DEPARTMENT OF MINES AND ENERGY SOUTH AUSTRALIA

Rept. Bk. No. 79/86

STUART HIGHWAY - Bookaloo to Mt. Gunson Section, Drilling for construction water.

GEOLOGICAL SURVEY

Ву

R. READ

GEOLOGIST

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DEPARTMENT OF MINES AND ENERGY SOUTH AUSTRALIA

Rept. Bk. No. 79/86 D.M. No. 364/75

STUART HIGHWAY - Bookaloo to Mt. Gunson Section, Drilling for construction water

ABSTRACT

Six holes totalling 659 metres were drilled at 4 locations on the Bookaloo-Mt. Gunson section of the Stuart Highway.

Supplies of construction water were obtained at 3 of the locations.

There is some evidence to suggest that the optimum depth for water wells in this environment is of the order of 150 metres.

INTRODUCTION

In November and December 1978 a rotary drilling programme was undertaken for the Highways Department to provide water wells for the reconstruction of the Bookaloo to Mount Gunson section of the Stuart Highway.

Supplies of a minimum of 100 kl/day and preferrably 200 kl/day were required. Water quality was unimportant.

TOPOGRAPHY AND CLIMATE

The area is arid, Bookaloo having a mean annual rainfall of 210 mm. Surface drainage is poorly developed and drains into salt lakes. The topography is subdued with barren stony tablelands rising 30 to 50 metres above low lying areas of mulga and myall woodland, chenopod shrublands and salt lakes.

RESULTS

Successful wells were drilled at three of the locations where water was required (Hole Nos. 51, 52, 54, Fig. 2).

At the fourth three holes were drilled (Nos. 48, 49, 50) but no useful supply was obtained.

Drilling results are summarized below.

Table 1.	Results o	f Drilling	
Unit No.	Depth metres	Yield kl/day	Formation/Remarks
6334 WW 48	85	0.16	Pandurra Formation
6334 WW 49	150	38	.11
6334 WW 50	150	40	tt tt
6334 WW 51	58	510	11 11
6334 WW 52	97	370	In Tapley Hill Slate sited adjacent to abandoned exploration bore.
6334 WW 54	119	430	Pandurra Formation, sited adjacent to abandoned exploration bore.

It can be seen that the Tapley Hill Slate proved to be a surprisingly good aquifer in 6334 WW 52, but it must be remembered that this bore was sited adjacent to an exploration well known to have yielded a good supply.

The other holes were in hard red brown arkosic sandstone belonging to the Pandurra Formation. The sandstone is well lithified and has a silty micaceous matrix. All permeability must be of the fissure type, due to jointing or minor faults.

The development of joints in the region is uneven and it seems that in some areas such as the northern part of the section it is difficult to obtain useful supplies of water. These large scale effects are apparently due to differences in structural setting.

DEPTH OF DRILLING

In regions like this where it is not possible to select favourable sites for drilling the chief decision facing the hydrogeologist is the depth at which drilling should be abandoned if no water is struck. In this project holes were abandoned at a depth of 150 metres - this depth being partly determined by the capability of the rig used, and partly by experience with

hard jointed sandstones in other regions.

To test the wisdom of this policy a graphical plot (Fig. 3) of the logarithum of one minus the cumulative probability of striking 100 kl/day or more at a given depth was drawn up using drilling results supplied by Pacminex (18 holes of 49 metres or more) as well as 4 of the 6 wells drilled in this programme. (The two wells adjacent to Pacminex holes were omitted).

The optimum depth of drilling is given by the point on the graph where a tangent to the curve plotted above passes through the origin.

A plot constructed using such a relatively small number of wells, particularly over 120 metres deep, is of course subject to random variation and not reliable. However the graph shows that on the evidence available the optimum depth of drilling is about 150 metres.

The results should be treated with caution for the following reasons:

- The wells are scattered over a large area and include aquifers in at least two distinct rock types. Ideally results should be broken down into different rock types, but this is not possible with the data available.
- Classification as a 'success' or 'failure' is based on driller's estimates of airlift discharges. They could be influenced both by bias in the driller's 'eyeball' estimates and by physical factors such as hole diameter, drill column diameter, air pressure, air flow rate, depth at which water was cut and standing water level.
- 3. The cost of casing has been neglected. Depending on the practice used this may have a considerable effect, since the cost of casing per metre is about half the cost of drilling per metre. If all successful wells were cased to full depth this would reduce the optimum depth of drilling.

On the other hand if casing is only run to the base of the weathered zone, regardless of total depth, the cost of casing will not influence the optimum depth.

4. The graph drawn only takes account of metres drilled.

If shifting and setting up costs are considered the origin of the graph will be moved to the left and the optimum depth will be increased. Likewise the optimum depth will be increased if a successful well at a particular location is of more value than wells at alternative locations.

PUMP TESTING

To date none of the wells has been pump tested. 6334 WW 52 is equipped with a helical rotor pump and already in use. Unfortunately it is not possible to measure water levels in this bore, nor could the pump be run at the fork and a constant head test carried out.

The other two successful wells will be pump tested at the same time as wells to be drilled on the Pimba to Baker's Well section.

CONCLUSIONS

- 1. A success rate of 50% to 70% can be expected when drilling for construction water in this area.
- 2. Wells should be drilled to at least 150 metres before being abandoned as failures.

R. READ GEOLOGIST

RR:NK

APPENDIX I

Water Well Logs

PROJEC	:T:	Books	aldo - Mt.	Gunson Roa	d	DEPAR	TMENT O	F MINES AND ENERGY- ENGINEERING DIVISION		-		HOLE	NO:	ļ.	
LOCAT	10N OR (COORDS:					V	VATER WELL	LOG			633	AUNIT	STATE NO 0048	
				El. Surface		m						 	4 880		· <u>i </u>
SEC.		HD.		EL Ref. Point		m D	Datum	<u></u>	·			DM			
-				DEPTH TO	DEPTH TO	-	L TESTED		SUPPLY		TOTAL	DISSOLV	ED S	OLIDS	
ı	1	QUIFE	R	WATER CUT (m)	STANDING WATER (m)	From:	To:	kilolitres/day**	Test Length (hrs)	Method	milligrammes/litre	Analysi	s No:		
	Si	UMMA	RY:	65	-	65	70	0.16		Air lift	salt	w-	\$ 3		
DEPI	[H (m)	GRAPHIC		EDIMENT	1	GE/	OLOGIC	AL DESCRIPTION		FORM	ATION / ACE	DEPTH CORE		CASING	<u></u>
From	To	LOG	NA.	ME		GE!	<u> </u>	AL DESCRIPTION	- -	FORM	ATION / AGE	SAMPLE	Dia(ma)	From(m)	To(m)
0	2 12		Soil Sandsto	ne	Hard, partl	ed-brown soil, ard, partly silicified medium-grained poorly orted light brown sandstone							200	0	2
12	33		Sandston	ne	White to re	d bro	own sa	andstone Minor	mica						
33	75		Sandston	18	sandstone w	ith s	silty	fine hard dar micaceous ma ce	k red brown trix. Min.or	zoic					
75	85		Sandstor	10	Similar to	andstone with silty micaceous matrix. Minor ery fine conglomerate imilar to the above but finer-grained imilar to the above but finer-grained									
REMA	NRKS:			* NO	OTE: 110 kl / day = 1000)gak / hr.					tary Hammer	COMP	LETED:	4/11/	78
		Unst	ıccessful	Well						CIRCULATION:	Air foam	LOGGI	BO BY: R	E. Re	ad
										SHEET	of	DATE:	6/3/	/79	

PROJE	ст: S	tuart	Highway-	Bookaloo to	Mount Gunso	ILDEPAR	TMENT O	F MINES AND ENERGY- ENGINEERING DIVISION	-SOUTH AUSTRALIA			HOLE	NO : 4	В	
(OCA	TION OR	COORDS:					W	ATER WELL	LOG			633	UNIT / 4 WW	STATE NO.	ito:
SEC.		HD.		El. Surface El. Ref. Point	1	m m C	Datum					DM		+J	
				DEPTH TO	DEPTH TO	INTERVA	L TESTED		SUPPLY		TOTAL	DISSOLV	ED S	OLIDS	
	A	QUIFE	R	WATER CUT (m)	STANDING WATER (m)	From:	To:	kilolitres/day*	Test Length (hrs)	Hethod	milligrammes/litre	Analys	is No:		
!				57		57	58	3		Air lift		w-	3		l
	S	UMMA	RY:	138		57	138	38		Air lift					
DEP	TH (m)	GRAPHIC		SEDIMENT	1	GE	Ol Ocic	AL DESCRIPTION	<u> </u>	508	MATION / AGE	DEPTH CORE		CASING	
From	To	roc		ME								SAMPLE	Dia (mm)	from(m)	To(m)
0															
3	3 9 Sandstone Weathered coarse orange brown poorly sorted sandstone. Pandurra Formation														
9	18		Sandsto	ne	Medium to v sandstone	ledium to very coarse poorly storted brown									
18	24							grained mod sandstone wi	erate brown th silty mat	rix.					R
24	27				As above bu	t lie	tht br	rown							ľ
27	60			,	As for 18-2 Similar to	4m	^								
60	150		Sandsto	ne	, Coars	e to t mai	fine trix r		caceous (This	3					
							•								
REM	MARKS: *NOTE: 110 kl / day = 1000gals / hr. DRILL TYPE: Rotary/hammer											COM	LETED: 6	 12/78	3
	Unsuccessful Well CIRCULATION										Air	rogg	ED SY.R.	E.REA)
	<u>.</u>									SHEET	1 Of	DATE:	8/3	/7 9	

.

PROJEC	T: St	uart	Highway,	Bookaloo to	Mount Gunson	DEPAR	TMENT O	F MINES AND ENERGY- ENGINEERING DIVISION	-SOUTH AUSTRALIA			HOLE	NO: 4A		
LOCAT	ION OR C	COORDS:					V	VATER WELL	LOG		-	633	4 ^U WW	37 NE NO	
SEC.		HD.		El. Surface El. Ref. Point		m m C	latum .					DM		<u> </u>	
				DEPTH TO	DEPTH TO	INTERVA	L TESTED		SUPPLY		TOTAL	DISSOLV	ED S	OLIDS	
	A	QUIFE	R	WATER CUT (m)	STANDING WATER (m)	From:	To:	kilolitres/day*	Test Length (hrs)	Method	milligrammes/litre	Analysi	s No:		
		UMMA		45		45	50	40kl/day		Air lift	18 000	w-	\$ * 		
DEP From	H (m)	GRAPHIC LOG		EDIMENT	<u></u>	GE	DLOGIC	AL DESCRIPTION	<u> </u>	FOR	MATION / AGE	DEPTH	Dia(mm)	CASING From(m)	To(m)
0	3		Soil	Brow	n Soil and ch	ips o	of sar	ndstone	· · · · · · · · · · · · · · · · · · ·	1* Rece	ent	SAMPLE	200	0	3.5
3	18		Sandstor	16	quartz grai	ns ir	fine	tone with coa sandy silt en red brown							
18	36		Sandstor	ne	As above bu	t mor	e sil	licified							
36	4 2		Sandstor	ne	White silic quartz sand			um-grained silty matrix							
42	87		Sandston	ne				ined quartz s atrix. Modera							
87	in silty micaceous matrix. Moderate brown														
REM/										DRILL TYPE: RC	tary Hammer	1		1/12/	
*	Depth	epth from driller's log							CIRCULATION:	Air	rogg		E. R	EAD	
									·	SHEET	OF	DATE:	8/3	/79	

PROJEC	CT:					DEPAR		F MINES AND ENERGY- ENGINEERING DIVISIO)N			HOLE	NO: 4 <i>1</i>	1]
LOCAT	ION OR	COORDS:					A	VATER WELL	LOG					STATE NO		7
SEC.	<u>-</u> -	HD.		El. Surface El. Ref. Point		m D)atum:					DM				1
1				DEPTH TO	DEPTH TO	INTERVA	L TESTED		SUPPLY		TOTAL	DISSOLV	ED S	OLIDS		1
	A	QUIFE	R	WATER CUT (m)	STANDING WATER (m)	From:	To:	kilolitres/day*	Test Length (hrs)	Method	milligrammes/litre	Analys	is No:			1
	SI	UMMA	RY:		,							w-	\$ - \$ - \$ - \$ 1			
DEP	TH (m)	GRAPHIC	ROCK / S		<u>.</u>	GE/	Ol Ocic	AL DESCRIPTION	· · · · · <u>· · · · · · · · · · · · · · </u>	5000	ATION (ACE	DEPTH	1	CASING		1
From	То	roc	NA	ME			OLOGIC	AL DESCRIPTION		FORM	ATION / AGE	CORE SAMPLE	Dia(mm)	From(m)	To(m)	1
99 102	150		Sandston Sandston		As for 42-8 As for 87-9											4-1-
REM/	#NOTE: 110 kl / day =					gals / hr.		·	· · · · · · · · · · · · · · · · · · ·	DRILL TYPE:	· · · · · · · · · · · · · · · · · · ·	COMP				
						. .			·	CIRCULATION:	· 2	LOGG DATE:				

PROJECT: Stuart Highway, Bookaloo - Mount Gunson DEPARTMENT OF MINES AND ENERGY-SOUTH AUSTRALIA ENGINEERING DIVISION HOLE NO: **WATER WELL LOG** LOCATION OR COORDS: 6334 WALL STATE NO. El. Surface SEC HD. EL Ref. Point DM Datum INTERVAL TESTED SUPPLY DEPTH TO DEPTH TO DISSOLVED SOLIDS TOTAL WATER CUT (m) STANDING WATER (m) To: kilolitres/day* Test Length (hrs) Me thod milligrammes/litre Analysis No: **AQUIFER** w-52 48 8 58 510 Air Lift Salt SUMMARY: DEPTH (m) GRAPHIC **ROCK / SEDIMENT** DEPTH CASING GEOLOGICAL DESCRIPTION FORMATION / AGE CORE LOG NAME From Tα SAMPLE Dia(mm) From(m) To(m) 0 9 Dolomite Yellow brown dolomite with abundant mangatese Woocalla 200 3.5 oxide Dolomite Member 150 52 0 9 12 20% Dolomite as above 20% Light grey siltstone 30% Hard white silicified sandstone 30% Red brown silty micaceous sandstone 12 10 50% Hard silicified white sandstone. Sandstone medium quartz grains in silty matrix 50% Weathered brown micacceous sandstone 33 18 Sandstone White to light brown silty poorly sorted hard siliveous sandstone. Some mica - silty matrix Minor byrite 21-24m Coarse to medium grained. Lithic 33 36 Sandstone Coarse white poorly sorted sandstone containing pebbles of silicified dolomite and other lithic fragments DRILL TYPE Rotary Hammer COMPLETED 25/11/78 REMARKS: * NOTE: 110 kl / day = 1000agls / hr. CIRCULATION: Air LOGGED BY: R.E.READ DATE: 8/3/79 SHEET ... 1 ... OF ... 2 ...

