	--	--
Date Logged	15.05.98	gamma speed (m/min)	3	--	--
Operator	GJ	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	135.0	--	--
Notes	poor SP, bad R	electric speed (m/min)	8	--	--

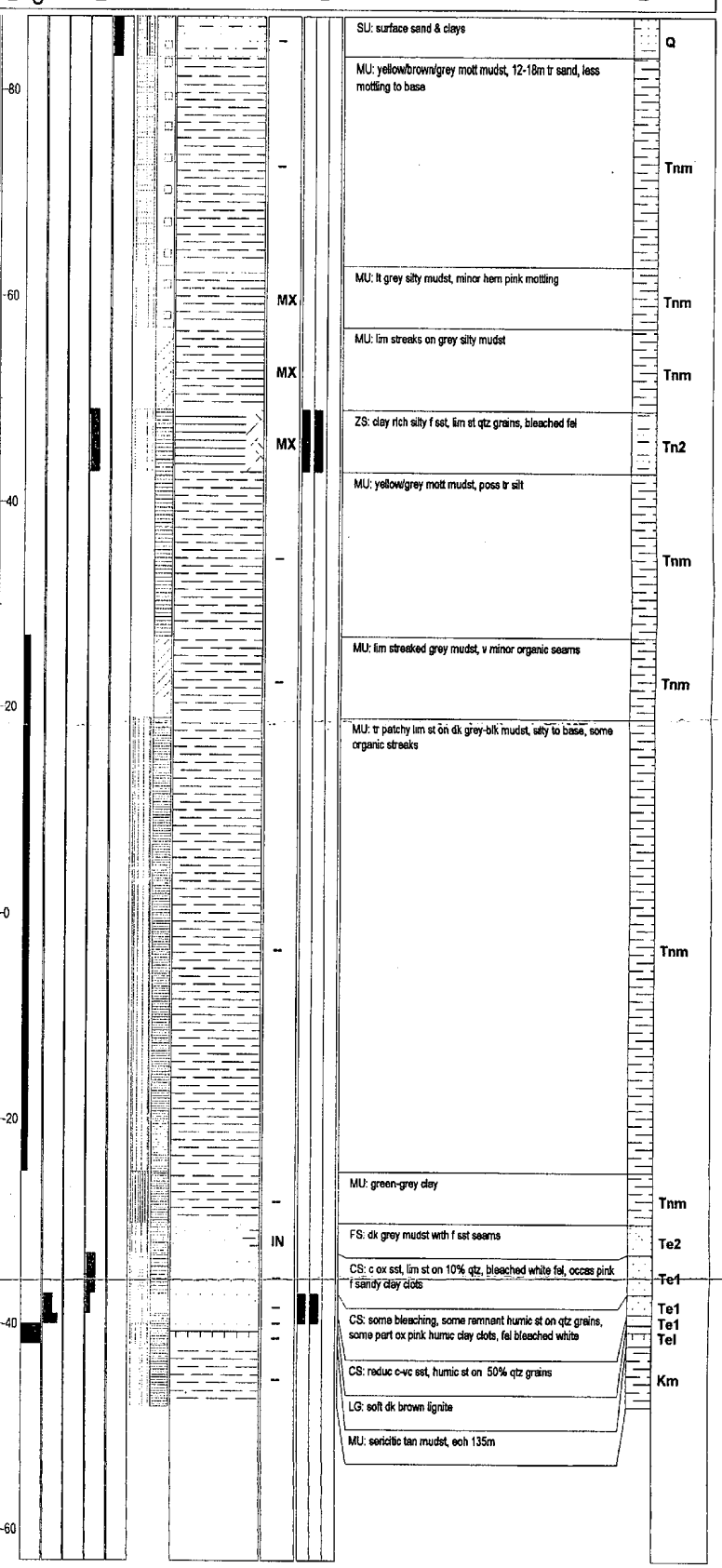
Co-ord local (m)	--	E	--	N	
Co-ord AMG	493727	E	6534807	N	
Collar Elev (m)	--	RL (m)	87.0	ADH	
Depth (m)	135.0	Azimuth	--	›	90 deg
Date commenced	15.05.98	ate completed	15.05.98		
Geologist	WD	Logged date	--		
Drilling Co.	Thompson	Method	rotary mud		
Casing from (m)	--	To	--		
Water Table (m)	--	Date measured	--		
Hole Diam. (cm)	12	Plugged (Y/N)	N		
Date plotted	28.07.98				

CUM082

Prospect: Recon

Project: 9261
Name: CUJV
Tenement: EL2275

Depth
Gamma 0-1000 cps (corr)
Gamma 0-5000 cps (corr)
R (100-0 nominal)
SP (0-100 nominal)
eU3O8 (calc) 0-2,500 ppm
0.5 m intersections >= 100 ppm ave.



Description & Comments	Lithol.	Unit
SU: surface sand & clays		Q
MU: yellow/brown/grey mott mudst, 12-18m tr sand, less mottling to base		Tnm
MU: lt grey silty mudst, minor hem pink mottling		Tnm
MU: lim streaks on grey silty mudst		Tnm
ZS: clay rich silty f sst, lim st qtz grains, bleached fel		Tn2
MU: yellow/grey mott mudst, poss tr silt		Tnm
MU: lim streaked grey mudst, v minor organic seams		Tnm
MU: tr patchy lim st on dk grey-blk mudst, silty to base, some organic streaks		Tnm
MU: green-grey clay		Tnm
FS: dk grey mudst with f sst seams		Te2
CS: c ox sst, lim st on 10% qtz, bleached white fel, occas pink f sandy clay clots		Te1
CS: some bleaching, some remnant humic st on qtz grains, some part ox pink humic clay clots, fel bleached white		Te1 Te1 Tel
CS: reduc c-vc sst, humic st on 50% qtz grains		Km
LG: soft dk brown lignite		
MU: sericitic tan mudst, eoh 135m		

PALADIN RESOURCES NL

Geophysical Logging

			RUN 1	RUN	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	0.0	--
Probe No.	gamma 689	gamma to (m)	96.0	10.0	--
Date Logged	15.05.98	gamma speed (m/min)	3	3	--
Operator	GJ	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	96.0	--	--
Notes	bad SP, R	electric speed (m/min)	8	--	--

Co-ord local (m)	--	E	--	N	
Co-ord AMG	483199	E	6535137	N	
Collar Elev (m)	--	RL (m)	74.5	ADH	
Depth (m)	96.0	Azimuth	--	)	90 deg
Date commenced	15.05.98	ate completed	15.05.98		
Geologist	JD-B	Logged date	--		
Drilling Co.	Thompson	Method	rotary mud		
Casing from (m)	--	To	--		
Water Table (m)	--	Date measured	--		
Hole Diam. (cm)	12	Plugged (Y/N)	N		
Date plotted	28.07.98				

CUM083

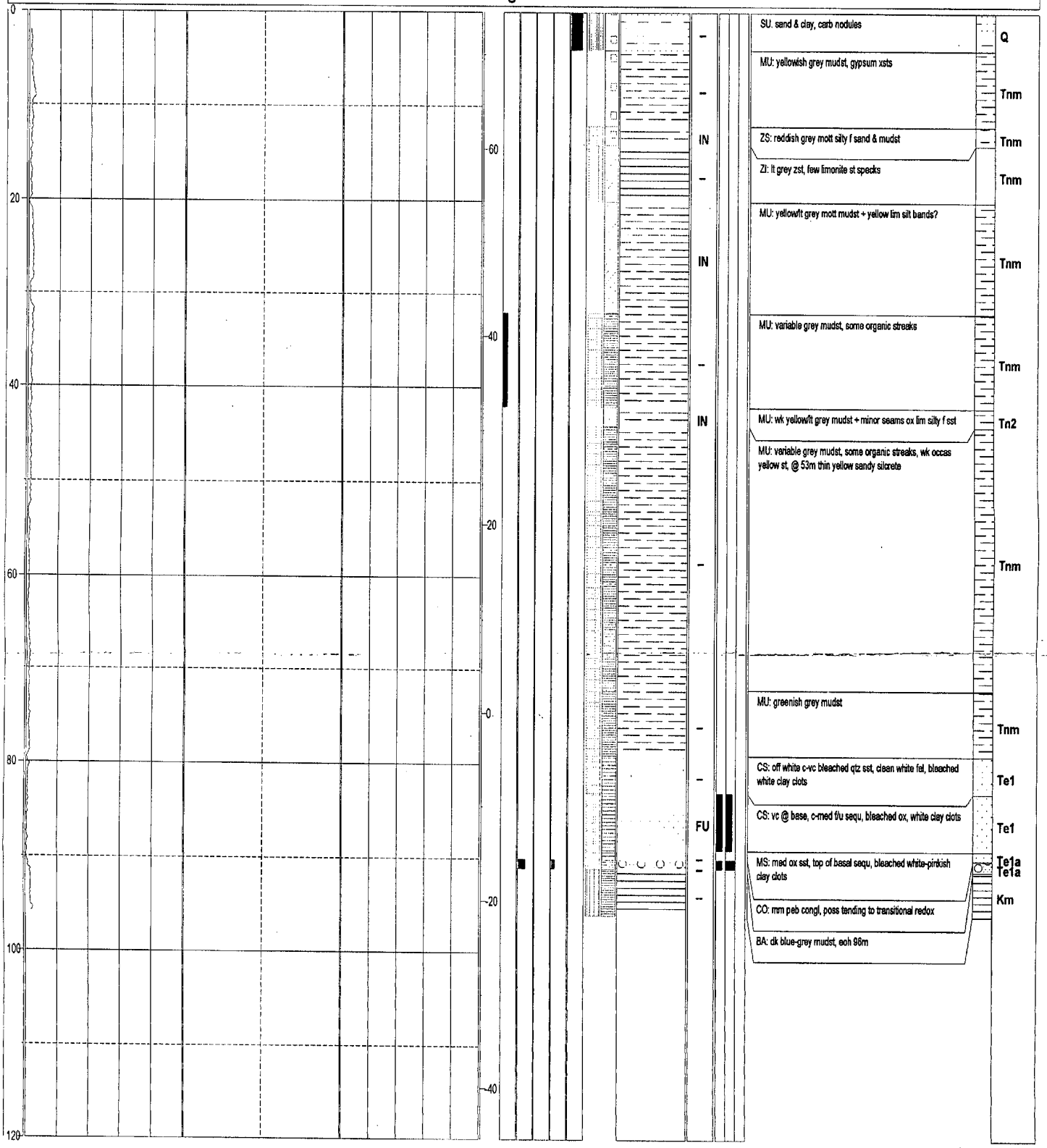
Prospect: Recon

Project: 9261

Name: CUJV

Tenement: EL2275

Depth — Gamma 0-1000 cps (corr) / Gamma 0-5000 cps (corr) — R (100-0 nominal) / SP (0-100 nominal) — eU3O8 (calc) 0-2,500 ppm, 0.5 m intersections >= 100 ppm ave.



PALADIN RESOURCES NL

Geophysical Logging

			RUN 1	RUN 2	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	76.0	--
Probe No.	gamma 689	gamma to (m)	102.0	82.0	--
Date Logged	16.05.98	gamma speed (m/min)	3	2	--
Operator	GJ	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	102.0	--	--
Notes	poor SP, bad R	electric speed (m/min)	8	--	--