PROJE	CT:					DEPARTM	ENT O	F MINES AND ENERGY- ENGINEERING DIVISIO				HOLE	NO:			Ϊ.
rocy.	TION OR C	COORDS:					M	ATER WELL	LOG			6334	W 5	STATE NO.		
SEC.		HD.		El. Surface El Ref. Point		m M Datu	ım					DM		<u> </u>		1
	•			ОЕРТИ ТО	DEPTH TO	INTERVAL T	TESTED		SUPPLY		TOTAL	DISSOLV	ED SC	OLIDS		1
	A	QUIFE	R	WATER CUT (m)	STANDING WATER (m)	From:	To:	kilolitres/day*	Test Length (hrs)	Hethod	milligrammes/litre	Analys	is No:			4
	SI	UMMA	RY:									w-	\$ 2. 3			
DEF From	TH (m)	GRAPHIC LOG		EDIMENT ME	1, ,	GEOL	OGIC	AL DESCRIPTION		FORA	MATION / AGE	DEPTH CORE	Dis(ss)	CASING From(m)	To(m)	
36 48	Sandstone Medium grained moderate by sandstone with micaceous sand siliceous.								trix. Hard of sandstone aces show							<u></u>
	as ab signs such					ld res	ult		tion of							
REM	ARKS:			* NC	OTE: 110 kl / day = 1000	gals / hr.		* * * * * * * * * * * * * * * * * * *		DRILL TYPE:		COMP	LETED:			
										CIRCULATION:		rocc	ED BY:			
						- ***				SHEET 2	оғ2	DATE:		,		

PROJECT: Stuart Highway- Bookaloo to Mount DEPARTMENT OF MINES AND ENERGY-SOUTH AUSTRALIA HOLE NO: ENGINEERING DIVISION Gunson **WATER WELL LOG** LOCATION OF COORDS UNIT / STATE NO. 6334 WW 52 El. Surface SEC. HD. EL Ref. Point DM Datum INTERVAL TESTED SUPPLY DISSOLVED SOLIDS TOTAL DEPTH TO DEPTH TO WATER CUT (m) STANDING WATER (m) To: kilolitres/day Test Length (hrs) Method milligrammes/litre Analysis No: **AQUIFER** w-29 29 33 3 Air lift SUMMARY: 32 57 Air lift 97 370 DEPTH (m) GRAPHIC **ROCK / SEDIMENT** DEPTH CASING GEOLOGICAL DESCRIPTION FORMATION / AGE CORE LOG NAME From Ťο SAMPLE Dia(mm) From(m) To(m) Soil Light brown calcarcous sandy soil Recent? 288 0 3 57 Sand Orange brown silty poorly sorted sand Quaternary 12m* 24 Sandstone Weathered poorly sorted silty sandstone. brown near top grading down to grey. Light grey sandy clay sand, may be contaminated 24 45 Clay Weathered from up-hole lip $c_{ ext{lay}}$ Dark grey clay with fine sand. Tapley Hill Slate 45 51 Dark grey shale, weathered 57 51 Shale Tapley Hill Slate 96 Shale Dark grey laminated shale with fine mica. Some pyrite. COMPLETED: 22/11/78 DRILL TYPE: Rotary/hammer REMARKS: * NOTE: 110 kl / day = 1000gols / hr. LOGGED BY: R.E.READ CIRCULATION: Air * Depth from driller's log 7/3/79 DATE:

												HOLE	NO: 2]
LOCAT	ION OR	COORDS:					N	ATER WELL	LOG			633	UNIT / S	TATE NO.		1
SEC.		HD.		El. Surface El: Ref. Point		m D	atum					DM	+ #19	24	<u>.</u>	1
				ОЕРТН ТО	ОЕРТН ТО	INTERVA	L TESTED		SUPPLY		TOTAL	DISSOLV	ED SC	DLIDS		
		QUIFE	R	WATER CUT (m)	STANDING WATER (m)	From:	To:	kilolitres/day*	Test Length (hrs)	Method	milligrammes/litre	Analys	s No:]
				107.5	36	107.5	108	130	1hr	Air lift		w-	; }.			
	S	UMMA	RY:	119	36		119.5	430	1hr	Air lift			5			
DEP	[H (m)	GRAPHIC		EDIMENT	<u> </u>	GEC	DLOGIC	AL DESCRIPTION		500	NATION / AGE	DEPTH CORE		CASING		-
From	To	roc	NA	ME						PORM	ATION / AGE	SAMPLE	Dia(mm)			
0	3		0-3 Sand	lstone				.ow - brown sa		·			200	0	4.5	
3	sandstone											150	0	71		
9																د
18	21		Sandston	ne	light brown	, les	s we]	ll-indurated								18
21	33		Sandston	ne	Light grey,	as f	or 9-	-18 m but med	ium grained							
3 3	36		Sandston	ne	Similar to silty.	the a	bove	but fine gra	ined and						-	
3 6	51		Sandston	ne	Coarse quar	tz gr	ains	in fine silt	y sand							
Sandstone Fine grained medium grey silty poorly sorted sandstone with same coarse grains. Heavily contaminated by cavings from above.																
REM	ARKS:	11		* NC	OTE: 110 kl / day = 1000	lgals / hr.		·	<u> </u>	DRILL TYPE: RO	tary/hammer	СОМР	LETED: 1	6/11/	78	
										CIRCULATION:	Air foam	LOGG	ed by. R	.E.RE	AD	
SHEET1 OF2 DATE: 7/3											7/3/	79				

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PROJE	ECT:					DEPAR	TMENT O	F MINES AND ENERGY- ENGINEERING DIVISION				HOLE	NO: 2		-] ,
LOCA	TION OR C	COORDS:					N	VATER WELL	LOG				UNIT / S	STATE NO.	56/66	
SEC.		HD.		El. Surface El. Ref. Point		ma D	atum					DM	<u>, , , , , , , , , , , , , , , , , , , </u>			
-				DEPTH TO WATER CUT (m)	DEPTH TO STANDING WATER (m)		L TESTED		SUPPLY		TOTAL	DISSOLV	ED SC	DLIDS		1
	A	QUIFE	i R	WATER CUT (M)	STANDING WATER (M)	From:	To:	kilolitres/day*	Test Length (hrs)	Me thod	milligrammes/litre	Analysi	s No:	<u> </u>		4
	SU	UMMA	RY:		•							w-	\$ \$.			
DEF	TH (m)	GRAPHIC		EDIMENT	<u>l</u>		OLOGIC	AL DESCRIPTION	· · · · · · · · · · · · · · · · · · ·	FOR	14701 4 405	DEPTH		CASING		1
from	To	roc		WE			<u>_</u>		<u> </u>	FORM	NATION / AGE	CORE SAMPLE	Dia(mm)	from(m)	To(m)]
66	78		Sandstor	ne	Medium grey quartz sand			cained poorly or pyrite.	sorted							
78	105		Sandstor	ne	stone with	rown coarse poorly sorted quartz sand- with silty micaceous matrix. Sub led to sub anzular grains.										د ا
105	117		Sandston	ne	As above bu	t med	lium e	rained								1-9
							٠									
								·	<u>, .</u>							
REM	ARKS:			*NO)TE: 110 ki / day = 1000	gals / hr.				DRILL TYPE:		COMP	LETED:			
										CIRCULATION:	·	LOGG	ED BY:			
		<u> </u>				· · · · · ·		·	•	SHEET1.	of2	DATE:]

APPENDIX

Listing of Results

Notes

Samples taken at 12.5M and 25 m intervals.

All analyses were carried out by AMDEL.

Analytical Method for Cu, Pb, Zn, Co, Ni, Mn, Fe - Atomic Absorption Spectroscopy.

Analysis scheme C1: Upper detection limit 10 000 p.p.m. Lower detection limit in brackets (p.p.m.)

Co(5), Cu(2), Mn(5), Ni(5), Pb(5), Zn(1)

0.5 gm sample digested in hot perchloric acid.
Analysis scheme F1:1

Fe (0.01% to 20%)

Analytical Method for Ba, Cr, Mo, V, W, La, Y, Ag, As, Bi, Sb, Sn, Au, P - (Rock samples only)

Emission Spectroscopy. Detection limits as shown to 10 000 p.p.m.

FORM		ب	ults in pr Soi	om unless Sample	otherwis	e stated	ВАТСН	NO. //	2
<u>. TT</u>	Sample No.	Line No. Metre RockUnit	oge Cu	Pb	2n	Co.	Ni	%Fe	Mn
1	17 1546/78	CT 1-00m	<i>95</i>	12	50		Ĵo	2.8	260
2	7			10	55_	8	22	2.9	270
3	8 -	PF+	22,	15	55	12_	22	2.8	210
4	9		22,	12,	50	8	25	2.9	270
5	50 x	50 M	22	15	60	8	22	2.8	310
6			20	12	48	10	18	a. b	250
7	2.	¥	20	10	48	88	18	2.5	200
8	3	*	22	15	45	88	18	2.6	200
9	¥	100M	22/	18	48	12	18	3.8	300
10	. 5		18	12	48	8	12	2:6	320
11	6	·	30	20_	55_	15	15	3.1	310
12	7	Eyi	20	18	55	12,	15	a.6	320
13	8	150 M	20	18	100	8	15	2.5	320
14	q		30	10	45	88	10	2.4	270
<u> </u>	60		20	12	55	12,	15	2.8	350
16	S11).	1							
17	61		18	12	60	10	15	2.5	240
18	2	200 M	22	18	80	: 12	15	2.6_	240
19	A 1563 78		20	38	110	10	15	ط٠د	380
			•						1 -

EODM	6 JOB 3753/7	g Resu	ilts in pr	NALYIICA om_unless_	otherwis		ВАТСН	NO. 2	
FORM	6 0100/1	Line No. Metreage		oil Sample		_	.) #	ar	
. тт	Sample No.	Rock Unit	Cu	Pb	2-n	CO	Ni	%Fe	Mn
1	A 1564178		22	32	150	8	15	2.8	320_
2	5	Eyi v	20	32	100	8	18	2.5	260
3	6	250 M	18	30	50	8	1.5	2.3	250
4	7		18	15	42	8	15	2.2,	28ó
5	. 8		18	12	38	8	15	2.5	280
6	9		18	12	3.8	8	15	2.3	260
7	STI7.					<u> </u>			
8	70	300 M	22	5	3.8	12	15	2.2	240
9			18	5	40	10	15	2.5	280
10	2	Ph	18	8	38	8	15	3.4	240
11	3		20	8	42,	8	15_	2.6	230
12	4	350 M	20	10	35	10	18	2.4	240
13	5		22,	10	40	10	18	2.5	270
14	6		20	10	45		15	3.6	320
	7		18	8	48	10	18	2.5	380
16	x 8 r	↓ 400 M	15	8	42	10	15	<u>ي</u> ه٠4	300
17	0.8	CT 2-00 M	25	12.	55	12	25	3.1	310
18			58	10	70	10	25	3.8	230
19	A 1582 178	Pf+	22,	12	65	10	25	3.0	410
20	78 x							<u></u>	<u></u>

FORM	6 JOB 37 53 78		AMDEL AN				ВАТСН	NO. 3/4	t
-			Cu	Pb	Zn	Co	Ni	%Fe	Mn
TT	Sample No. [7] 1583 78		18	15	55	8	18	2.4	270
	•	* 100 M	22/	15	8.5	12	20_	2.9	270
2	<u> </u>	10011	20	18	60	10	18	2.6	230
3			& <u></u>	10	,				
	STD.		15	25	50	10	15	2.4	300
5	6		15	25	90	8	15	2.5_	270_
6	8	200 M	18	20	50	10	15	2.5	280
7	9	70011	18	18	50	10	15	3.6	340
8	90	Pyi	18	12	45	10	18	2.3	270
<u>9</u> 10		- SI	25	15	50	10	20	2.9	290
	2	300 M	22,	15	55_	12	15_	2.8	350
11	3	1	15	10	40	8	15	2.3	330
12	4		18	15	42	8	18	2.5	330
13	95 x		18	12	42	10_	18	3.6	300
14	13 2	400 M		15	48	10	18	3.0	300
<u>15</u>	7	700.7	20	10_	40	8	18	2.5	250
16	8	 	30	12	50	15	15	3.0	440
17	9		30	12	42	10	15_	2.6	300
<u>18</u> 19	A 1600178	¥ 500M	1	. 15	55	10	18	2.6	360
20	95 x						<u></u>		1