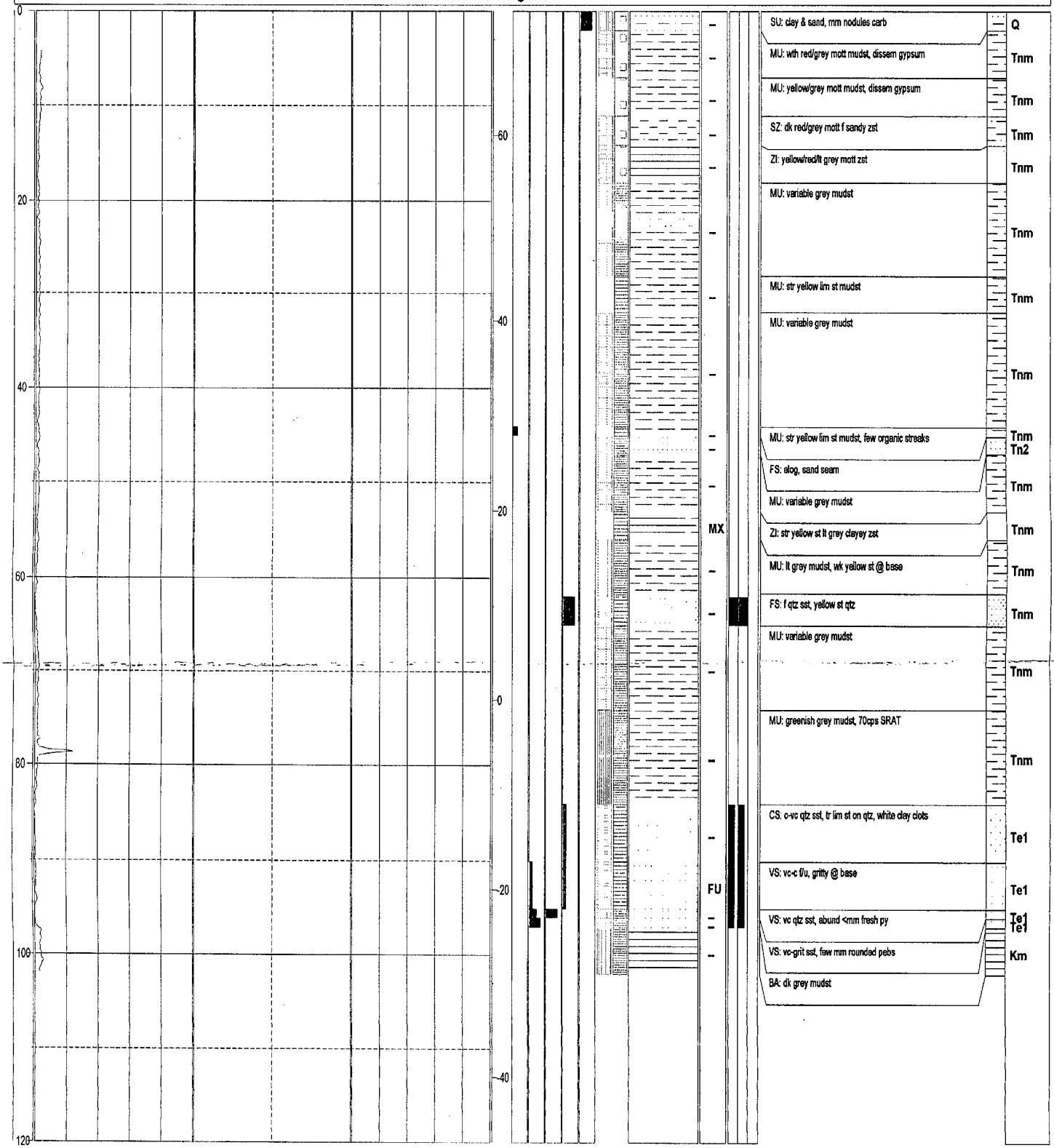
Co-ord local (m)	--	E	--	N	
Co-ord AMG	484051	E	6535140	N	
Collar Elev (m)	--	RL (m)	73.0	ADH	
Depth (m)	102.0	Azimuth	--	)	90 deg
Date commenced	16.05.98	Date completed	16.05.98		
Geologist	JD-B	Logged date	--		
Drilling Co.	Thompson	Method	rotary mud		
Casing from (m)	--	To	--		
Water Table (m)	--	Date measured	--		
Hole Diam. (cm)	12	Plugged (Y/N)	N		
Date plotted	28.07.98				

CUM084

Prospect: Recon

Project: 9261
Name: CUJV
Tenement: EL2275

Depth | Gamma 0-1000 cps (corr) / Gamma 0-5000 cps (corr) | R (100-0 nominal) / SP (0-100 nominal) | eU3O8 (calc) 0-2,500 ppm, 0.5 m intersections >= 100 ppm ave. | RL (m) | Organic | Humic | Pyrite | Limon. | Carb. | Colour | Redox | Cuttings | Relator | Sorting | Rndness | Bedding | Description & Comments | Lithol. | Unit



Description & Comments	Unit
SU: clay & sand, mm nodules carb	Q
MU: wth red/grey mott mudst, dissem gypsum	Tnm
MU: yellow/grey mott mudst, dissem gypsum	Tnm
SZ: dk red/grey mott f sandy zst	Tnm
ZI: yellow/red/lt grey mott zst	Tnm
MU: variable grey mudst	Tnm
MU: str yellow lim st mudst	Tnm
MU: variable grey mudst	Tnm
MU: str yellow lim st mudst, few organic streaks	Tnm
FS: clog, sand seam	Tn2
MU: variable grey mudst	Tnm
ZI: str yellow st lt grey clayey zst	Tnm
MU: lt grey mudst, wk yellow st @ base	Tnm
FS: f qtz sst, yellow st qtz	Tnm
MU: variable grey mudst	Tnm
MU: greenish grey mudst, 70cps SRAT	Tnm
CS: c-vc qtz sst, tr lim st on qtz, white clay clots	Te1
VS: vc-c f/u, gritty @ base	Te1
VS: vc qtz sst, abund <mm fresh py	Te1
VS: vc-grit sst, few mm rounded pebs	Km
BA: dk grey mudst	

PALADIN RESOURCES NL

Geophysical Logging

			RUN 1	RUN .	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	--	108.0
Probe No.	gamma 689	gamma to (m)	--	--	--
Date Logged	16.05.98	gamma speed (m/min)	3	--	--
Operator	GJ	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	108.0	--	--
Notes	bad SP, R	electric speed (m/min)	8	--	--

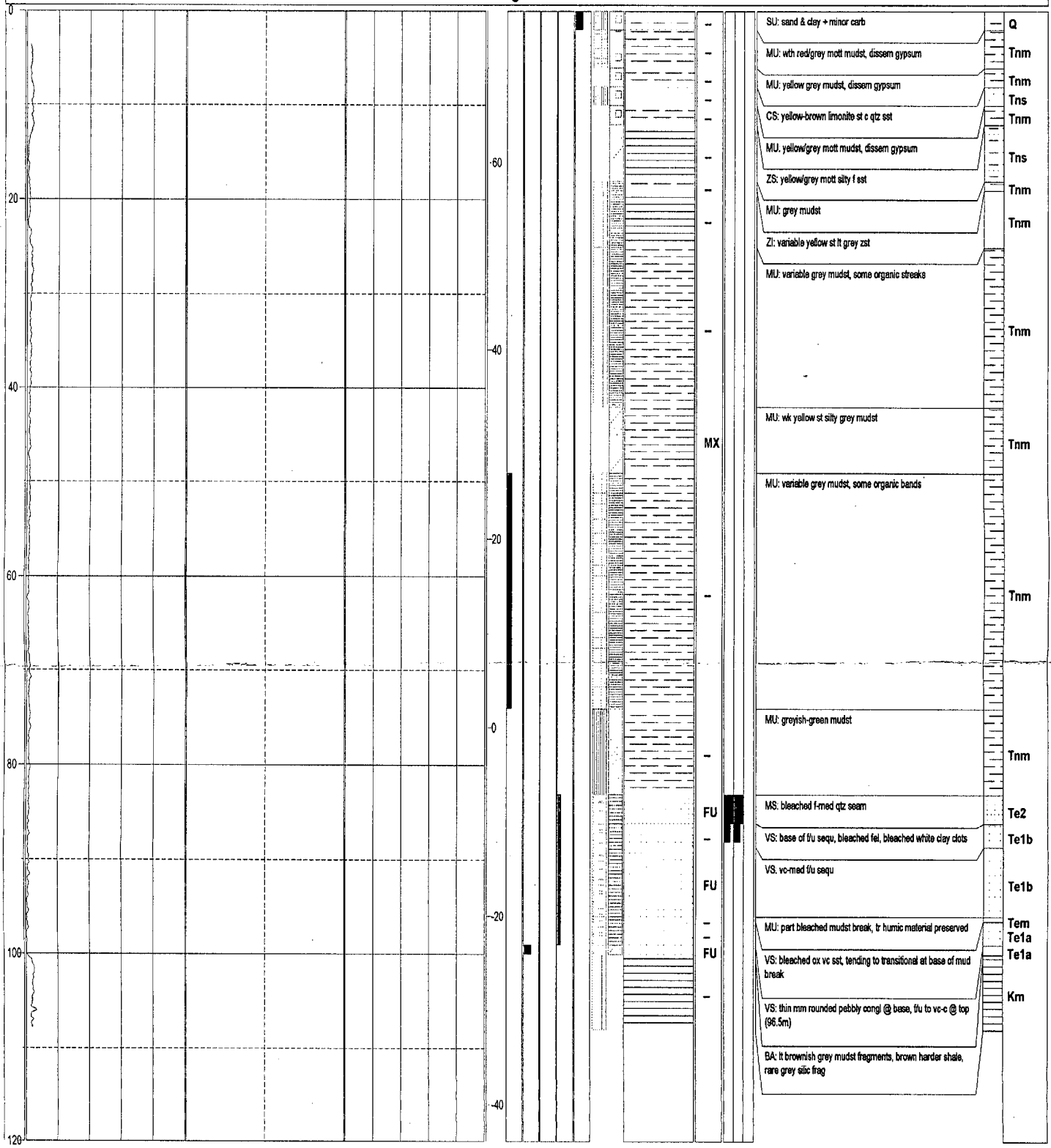
Co-ord local (m)	--	E	--	N	
Co-ord AMG	484588	E	6535082	N	
Collar Elev (m)	--	RL (m)	76.0	ADH	
Depth (m)	108.0	Azimuth	--		90 deg
Date commenced	16.05.98		...s completed	16.05.98	
Geologist	JD-B	Logged date	--		
Drilling Co.	Thompson	Method	rotary mud		
Casing from (m)	--	To	--		
Water Table (m)	--	Date measured	--		
Hole Diam. (cm)	12	Plugged (Y/N)	N		
Date plotted	28.07.98				

CUM085

Prospect: Recon

Project: 9261
Name: CUJV
Tenement: EL2275

Depth | Gamma 0-1000 cps (corr) / Gamma 0-5000 cps (corr) | R (100-0 nominal) / SP (0-100 nominal) | eU3O8 (calc) 0-2,500 ppm, 0.5 m intersections >= 100 ppm ave. | RL (m) | Organic | Humic | Pyrite | Limon. | Carb. | Colour | Redox | Cuttings | Relator | Sorting | Rndness | Bedding | Description & Comments | Lithol. | Unit



PALADIN RESOURCES NL

Geophysical Logging

			RUN 1	RUN	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	--	--
Probe No.	gamma 689	gamma to (m)	90.0	--	--
Date Logged	16.05.98	gamma speed (m/min)	3	--	--
Operator	GJ	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	90.0	--	--
Notes	bad SP, R	electric speed (m/min)	8	--	--

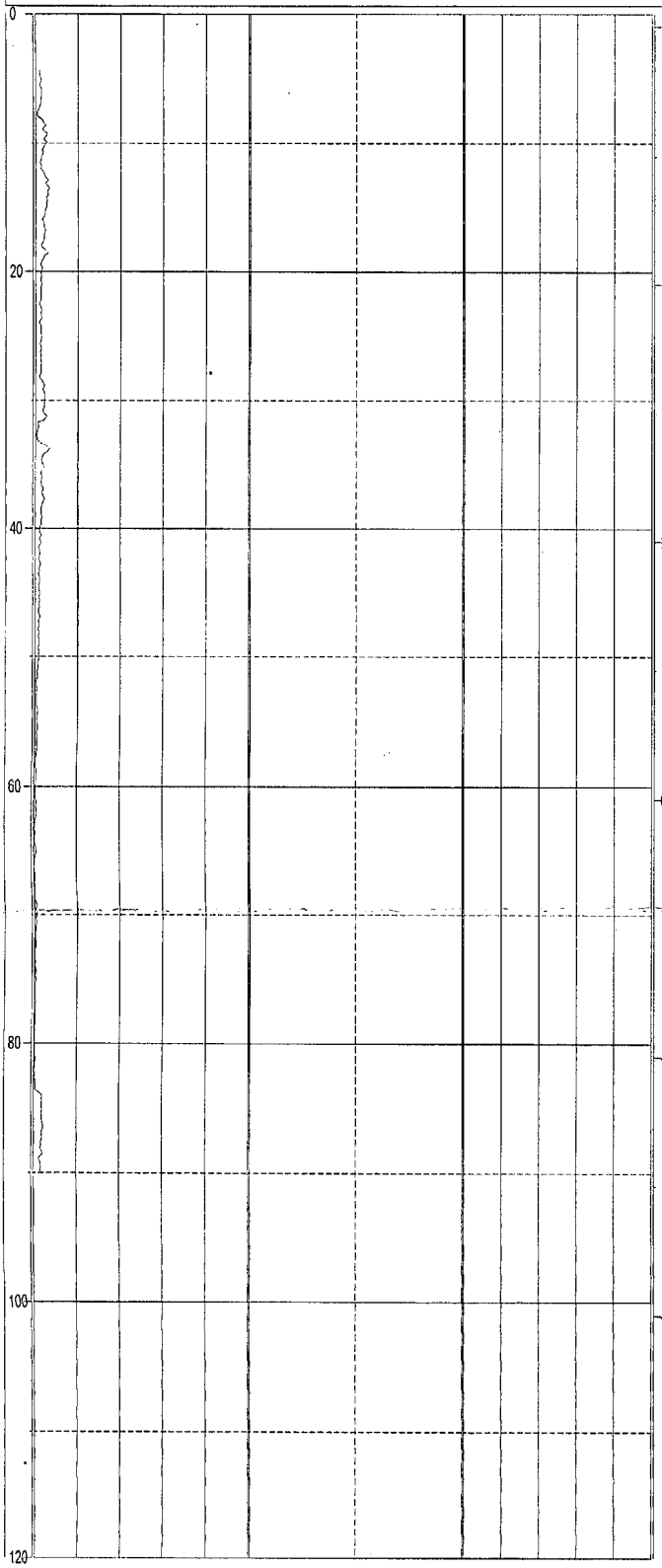
Co-ord local (m)	--	E	--	N
Co-ord AMG	477624	E	6543290	N
Collar Elev (m)	--	RL (m)	61.0	ADH
Depth (m) 90.0	Azimuth --		90 deg	
Date commenced	16.05.98	Date completed	16.05.98	
Geologist	JD-B	Logged date	--	
Drilling Co.	Thompson	Method	rotary mud	
Casing from (m)	--	To	--	
Water Table (m)	--	Date measured	--	
Hole Diam. (cm)	12	Plugged (Y/N)	N	
Date plotted	28.07.98			

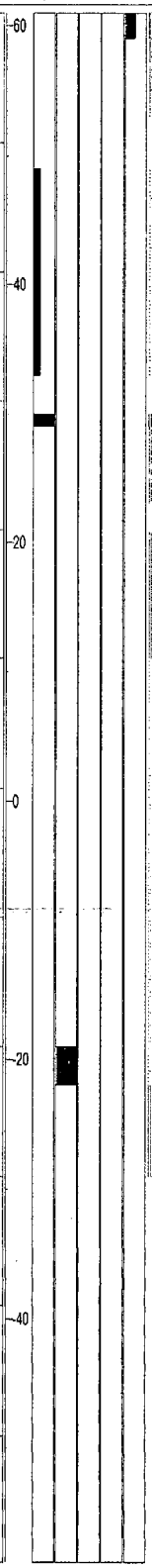
CUM086

Prospect: Recon

Project: 9261
Name: CUJV
Tenement: EL2275

Depth
Gamma 0-1000 cps (corr)
Gamma 0-5000 cps (corr)
R (100-0 nominal)
SP (0-100 nominal)
eU3O8 (calc)
0-2,500 ppm
0.5 m intersections >= 100 ppm ave.





Description & Comments

Description & Comments	Lithol.	Unit
SU: clay& sand + minor carb specks		Q
MU: red st mudst + gypsum		Tnm
MU: red/yellow/lt grey mott mudst + f sandy zst		Tnm
MU: yellow/grey mott mudst		Tnm
MU: variable grey mudst, irreg streaks of organic mud		Tnm
MU: yellow/grey mott mudst + minor lim bands of f sandy silt		Tnm
MU: organic mudst		Tnm
MU: dk grey mudst		Tnm
ZI: yellow/grey mudst		Tnm
MU: dk grey mudst, freq yellow st		Tnm
CS: trace c qtz sst		Tn1
MU: bleached off white/grey mudst, wk yellow st		Tnm
FS: bleached white med-f zst f/u sequ		Te2
CS: bleached vc-med f/u sequ, white fel		Te1b
MS: med-c bleached sst, white-brownish grey bleached clay clots		Te1b
CS: bleached c sst		Te1a
VS: vc-c reduc sst, lighter grey @ top, few mm rounded pebs		Te1a
BA: blue-grey mudst, ech 90m		Km

PALADIN RESOURCES NL

Geophysical Logging

			RUN 1	RUN	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	–	–
Probe No.	gamma 689	gamma to (m)	90.0	–	–
Date Logged	17.05.98	gamma speed (m/min)	3	–	–
Operator	GJ	electric from (m)	0.0	–	–
Open/Closed Hole	open	electric to (m)	90.0	–	–
Notes	poor SP, bad R	electric speed (m/min)	8	–	–

Co-ord local (m)	–		E	–	N
Co-ord AMG	477025		E	6542945	N
Collar Elev (m)	n.a.?		RL (m)	60.5	ADH
Depth (m)	60.5	Azimuth	–	90 deg	
Date commenced	17.05.98		.e completed	17.05.98	
Geologist	WD		Logged date	–	
Drilling Co.	Thompson		Method	rotary mud	
Casing from (m)	–		To	–	
Water Table (m)	–		Date measured	–	
Hole Diam. (cm)	12		Plugged (Y/N)	N	
Date plotted	28.07.98				

CUM087

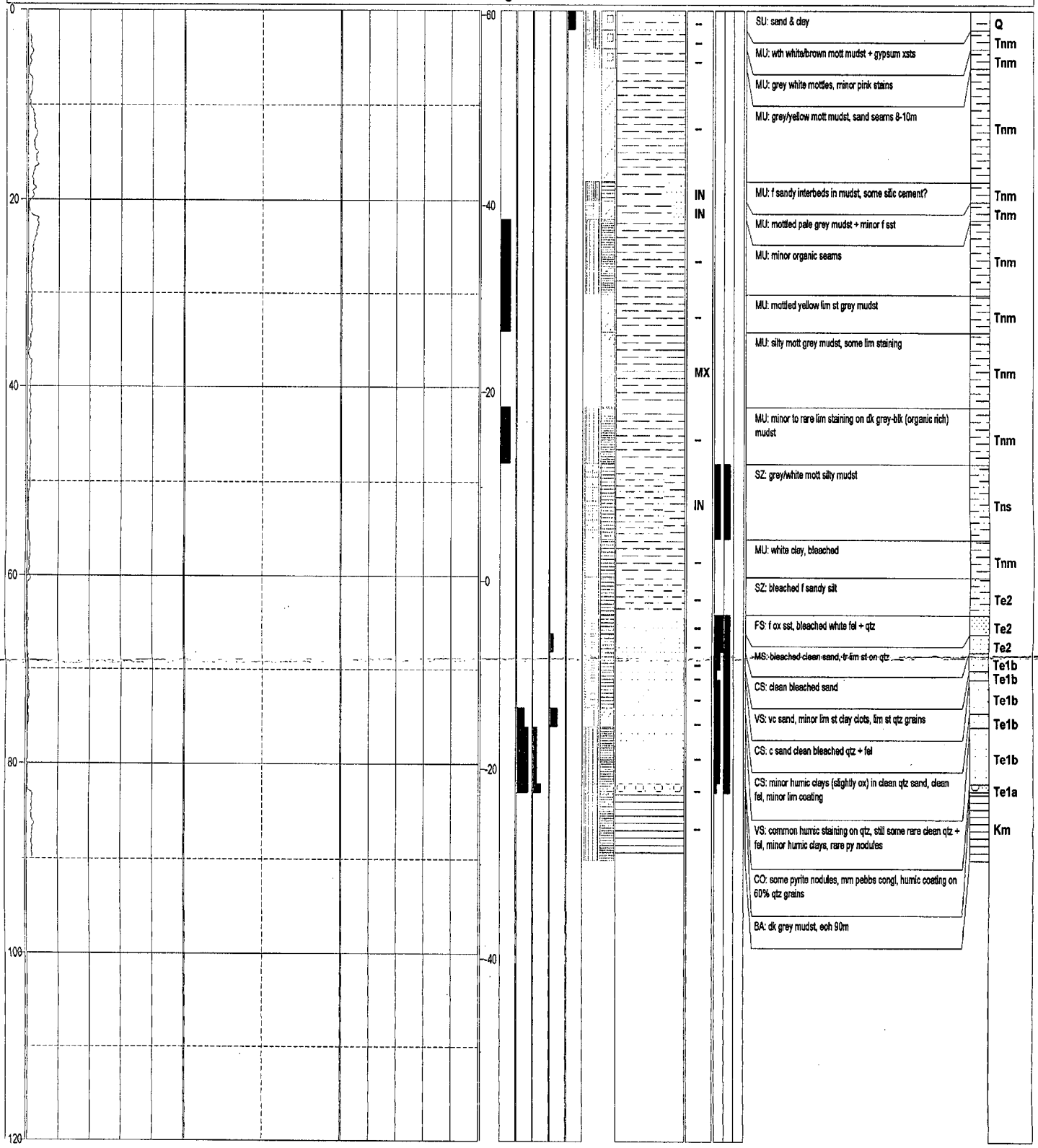
Prospect: Recon

Project: 9261

Name: CUJV

Tenement: EL2275

Depth | Gamma 0-1000 cps (corr) / Gamma 0-5000 cps (corr) | R (100-0 nominal) / SP (0-100 nominal) | eU3O8 (calc) 0-2,500 ppm, 0.5 m intersections >= 100 ppm ave. | RL (m) | Organic | Humic | Pyrite | Limon. | Carb. | Colour | Redox | Cuttings | Relator | Sorting | Rndness | Bedding | Description & Comments | Lithol. | Unit



PALADIN RESOURCES NL

Geophysical Logging

			RUN 1	RUN .	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	0.0	--
Probe No.	gamma 689	gamma to (m)	90.0	20.0	--
Date Logged	17.05.98	gamma speed (m/min)	3	3	--
Operator	GJ	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	90.0	--	--
Notes	bad SP, R	electric speed (m/min)	8	--	--

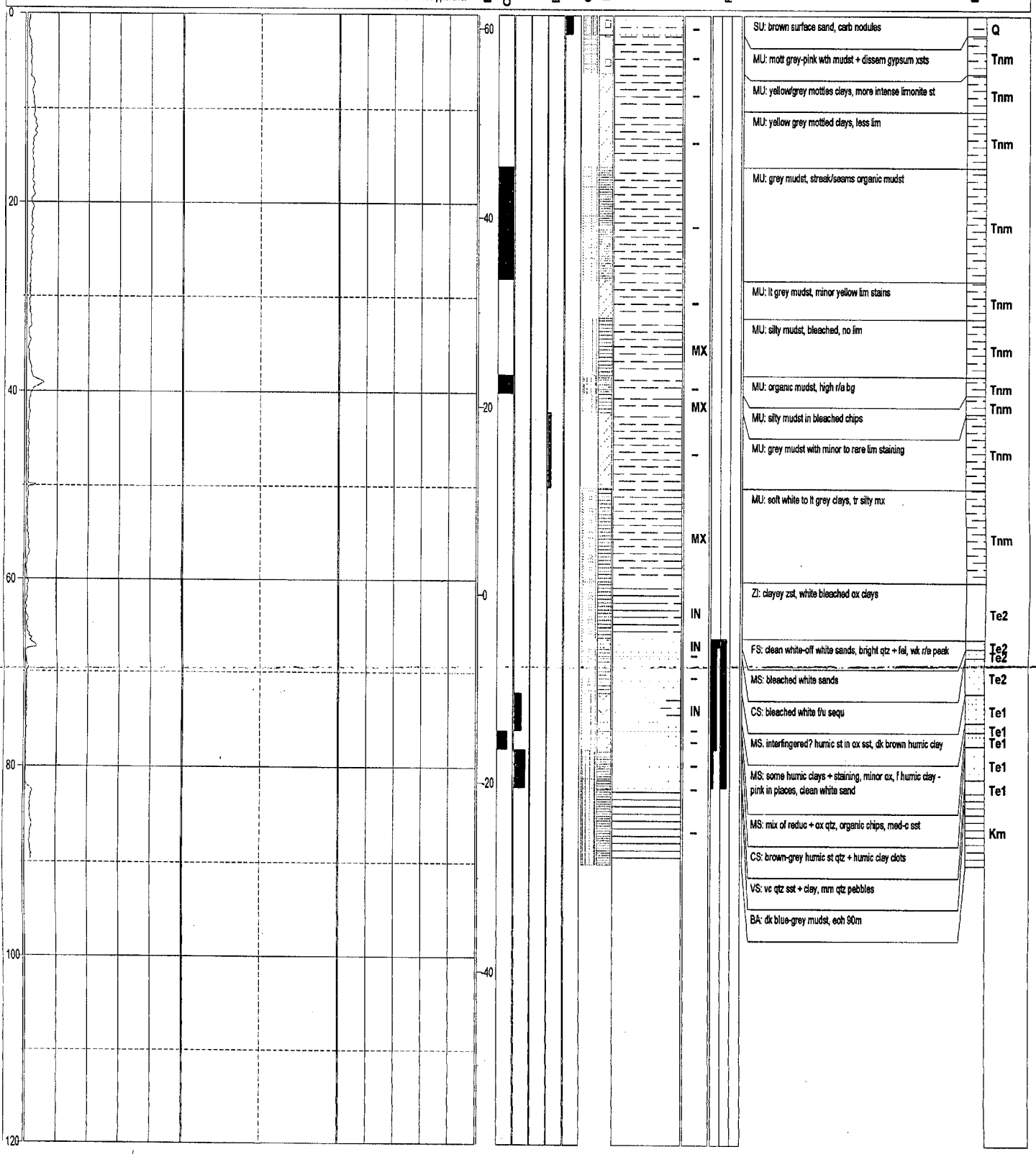
Co-ord local (m)	--		E	--	N
Co-ord AMG	477266		E	6543076	N
Collar Elev (m)	--		RL (m)	61.5	ADH
Depth (m)	90.0	Azimuth --		90 deg	
Date commenced	17.05.98		..e completed	17.05.98	
Geologist	WD		Logged date	--	
Drilling Co.	Thompson		Method	rotary mud	
Casing from (m)	--		To	--	
Water Table (m)	--		Date measured	--	
Hole Diam. (cm)	12		Plugged (Y/N)	N	
Date plotted	28.07.98				

CUM088

Prospect: Recon

Project: 9261
Name: CUJV
Tenement: EL2275

Depth
Gamma 0-1000 cps (corr)
Gamma 0-5000 cps (corr)
R (100-0 nominal)
SP (0-100 nominal)
eU3O8 (calc)
0-2,500 ppm
0.5 m intersections >= 100 ppm ave.