TT 1		Line No. Metreage		oil Sampl	es		ВАТСН	,	· · · · · · · · · · · · · · · · · · ·
			, ,	f)t. 1	2n	Co	Ni	16°C	Mn
1 1		Rock Unit	Cu	Pb					260 /
	-1-14	CT3-00M			_55	8	18	2.5 2.5	220
2	3		15	10	_55_	10	<u>20</u> 18	2.5	210
3	4		15	10	48	10 15	22	2.6	120
4	5	B · a	15	15	55		gl gl		
5	STD.	Pyi?			1. 10	8	18	<i>a</i> ·3	220 -
6	6	50 M		12	48	12	18	2:5	230
7	7		12	8	50 50	12	25	2.4	200
8	a .		15 15	10	5 <u></u>	15	28	2.5	220.
9	30	100 M	12	15	38	8	15	ე.⊙	290
10	30	100 17	12	8	35	5	15	2.2	250
11	2,	CT4-00M		15	55	10	25	3.0	280
12		014-0011	25			88	20	2.8	270
13	· 33 x		22/	12 15	50 55	8	18	2.8	340
14	5		18 30	12	45	5	15	2.5	270
5	6	50 M	15	12	42	5	15	a· 4	310
16	7	, 30 11	15	. 12	35	5	12	2.1	310
17	8	<u>2</u> f+	15	12,	42	5	15	a·5	310
18	A 1639 178	L''	18	15	48	8	18	2.6	300
19	2 2			19	70	, y			
20	33 X	<u> </u>	AMDEL AN	ALYTICA	L SERVI	CE	- 4 - 011	NO	
	6 JOB 375317		lts in pp				BAICH	NO. 57	6.
FORM	6 3/33/1	1		O)	20	Co	Ni	%Fe	Mn
TT	Sample No.		Cu	Pb				2.6	250
1	A 1640/78	4 100M	18	12	55	10	18		210
2		T	22/	15	55	5	15	2·8 3·1	240
3	2		22/	22	75	88	18.	3.1	120
4	. 3		22/	8	45	< 5	15_	2.3	190
5	44 x	150 M	18	12	50	5	15	2.0	130
6	5		<u> 28</u>	15	40	5	15_	à.7	210
7 .	6		22/	8	48	8	15	2.3	180
8	*7	Pyi	25	8	40	5	1		210
9		2001						2.3	180
10								2.3	210
11	50		25						35
12	<u> </u>		10	< .5	T	T	1		230
13		250 M		10					270
14	3		22/	12	45	10_	1		
15	STD.	_				0	15	2.5	240
16	4		20_	15	45	1	15	2.5	100
17	. 5	 *	22	10	50	10	15	2.3	210
3 /	1 /	1 500 34	18	12	50	10_	_ 		
18	6	" 300 M				0	15	2.4	320
Carrie and a second	A. 1921 148	Plo	20	8	40	8	15	2.4	330
9 10 11 12 13 14 15	8 9 50 1 2 3 STD.	2001	25 30 25 10 20 22	8 12 10 < .5 10	42 40 38 8 45 45	5 5 5 < 5 5 10	15 15 15 5 15 18	2.5 2.3 2.3 0.35 2.6 2.6	36 230 230 230

: ```.				NALYTICA			DATOU	. 110	•	
FORM 6 3753 78 Results in ppm unless otherwise stated BATCH NO. 6										
TT	Sample No.	Line No. Metreag Rock Unit	e Cir	196	·2.n	Co	Ni	%FC	Mn	
1	A 1658/78		18	5	40	10	18	2.5	260	
2	9		25	8	40	88	18	2.5	2401	
3	60	350M	18	8	35	8	18	a. o	170	
4	STD.			,	7.84					
5	61	66	22,	20	35	8	15	2·2	200	
6	2,		20	8	35	8	15	<u>ي.</u> 4	220	
7	3		3 <i>2</i> ,	8	38	8	18	<u> </u> ત્ર.વ	190	
8	Ч	400M	18	15	38	8	18	2.4	250	
9	5		20	8	3 <i>5</i>	8	1.28	2.3	210	
10	5	CT5-00M	20	121	55	8	22	a•7	300	
11	•		25	8	60	12	28_	ည ်ရ	240	
12	8		22	10	50	5	22_	2.7	240	
13	. 0	Pf+	25		60	8	25	3.1	300	
14	.70 ×	50M	28 28	10	60	.8	25	3.1	330	
7	1		22	12	55	10	25	ე∙8	350	
16	2	*	18	22	60	12,	18	2.5	a60 (
17	3		30	35	75	10	18	2.6	320	
18		100M	20	22	65	15	20_	2.9	420	
19	A 1675178	10-11	18	15	60	10	20	2.6	350	
20	100			1.0		/0				
		 		IN L VITTON	CERVI	^ E				
	JOB 37 (317)		AMDEL AN	NALYTICA m unless	otherwise	stated	<u></u>	NO. 7/3		
FORM	JOB 37 (317)		AMDEL AN 1ts in pp Cu	μ unless	2n	c stated	Ni	%Fe.	Mn	
FORM TT	JOB 3753 73		lts in pp	m unless	2n 60	CO 8	N i	% C.	Mn 360.	
FORM TT 1	JOB 3753 73 Sample No. A 1676 78		lts in pp Cu	μ unless	2n 60 80	CO 8	N: 15 18	% C	Mn 360,	
FORM TT 1 2	5 JOB 3753 778 Sample No. A 1676 78		Cu 18	Pho 18	2 n 60 80 48	CO 8 8 8	N; 15 18	2.5 2.8 2.6	Mn 360, 320,	
FORM TT 1	JOB 3753 73 Sample No. A 1676 78	Resu	Cu 18 22	ph β 18 15	2 n 60 80 48 45	CO 8 8 8 8	N; 15 18 15	2.5 2.8 2.6 2.5	Mn 360, 320 260 270	
FORM TT 1 2	5 JOB 3753 778 Sample No. A 1676 78 7	Resu	1ts in pp Cu 18 22 20	p _b 18 15	2 n 60 80 48 46 42	CO 8 8 8 8	N; 15 18 15 15	2.5 2.8 2.6 2.5 2.5	Mn 360, 320 260 270	
FORM	Sample No. A 1676/78 7	Resu	1ts in pp Cu 18 22 20 22,	Ph 18 15 10	2 n 60 80 48 46 42 40	CO 8 8 8 8 8	IV: 15 18 15 15 15	2.5 2.8 2.6 2.5 2.5 2.5	Mn 360, 320, 260, 270, 260, 250	
FORM TT 1 2 3 5 6	50B 3753 73 Sample No. A 1676 78 7 8 9 • 50 x	Resu	1ts in pp Cu 18 22 20 22 18 22	μ unless (ββ 18 15 10 10	2n 60 80 48 46 42 40	CO	N: 15 18 15 15 15 15	2.5 2.5 2.6 2.5 2.5 2.4 2.2	Mn 360, 320 260 270 260 250 210	
FORM	Sample No. A 1676/78 7 8 9 0 1	Resu 	1ts in pp Cu 18 22 20 22 18 22 18 25	ph unless of 18 15 10 10 15 12	2 n 60 80 48 45 42 40 35 35	8 8 8 8 10 8	N; 15 18 15 15 15 15 15 15	2.5 2.8 2.6 2.5 2.5 2.4 2.2 2.1	Mn 360: 340: 360: 270: 260: 260: 210: 190:	
FORM TT 1 2 3 5 6	Sample No. A 1676/78 7 8 9 • 50 x 1 3	Resu 	1ts in pp Cu 18 22 20 22 18 22 18 25 18	Plo 18 15 10 15 12 8 10	2 n 60 80 48 45 42 40 35 35 42	CO & 8 8 8 8 10 8	N; 15 18 15 15 15 15 10 12	2.5 2.5 2.6 2.5 2.5 2.4 2.2	Mn 360, 320 260 270 260 250 210	
FORM TT 1 2 3 5 6 7 8	Sample No. A 1676/78 7 8 9 • \$0 x	Resu 50 M Eyi 200 M	1ts in pp Cu 18 22 20 22 18 22 18 25 18	m unless of physics of the physics	2 n 60 80 48 46 42 40 35 35 42 42	CO & 8 8 8 8 10 8 8	Ni 15 18 15 15 15 15 10 12 12	2.5 2.8 2.6 2.5 2.5 2.4 2.2 2.1 2.4 2.2	Mn 360. 320 260 270 260 260 210 210 210	
FORM TT 1 2 3 5 6 7 8 9 10	Sample No. A 1676/78 7 8 9 • 50 x 1 3	Resu 	1ts in pp Cu 18 22 20 22 18 22 18 25 18	Plo 18 15 10 15 12 8 10	2 n 60 80 48 45 42 40 35 35 42 42 42	CO 8 8 8 8 10 8 8	Ni 15 18 15 15 15 15 10 12 12	2.5 2.8 2.6 2.5 2.5 2.4 2.2 2.1 2.4 2.9	Mn 360 340 360 270 260 260 270 280 280	
FORM TT 1 2 3 5 6 7 8 9 10 11	Sample No. A 1676/78 7 8 9 . 50 x 1 2 3 4 5	Resu 50 M Eyi 200 M	1ts in pp Cu 18 22 20 22 18 22 18 25 18	m unless of physics of the physics	2 n 60 80 48 46 42 40 35 35 42 42 42 42	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	N; 15 18 15 15 15 15 10 12 12 15 16 15	2.5 2.8 2.6 2.5 2.5 2.4 2.2 2.1 2.4 2.9 2.4 2.1	Mn 360: 320: 260: 270: 260: 260: 270: 210: 210: 210: 280: 280: 280: 280:	
FORM TT 1 2 3 5 6 7 8 9 10 11 12	Sample No. A 1676/78 7 8 9 . SO x 1 2 3 4 5 6	Resu 50 M Eyi 200 M	1ts in pp Cu 18 22 20 22 18 22 18 25 18 18	m unless of phonon 18 15 10 10 12 15 8 15 15	2n 60 80 48 45 42 40 35 35 42 42 42 48	CO & 8 8 8 10 8 8 8	Ni 15 18 15 15 15 15 10 12 15 15 15 15 15 15 15 15	2.5 2.5 2.5 2.5 2.5 2.4 2.1 2.4 2.1 2.4 2.1	Mn 360 340 360 370 360 360 360 360 370 380 380 380	
FORM TT 1 2 3 5 6 7 8 9 10 11 12 13	Sample No. A 1676/78 7 8 9 . 50 x 1 2 3 4 5	Resu So M Pyi 200M	1ts in pp Cu 18 22 20 22 18 25 18 18 25 18 20	m unless of phonon phon	2 n 60 80 48 46 42 40 35 35 42 42 42 42	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	N; 15 18 15 15 15 15 10 12 12 15 16 15	2.5 2.8 2.6 2.5 2.5 2.4 2.2 2.1 2.4 2.9 2.4 2.1	Mn 360: 320: 260: 270: 260: 260: 270: 210: 210: 210: 280: 280: 280: 280:	
FORM TT 1 2 3 5 6 7 8 9 10 11 12 13 14	Sample No. A 1676/78 9 SO x 1 3 4 5 9 STD:	Resu 50 M Eyi 200 M	1ts in pp Cu 18 22 20 22 18 22 18 25 18 18 20 18	m unless of phonon 18 15 10 10 12 15 8 15 15	2n 60 80 48 45 42 40 35 35 42 42 42 42 48 48	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	N; 15 18 15 15 15 10 12 15 15 15 15 18	2.5 2.8 2.5 2.5 2.4 2.1 2.4 2.1 2.4 2.1 2.4 2.6	Mn 360 320 360 270 260 260 270 280 280 280 320 340	
FORM TT 1 2 3 5 6 7 8 9 10 11 12 13 14 15	Sample No. A 1676/78 7 8 9 . SO x 1 2 3 4 5 6	Resu So M Pyi 200M	1ts in pp Cu 18 22 20 22 18 25 18 25 18 20 18 20	m unless of phonon 18 15 10 10 12 15 8 15 15	2n 60 80 48 46 42 40 35 35 42 42 42 42 438 48 40	CO 8 8 8 8 10 8 8 8 10	Ni 15 18 15 15 15 15 10 12 15 15 15 18 18	2.5 2.5 2.5 2.5 2.4 2.1 2.4 2.1 2.4 2.1 2.4 2.5 2.5 2.4 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5	Mn 360: 340: 370: 260: 260: 270: 260: 270: 280: 280: 280: 280: 280: 280: 280: 280: 310: 310:	
FORM TT 1 2 3 5 6 7 8 9 10 11 12 13 14 15 16	Sample No. A 1676/78 9 SO x 1 3 4 5 9 STD:	Resu So M Pyi 200M 250M	1ts in pp Cu 18 22 20 22 18 25 18 25 18 20 18 20	m unless of plo 18 15 10 10 12 15 15 15 15 15 15 15 15	2 n 60 80 48 45 42 40 35 35 42 42 42 42 42 42 42 42 42 42	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	N; 15 18 15 15 15 10 12 15 15 18 15 18 18 18	2.5 2.5 2.8 2.5 2.4 2.1 2.4 2.1 2.4 2.4 2.1 2.4 2.5 2.4 2.5 2.4 2.5 2.4 2.5 2.4 2.5 2.4 2.5 2.5 2.4 2.5	Mn 360 320 260 270 260 270 280 280 280 280 280 280 310 270	
FORM TT 1 2 3 5 6 7 8 9 10 11 12 13 14 15 16 17	Sample No. A 1676/78 9 SO x 1 3 4 5 9 STD:	Resu So M Pyi 200M 250M	1ts in pp Cu 18 22 20 22 18 25 18 25 18 20 20 20 20 20 20 20 20 20 2	m unless of phonon 18 15 10 10 12 15 8 15 15 15	2n 60 80 48 45 42 40 35 35 42 42 42 42 42 42 42 42 48 40	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	N; 15 18 15 15 15 10 12 15 15 15 18 15 15 15 15 15 15	2.5 2.5 2.8 2.5 2.4 2.4 2.4 2.4 2.4 2.4 2.4 2.4	Mn 360 320 360 370 360 360 370 360 310 310 370 360	
FORM TT 1 2 3 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Sample No. A 1676/78 7 8 9 . SO x 1 3 4 55 6 7 8 9 5TD. 90	Resulting Result	1ts in pp Cu 18 22 20 22 18 25 18 25 18 20 18 20 18 20 18	m unless of phonon pho	2 n 60 80 48 45 42 40 35 35 42 42 42 42 42 42 42 42 42 42	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	N; 15 18 15 15 15 10 12 15 15 18 15 18 18 18	2.5 2.5 2.8 2.5 2.4 2.1 2.4 2.1 2.4 2.4 2.1 2.4 2.5 2.4 2.5 2.4 2.5 2.4 2.5 2.4 2.5 2.4 2.5 2.5 2.4 2.5	Mn 360 320 260 270 260 270 280 280 280 280 280 280 310 270	
FORM TT 1 2 3 5 6 7 8 9 10 11 12 13 14 15 16 17	Sample No. A 1676/78 9 SO x 1 3 4 5 9 STD. 10 10 10 10 10 10 10 10 10 1	Resulting Result	1ts in pp Cu 18 22 20 22 18 25 18 25 18 20 18 20 18 20 18 20 18 20 18 20 18 21 18 20 18 20 18 20 18 20 18 20 18 21 20 18 20 18 20 18 20 18 20 18 20 18 21 20 18 18	m unless of plo 18 15 10 10 12 15 15 15 15 15 15 15 10 10 12 15 15 15 15 15 15 15 15 15 15 15 15 15	2n 60 80 48 45 42 40 35 35 42 42 42 42 42 42 42 42 48 40	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	N; 15 18 15 15 15 10 12 15 15 15 18 15 15 15 15 15 15	2.5 2.5 2.8 2.5 2.4 2.4 2.4 2.4 2.4 2.4 2.4 2.4	Mn 360 320 360 370 360 360 310 320 360 310 310 310 310 310	