PALADIN RESOURCES NL

Geophysical Logging

			RUN 1	RUN	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	--	--
Probe No.	gamma 689	gamma to (m)	92.0	--	--
Date Logged	17.05.98	gamma speed (m/min)	3	--	--
Operator	GJ	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	92.0	--	--
Notes	bad SP, R	electric speed (m/min)	8	--	--

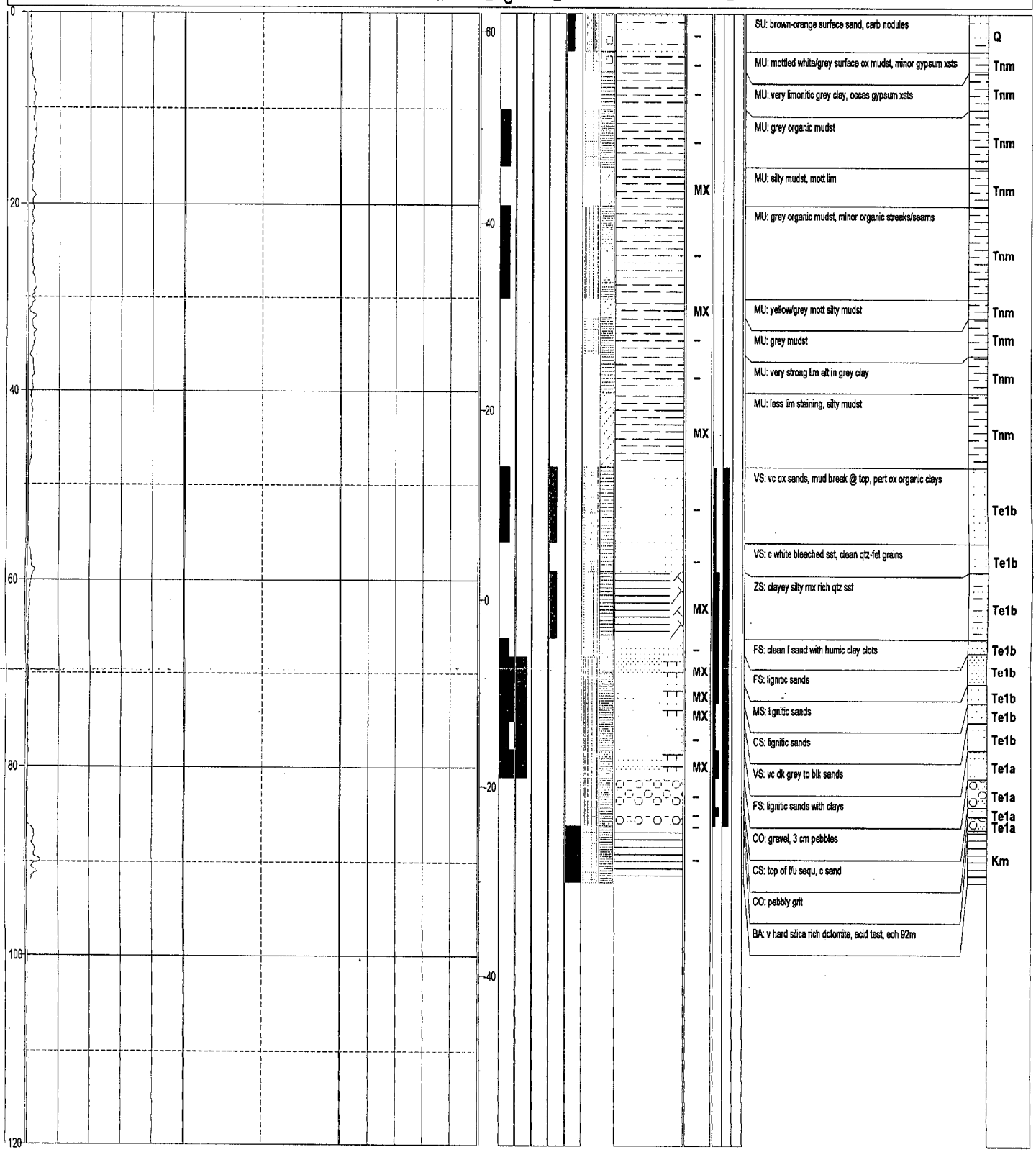
Co-ord local (m)	--	E	--	N
Co-ord AMG	476068	E	6540349	N
Collar Elev (m)	--	RL (m)	62.0	ADH
Depth (m) 92.0	Azimuth --		90 deg	
Date commenced	17.05.98	.e completed	17.05.98	
Geologist	WD	Logged date	--	
Drilling Co.	Thompson	Method	rotary mud	
Casing from (m)	--	To	--	
Water Table (m)	--	Date measured	--	
Hole Diam. (cm)	12	Plugged (Y/N)	N	
Date plotted	28.07.98			

CUM089

Prospect: Recon

Project: 9261
Name: CUJV
Tenement: EL2275

Depth
Gamma 0-1000 cps (corr)
Gamma 0-5000 cps (corr)
R (100-0 nominal)
SP (0-100 nominal)
eU3O8 (calc)
0-2,500 ppm
0.5 m intersections >= 100 ppm ave.
RL (m)
Organic
Humic
Pyrite
Limon.
Carb.
Colour
Redox
Cuttings
Relator
Sorting
Roundness
Bedding
Description & Comments
Lithol.
Unit



PALADIN RESOURCES NL

Geophysical Logging

			RUN 1	RUN .	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	--	--
Probe No.	gamma 689	gamma to (m)	78.0	--	--
Date Logged	18.05.98	gamma speed (m/min)	3	--	--
Operator	GJ	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	78.0	--	--
Notes	good SP, bad R	electric speed (m/min)	8	--	--

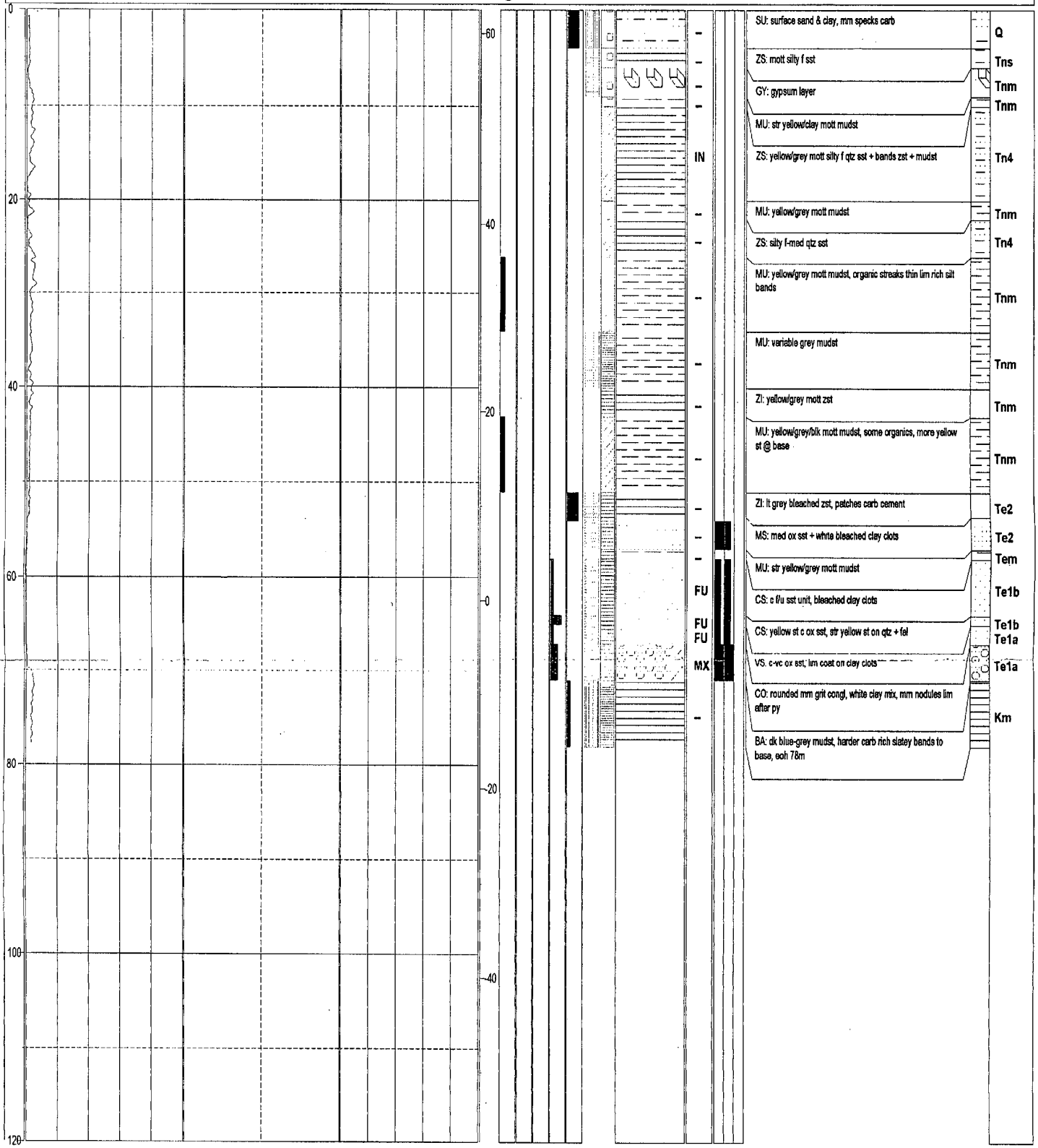
Co-ord local (m)	--	E	--	N	
Co-ord AMG	476769	E	6539663	N	
Collar Elev (m)	--	RL (m)	62.5	ADH	
Depth (m)	78.0	Azimuth	--		90 deg
Date commenced	18.05.98	.e completed	18.05.98		
Geologist	JD-B	Logged date	--		
Drilling Co.	Thompson	Method	rotary mud		
Casing from (m)	--	To	--		
Water Table (m)	--	Date measured	--		
Hole Diam. (cm)	12	Plugged (Y/N)	N		
Date plotted	28.07.98				

CUM090

Prospect: Recon

Project: 9261
Name: CUJV
Tenement: EL2275

Depth | Gamma 0-1000 cps (corr) | Gamma 0-5000 cps (corr) | R (100-0 nominal) | SP (0-100 nominal) | eU3O8 (calc) 0-2,500 ppm (0.5 m intersections >= 100 ppm ave.) | RL (m) | Organic | Humic | Pyrite | Limon. | Carb. | Colour | Redox | Cuttings | Relator | Sorting | Roundness | Bedding | Description & Comments | Lithol. | Unit



PALADIN RESOURCES NL

Geophysical Logging

			RUN 1	RUN	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	--	--
Probe No.	gamma 689	gamma to (m)	95.0	--	--
Date Logged	18.05.98	gamma speed (m/min)	3	--	--
Operator	GJ	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	95.0	--	--
Notes	ok SP, bad R	electric speed (m/min)	8	--	--

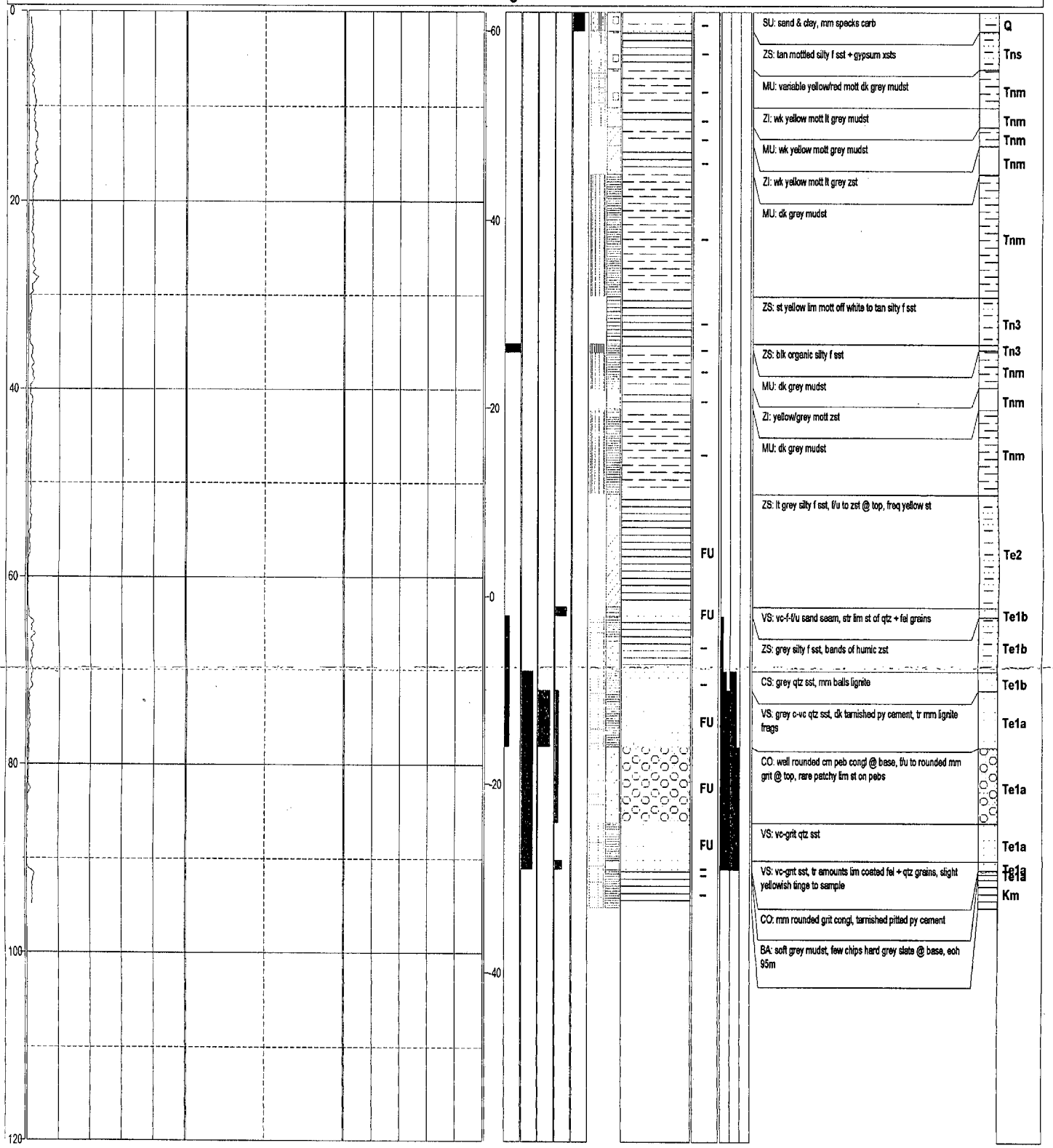
Co-ord local (m)	--		E	--	N
Co-ord AMG	476425		E	6540049	N
Collar Elev (m)	--		RL (m)	62.0	ADH
Depth (m)	95.0	Azimuth --		90 deg	
Date commenced	18.05.98		.e completed	18.05.98	
Geologist	JD-B		Logged data	--	
Drilling Co.	Thompson		Method	rotary mud	
Casing from (m)	--		To	--	
Water Table (m)	--		Date measured	--	
Hole Diam. (cm)	12		Plugged (Y/N)	N	
Date plotted	28.07.98				

CUM091

Prospect: Recon

Project: 9261
Name: CUJV
Tenement: EL2275

Depth | Gamma 0-1000 cps (corr) | Gamma 0-5000 cps (corr) | R (100-0 nominal) | SP (0-100 nominal) | eU3O8 (calc) 0-2,500 ppm 0.5 m intersections >= 100 ppm ave. | RL (m) | Organic | Humic | Pyrite | Limon. | Carb. | Colour | Redox | Cuttings | Relator | Sorting | Rndness | Bedding | Description & Comments | Lithol. | Unit



PALADIN RESOURCES NL

Geophysical Logging

			RUN 1	RUN	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	--	--
Probe No.	gamma 689	gamma to (m)	83.0	--	--
Date Logged	18.05.98	gamma speed (m/min)	3	--	--
Operator	GJ	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	83.0	--	--
Notes	gppd SP, bad R	electric speed (m/min)	8	--	--

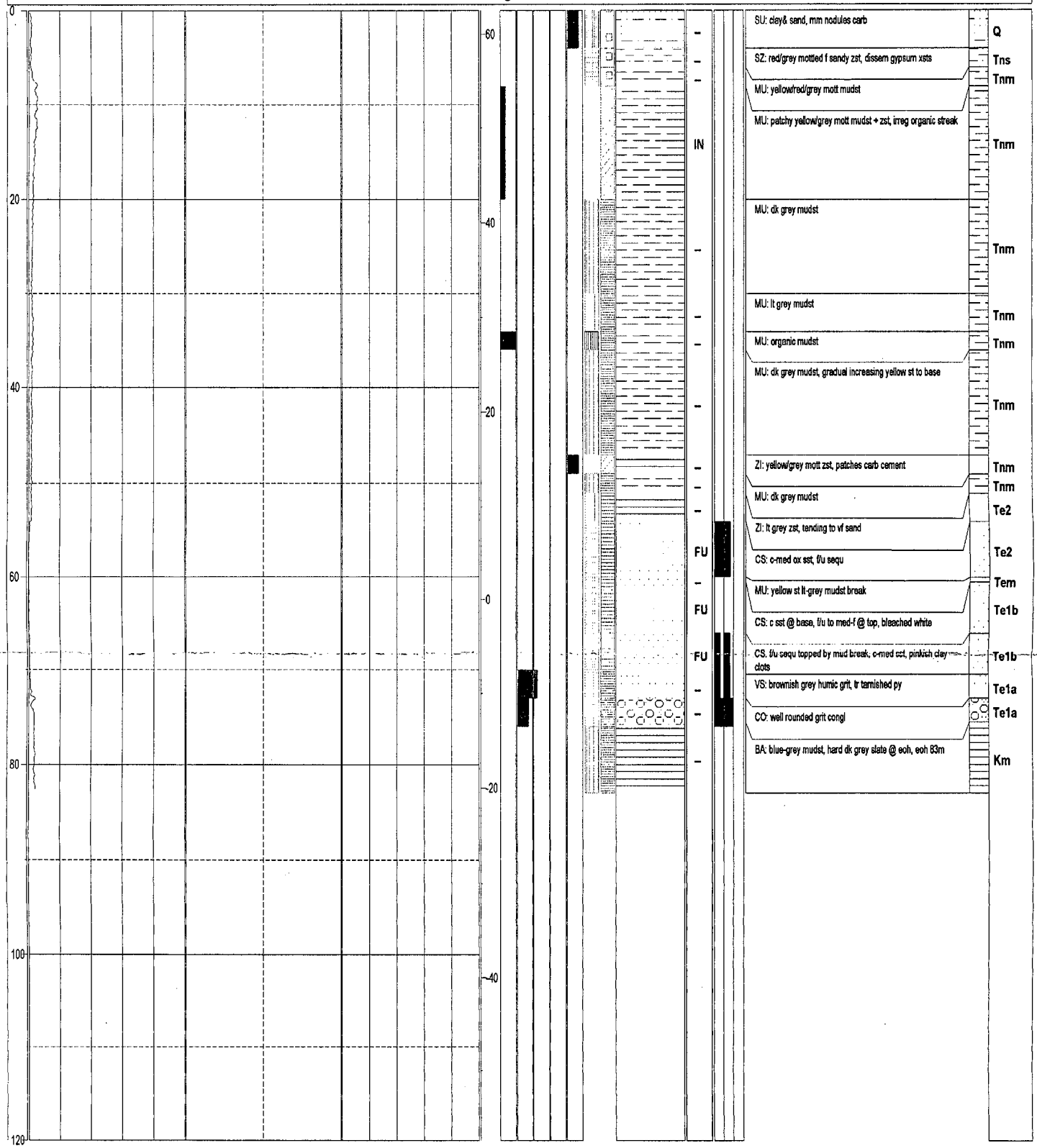
Co-ord local (m)	--	E	--	N	
Co-ord AMG	476592	E	6538901	N	
Collar Elev (m)	--	RL (m)	62.5	ADH	
Depth (m)	83.0	Azimuth	--	90 deg	
Date commenced	18.05.98	Date completed	18.05.98		
Geologist	JD-B	Logged date	--		
Drilling Co.	Thompson	Method	rotary mud		
Casing from (m)	--	To	--		
Water Table (m)	--	Date measured	--		
Hole Diam. (cm)	12	Plugged (Y/N)	N		
Date plotted	28.07.98				

CUM092

Prospect: Recon

Project: 9261
Name: CUJV
Tenement: EL2275

Depth
Gamma 0-1000 cps (corr)
Gamma 0-5000 cps (corr)
R (100-0 nominal)
SP (0-100 nominal)
eU3O8 (calc)
0-2,500 ppm
0.5 m intersections >= 100 ppm ave.



Description & Comments	Lithol.	Unit
SU: clay& sand, mm nodules carb		Q
SZ: red/grey mottled f sandy zst, dissem gypsum xsts		Tns
MU: yellow/red/grey mott mudst		Tnm
MU: patchy yellow/grey mott mudst + zst, irreg organic streak		Tnm
MU: dk grey mudst		Tnm
MU: lt grey mudst		Tnm
MU: organic mudst		Tnm
MU: dk grey mudst, gradual increasing yellow st to base		Tnm
ZI: yellow/grey mott zst, patches carb cement		Tnm
MU: dk grey mudst		Tnm
ZI: lt grey zst, tending to vf sand		Te2
CS: c-med ox sst, f/u sequ		Te2
MU: yellow st lt-grey mudst break		Tem
CS: c sst @ base, f/u to med-f @ top, bleached white		Te1b
CS. f/u sequ topped by mud break, c-med sst, pinkish clay clots		Te1b
VS: brownish grey humic grit, tr tarnished py		Te1a
CO: well rounded grit congl		Te1a
BA: blue-grey mudst, hard dk grey slate @ eoh, eoh 83m		Km

PALADIN RESOURCES NL

Geophysical Logging

			RUN 1	RUN .	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	--	--
Probe No.	gamma 689	gamma to (m)	78.0	--	--
Date Logged	18.05.98	gamma speed (m/min)	3	--	--
Operator	GJ	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	73.0	--	--
Notes	good SP, poor R	electric speed (m/min)	8	--	--

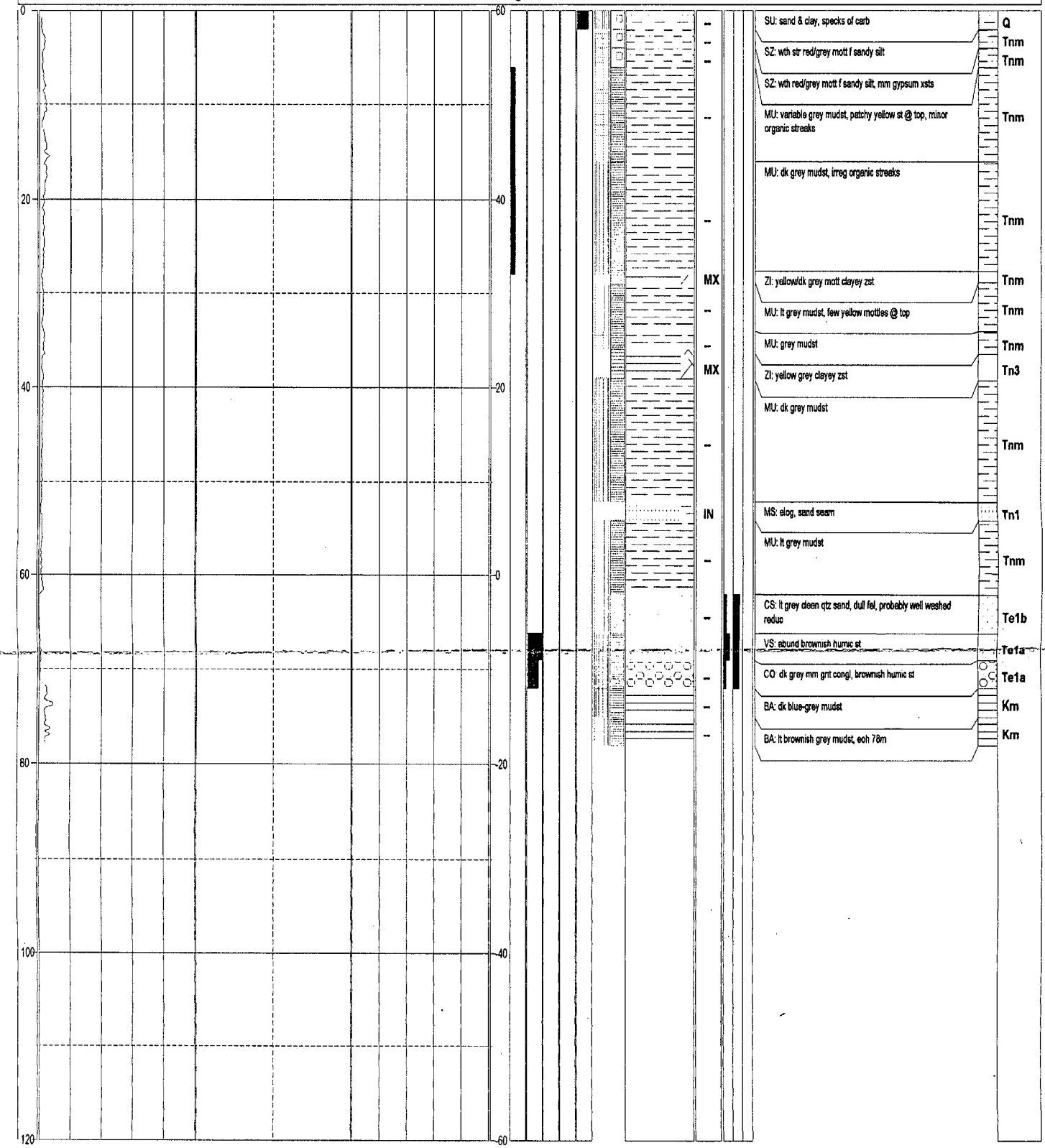
Co-ord local (m)	--	E	--	N	
Co-ord AMG	474849	E	6541298	N	
Collar Elev (m)	--	RL (m)	60.0	ADH	
Depth (m)	78.0	Azimuth	--	90 deg	
Date commenced	18.05.98	Date completed	18.05.98		
Geologist	JD-B	Logged date	--		
Drilling Co.	Thompson	Method	rotary mud		
Casing from (m)	--	To	--		
Water Table (m)	--	Date measured	--		
Hole Diam. (cm)	12	Plugged (Y/N)	N		
Date plotted	28.07.98				

CUM093

Prospect: Recon

Project: 9261
Name: CUJV
Tenement: EL2275

Depth
Gamma 0-1000 cps (corr)
Gamma 0-5000 cps (corr)
R (100-0 nominal)
SP (0-100 nominal)
eU3O8 (calc)
0-2,500 ppm
0.5 m intersections >= 100 ppm ave.