,^			AMUEL AT	MALTITUA	L SEKAT	CE.	- A - A	NO =	
	6 JOB 3753/73	ം Resu	lts in pp	m_unless	otherwise	e stated	BATCH	NO. 8	· ·
FORM	6 3/33/70	Line No. Metreage	Soil -	Samples		^	N/	165e	11n
TT	Sample No.	Rock Unit	Cu	Pb	2-n	Co			
1	7 1694178	350 M	18	15	40	5	18	2.3	· 280 !
2	5		80	10	35	8	15	2.0	2101
3	6	PЬ	18	12,	40	88	18	<u>a·3</u>	270
4	7		15	8	45	5	18	2.3	270
5	1698	400 M	22	12,	40	8	15	2.4	330.
6	STD.								*************
7	1719	CT6-001	20	15	55	8	25	2.8	270 1
8	20		22	15	60	8	20	2.9	320 '
9	1	1	20	15	55	10	20	7.8	330
10	2	Pf+	રત્ર	15	60	10	30	2.9	320 °
11	3	50M	20	18	60	8	22	2.8	320
12	4		22	15	65	8	22	3.0	280
13	5	J.	20	20	65	12.	22_	2.9	2301
14	261	X	28	18	55	10	22_	3.6	190
715	7	100 M	32	18	55	8	20	a·5	210
16	3		28	20	60	10	25	2.5	2001
17	q	1	25	12	80	15	20_	8.8	380
18	30		28	15	80	25_	22_	2.8	320
19	A 1731178	150 M	42	೩೦_	65	8	18	2.6	260
20	36x	750 17							The Control of the Co
20	A second decision of the second decision of t			INI VITCA	L SERVI	CF			,
			AMDEL AN	IALY I I CA			BATCH	NO. 9/	0
FORM	6 JOB 3753/78	Resu	lts in pp	m uniess	JUNETWIS		 γ	/ 1	
- 10101			Cu	Pb	2-h	co	Ni	%Fe	Ma
TT	Sample No.	B :		18	65	15	18	2.2.	230'
1_	1732 78	Pyi	30		65	8	18	2.4	250
2	3.		28	18	60	8	18	2.3	270
3	4		32	15	<u> </u>				
)4	STD.				50	8	20_	3.0	24O'
5	5	200 M	22,	15	50	10	18_	3.0	260
6	6	<u> </u>	25	15	50	12	18_	2.9	280
7	7	<u> </u>	40	12	60		15	2.9	280
8	8		18	12	48 48	10	18	3.0	230
	0	250 M	2.2	15	4-X	1		1 -	1

ე∙8

2.4

2.4

2.4

<u>a.1</u>

3.0

3.0

2.5

2.4

3.2

18.

8_

250 M

300 M

362·51

CT7-00M

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44 x

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1749 178

311 ×

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		ļ.	AMDEL AI	NALYTICA	L SERVI	CE		,	
FORM	JOB	Resul	ts in pp	m unless Samples	otherwis	e stated	ВАТСН	NO.10	national desirements.
TT	Sample No.	Line No.Metreage RockUnit	Cu	Pb	2n	Co	MI	% ! @	Mn.
1	A 1750/78	•	3 8	8	70	8	25	3.0	4201
2	1'	Pft	25	12	65	12	a5	3.0	3401
3	٠ ك	6.	25		70	8	25	2.7	370 /
4	.3	¥ 50 M	25	15	65	12	25	3.0	3401
5	L	1	<i>25</i>	25	120	12	18	2.8	3401
6	55 x		೩೦	28	140	12,	15	2.8	3401
7	6		20	35	160	12	15	3.1	340
8		100 M	18	18	85	12	18	2.8	360
9	8		عمر	15	.100	12.	18	3.0	330
10	q		30	15	55	10	18	2.5	370 ^V
11	60		25	20	55_	8	18	a:8	390'
12		150 M	್		45_	10	15	2.6	240'
13	h		ನ ೦	12	50_	8	15	2.6	310 /
14	3		28	2	48	10	18	2.5	310
)	ų.		22	10	42	8	15	2.4	<u>a50'</u>
16	STD.	Pyi							
17	5	200 M	20	10	45	10	15	2.4	360 '
18	. 6		20	8	42	10_	16	2.5	320'
19	A 1767178		22,	8	42	10	15	2:3	240'
20	55 x				,				
CONTRACTOR STATEMENT	Company of the second of the s	The second se	AMDEL /	NALYTIC	AL SERV	/ICE			
	л 6 3753/78) Resu				se stated	BATC	H NO. 1//	12
FOR		,	Cu	PI	12n	Co	Ni	%Fe	Mn
	Sample No. 9		32	8	45	12	22	2.4	290'
	A 1768/18	250 M		10	45	8	15	2.4	2901
2	70	20011		18	48	10	12.	વ∙3	350'
3_			18						
	STD · 71 _			1 00	50	12	18_	2.8	450
5	The second secon		25	32	60	10	18	2.8	350
6	2	200 M	25		60	8	12,	2.6	380
	3	300 M	30	38	80	8	15	2.9	380'
8	4 5	+	20	12,	45	8	18	2.7	330
9	6		22,	12,	48	8	15	2.8	99O
10	7	360 M		15	50	10	15	3.1	320 '
11	8			18	50	12	18	3.0	3401
12	9	_ <u>P</u> b	28		1,0	12.	15	2.9	420

<u>25</u>

400M

CT8-00M

Pyi?

A

Q

83 x

1786 | 78

83 x

2.9

3.0

2.9

2.6

2.6

2.2

2.9

a30'

<u>220°</u>

AMDEL	ΔΝΔΙ	YTICAL	SERVICE
APIDE L	AIVAL		

,* .,	9	ı	AMDEL AI	VALYTICA	L SERVI	CE	54704	NO.	
FORM	6 JOB 3753/78	? Resu	lts in pp	m unless Samples	otherwis	e stated		NO. 12	
TT	Sample No.	Line No.Metreag Rock Unit	e Cu	Pb	2n	Co	Ni	%Fe	Mn
1	A 1787/78	100 M	22	15	60	12.	18	2.8	270
2	.8.		30	12	70	8	18	2.7	220 /
3	9		30	12.	48	8	18	2.4	210
4	90		28	8	45	8	18	<u> 3·5</u> _	170
5	STD.								
6	91	200 M	22,	8	40	88	15	2.5	240
7	2		. 20	5	42	8	15	2.5	360.
8	3		22/	10	40	88	15_	2.4	200°
9.	4		20_	10	42,	88	15	2.4	250
10	5	300 M	20	8	35	5	12	1.9	190
11	6		15	10	32	5	10	1.8	200
12	7		18	15	40	5	15	2.2	240
13	8		10	5	30	5	8	1.5	ַםנו_
14	9	400M	15	8	35	5		1.7	310,
5	1800 x		25	12,	45	8	12	2.1	220
16		Pyi	18	12	40	5	15_	1.9	270
17	2	J	15	5	15	5	5	0.6	65
18	3	500 M	22,	8	35	5	10	2.0	.300
19	A 1204178		35	10	40	10	15	3.0	220
20	1500×				<u> </u>		<u></u>	<u></u>	L

		ANALYTICAL SERVICE	
ORM 6 JOB 3753/	78 Results i	n ppm unless otherwise stated	BAT

TCH NO. 13/14 FOF %Fe Co Pb Ni Cu Mn 2nTT Sample No. 2.1 2.3 600M 2.3 2.2 <u>a30°</u> <u>a·5</u> 350° 10 x 2.5 700 M 2.9 3.2 <u>3·0</u> 775 M <u>25</u> 3.0 CT9-00M 2.6 2.8 Pf+? 2.7 2.8 100 M 3.8 510. 2.4 Pyi 2.7 1822/78 A 2.5

			AMDEL AI	NALYTICA	L SERVI	CE			
FORM	6 JOB 3753/78	Ŷ Resu	lts in pp	m unless Soil Samo	otherwis les	e stated	ВАТСН	NO. 14	
тт	Sample No.	Line No. Metreage Rock Unit		Pb	2 n	Co	Ni	%Fe	Mn
1	H 1823178	200 M	15		42	8	15	2.3	370
2	4'		20		48	8		2.7	360 1
3	5		18	10	42	8	18	2.3	<u>430 /</u>
4	SID.								
5	6		15	12:	38	8	15	2.1	400
6	7	300 M	15	15	40	8	12	a∙3	430
7	8		15	15	38	5		3.1	350
8	9		18	12/	38	8	15	2.2	086
9	30		15	15	40	8	12	3.2	<u>360</u>
10	•	400 M	18	15	40	8	15	2.2	320
11	2		15	15	40	8	15	2.3	380 '
12	. 33 x		15	12	38	8	. 15	2.1	380'
13	4		30	12	48	8	18	a.7	430 '
14	5	500 M	78	12	48	8	18	3.0	300'
	6		, 22,	12	50	8	18	⊃∙8	400'
16	7	Pyi	25	10	45	8	18	ગ્ર•8	270
17	8		22,	12	48	8	12	2.5	240
18	q	600 M	38	15	• 50	8	20	3.0	400
19	A 1840178		22	15	50	10	20	3.0	420
20	33'x			·					
Contraction of the second	1 (A)	Transpire of the State of the S		141 VT 10A	L CEDVI	CF		• .	
FORM	·6 JOB 3753/70		AMDEL AN					NO. 15	
FORM	JOB 3753/70							NO. 15/ %. Fe	Mn
-			lts in pp	m unless	otherwis	e stated		· · · · · · · · / I	Mn 420'
TŤ	Sample No.		lts in pp	m unless	otherwise 2n	e stated	Ni	%.Fe	Mn 420'
	Sample No. A 1841/78		Cu 28	m unless Ph 12	2n 48	Co 8	N;	%. Fe 3.0	Mn 420' 360' 330'
TT 1 2	Sample No. A 1841/78	? Resu	Cu 28 20	m unless Pb 12 12	2n 48 45	Co 8	N; 18 15	%.Fe 3.0 2.6	Mn 420' 360' 330'
TT 1 2	Sample No. A 1841/78 2 3	? Resu	28 20 30	m unless Pb 12 12 15	2 n 48 45 55	Co 8 10	N; 18 15 20	%. Fe 3.0 2.6 3.3	Mn 420' 360' 390' 350'
TT 1 2 3 5 5	Sample No. A 1841/78 2 3 44 x	? Resu	28 20 30 22	m unless Pb 12 12 15 12	2 n 48 45 55 48	C 0 8 10 12	N; 18 15 20	%. Fe 3.0 2.6 3.3 3.0	Mn 420' 360' 330' 390' 350'
TT 1 2 3	Sample No. A 1841/78 2 3 44 x 5 6	? Resu	28 20 30 22 20	m unless Pb 12 12 15 12 8	2 n 48 45 55 48 48	C 0 8 10 12 12 12 10 8	N; 18 15 20 18 20 18	%. Fe 3.0 2.6 3.3 3.0 2.8 2.6 2.5	Mn 420' 360' 390' 350' 350' 320'
TT 1 2 3 5 6	Sample No. A 1841/78 3 44 x 5 6 7	700 M 800 M	28 20 30 22 20	m unless Pb 12 12 15 12 8 8	2 n 48 45 55 48 48	C 0 8 10 12 12 12 10 8 8	N; 18 15 20 18 20 18 18 15	7. Fe 3.0 2.6 3.3 3.0 2.8 2.6 2.5 2.9	Mn 420' 360' 330' 350' 350' 320' 330'
TT 1 2 3 5 5 6 7	Sample No. A 1841/78 3 44 x 5 6 7	700 M	28 20 30 22 20 20	m unless Pb 12 12 15 12 8 8	2 n 48 45 55 48 48 48 48 50	C 0 8 10 12 12 10 8 8 10	N; 18 15 20 18 20 18 15 15	7. Fe 3.0 2.6 3.3 3.0 2.8 2.6 2.5 2.9	Mn 420' 360' 390' 350' 350' 320' 340'
TT 1 2 3 5 6 7 8	Sample No. A 1841/78 3 44 x 5 6 7	700 M 800 M	28 20 30 30 22 20 20 18	m unless Pb 12 12 15 12 8 8 10 10	2 n 48 45 55 48 48 48 48	C 0 8 10 12 12 12 10 8 8	N; 18 15 20 18 20 18 15 18 15	7. Fe 3.0 2.6 3.3 3.0 2.8 2.6 2.5 2.9 2.9 2.8	Mn 420' 350' 350' 350' 320' 330' 340' 300'
TT 1 2 3 5 6 7 8 9	Sample No. A 1841/78 3 44 x 5 6 7	700 M 800 M	28 20 30 22 20 20 20 18 22, 22,	m unless Pb 12 12 15 12 8 8 10 10	2 n 48 45 55 48 48 48 48 50	C 0 8 10 12 12 10 8 8 10	N; 18 15 20 18 20 18 15 15 15 15 15	7. Fe 3.0 2.6 3.3 3.0 2.8 2.6 2.5 2.9 2.9 2.8 2.8	Mn 420' 360' 390' 350' 350' 320' 330' 340' 330'
TT 1 2 3 5 6 7 8 9 10	Sample No. A 1841/78 2 3 44 x 5 6 7 8 9 1	700 M 800 M	28 20 30 32 20 20 18 22 22 22	m unless Pb 12 12 15 12 8 8 10 10 15 15	2 n 48 45 55 48 48 48 50 55 50	C 0 8 10 12 12 10 8 8 10 10 10	N; 18 15 20 18 20 18 15 18 15 15 15 15	7. Fe 3.0 2.6 3.3 3.0 2.8 2.6 2.9 2.9 2.9 2.8 2.5 3.0	Mn 420' 360' 390' 350' 350' 320' 330' 340' 300' 360'
TT 1 2 3 5 6 7 8 9 10 11	Sample No. A 1841/78 2 3 44 x 5 6 7 8 9 50	700 M 800 M	28 20 30 22 20 18 22 20 18	m unless Pb 12 12 15 12 8 8 10 10 15 12	2 n 48 45 55 48 48 48 50 55 50 48	CO 8 10 12 12 10 8 8 10 10 8 8	N; 18 15 20 18 20 18 15 15 15 15 15 15	7. Fe 3.0 2.6 3.3 3.0 2.8 2.6 2.5 2.9 2.9 2.8 2.5 3.0 2.8	Mn 420' 350' 350' 350' 350' 320' 330' 340' 360'
TT 1 2 3 5 6 7 8 9 10 11	Sample No. A 1841/78 2 3 44 x 5 6 7 8 9 9 1 2 3 4	700 M 800 M	28 20 30 22 20 20 20 20 18 22 20 18	m unless ρ _b 12 12 15 12 8 8 10 10 15 12 15 12	2 n 48 45 55 48 48 48 50 55 50 48 55	E stated CO 8 10 12 12 10 8 8 10 10 8 8 8 10 10 8	N; 18 15 20 18 20 18 15 18 15 15 15 15	7. Fe 3.0 2.6 3.3 3.0 2.8 2.6 2.9 2.9 2.9 2.8 2.5 3.0	Mn 420' 360' 390' 350' 350' 320' 330' 340' 300' 360'
TT 1 2 3 5 6 7 8 9 10 11 12 13	Sample No. A 1841/78 3 44 x 5 6 7 8 9 1 2 3 4 50 1 4 510.	700 M 800 M	1ts in pp Cu 28 20 30 22 20 18 22 20 18 22 18 20 18	m unless Pb 12 12 15 12 8 8 10 10 15 12 15 12 15	2 n 48 45 55 48 48 48 48 50 55 50 48 55 50	Stated CO	N; 18 15 20 18 20 18 15 15 15 15 15 15 15	7. Fe 3.0 2.6 3.3 3.0 2.8 2.6 2.6 2.9 2.9 2.8 2.5 3.0 2.8	Mn 420' 360' 390' 350' 350' 320' 330' 340' 360' 360' 340'
TT 1 2 3 5 6 7 8 9 10 11 12 13 14	Sample No. A 1841/78 3 44 x 5 6 7 8 9 1 2 3 4 50 1 2 3 4 510.	700 M 800 M	1ts in pp Cu 28 20 30 22 20 18 22 20 18 22 18 20 18	m unless Pb 12 12 15 12 8 8 10 10 15 12 15 12 15 12 15 12 15	2n 48 45 55 48 48 48 50 55 50 48 55 50 60	C D 8 10 12 12 12 10 8 8 10 10 8 8 10 10 10 8 8 8 10	N; 18 15 20 18 20 18 15 15 18 15 15 15 15 15 15	7. Fe 3.0 2.6 3.3 3.0 2.8 2.6 2.5 2.9 2.9 2.8 2.6 2.5 3.0 2.8 3.0	Mn 420' 360' 390' 350' 350' 320' 330' 340' 360' 340' 340'
TT 1 2 3 5 6 7 8 9 10 11 12 13 14 15	Sample No. A 1841/78 3 44 x 5 6 7 8 9 1 3 4 50 1 4 510.	700 M 800 M	1ts in pp Cu 28 20 30 22 20 18 22 20 18 22 18 20 18 20 18	m unless Pb 12 12 15 12 8 8 10 10 15 12 15 12 15 12 15 12	2n 48 45 55 48 48 48 48 50 55 50 48 55 50 60 60	E stated CO 8 10 12 12 10 8 8 10 10 8 8 10 10 8 8 10 10	N; 18 15 20 18 20 18 15 15 15 15 15 15 15 15 15	7. Fe 3.0 2.6 3.3 3.0 2.8 2.6 2.6 2.9 2.9 2.8 2.5 3.0 2.6 2.6 2.6 2.6 2.6	Mn 420' 360' 330' 350' 350' 320' 330' 340' 360' 340' 340' 340' 340' 340'
TT 1 2 3 5 6 7 8 9 10 11 12 13 14 15 16	Sample No. A 1841/78 3 44 x 5 6 7 8 9 1 2 3 4 50 1 2 3 4 510.	700 M 800 M 900 M CT 10-00N	1ts in pp Cu 28 20 30 22 20 18 22 20 18 22 18 20 18 20 18	m unless Pb 12 12 15 12 8 8 10 10 15 12 15 12 15 12 15 12 15	2n 48 45 55 48 48 48 50 55 50 48 55 50 60	E stated CO 8 10 12 12 10 8 8 10 10 8 8 10 10 8 8 10 10	N; 18 15 20 18 20 18 15 15 15 15 15 18 15 18 15 18 15 18 15 18 18	7. Fe 3.0 2.6 3.3 3.0 2.8 2.6 2.9 2.9 2.9 2.8 2.6 3.0 2.8 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.8	Mn 420' 360' 330' 390' 350' 320' 330' 340' 360' 340' 340' 340' 340' 340' 340' 340'
TT 1 2 3 5 6 7 8 9 10 11 12 13 14 15 16 17	Sample No. A 1841/78 3 44 x 5 6 7 8 9 1 3 4 50 1 4 510.	700 M 800 M	28 20 30 22 20 20 20 18 22 20 18 20 18 20 18	m unless Pb 12 12 15 12 8 8 10 10 15 12 15 15 15 12 15 18	2n 48 45 55 48 48 48 48 50 55 50 48 55 50 60 60	E stated CO 8 10 12 12 10 8 8 10 10 8 8 10 10 8 8 10 10	N; 18 15 20 18 20 18 15 15 15 15 15 15 15 15 15	7. Fe 3.0 2.6 3.3 3.0 2.8 2.6 2.6 2.9 2.9 2.8 2.5 3.0 2.6 2.6 2.6 2.6 2.6	Mn 420' 360' 330' 350' 350' 320' 330' 340' 360' 340' 340' 340' 340' 340'