Description & Comments	Lithol.	Unit
SU: sand & clay, specks of carb		Q
SZ: wth str red/grey mott f sandy silt		Tnm
SZ: wth red/grey mott f sandy silt, mm gypsum xsts		Tnm
MU: variable grey mudst, patchy yellow st @ top, minor organic streaks		Tnm
MU: dk grey mudst, irreg organic streaks		Tnm
ZI: yellow/dk grey mott clayey zst		Tnm
MU: lt grey mudst, few yellow mottles @ top		Tnm
MU: grey mudst		Tnm
ZI: yellow grey clayey zst		Tn3
MU: dk grey mudst		Tnm
MS: slog, sand seam		Tn1
MU: lt grey mudst		Tnm
CS: lt grey clean qtz sand, dull fel, probably well washed reduc		Te1b
VS: abund brownish humic st		Te1a
CO: dk grey mm grnt congl, brownish humic st		Te1a
BA: dk blue-grey mudst		Km
BA: lt brownish grey mudst, eoh 78m		Km

PALADIN RESOURCES NL

Geophysical Logging

			RUN 1	RUN .	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	--	--
Probe No.	gamma 689	gamma to (m)	84.0	--	--
Date Logged	19.05.98	gamma speed (m/min)	3	--	--
Operator	GJ	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	84.0	--	--
Notes	poor SP, bad R	electric speed (m/min)	8	--	--

Co-ord local (m)	--	E	--	N	
Co-ord AMG	475584	E	6538839	N	
Collar Elev (m)	--	RL (m)	63.5	AOH	
Depth (m)	90.0	Azimuth	--	90 deg	
Date commenced	19.05.98	Date completed	19.05.98		
Geologist	WD	Logged date	--		
Drilling Co.	Thompson	Method	rotary mud		
Casing from (m)	--	To	--		
Water Table (m)	--	Date measured	--		
Hole Diam. (cm)	12	Plugged (Y/N)	N		
Date plotted	28.07.98				

CUM094

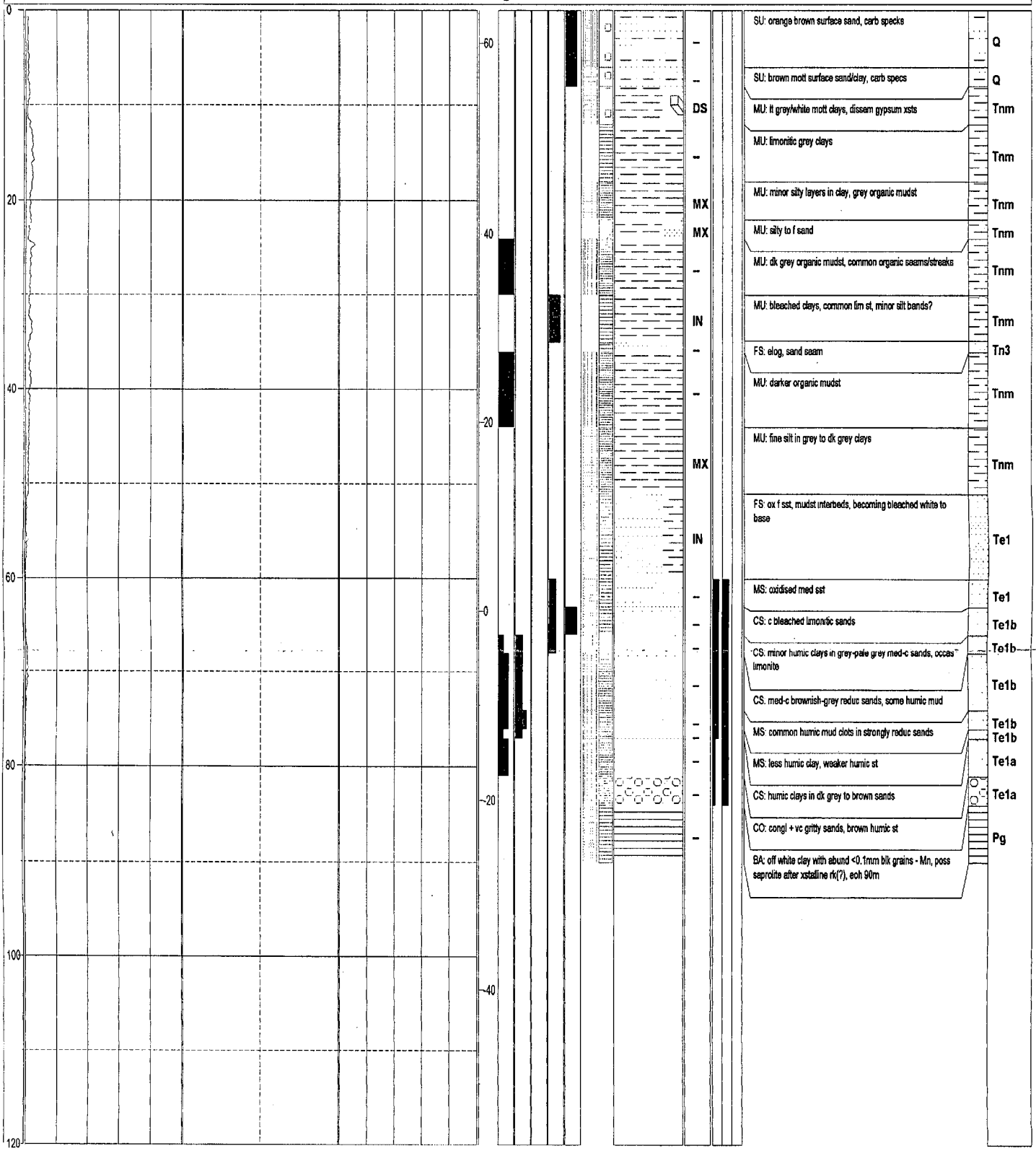
Prospect: Recon

Project: 9261

Name: CUJV

Tenement: EL2275

Depth — Gamma 0-1000 cps (corr) — Gamma 0-5000 cps (corr) — R (100-0 nominal) — SP (0-100 nominal) — eU3O8 (calc) 0-2,500 ppm (0.5 m intersections >= 100 ppm ave.) — RL (m) — Organic — Humic — Pyrite — Limon. — Carb. — Colour — Redox — Cuttings — Relator — Sorting — Rndness — Bedding



Description & Comments	Litholog.	Unit
SU: orange brown surface sand, carb specks		Q
SU: brown mott surface sand/clay, carb specs		Q
MU: lt grey/white mott clays, dissem gypsum xsts		Tnm
MU: limonitic grey clays		Tnm
MU: minor silty layers in clay, grey organic mudst		Tnm
MU: silty to f sand		Tnm
MU: dk grey organic mudst, common organic seams/streaks		Tnm
MU: bleached clays, common lim st, minor silt bands?		Tnm
FS: elog, sand seam		Tn3
MU: darker organic mudst		Tnm
MU: fine silt in grey to dk grey clays		Tnm
FS: ox f sst, mudst interbeds, becoming bleached white to base		Te1
MS: oxidised med sst		Te1
CS: c bleached limonitic sands		Te1b
CS: minor humic clays in grey-pale grey med-c sands, occas limonite		Te1b
CS: med-c brownish-grey reduc sands, some humic mud		Te1b
MS: common humic mud clots in strongly reduc sands		Te1b
MS: less humic clay, weaker humic st		Te1a
CS: humic clays in dk grey to brown sands		Te1a
CO: congl + vc gritty sands, brown humic st		Pg
BA: off white clay with abund <0.1mm blk grains - Mn, poss saprolite after xstalline rk(?), eoh 90m		

PALADIN RESOURCES NL

Geophysical Logging

			RUN 1	RUN .	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	--	--
Probe No.	gamma 689	gamma to (m)	90.0	--	--
Date Logged	19.05.98	gamma speed (m/min)	3	--	--
Operator	GJ	electric from (m)	0.0	--	--
Open/Closed Hole	open	electric to (m)	90.0	--	--
Notes	bad SP, R	electric speed (m/min)	8	--	--

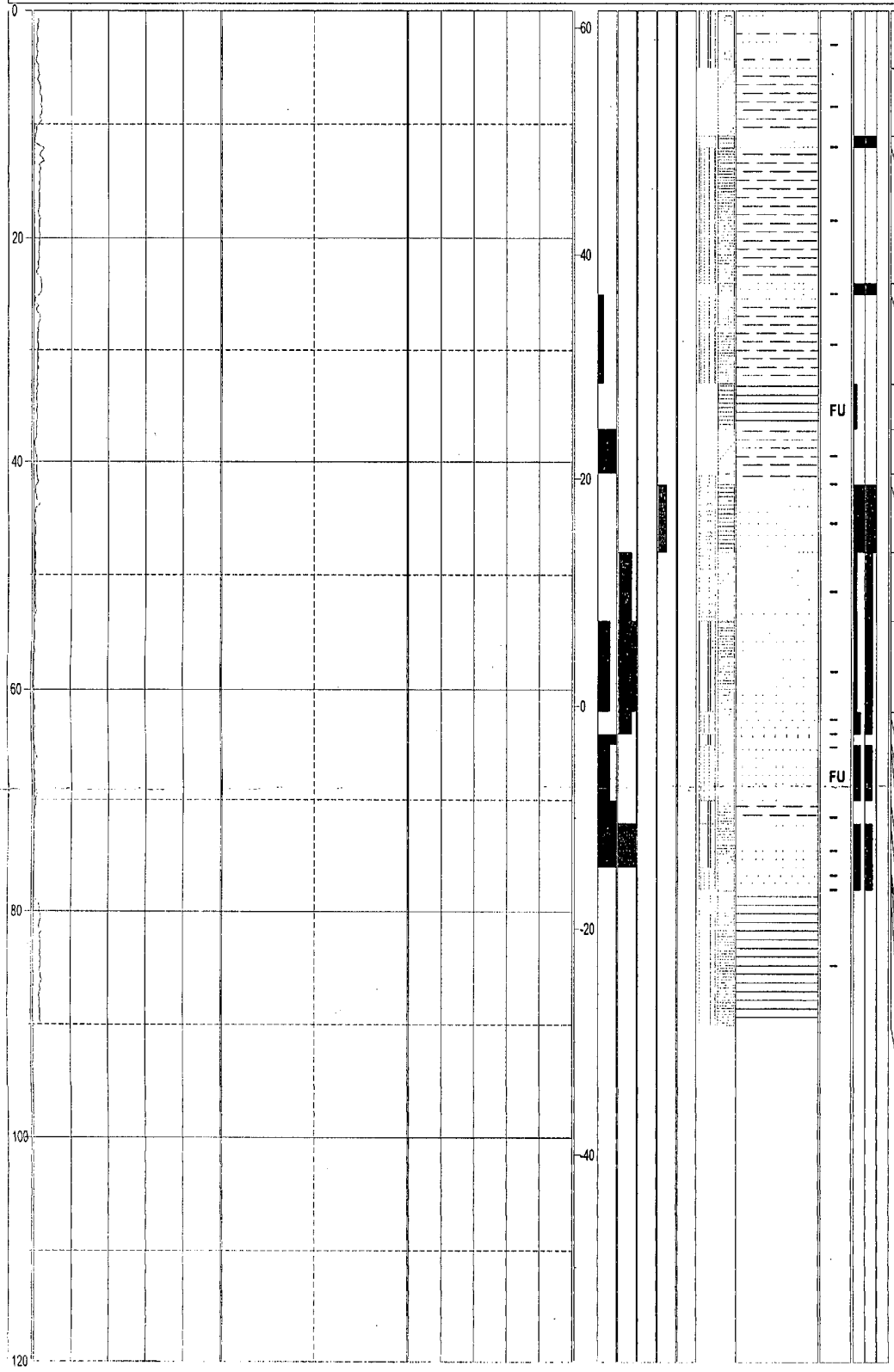
Co-ord local (m)	--		E	--	N
Co-ord AMG	473547		E	6538804	N
Collar Elev (m)	--		RL (m)	61.5	ADH
Depth (m)	90.0	Azimuth	--	90 deg	
Date commenced	19.05.98		.e completed	19.05.98	
Geologist	JD-B		Logged date	--	
Drilling Co.	Thompson		Method	rotary mud	
Casing from (m)	--		To	--	
Water Table (m)	--		Date measured	--	
Hole Diam. (cm)	12		Plugged (Y/N)	N	
Date plotted	28.07.98				

CUM095

Prospect: Recon

Project: 9261
Name: CUJV
Tenement: EL2275

Depth — Gamma 0-1000 cps (corr) / Gamma 0-5000 cps (corr) — R (100-0 nominal) / SP (0-100 nominal) — eU3O8 (calc) 0-2,500 ppm (0.5 m intersections >= 100 ppm ave.) — RL (m) — Organic — Humic — Pyrite — Limon. — Carb. — Colour — Redox — Cuttings — Relator — Sorting — Rndness — Bedding



Description & Comments	Lithol.	Unit
SU: clay & sand		Q
MU: str yellow/grey mott mudst		Tnm
MS: white med qtz sst		Tns
MU: dk grey mudst, yellow st @ base		Tnm
MS: thin band white med qtz sst		Tns
MU: dk grey mudst, some blk organic seams		Tnm
ZS: str yellow st lt grey silty f sst, med @ base		Tn3
MU: str yellow st blk organic mudst		Tnm
MU: yellow/green/dk grey mudst		Tnm
MS: bleached med sst, off white + green clay clots		Te2
CS: vc-v qtz sst, str lim st grey mud break @ top, humic st partially bleached		Te1b
VS: dk brown humic grit, minor sandy lignite balls, oily water		Te1b
LG: thin lignite band		Tel Te1b Tel
CS: dk grey c-vc sst		Te1b
LG: dk brown soft lignite		Tem
VS: vc-c f/u sequ, few mm pebs @ base		Te1b
MU: dk brown humic mudst		Tel Te1a
VS: dk grey-brown humic sst		
LG: dk brown soft lignite		Km
CS: brownish grey humic vc sst		
BA. lt brownish grey mudst with a few brown harder bands, ech 90m		

PALADIN RESOURCES NL.