			AMDEL A	VALYTICA	L SERV	ICE				
· ` FORM	16 JOB 3753/7	78 Resu	ılts in pp	m unless Soil Samo	otherwis l es	se stated	ВАТСН	NO.16		
TT		Line No. Metrea Rock Unit	ge Ch	Ph	2 n	Co	Ni	16Fe	Mn	
1	A 1859178		25	12,	55_	10		2.8	250'	
2	50'	100 M	20	12	55	8	15	3.8	300'	
3	STD.						· · · · · · · · · · · · · · · · · · ·			
4	61	9 *	30	12,	65		15	2.7_	360,	
5	2	· ^	22	12	42	8	12,	2.3	210	
6	3		ಇ೦	15	50	10	18	2.8	270	
7	<u> </u>	200 M	22,	15	48	10	8	3.0	2801	
8	5		25	18	48	12	18	2.8	340/	
9	6		20	15	42	12	15_	2.6	340/	
10	7		25	15	48	12	18	2.9	3401	
. 11	8	300 M	್ವಿನ	10	38	8	18	<u> </u>	220 '	
12	9		38	18	45	10	18	2.5	250'	
13	70 x	Pyi	25	12	40	8		2.6	240'	
14		1	18	15	45_	10	18	2.6	280'	
5	2.	400 M	22,	15	48	8	15	2.9	260	
16	3		30	12	48	8	8	a·8	2501	
17	Y		18	12	45	8	18	2.3	430	
18	5		25	12	50	8	15	2.6	2901	
19	A 1876178	500 M	15	88	40	8	15	2.1	360'	
20	70'x								<u> </u>	
· F	AMDEL ANALYTICAL SERVICE JOB 3753/78 Results in ppm unless otherwise stated BATCH NO.17/18									
	TT Sample No.		Cu	Pb	2.1	, Co	Ni	%Fe		

2.8 350° A 1877/18 15. 2.8 2.8 2.5 600 M STD. 2.5 2.9 Pyi 2.6 2.6 700 M 250' 2.9 ఎష 2.0 .3.4 88 x 2.1 800M 2.5 2.4 3.8 2.4 2.9 925M 1895/78 A 2.7 <u>20</u> CT11-00M B

			AMDEL A	NALYTICA	AL SERVI	ICE				
- FORM	16 JOB 3753/70	g Resu	ılts in p _l	om unless Soil Sami	otherwis Nes	e stated	ВАТСН	NO.18		
TT	Sample No.	Line No.Metreas RockUnit	e Cu	Pb	2n	CO	N,i	15e	Mn	
1	A 1896178		18		35	10	22.	2.6	430	
2	7		20	124	38	12.	25_	3.0	430	
3	8		2.2/	12.	35	10	18	2.8	380'	
4	9	50 M	20	12,	45	15	20	2.9	4201	
5	1900	<u>Eft</u>	22	. 12	42	18	25	3.0	5001	
6	STD.									
7	1901		3.2%	15	45	15	25	3.1	430	
8	. 2	4 100M	22,	12	42	8	15	2.4	2601	
9	3	^	8&		45	. 10		2.6	260/	
10	b		28	12	48	10	18	3.6	300 /	
11	. 5.		22		48	8	18	2.6	280 /	
12	<i>b</i>	150 M	32	8	45	10	18	۵.6	220'	
13	7		22,	12	45	5	15	2.5	300/	
14	63		22	15	45	5	18	a·5	280 /	
	9		25	8	45	10	18	g·5	2301	
16	10 x	200 M	.30	10	48	8	15	2.5	280 '	
17	11		a5	. 10	45	5	18	2.6	250 '	
18	اک	<u>Pyi</u>	30	10	42,	5	15	2.4	270	
19	A 1913/78		20	12	48	5	. 18	2.6	300	
20	10 x									
en e	Propagation of the Control of the Co		AMDEL A	NAL VTIC	AL CEDV	ICE	H-s	,	*******	
FOR	AMDEL ANALYTICAL SERVICE FORM 6 3753/78 Results in ppm unless otherwise stated BATCH NO. 19/20									
TT	Sample No.		Cu	Pb	2n	Co	Ni	16Fe	Mn	
1	A 1914178	250 M	20	12	42	8	15	2.5	230/	

FORM	JOB 3753/78	Resu	lts in p	pm unless	otherwis	se stated	ВАТСН	NO. 19	120
TT	Sample No.		Cu	Pb	2n	Co	Ni	16Fe	Mn
1	A 1914/18	250 M	<u> </u>	12	42	8	15	2.5	230/
2	15		25	12.	42	8	15	2.6	240/
3	16		30	12	45	8	12	2.5	280 /
	17		20	12.	40	8	15	2.4	2601
5	18 X		20	10	40_	8	15	2.3	2301
6	19	312.51		10	45	5	15	2.6	310
7	. 20	CT12-00M	1 18	8	48	8	15	2.7	400
8	1		15	5	35	8		2.2	340
9	L		15	12.	45	10	18	2.4	460
10	3		22,	10	60	8	18	3.0	440
11	4	100 M	೨೦	12.	55	10	15	2.7	400
12	5		18	12	45	8	15	2:5	340
13	Ь	l Pyi	20	12	55	8	18	2.9	330
14	7		22,	10	50_	8	18	3.9	340
15	8	200 M	22	15	50	88		3.0	320
16	STD.		and the second second second second second					· · · · · · · · · · · · · · · · · · ·	
17	9		22/	15	55	10	18	2.9	360
18	30		25	8	45	5	18	2.8	270
19	P 1931178		25	12	48	8	18	2.6	330
20	18 ×							÷	

				AMUEL AT				DATCU	NO a C	N.
	FORM	6 JOB 3753/78	? Resu	lts in pp	m ynless Soil Somm	otherwise es	stated	BATCH	NO. 20	
•	1		Line No. Metread		Pb	20	Co	Ní	1.Fe	Mn
_	TT	Sample No.	Rock Unit	<u> </u>				<u></u>	2.6	3201
	1_	A 1932/78	300 M	25	12,	48	12	15		
_	2	3		22,	25			18	3.0	<u>430</u> 3
_	-3	4 _		2.2	15	50	IO	30	2.9	370
_	4	STD.								
	5	5		22,	8	45	10	<u>81'</u>	3.6	340
-	6	6	400 M	28	12.	55	8	30	3.2	260
	7	7		25	22,	70	10	18	3.1	470
	8	8		25	20	4-8	12	18	a.6	490
-	9	. 9		30	18	50	10	18	2.9	460
-	10	40	500 M	25	18	<u>55</u>	10	18	2.9	300
-	11			22,	25	70	8	18	3.6	290
-	12	λ	<u>Pyi</u>	25	15	55	8	15	3.8	340
-	13	3	,	30	_70_	110	. 10	18	9.6	330/
•	14	44 X	600 M	42	8	48	10	18	2.7	450
-	15	. 5		22	10	40	12/	20	2.7	460
•	16	6		30	10	38	12	15	2.6	310
-	17	7		ಎo	10	35	10	15	3.6	380
-	18	8	700 M	32/	8	38	8	18	2.9	440
-	19	A 1949178		48	12	32	8	15	2.6	310
-	20	44 ×							<u> </u>	1, ,
8088	20			AMDEL A	NALYTICA	I SERVI	CF	¥ !	*	
		JOB 27521-	· D Resi	AMDEL A ults in p				ВАТСН	NO. 21/	122
	FORM	6 JOB 3753/7	70	· ·	1	<u> </u>	T	N/ ·	0/5	M
	TT	Sample No.	l	Cu	Pb	2n	Co	N;	%Fe	Mn
•	<u>' ' '</u> 1	A 1950178		35	10	32	8	12.	2.4	290/
;	2	1		28	12/	38	8	15	3.6	290/
•	3	2	800 M		12	40	10	15	3.6	380
	•									1 (1)

2.8 9401 ລູລຸ CT 13-00 M 35 · 32, 3.2 660/ 2.8 55 x <u>Pf</u>+ 3.2 390 / 3.1 * 100 M 210/ 3.2 3.2 3.2 3.2 200 M 2.9 2, 3.5 Pyi 3.2 <u>STI).</u> 1100' 3.6 300 M <u>3:3</u> 28. 18. 2PKts.ter 1. 2.8 1967 A P 55 x

TT Sample No.	* FORM	JOB 3753/78	? Resu	ilts in p	om unless Soil Sampl	otherwis es	e stated	BAICH	NO. 22	-
2 8 4 400M 20 12 42 12 18 3:0 410 3 9 25 12 45 8 12 2:8 300 4 70 Pgi 22 10 50 12 18 3:2 280 5 5TD. 6 71 18 10 35 12 16 24 400 7 2 500M 25 10 55 10 18 3:2 380 8 3 4 15 12 38 10 10 2:3 380 9 1	TT	Sample No.	Line No.Metreag Rock Unit	e Cu	1	1	Co	Ni	15 c.	Mn
2 8	1	A 1967B/18	2 FKts. tech	22	12	48	12	22	2.9	5801
3	2		400 M	20	12	42	12	18	3.0	410 1
STO	3	9					8	12,	2.8	300 1
5 STO. 8 71	4	70	Pui]	50	12	18	3.2	380
6 71	5	STD.								
7	6			18	10_	35	12	15	2.4	400
8 3			500 M			1	10	18	3.2	360
9	8	3	4				10	10	2.3	380
10	9		1			50	12,	18	3.0	470
12	10	5		25	10	50	12	15	2.9	390
13	11	Ь	600 M	೩೦	15	50	10	15	2.9	380
13	12	7	Pb	25	15	50	. 10	15	2.6	260
14		78 x								370
16		<u> </u>	675 M					1.		620
16		80				1			2.8	250
17	7.70							18	2⋅8	220/
18		2,			1		10	18	2.8	280/
19						[15	2.9	350
AMDEL ANALYTICAL SERVICE FORM 6 3753/78 Results in ppm unless otherwise stated AMDEL ANALYTICAL SERVICE Results in ppm unless otherwise stated BATCH NO. 23/24 TIT Sample No. Cu Pb 2- Co Ni %Fe Mn 1 A 1985/78 Pft 28 18 45 8 20 2.6 230. 2 6 32 18 42 8 20 2.4 210. 3 7 22 18 42 8 20 2.6 310. 4 8 100M 32 18 48 8 18 2.8 210. 5 9 32 18 45 8 20 2.6 220. 6 90 X 30 20 45 8 20 2.6 230. 7 1 30 20 50 10 20 2.7 260. 8 2 15 15 18 50 10 20 2.8 420. 10 4 25 18 50 10 20 2.3 3.0 400. 11 5 18 18 48 8 18 2.5 410. 12 6 100M 25 12 50 8 20 3.8 600. 13 1 Pyi 20 15 45 12 20 3.8 600. 14 8 2 22 15 48 12 22 2.7 450. 15 STD. 16 9 25 15 48 12 22 2.7 450. 17 2 10 25 15 50 12 22 3.0 3.0 400. 18 1 1 25 15 50 12 22 3.0 3.0 400. 19 3 2002/78 30 15 48 12 22 3.0 3.0 3.0	18				1				2.9	220
AMDEL ANALYTICAL SERVICE FORM 6		1 13 19 84178	1 50 M	48	1 1X	1 45 1	10 1	دند	1 - 1	
1 $A \mid 985 \mid 78$ Eft 28 18 45 8 20 2.6 230 2 b 32 18 42 8 20 2.4 210 3 7 22 22 48 8 20 2.6 310 4 8 $100M$ 32 18 48 8 18 2.8 210 5 9 32 18 48 8 18 2.8 2.0 6 90 X 30 20 45 8 20 2.6 2.0 7 1 30 20 45 8 20 2.6 2.7 2.60 8 $\frac{3}{2}$ $150M$ 28 18 50 10 20 3.0 400 9 3 30 18 48 12 20 2.8 420 10 4 4 4 4 4 4 4	19 20	78 x		AMDEL A	NALYTIC	AL SERVI	CE			
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	19 20 FORM	18x 10B 3753/7		AMDEL A	NALYTICA pm unless	AL SERVI	CE e stated	ВАТСН	NO. 2-	5/24
3 7	19 20 FORM	78 x JOB 3753/7 Sample No.	8 Res	AMDEL Aults in p	NALYTICA pm unless Plo	AL SERVI	CE e stated Co	BATCH N:	NO. 2 =	5/24 Mn
18	19 20 FORM TT 1	18 x 10B 3753/7 Sample No. 1985/18	8 Res	AMDEL Aults in p	NALYTICA pm unless Ph	AL SERVI	CE e stated Co	BATCH N:	NO. 23	3/24 Mn
5 9 32 18 45 8 20 2.6 220 6 90 x 30 20 45 8 20 2.6 230 7 1	19 20 FORM TT 1 2	18 x 18 x 16 3753/7 Sample No. 1985/78 6	8 Res	AMDEL Aults in p	NALYTICA pm unless Plo 18	AL SERVI otherwis 2-5 45 42	CE e stated Co 8	BATCH N:	NO. 2 = 3.6	/24 Mn 230/
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	19 20 FORM TT 1 2 3	18 x 16 JOB 3753/7 Sample No. A 1985/78 6	8 Res	AMDEL Aults in p Cu 28 32 22	Plo 18 18 22	AL SERVI otherwis 2-5 45 42 48	CE e stated Co 8	BATCH N; 20 20	NO. 2. 3. 4 2. 4 2. 6	Mn 230/ 210
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	19 20 FORM TT 1 2 3	18 x 10B 3753/7 Sample No. 1985/78 6	8 Res	AMDEL Aults in p Cu 28 32 22 32	Pho 18 22 18	AL SERVI otherwis 2-5 45 42 48 48	CE e stated Co 8 8 8	BATCH N; 20 20 20	NO. 2.3 %Fe 2.6 2.4 2.6 2.8	124 Mn 230/ 210 210
8 $\frac{1}{1}$ <	19 20 FORM TT 1 2 3 4 5	18 x 16 JOB 3753/7 Sample No. 1985/78 6 7 8 9	Res	AMDEL Aults in p Cu 28 32 22 32 32	Pho 18 18 22 18	AL SERVI otherwis 2	CE e stated Co 8 8 8 8	BATCH N: 20 20 20 18 20	NO. 2 = 3.6 2.4 2.6 2.8 2.6	124 Mn 230/ 210 210 220
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	19 20 FORM TT 1 2 3 4 5 6	18 x 16 JOB 3753/7 Sample No. 1985/78 6 7 8 9	Res	AMDEL Aults in p Cu 28 32 22 32 32 32	Plo 18 18 22 18 18	AL SERVI otherwis 2-5 45 42 48 48 45 45	CE e stated CO 8 8 8 8 8	BATCH N; 20 20 20 18 20	NO. 2. 3. 6 2. 4 2. 6 2. 8 2. 6 2. 6	124 Mn 230 210 210 220 230
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	19 20 FORM TT 1 2 3 4 5 6 7	18 x JOB 3753/7 Sample No. A 1985/78 6 7 8 9 90 x	Res	AMDEL Aults in p Ch 28 32 32 32 32 32 30 30	Phone Is	AL SERVI otherwis 2-5 45 42 48 48 45 45 50	CE e stated Co 8 8 8 8 8 10	BATCH N; 20 20 20 18 20 20 20 20	NO. 2.3 %Fe 2.6 2.4 2.6 2.8 2.6 2.6 2.7	124 Mn 230/ 210/ 210/ 220/ 230/ 260/
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	19 20 FORN TT 1 2 3 4 5 6 7 8	78 x JOB 3753/7 Sample No. A 1985/78 6 7 8 9 90 x 1	Res	AMDEL Aults in p Cu 28 32 22 32 32 32 30 30 28	Plo 18 18 22 18 18 20 20 18	AL SERVI otherwis 2-5 45 42 48 48 45 45 50 50	CE e stated CO 8 8 8 8 8 10	BATCH N; 20 20 18 20 20 20 20 20	NO. 2. 3. 6 2. 4 2. 6 2. 6 2. 6 2. 6 2. 7 3. 0	124 Mn 230 310 310 210 220 230 260
12 b 100 M 25 12 50 8 20 3.0 560 13 $\frac{7}{4}$ $\frac{1}{4}$	19 20 FORM TT 1 2 3 4 5 6 7 8 9	18 x JOB 3753/7 Sample No. A 1985/78 6 7 8 9 90 x 1 2	Res	AMDEL Aults in p Ch 28 32 32 32 32 32 30 30 28 30	Pho 18 18 22 18 18 20 20 18	AL SERVI otherwis 2-5 45 48 48 45 45 45 50 50	CE e stated CO 8 8 8 8 10 10 12	BATCH N; 20 20 20 18 20 20 20 20 20	NO. 2.3 %Fe 2.6 2.4 2.6 2.6 2.6 2.6 2.7 3.0 2.8	124 Mn 230/ 210 210 230 260 400 420
13	19 20 FORM TT 1 2 3 4 5 6 7 8 9 10	18 x JOB 3753/7 Sample No. A 1985/78 6 7 8 9 90 x 1 2 3 4	Res	AMDEL Aults in p Cu 28 32 32 32 32 30 30 28 30 25	Plo 18 18 22 18 18 20 18 18 18	AL SERVI otherwis 7-5 45 42 48 48 45 45 50 50 48	CE e stated CO 8 8 8 8 8 10 10 12 10	BATCH N; 20 20 18 20 20 20 20 20 20 20 20 20	NO. 2. 3. 4 2. 4 2. 6 2. 6 2. 6 2. 6 2. 6 2. 6 2. 6 2. 6	210 210 210 210 220 260 400 450
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	19 20 FORM TT 1 2 3 4 5 6 7 8 9 10 11	78 x JOB 3753/7 Sample No. A 1985/78 6 7 8 9 90 x 1 2 3 4 5	Pft 100 M	AMDEL Aults in p Cu 28 32 32 32 30 30 30 28 30 25	Plo 18 18 22 18 18 20 18 18 18 18 18 18 18 18 18 1	AL SERVI otherwis 7-5 45 42 48 48 45 45 50 50 48	CE e stated CO 8 8 8 8 10 10 12 10 8	BATCH N; 20 20 18 20 20 20 20 20 20 20 20 20 20	NO. 2. 3. 6 2. 4 2. 6 2. 6 2. 6 2. 6 2. 6 2. 6 2. 6 2. 8 3. 0 2. 5	10 310 310 310 310 310 400 400 400 400 410
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	19 20 FORM TT 1 2 3 4 5 6 7 8 9 10 11	18 x JOB 3753/7 Sample No. A 1985/78 6 7 8 9 90 x 1 2 3 4	Res Pft I00 M *	AMDEL Aults in p Cu 28 32 32 32 32 30 30 28 30 28 30 25	Plo 18 18 22 18 18 20 20 18 18 18 18 20 20 18 18 18 18 18 18 18 18 18 18	AL SERVI otherwis 2-5 45 42 48 48 45 45 50 50 48 50	CE e stated Co 8 8 8 8 10 10 12 10 8 8	BATCH N; 20 20 18 20 20 20 20 20 20 20 20 20 20 20 20 20	NO. 2.3 % Fe 2.6 2.4 2.6 2.6 2.6 2.6 2.6 2.7 3.0 2.8 3.0 2.5 3.0	10 310 310 310 310 310 320 320 420 420 440 440 440
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	19 20 FORM TT 1 2 3 4 5 6 7 8 9 10 11 12 13	78 x Sample No. A 1985178 6 7 8 9 90 x 1 2 4 5 6	Res Pft I00 M *	AMDEL Aults in p Cu 28 32 32 32 32 32 30 30 25 18 25 20	Plo 18 18 22 18 18 20 18 18 18 18 18 18 18 18 18 1	AL SERVI otherwis 7-5 45 42 48 48 45 50 50 48 50 48	CE e stated CO 8 8 8 8 10 10 12 10 8 8 12	BATCH N; 20 20 18 20 20 20 20 20 20 20 20 20 20 20 20	NO. 2. 3. 6 2. 4 2. 6 2. 6 2. 6 2. 6 2. 6 2. 6 2. 6 2. 6	10 210 210 210 220 240 400 440 440 440 560
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	19 20 FORM TT 1 2 3 4 5 6 7 8 9 10 11 12 13 14	78 x JOB 3753/7 Sample No. A 1985/78 6 7 8 9 90 x 1 2 3 4 5 6	Res Pft I00 M *	AMDEL Aults in p Cu 28 32 32 32 32 32 30 30 25 18 25 20	Plo 18 18 22 18 18 20 18 18 18 18 18 18 18 18 18 1	AL SERVI otherwis 7-5 45 42 48 48 45 50 50 48 50 48	CE e stated CO 8 8 8 8 10 10 12 10 8 8 12	BATCH N; 20 20 20 20 20 20 20 20 20 20 20 20 20	NO. 2. 3. 6 2. 4 2. 6 2. 6 2. 6 2. 6 2. 6 2. 6 2. 6 2. 6	10 310 310 310 310 310 310 310 310 310 400 400 400 400 400 400 400 400
18 1 25 15 50 12 22 3.0 360 19 17 2002, 178 30 15 48 12 20 3.1 320	19 20 FORM TT 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	18 x JOB 3753/7 Sample No. A 1985/78 6 7 8 9 90 x 1 2 5 6 7 8 9 90 x 1 8 7 8 9 90 x	Res Pft I00 M *	AMDEL Aults in p Cu 28 32 32 32 32 32 30 30 25 18 25 20 22	Pho 18 18 18 22 18 18 18 20 20 18 18 18 18 18 18 18 18 18 1	AL SERVI otherwis 7	CE e stated CO 8 8 8 8 8 10 10 12 10 8 8 12 12	BATCH N; 20 20 20 20 20 20 20 20 20 20 20 20 20	NO. 2.3 % Fe 2.6 2.4 2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6	124 Mn 230 210 210 230 260 400 400 410 560 600
19 17 2002 178 30 15 48 12 20 3.1 320	19 20 FORM TT 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	78 x JOB 3753/7 Sample No. A 1985/78 6 7 8 9 90 x 1 2 3 4 5 6 7 8 9 90 x 1 8 9 90 x	Residence of the second	AMDEL Aults in p Cu 28 32 32 32 32 30 30 28 30 25 18 25 20 22	NALYTICA pm unless Plo 18 18 22 18 18 20 20 18 18 18 18 18 18 18 18 18 18	AL SERVI otherwis 7-5 45 42 48 48 45 45 50 50 48 50 48 50 48	CE e stated CO 8 8 8 8 8 10 10 12 10 8 8 12 12 12	BATCH N; 20 20 18 20 20 20 20 20 20 20 20 20 20 20 20 20	NO. 2. 3. 6 2. 4 2. 6 2. 6 2. 6 2. 6 2. 6 2. 6 2. 6 2. 6	124 Mn 230 210 210 230 240 400 440 440 440 440 440 440
	19 20 FORM TT 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	78 x JOB 3753/7 Sample No. A 1985/78 6 7 8 9 90 x 1 2 3 4 5 6 7 8 9 90 x 1 8 9 90 x	Residence of the second	AMDEL Aults in p Cu 28 32 32 32 30 30 30 28 30 25 18 25 20 22	NALYTICA pm unless Plo 18 18 22 18 18 20 20 18 18 18 18 18 18 18 18 18 18 18 18 18	AL SERVI otherwis 2.5 45 42 48 48 45 45 50 50 48 50 48 50 48 48 48 48 48 48	CE e stated CO 8 8 8 8 10 10 12 10 8 8 12 12 12 10	BATCH N; 20 20 18 20 20 20 20 20 20 20 20 20 20 20 20 20	NO. 2. 3. 4 2. 4 2. 6 2. 6 2. 6 2. 6 2. 6 2. 6 2. 6 2. 6	124 Mn 230 210 210 230 240 440 440 440 440 440 440 440 440
	19 20 FORM TT 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	18 x JOB 3753/7 Sample No. A 1985/78 6 7 8 9 90 x 1 2 3 4 5 6 7 8 9 4 5 6 7 8 9 90 x 1 2 4 5 6 7 8 9 10 10 10 10 10 10 10 10 10	Residence of the second	AMDEL Aults in p Cu 28 32 32 32 32 32 32 30 30 28 30 25 18 25 20 22 25 20 25	NALYTICA pm unless Pho 18 18 22 18 18 20 20 18 18 18 18 18 12 15 12 15 15	AL SERVI otherwis 2	CE e stated Co 8 8 8 8 10 10 12 10 8 8 12 12 12 12 12 10 12	BATCH N; 20 20 20 20 20 20 20 20 20 20 20 20 20	NO. 2. 3. 4 2. 4 2. 6 2. 8 2. 6 2. 6 2. 6 2. 6 2. 7 3. 0 2. 8 3. 0 2. 5 3. 0 2. 8 3. 0 2. 5 3. 0 2. 5 3. 0 2. 5 3. 0 2. 5 3. 0	10 210 210 210 210 230 260 400 400 460 600 450 470 360