Geophysical Logging

			RUN 1	RUN	RUN 3
Instrument	Mt Sopris S2 - No 266	gamma from (m)	0.0	--	--
Probe No.	gamma 689	gamma to (m)	70.0	--	--
Date Logged	20.05.98	gamma speed (m/min)	3	--	--
Operator	GJ	electric from (m)	26.0	--	--
Open/Closed Hole	open	electric to (m)	70.0	--	--
Notes	bad SP, R	electric speed (m/min)	8	--	--

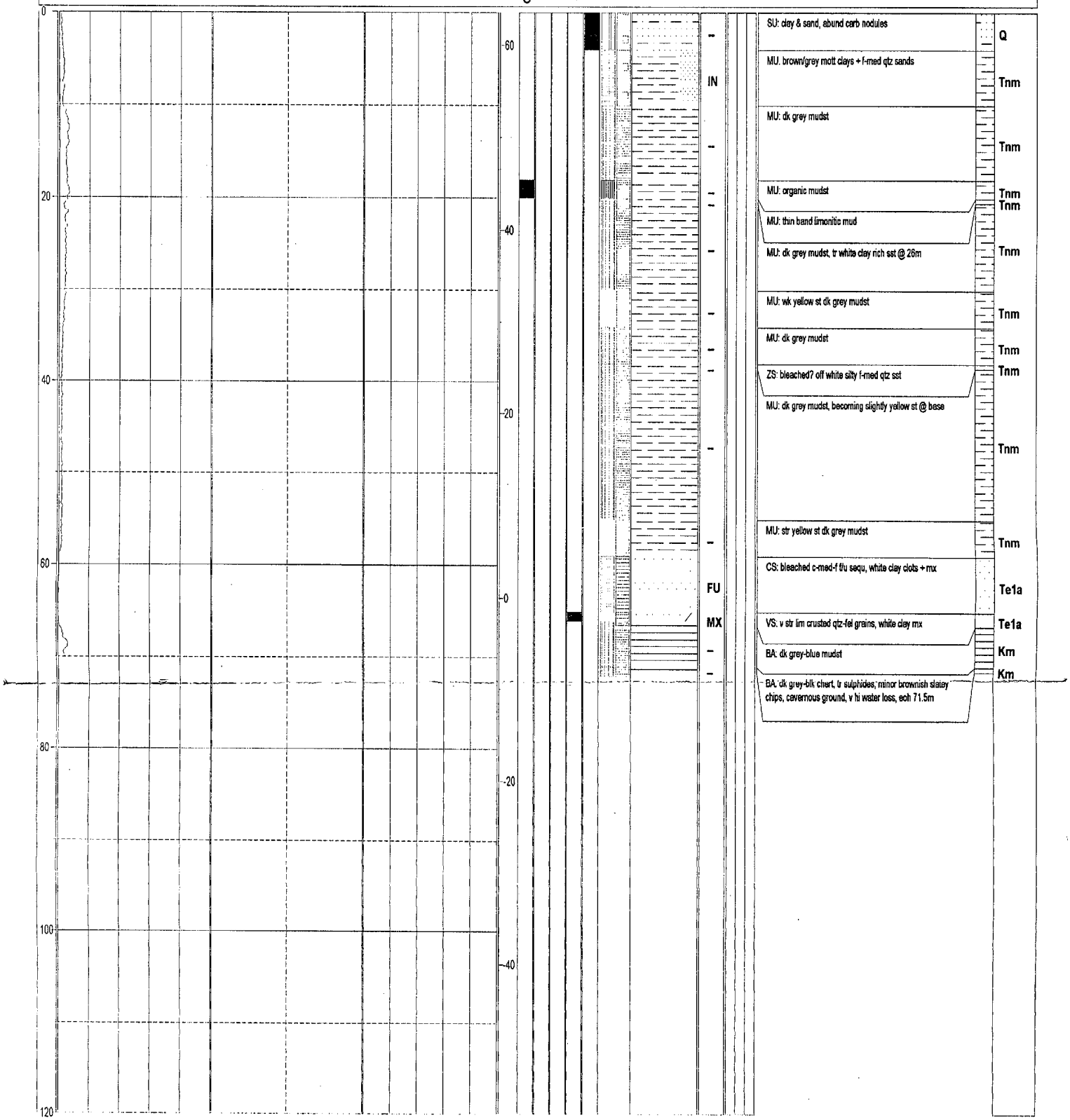
Co-ord local (m)	--		E	--	N
Co-ord AMG	477535		E	6538892	N
Collar Elev (m)	--		RL (m)	63.5	ADH
Depth (m)	71.5	Azimuth	--	90 deg	
Date commenced	20.05.98		.e completed	20.05.98	
Geologist	JD-B		Logged date	--	
Drilling Co.	Thompson		Method	rotary mud	
Casing from (m)	--		To	--	
Water Table (m)	--		Date measured	--	
Hole Diam. (cm)	12		Plugged (Y/N)	N	
Date plotted	28.07.98				

CUM096

Prospect: Recon

Project: 9261
Name: CUJV
Tenement: EL2275

Depth
Gamma 0-1000 cps (corr)
Gamma 0-5000 cps (corr)
R (100-0 nominal)
SP (0-100 nominal)
eU3O8 (calc)
0-2,500 ppm
0.5 m intersections >= 100 ppm ave.



Env 9327

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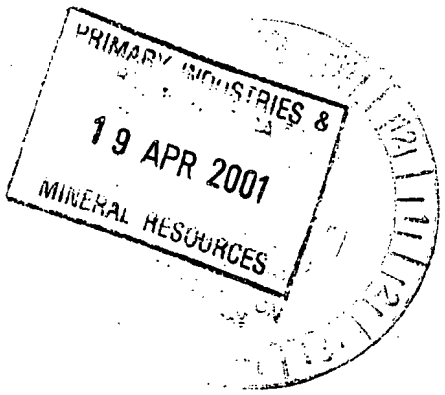
Ref: 9261/O/9

20 April, 2001



The Mining Registrar
Primary Industry and Resources SA
GPO Box 1671
ADELAIDE SA 5001

Dear Sir,

CURNAMONA PROJECT
EXPLORATION LICENCES 2272 to 2275
ANNUAL TECHNICAL REPORT

An annual technical report for the above four exploration licences for the year ended 19 February 2001 is due for submission by 19 April 2001.

However during the year ended 19 February 2001 there was no exploration field activity in any of the four licences and no data generated that warrants inclusion in a report. Office studies were confined to further review and interpretation of existing data and preparation of material for presentation to potential joint venture participants.

In these circumstances PIRSA has previously advised that in lieu of a technical report a letter should be submitted advising that because no field or other reportable activity took place an annual technical report has not been prepared. This letter is submitted to confirm that an annual technical report for EL's 2272-75 for the year ended 19 February 2001 has not been prepared for the reasons explained above.

Significant areas were relinquished from each of the four licences when they were renewed in February this year and a report covering work done on the relinquished ground is in preparation and will be submitted shortly.

If you have any questions or comments regarding this letter please contact the undersigned, telephone (08) 9381 4366 or facsimile (08) 9381 4978.

Yours faithfully,
Paladin Resources Ltd

Paddy Hogarth
Tenement Manager

9261-T55; P01063

Report No GR9261-11

EXPLORATION LICENCES 2272 - 2275

CURNAMONA PROJECT

SOUTH AUSTRALIA

FINAL TECHNICAL REPORT

20 February 1997 to 19 February 2002

Volume 1 of 1

Tenement Holders	Paladin Energy Minerals NL Brightstar Power Corporation Pty Ltd
Operator:	Paladin Resources Ltd

Compiled By P J Hogarth

April 2002

Distribution

- ☐ Primary Industry and Resources SA
- ☐ Paladin Resources Ltd (2)

SUMMARY

Exploration Licences 2272-2275 were explored for sedimentary uranium by the Paladin Brightstar Joint Venture (PBJV), with Paladin Resources Ltd as manager of the joint venture.

Because of unresolved native title and other issues surface exploration and drilling were confined to the easternmost Exploration Licence 2275. Work carried out during the term of the licences included:

- Research and compilation of previous drilling data including gamma logs, lithology logs and redox maps. 340 drill holes were identified within the four exploration licences.
- Field reconnaissance to locate and identify drill hole collars.
- Drilling of 96 mud drill holes for 9,512 metres in EL 2275
- Compilation of isopach and structural contour maps.
- Compilation and interpretation of open-file gravity data.

KEYWORDS

Map	Frome SH54-10, Curnamona SH54-14, 1:250,000
Location	Lake Frome, Erudina, Frome Downs, Billeroo Creek, Mulyungarie
Tenements	EL's 2272 to 2275
Commodity	Uranium
Geological province	Curnamona Province
Geological units	Eyre Formation, Namba Formation
Geological age	Eocene, Miocene
Geological structures	Frome Embayment, Palaeochannels

Horizontal grid references and elevations in this report are based on Datum AGD66

CONTENTS

TABLES

FIGURES

1.0 INTRODUCTION

Exploration Licences 2272-2275, covering areas of 1225km², 1262km², 870km² and 1176km² respectively, were granted to Malanti Pty Ltd on 20 February 1997 and were transferred to an associated company, Goldminco NL (Goldminco) after the float of that company, on 24 April 1997. A heads of agreement was signed on 22 May 1997 by Goldminco and the Paladin Energy Minerals NL / Brightstar Power Corporation Pty Ltd Joint Venture (PBJV) forming the Curnamona Uranium Joint Venture. Under the terms of the Curnamona Uranium Joint Venture Goldminco retained the right to explore the Proterozoic basement for base metals while the PBJV was farming in to the licence through expenditure on exploration of the overlying Tertiary sediments for uranium. The intent that Goldminco would explore the Proterozoic basement for base metals never came to fruition. By mid 1999 Goldminco had ceased to operate as a mineral exploration company and subsequently changed its name to Datafast Communications Ltd. The Exploration Licences were transferred from Datafast to Paladin and Brightstar in February 2000.

The Paladin Brightstar Joint Venture was formed in June 1997 between Paladin Energy Minerals NL, a wholly owned subsidiary of Paladin Resources NL, and Brightstar Power Corporation Pty Ltd, a wholly owned subsidiary of Uranium Australia NL (now Black Range Minerals Ltd). The primary exploration targets sought by the PBJV were sedimentary uranium deposits amenable to extraction by in-situ leaching (ISL) rather than conventional open-pit mining operations. Initially Paladin and Brightstar each contributed equally to exploration expenditure. In June 2000 Brightstar announced its withdrawal from the PBJV effectively ending that joint venture. Paladin continued as sole operator although there was minimal exploration activity following the dissolution of the PBJV until the exploration licences expired in February 2002.

2. LOCATION AND ACCESS

EL's 2272-2275 lay about 400 kilometres north of Adelaide, South Australia. When granted they formed a near contiguous block extending south and east of Lake Frome,

from Frome Downs Homestead to the NSW border, on the Frome SH54-10 and Curnamona SH54-14 1:250,000 map sheets. *(Figure 1).*

Access is gained to the area over graded gravel roads, from Yunta on the Adelaide-Broken Hill Highway, or from Hawker on the Porter Augusta-Marree road. The area is traversed by numerous station tracks.

3.0 PREVIOUS INVESTIGATIONS

Extensive sedimentary uranium exploration in the Frome Basin commenced in 1969 and continued until 1982. Potential for uranium within Tertiary palaeochannel sediments of the Eyre Formation was first recognised by Professor Eric Rudd, whose early exploration work intersected radioactive sediments in what is now known as the Billeroo Palaeochannel. Rudd's work led ultimately to the discovery of the Gould's Dam deposit by Minad-Teton in 1974. Sedimentary Uranium commenced exploration in 1970 and discovered the small Yarramba and East Kalkaroo deposits. At the same time MIM intersected anomalous radioactivity south of Yarramba at the South Eagle Prospect while Minad-Teton operating on adjacent ground discovered the Honeymoon deposit in 1972. Also in the same period, the Beverley deposit was being defined by a Petromin/Oilmin/Transoil JV which had discovered an anomalous radioactive cell within sediments of the younger Namba Formation close to the uranium rich rocks of the Mount Painter Province.