AMDEL ANALYTICAL SERVICE JOB 3753/78 Results in ppm unless otherwise stated Soil Samples

FORM 6

20

23 x

BATCH NO. 24

· *FORM			5 oil	Samples		Y		<u> </u>	, .
ΤT	Sample No.	Line No.Metreage Rock Unit	Cu	Рb	27	Co	Ní	%FC	Mu.
1	A 2003 178		25	12.	42	5	18	a·5	240 '
2	4'	300 M	22,	8	42	5	18	2.5	200 /
3	5	CT 15-00M	32	18	45	12	28	2.9	700/
4	STD.								
5	6	Eft.	33'	18	45	12,	20	a·7	280 7
6	7		22,	20_	45	10	18	3.6	330 /
7	. 8	*	28	15	42	10	15	2:5	290
. 8	9	100M	2.8		48	88		3.℃	400/
9	10		_28	12/	55	10	18	3.1	<u> 680 '</u>
10	11	·	78	18	45		18	3.1	<u> 580'</u>
11	12	·	32	10_	50_	10	18	3.3	<u>600/</u>
12	13 ×	200M	28	18	45	10	15	3.℃	<u> 450</u>
13	19	-	25	15	38	10	12:	2.2	360
. 14	15	<u> </u>	20	18	55	88	15	3.6	260
	16		25	18	38	. 10	15	2.5	560
16	17	300 M		22,	40	10	12	3.6	420
17	19		28	25	50	10	12	3.0	500
18		D ·	22	28	42	8	15	2.7	430
19 20	A 2020 78	<u> Pyi</u>	28	25	35	8	12	2.4	540
FOI	IN 6 JOB 3753/	78 Res	ults in		s otherw	ise stated	BATC	H NO. 25	726 Mn
			Cu	Ph	2n	Co			420
1		400 M	1 55	15	35	10	18	2.8	
2			55	8	28		18	2.5	400
3			30		40		18	2.8	410
·)4	, <u>4</u>		35	10	40		18	3.8	380
5	<u> </u>	500 M	1	15	4.5	10	20 15	3.1	400 t
6_	7		32	12,	38	10	12	2.4	450
7	8		32 32	12,	3.5 28	10	10	2.1	400
8 9	9	600 M		15 15	55	10	15	3:0	440
10	30	1 00011	75	18	3.5	10	12	a·7	370
1.1	i	•	48	15	38	8	18	2.8	270:
12	2,		40	18	38_	8	15	2.9	240
13	3	7001	1	18	38	8	15	2.9	290
14	ų.	7001	80	12	35	10	15_	2.6	310
15	5		55	15	38	10	18	3.6	320
16	\$10.								,
17	5 6		28	12	38	10	15	<u> </u>	360
18_	7	8001		12	30	10	12	a·4	290
19	\$ 2038 Ja		38	15	32	8	15	2.4	330
	92.		1				I	- [1.

. * FORM	6 3753/78	S Resu	lts in pr	om unless Samples	otherwis	e stated	ВАТСН	NO. 26)
TT	Sample No.	Line No. Metreage Rock Unit	Cu	pb	2n	co	Ni	1/6FC	Mn
1	A 2039178		58	10	30	10	15	2.3	1001
2	40		38	15	30	12	15	2.5	340/
3	41	900 M	28	15	3.5	12,	18	2.5	3601
4	sig.		and the second s	<u></u>					
5	1-8		32	12,	42	12	18	2.7	4401
6	9		25	88	30	12,	12_	3.1	420
7	70	Pyi	25	12	30	10	10	2.1	370
8		1000 M	38	8	30	8	10_	2.1	420
9	2		32	12	45_	12.	15	2.4	540
10	3		48	15	32	10	12.	2.4	560
11	Ч		55	12	40	10	12.	à·7_	440
12	5	/100 M	38	8	30	8	10	2.2,	420
13	. 6		28	8	30	8	10_	2.3	580
14	77 x	1/50 M	32,	12.	32	8	10	2.3	390
5	8	CT16-00 M	30	8	25	88	15	3.1	330
16	9		28	15	30	8	25	3.1	400
17	03	<u>Pf+</u>	3 <i>5</i>	. 15	48	18	30	3.7	880
18	Eco.		32	15	45	18	32_	3.5	700
19	A 2082/78	1 100 M	30	18	35	12	28	3.5	680
20	77×	^				<u></u>		<u></u>	

AMDEL	$\Lambda N \Lambda I$	VT	CAL	SEDV	ICE
AMDEL	ANAL	. 1 1 1	LUAL	SERV	ILE

FORM	16 JOB 3753/7.	8 Resu	ilts in p	om unless			ВАТСН	NO27	128
TT	Sample No.		Ch	Pb	2n	Co	Ni	%Fe	Mn
1	A 2083/78		40	12	40	15	28	4.1	1000
2 .	4		25_	12	38	15	18	3∙3	7601
. 3	85x		30	10	3.8	15	20	2.6	700'
4	6	200 M	ನೆರ	10	48	88	18	3.8	4001
5	7		28	15	42	10	22_	3.5	500
6	8	Pyi	3.2	15	38	12	25_	3.8	600
7	9	V .	28	8	30	10	20	3.0	440'
8	90	300 M	25	15	32/	10	20	3.2	520'
9	1		<u> 25 </u>	18	38	10	22	3.0	480'
10	J.		28	15	35	10	18	2.6	3301
11	3		28	15	38	18	30	2.8	1050
12	4	400M	35	20	50	15	22	3.9	8201
13	STD.								
14	5		28	18	42/		20	3.0	430
15	6	500M	35	18	40	15	25	3.7	5601
16	7		32	12.	42	15	25	3.6	600
17	8		28	15	5.5	12	30	3.5	580
18	. 9		28	25	70	10	20_	3.0	560
19	A 2100178	<u> </u>	38	45	. 100	15		3.1	6801
20	25,								

, a	LOD			NALYTICA			DATCH	NO -	,
* FORM	16 JOB 3753/7		ilts in p _l	om unless Samples	otherwis	se sta te d	BAICH	NO. 98	}
TT	Sample No.	Eine No.Metrea Rock Unit	e Cu	Pb	2 %	00	N:	1/25 C	MP
1	172101178	625 M	38	50	130	10	15	3.0	600
2	2	CT 17-00 M	42	15	42	၁၃	35	3.5	1250
3	3		32	15	38	18	28	2.9	1100
4	4	Pf+	35	12	35	12	28_	3.3	540
-5	5		38	15	35	15	25	3.4	470
6	6 x	¥ 100 M	32	15_	38	12_	25	3.3	4 5O F
. 7	7	γ	48	88	25	88	18	2.3	190
8	8		25	. 12.	28	15	25_	3.1	840
9	9		30	10_	25_		18	2.2	640
10	10	200 M	್ವಿಂ	12,	38_	10	15	a·3	740 !
11	11		22	15	25	10	20_	2:4	490
12	12	<u>Pyi</u>	20	15	38	15		2.3	400
13	13	<u> </u>	35	15	25_	18	20:	2.5	520
14	14	300 M	32	15	40	12	30	3.1	500
	. !5	1	48	15	32	15	25	3.1	540
16	STD.		20),		7.7	200
17	17	<u> </u>	28	10	35	12	20	3·7 3·0	390
18		400 M	32	30_	35	15	18		240
19	A 2118 178	400 M	48	18	35	18	22	3.0	1150
00		1 1			.1	1			
20	6 X			1	 050VI	<u> </u>	l:	<u> </u>	
20	IOR		AMDEL AN				ВАТСН	NO . 29	<u></u>
20 FORM	JOB and Inc		AMDEL AN				ВАТСН		
FORM	6 JOB 3753 78							%Fe	Mn
FORM TT	JOB 37 53 7 & Sample No.		lts in pp	m unless	otherwise	e stated			1100
FORM	6 JOB 3753 78	Resu	Its in ppi	n unless	2n	c stated	N;	%Fe	
FORM TT 1	6 JOB 3753 78 Sample No. A 2119 78 20	Resu	Cu 48	n unless	2n 35	C D	N; 20 15	%Fe 2.9 2.0	1100°
FORM TT 1 2	OB 3753 78 Sample No. A 2119 78		Cu 48	1 ² 1 ₂	2n 35	C D	N; 20 15	%Fe 2.9 2.0 2.6	1100 ° 400 °
FORM TT 1 2	Sample No. A 2119 178 20 STD. 21	Resu	Cu 48 28	1 ² 1 ₂	2 n 35 35	Stated CO 15 15 15 25	N; 20 15 18 20	%Fe 2.9 2.0 2.6 2.6	900 600
FORM TT 1 2 3	Sample No. A 2119178 20 STD. 21 2	Resu.	Cu	1 ² 1 ₃ 18 22 .	2 n 35 35 48	Stated	N; 20 15 18 20	% FC 2.9 2.0 2.6 2.6 2.5	900 600 380
FORM TT 1 2 3 5	Sample No. A 21 19 178 20 STD. 21 2	Pyi 500 M	1ts in pp Cu 48 28 32 35	1213 18 22 15	2 n 35 35 48 40 32 40	Stated	N; 20 15 18 20 18 28	% Fe 2.9 2.0 2.6 2.6 2.5 3.4	900 600 380
FORM TT 1 2 3 5 6	Sample No. A 2119178 20 STD. 21 2 3 4	Pyi 500 M	1ts in ppi Ch 48 28 32 35 38 45 55	12 unless 12 18 22 15 15 15 12	2 n 35 35 48 40 32 40 40	25 15 15 15 15 18	15 18 20 18 20 18 28 30	% FC 2.9 2.0 2.6 2.5 3.4 4.2	900 600 380 840
FORM TT 1 2 3 5 6 7	Sample No. A 2119178 20 STD. 21 2 3 4	Pyi 500 M	1ts in ppi Cu 48 28 32 35 38 45 55	12, 10, 15	2 n 35 35 48 40 32 40 40	Stated	N; 20 15 18 20 18 28 30 25	2.6 2.6 2.6 2.5 3.4 4.2 4.0	900 600 380 840 960
FORM TT 1 2 3 5 6 7 8	Sample No. A 2119178 20 STD. 21 2 3 4 5 6 7	Pyi 500 M	1ts in ppi Cu 48 28 32 35 38 45 55 50 42	12 15 15 15 15 15 12 10	2 n 35 35 48 40 32 40 40 40 38	Stated	N; 20 15 18 20 18 28 30 25 25	% Fe 2.9 2.0 2.6 2.6 2.5 3.4 4.2 4.0 4.2	900 600 380 840 960 1100
FORM TT 1 2 3 5 6 7 8 9	Sample No. A 2119178 20 STD. 21 2 3 4 5 6 7 28 x	Pyi 500 M	1ts in ppi Cu 48 28 32 35 38 45 55 50 42 65	12 15 15 15 15 15 15 12 10	2 n 35 35 48 40 32 40 40 40 38 48	Stated CD 15 15 15 25 18 18 20 18	N; 20 15 18 20 18 28 30 25 25	% FC 2.9 2.0 2.6 2.6 2.5 3.4 4.2 4.0 4.2 3.1	1100 400 900 600 380 840 960 1100 1350
FORM TT 1 2 3 5 6 7 8 9 10	Sample No. A 2119178 20 STD. 21 2 3 4 5 6 7 28 x	Pyi 500 M	1ts in ppi Cu 48 28 32 35 38 45 55 50 42 65 85	12 15 15 15 15 15 15 15 15 15	2 N 35 35 48 40 40 40 40 38 48 48	Stated Co 15 15 15 25 18 18 20 18 15 12	N; 20 15 18 20 18 28 30 25 25 18	7. FC 2.9 2.0 2.6 2.6 2.5 3.4 4.2 4.0 4.2 3.1 3.3	1100 400 900 600 380 840 960 1100 1350 1000
FORM TT 1 2 3 5 6 7 8 9 10 11	Sample No. A 2119178 20 STD. 21 2 3 4 5 6 7 28 x 9 30	Pyi 500 M	1ts in ppi Cu 48 28 32 35 38 45 55 50 42 65 85 20	12 15 15 15 15 15 15 15 15 15	2 n 35 35 48 40 32 40 40 40 38 48 42 35	Stated C D	N; 20 15 18 20 18 28 30 25 25 25	% Fe 2.9 2.0 2.6 2.6 2.5 3.4 4.2 4.0 4.2 3.1 3.3 2.2	1100 400 900 600 380 840 960 1100 1350 1400 370
FORM TT 1 2 3 5 6 7 8 9 10 11 12 13 14	Sample No. A 2119178 20 STD. 21 2 3 4 5 6 7 28 x 9 30 A 2131178	Pyi 500 M	1ts in ppi Cu 48 28 32 35 38 45 55 50 42 65 85	12 15 15 15 15 15 15 15 15 15	2 N 35 35 48 40 40 40 40 38 48 48	Stated Co 15 15 15 25 18 18 20 18 15 12	N; 20 15 18 20 18 28 30 25 25 18	7. FC 2.9 2.0 2.6 2.6 2.5 3.4 4.2 4.0 4.2 3.1 3.3	1100 400 900 600 380 840 960 1100 1350 1000
FORM TT 1 2 3 5 6 7 8 9 10 11 12 13 14 15	Sample No. A 2119178 20 STD. 21 2 3 4 5 6 7 28 x 9 30 A 2131178 28 x	Pyi 500 M	1ts in ppi Cu 48 28 32 35 38 45 55 50 42 65 85 20	12 15 15 15 15 15 15 15 15 15 15 15	2 n 35 35 48 40 32 40 40 40 38 48 42 35 35	Stated C D	N; 20 15 18 20 18 28 30 25 25 25	% Fe 2.9 2.0 2.6 2.6 2.5 3.4 4.2 4.0 4.2 3.1 3.3 2.2	1100 400 900 600 380 840 960 1100 1350 1400 370
FORM TT 1 2 3 5 6 7 8 9 10 11 12 13 14 15 16	Sample No. A 2119 178 20 STD. Al 3 4 5 6 7 28 x 9 30 A 2131 178 28 x Blk.	Pyi 500 M	1ts in ppi Cu 48 28 32 35 38 45 50 42 65 85 20 18	12 15 15 15 15 15 15 15 15 15 15	2 n 35 35 48 40 32 40 40 40 38 48 42 35 35	Stated C O	N; 20 15 18 20 18 28 30 25 25 25 18 15	% Fe 2.9 2.0 2.6 2.6 2.5 3.4 4.2 4.0 4.2 3.1 3.3 2.2 2.3	1100 400 900 600 380 840 960 1100 1350 1400 370 310
FORM TT 1 2 3 5 6 7 8 9 10 11 12 13 14 15 16 17	Sample No. A 2119178 20 STD. 21 2 3 4 5 6 7 28 x 9 30 A 2131178 28 x	Pyi 500 M	1ts in ppi Cu 48 28 32 35 38 45 55 50 42 65 85 20	12 15 15 15 15 15 15 15 15 15 15 15	2 n 35 35 48 40 32 40 40 40 38 48 42 35 35	Stated C D	N; 20 15 18 20 18 28 30 25 25 25	% Fe 2.9 2.0 2.6 2.6 2.5 3.4 4.2 4.0 4.2 3.1 3.3 2.2	1100 400 900 600 380 840 960 1100 1350 1400 370
FORM TT 1 2 3 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Sample No. A 2119 178 20 STD. Al 3 4 5 6 7 28 x 9 30 A 2131 178 28 x Blk.	Pyi 500 M	1ts in ppi Cu 48 28 32 35 38 45 50 42 65 85 20 18	12 15 15 15 15 15 15 15 15 15 15	2 n 35 35 48 40 32 40 40 40 38 48 42 35 35	Stated C O	N; 20 15 18 20 18 28 30 25 25 25 18 15	% Fe 2.9 2.0 2.6 2.6 2.5 3.4 4.2 4.0 4.2 3.1 3.3 2.2 2.3	1100 400 900 600 380 840 960 1100 1350 1400 370 310
FORM TT 1 2 3 5 6 7 8 9 10 11 12 13 14 15 16 17	Sample No. A 2119 178 20 STD. Al 3 4 5 6 7 28 x 9 30 A 2131 178 28 x Blk.	Pyi 500 M	1ts in ppi Cu 48 28 32 35 38 45 50 42 65 85 20 18	12 15 15 15 15 15 15 15 15 15 15	2 n 35 35 48 40 32 40 40 40 38 48 42 35 35	Stated C O	N; 20 15 18 20 18 28 30 25 25 25 18 15	% Fe 2.9 2.0 2.6 2.6 2.5 3.4 4.2 4.0 4.2 3.1 3.3 2.2 2.3	1100 400 900 600 380 840 960 1100 1350 1400 370 310