When the PBJV started the Frome Project it was estimated that sedimentary uranium exploration in the area resulted something in excess of 4000 rotary holes being drilled in an area of 50,000km^2.

Accordingly a comprehensive database was compiled to include all previous drilling with relevance to uranium mineralisation. A total of 4,060 holes were identified and incorporated in the Paladin computer system including 340 holes drilled in the four Curnamona licences as listed on the next page:

Licence	Drill Holes
EL 2272	51
EL 2273	29
EL 2274	24
EL 2275	236

Data compiled includes basic geology, radiometric and redox information as well as AMG co-ordinates for drill hole locations and collar elevations.

Tabulated data for the historical drill holes was included in the First Annual Report for the Curnamona Project prepared by Paladin in April 1998 *(1)*, and again with further refinement in the Second Annual Report prepared by Paladin in April 1999 *(2)*.

4.0 INVESTIGATIONS, 1997-2002

4.1 Compilation of Database

Paladin undertook methodical analysis of open-file data as described below. This was used to identify prospective areas and palaeochannels within the four licences that could host sedimentary uranium deposits amenable to ISL extraction.

Paladin used the MESA Curnamona Dataset as an initial database from which the company compiled and recorded a comprehensive record of open-file drill hole data for the entire Frome Embayment. Extensive and painstaking research added to this and resulted in:

- Identification of recorded drill holes
- Calculation of accurate collar co-ordinates based on the best available base maps using best-fit techniques, computer digitisation and control by digital GPS location of holes located in the field.
- Calculation of collar RL's using available elevation data and AGSO DEM data contoured in-house.

- Compilation of base geological parameters such as depth to base for principal geological units.
- Use of the above data to identify potential channels and/or sand systems.
- Compilation of redox indicators such as the presence of pyrite and carbonaceous material and appearance of sandstone.
- Evaluation of electric logs to identify unrecorded sand layers.
- Evaluation of gamma logs to identify anomalies and compile maximum and times background (xbg) values.
- Compilation of regional AGSO 5km spaced gravity data.

4.2 Geophysical Interpretation

Interpretation of geophysical data covering the four exploration licences was undertaken in 1997 by G.O.Dickson and Associates on behalf of Goldminco NL. Dickson's report was included as an appendix in the First Annual Report for the Curnamona Project prepared by Paladin in April 1998 *(1)*.

4.3 Mud Drilling

A two-stage mud drilling programme was undertaken in EL 2275 between January and May 1998. A total of 96 holes were drilled for 9,512 metres.

Lithology logs were compiled for each drill hole using Paladin's sedlog logging codes. Logging was manually recorded for each two-metre sample interval for the superficial cover and Namba Formation and one-metre sample intervals for the Eyre Formation and basement units. All holes were gamma logged immediately after completion using the Paladin Mt Sopris Series 2 logger. Electric logs (SP and R) were also run on all drill holes.

Plans showing drill hole locations, tabulated drill hole summary data and detailed drill hole logs for the 96 drill holes were included in the Second Annual Report for the Curnamona Project prepared by Paladin in April 1999 *(2)*.

5.0 RESULTS

In his field report prepared at the conclusion of the 1998 drilling programme the geologist who supervised the programme reported as follows:

"The Oban front with signs of mineralisation was successfully extended 2-2.5km SW of Berber to the Roundyard area. The lack of ore grade intersections and a complex redox pattern make the significance of the Berber-Roundyard trend difficult to judge but it is felt that a modicum (say 20-25 holes on 0.8km spaced lines) should be drilled to test for mineralisation.

The Oban front does appear to continue further to the SE from Roundyard into the Mudros Channel but it is apparently unmineralised.

The importance of the Mudros Channel is also unknown at this stage but a further two traverses towards the EL boundary (totalling 6-10 holes) is needed to fully resolve its potential.

The drilling failed to extend the Oban front to the north. The style of redox variation intersected being a non mineralised gradual upward trend, with a 5-10m thick transitional zone and lack of limonite stain. A quick re-interpretation of the area based on the following assumptions; east of the Oban front (step) the sequence is oxidized to within 1-3m of basement, west of the front at least 12m of reduced material is preserved above basement and transitional material can be regarded as oxidized suggest a more convoluted path for the front. This idea needs further work but may indicate a few areas worthy of additional reconnaissance drilling.

The drilling in the SE part of EL 2275 (New Chum Bore) failed to delineate any targets. In general the Eyre Fm thins to less than 20m, sometimes to less than 5m, and there is little evidence of a Oban-like redox front. There is a reduced zone approximately centered on New Chum Bore with oxidized sands to the west which may build a step but the results to date suggest it is un-mineralized. The reduced zone itself contains some scattered weak anomalies in previous holes but the six holes drilled by the PBJV aimed at the contacts failed to locate any anomalies in sandstone.

Overall, attempts to trace the Oban front/mineralization away from the discovery area have met with only limited success.

In conclusion the drilling was generally disappointing with predominantly equivocal to negative results."

6.0 ENVIRONMENT

The only ground-disturbing activity undertaken in the four exploration licences was the drilling of 96 mud holes in EL 2275 in January-February and May 1998. No access tracks or grid lines were cleared or constructed in the course of exploration. The locality is extremely flat and sparsely vegetated and no site preparation was required at the drill sites. Drill holes were back filled with drill cuttings as soon as down-hole logging had been completed and the remaining drill cuttings left in a shallow conical pile beside the drill collar. At the request of the manager of Mulyungarie Station final rehabilitation of the drill sites was delayed until June 2000 when weather conditions were more favourable to the re-establishment of vegetation. Drill cuttings were buried and compacted ground around the drill collar was ripped with a front end loader. Full details of rehabilitation were reported to PIRSA on completion of the work *(3)*.

7.0 EXPENDITURE

Aggregate expenditure by the Paladin Brightstar Joint Venture and later by Paladin Energy Minerals NL on the Curnamona exploration licences is listed in *Table 1* on the next page.

TABLE 1

EXPLORATION LICENCES 2272 to 2275

Expenditure 20 February 1997 to 19 February 2002

	EL 2272	EL 2273	EL 2274	EL 2275	TOTAL
Salaries and wages	37,086	33,592	31,688	117,683	20,049
Consultants and contractors	11,364	10,080	9,191	25,579	56,214
Materials and utilities	5,224	5,071	4,578	11,945	26,818
Transport and communications	6,610	5,135	5,194	18,145	35,084
Outside Services	629	582	404	150,339	151,954
Use of equipment	5,237	4,187	3,673	25,966	39,063
Legal and accounting	1,373	1,072	1,176	1,564	5,185
Insurance	842	858	685	3,083	5,468
Camp expenses	1,169	923	1,204	4,380	7,676
Tenement costs	15,750	14,643	13,295	18,650	62,338
Other costs	8,525	8,871	7,739	18,307	43,442
Sub Total	**93,809**	**85,014**	**78,827**	**395,641**	**653,291**
Overheads	9,383	8,837	7,320	28,300	53,840
Total	**103,192**	**93,851**	**86,147**	**423,941**	**707,131**

8.0 CONCLUSIONS

As noted earlier the drilling in EL 2275 was generally disappointing with equivocal to negative results.

Due to access difficulties arising from native title issues in the years following grant of the exploration licences Paladin did not have the opportunity to drill identified targets in the other three exploration licences. Following the withdrawal of Brightstar from the Joint Venture in 2000 Paladin was unsuccessful in securing further joint venture funding to explore the tenements and this led to the decision not apply for replacement tenements to hold the ground beyond the fifth anniversary of the four exploration licences. Paladin's interpretation of palaeochannels and uranium mineralisation within many of the interpreted channels therefor remains untested.

9.0 REFERENCES (Reports previously submitted to PIRSA)

1. Hogarth P, April 1998; First Annual Report, Exploration Licences 2272-2275, Curnamona South Australia; Paladin Resources NL unpublished company report.

2. Hogarth P, April 1999; Second Annual Report, Exploration Licences 2272-2275, Curnamona South Australia; Paladin Resources NL unpublished company report.

3. Becker E, June 2000; Frome basin Projects, Drill Hole Rehabilitation on EL's 2275, 2418 and 2504; Paladin Resources NL unpublished company report.

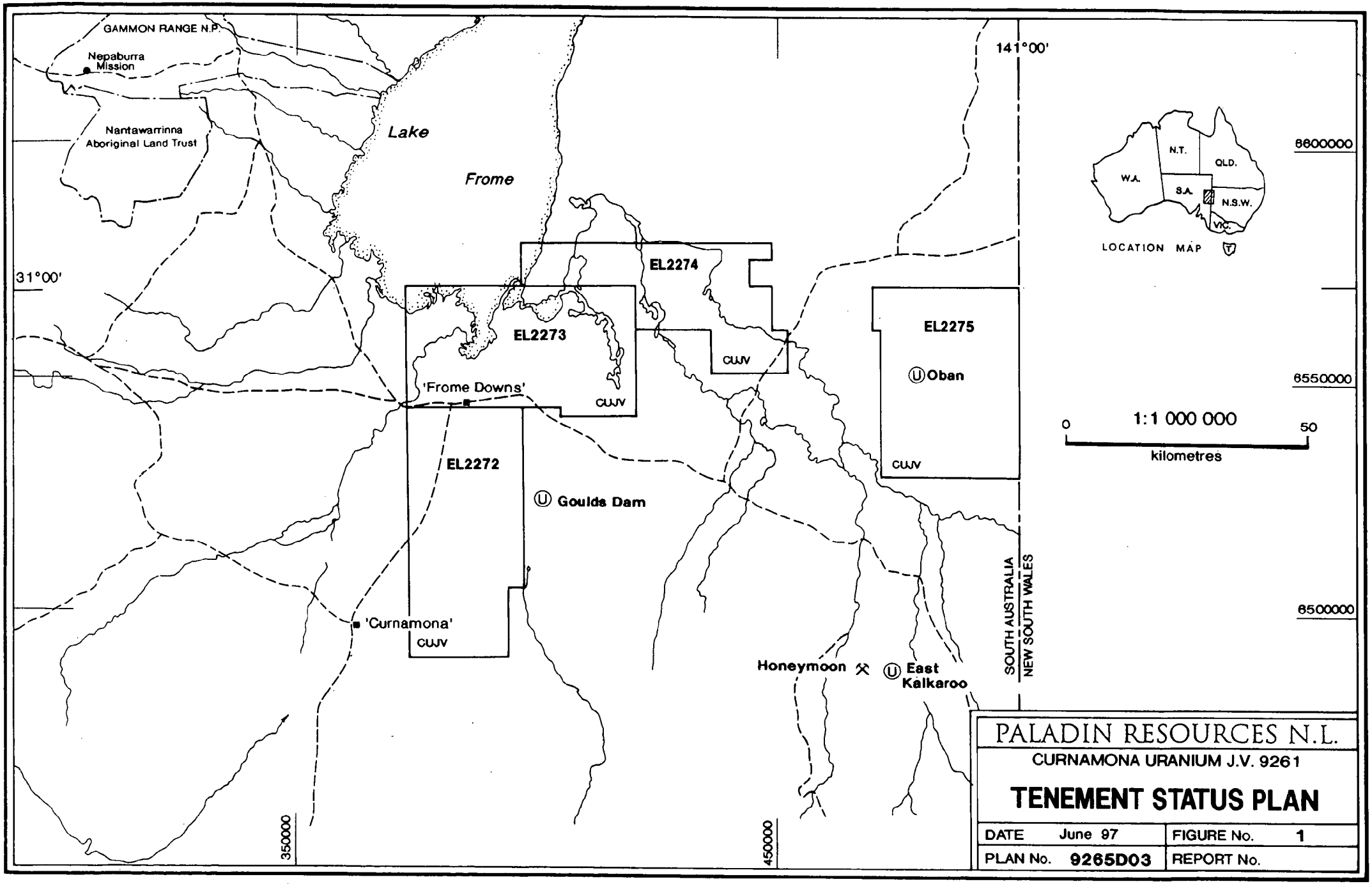
4. Hogarth P, April 2001; Exploration Licence 2272, Curnamona Project, South Australia, Partial Relinquishment Report, 20 February 1997 to 19 February 2001; Paladin Resources Ltd unpublished company report.

5. Hogarth P, April 2001; Exploration Licence 2273, Curnamona Project, South Australia, Partial Relinquishment Report, 20 February 1997 to 19 February 2001; Paladin Resources Ltd unpublished company report.

6. Hogarth P, April 2001; Exploration Licence 2274, Curnamona Project, South Australia, Partial Relinquishment Report, 20 February 1997 to 19 February 2001; Paladin Resources Ltd unpublished company report.

7. Hogarth P, April 2001; Exploration Licence 2275, Curnamona Project, South Australia, Partial Relinquishment Report, 20 February 1997 to 19 February 2001; Paladin Resources Ltd unpublished company report.

Because there was no drilling or reportable field activities during the respective periods annual technical reports were not prepared in 2000 and 2001.


GAMMON RANGE N.P.
Nepaburra Mission
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Lake
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141°00'
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EL2274
EL2273
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EL2272
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'Curnamona'
Honeymoon
Ⓤ East Kalkaroo
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PALADIN RESOURCES N.L.
CURNAMONA URANIUM J.V. 9261
TENEMENT STATUS PLAN
DATE June 97
FIGURE No. 1
PLAN No. 9265D03
REPORT No.