4665/78 JOB919 79

AMDEL ANALYTICAL SERVICE

Results in ppm unless otherwise stated

BATCH NO. 1

FORM		1.00	Soil	Samples					
TT	Line No. Met Sample No. Rock Unit	(,,,	РЬ	Z_n	Со	Ni	Mn	Fe %	
1	A 3016 78 CT 18-00	M 30	15	80	10	25	445	3.5	
2	3017	25	ış	70	10	2.5	325	3-3	
3	3018	25	15	70	10	25	440	3.2	
4	3019	20	15	75	10	20	330	3.0	
5	3020 100M	25	20	90	15	25	410	3.5	<u> </u>
6	A3021/78	25	20	80	10	20	415	3.4	
7	STD								
8	A3022 78	25	IS	100	15	2.0	390	3-7	
9	3023	25	20_	80	15	25	495	4-1	
10	3024 Pft 2001	20	15	75	10	20	495	3.0	
11	3025×	3ა	_ ه	70	15	30	305	3.8	
12	3026	30	15	70	15	25	500	3.4	
13	3027	25	15	75	15	20	580	3·Z	-
14	3028 300M	30	10	85	15	20	520	3.7	
15	3029	25	15	80	າຣ	20	530	3.21	
16	3030	25	25	90	15	25	475	3.0	
17	3031	25	25	75	15_	25	510	3.3	
18	3032 V 4001	25	25	75	10	20	440	3.1	
19	3033	30	30	145	15	20	525	3.3	
00									

FORM	4665/78 JOBP19 79	Resu	AMDEL AN lts in ppn	n unless o	therwise	stated	BATCH	NO.2	
		Cu	Pb	Zn	Co	Ni	Mn	Fel	
TT		30	40	320	10	10	640	3.0	
1_	A 3034 78			110	10	10	565	2.9	· · · · · · · · · · · · · · · · · · ·
2	3035 *	<u>25</u>	<u> </u>	85	10	15	575	2.5	
3	3036 500M	20	30	70	10	10	360	3-0	
4	3037	20	15		5	5	330	3-1	
5	3038	25	15	60 45		10	360	2.4	
6	3039 Byi	<u>35</u>	40		10 5	10	335	1.9	
7	3040 600M	12	iO	30 35	5 5	10	455	2.0	
8	3041	25	20	35	5	10	335	2-2	
9	304%	20	10	35 76	10	15	430	2.9	
10	3043	25	25	35	5	<u> </u>	260	3-1	
11	A 3044/78 7001	25	10	33.	5				
12	STD	·					380	3.0	
13	A 3045 78	50	10	35	5	15	390	2.8	
14	3046	<u>20</u>	10	50	5	15	310	3-0	
15	3047	18	15	35	5	5	290	2.9	
16	3048 800M	18	10	40	5	5	365	3-3	
17	3049	25		50	10		435	2.9	
18	3050	18	10	. 40	5	5	645		
19	3051	25	ìs	50	10	15	643	3-1	
20	A 3035/78								
						<u>'</u>			1.,

Results in ppm unless otherwise stated

BATCH NO.3

FORM		Rest	voil	Samples	Otherwise	e Stateu			· · · · · · · · · · · · · · · · · · ·
TT	Line No. Metre Sample No. Rock Unit	age a	РЬ	Zn	Co	Ni	Mn	Fe%	
1	A 3052 78 900M		5	45	10	20	595	3.(
2	3053	15		40	5	10	535	2.6	
3	3054 Pyi	12,	10	40	55	15	515	2-4	
4	3055	15	5	40	5	10	385	2-6	
5	3056 10001	18	5	45	5	اخ ا	400	2-7	
6	3057 CT19-00	,	20	85	10	25	360	3-0	
7	3058	25	25	120	15	25	390	3.5	
8	3059	25	20	90	10	30	415	3-4	
9	3060*	20	20	65	10	30	400	3.1	_
10	3061 100M	<u>3</u> 0	20	55	10	20	310	2-8	
11	3062 Pft	18	10	50	10	1\$	430	3.4	
12	A 3063 78	25	10	60	10	15	460	2.9	
13	,	· · · · · · · · · · · · · · · ·							
14	STO ?*	18	10	45	10	10	290	2.9	
	3065 2001		10	55	10	20	295	3.1	
16	3066	20	10	60	10	15	355	3-6	1
17	3067 Eyi	18	15	55	5	15	310	3-0	
18	3068	20	10	60	10	15	320	3-1	
19	3069 3001		15	55	10	20_	315	3-6:	
20	A 3060 78								
	H 3060118	 	, , , , , , , , , , , , , , , , , , , ,						

4665/18

FORM	JOBP19 78	Resu	lts in pp	m unless	otherwise	stated	ВАТСН	NO.4	
ТТ	Sample No.	Cu	Pb	Zn	Co	Ni	Mn	Fe%	
1	A 3070 (78	18	10	50	5	5	, ^235	2.7	
2	3071	25	.10	હ	5	5	1500	3-3	
3	y 3072/78	20	≀0	60	5	5	295	2.9	
* 4	STD								
5	4 3073 72 400	1 18	15	45	.5	5	240	2-7	
6		15	15	50	5	10	260	2-6	
7	3074 3075 L yi	18	5	70	5	5	225	2-5	
8		<i>2</i> 0	15	90	10	10	365	2-8	
9	3076 3077 500M		10	70	10	10	360	2-8	
10	3077 500M 3078	20	5	55	5	. 15	330	2-7	
		20	10	5\$	5	10	310	3-0	
11	3079	18	15	45	5	10	190	3-0	
12	3080			55	5	10	360	2-8	
13	3081 600M		15 25	55	15	20	455	3-2	
14	3092 CT20-	30	30	55	15	30	500	3.2	
15	* 3083	25	25	55	10	20	455	3-1	
<u>16</u>	3084 3085 Pft	25	30	45	10	25	485	3.3	
17		T	25	50	10_	20	670	3-1	
18		25	10	50	10	10	595	3.1	1.
19	3087 *	40_							
20	A3086 78x		· · · · · · · · · · · · · · · · · · ·						

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J0B19	79

Results in ppm unless otherwise stated

FORM	and the second s		Soil	Samples					
TT.	Line No. Metr Sample No. Rock Unit		Pb	Zn	Co	Ni	M_n	Fe%	
1	A 3088 78	15	10	40	5	10	250	2.6	
2	3089	6	5	40	5	15	350	2-9	
3	3090 200M	<u> </u>	10	50		15	375	3-6	
4	3091	20	10	50	10	10	640	3.4	
5	3092 *	<i>3</i> c	10	45	10	15	795	3.5 ′	
6	A3093 78	20	10	45		10	250	3.1	
7	STD			·.					
8	R3094/78300M	18	10	55	5	15	260	2-8	
9	3095	18	15	45	5	15	255	2-8	
10	3'096 Pyi	18	5	40	5	10	185	3.0	
11	3097	18	10	40	<u> </u>	15	270	3.0	-
12	3098 400M	25	16	50	5	.15_	320	3.3	
13	30.99	20	10	⁵ 5S	5	15	320	2.9	
14	3100	12	10	50	5	15_	315	2-8	
15	3101	10	5	40	5	15	355	2-9	
16	3102 500M	12	5	45	10	15	435	3-1	ļ
17	3103	20	10	45	5	20	320	3-0	
18	3104	40	10	70	. 15	20	650	4-0	· · · · · ·
19	3105	50	10	50	10	20	580	3.5	
20	# 3092 78×								
-		I	I .	I	4		1		

4665/78

AMDEL ANALYTICAL SERVICE

BATCH NO.5

	FORM	JOBP19 1-19	Resu	lts in pp	m unless	otherwis	e stated	ВАТСН	NO.6	
	тт	Sample No.	Cu	Pb	Zn	Co	Ni	Mn	Fe%	
•	1	A 3106 78 ×600		15	45	5	15	445	3.4	
•	2	3107 Pyi	30	15	50	5	15	715	4-1	
	3	3108	20	10	45	5	15	270	3-2	
	4	7109	<u> 20 </u>	10	45	5	15	205	3-3	
	5	3110 700M	25	10	55	5	20	260	3-4	
	6	3111 CT21-00	1_25	5	40	10	25	330	3.4	
	7	3112	25	10	40	10	25	365	3-2	
	8	3113	25	10	40		20	345	3-2	
	9	3114	25	10	40		25	340	3-3	
	10	43115 78 100M	25	10	40	5	25	380	3-1	
	11	STD								
	12	A 3116 78	25	10	40	10	25	310	3-7	· · · · · · · · · · · · · · · · · · ·
•	13	3117 PA+	30	10	45	10	15	340	3-2	
•	14	31/8	35	20	55	20	25	380	3.5	
•	15	- 3119 200M	25	15	50	15	30	335	3-1	
	16	3120	60	15	-5 S		20	435	3.1	
	17	3121	75	15	45	20_	20_	300	2-8	
	18	3122	125_	20	50	20	25	245	3.3	
	19	3123 300M	<u>5</u> 5	ìS	45	10	15	240	2-8	
	20	A 3106 78×			·					
						•	1 '			

4665/78 JOBP 19179

AMDEL ANALYTICAL SERVICE

BATCH NO. 7

Results in ppm unless otherwise stated Soil Samples FORM 6 Line No. Metteage Fe %. Ni Pb Zn Mn Co TT Sample No. Rock Uni 2-71 A 3124/78 Pft 3-21 2.91 3.3 1 400r 3.01 × 2-9 <u> 300</u> 2-6 500 M 2-91 3.01 2-8 2-8 600 M 3136 CT22-00M 3.3 3.41 3138 Pft 3.51 3-51 A 3140/781011 STD 3-11 A 3141/78 A 3129/78x AMDEL ANALYTICAL SERVICE

4665/18

FORM	JOB19 79	Resu	lts in pp	•			ВАТСН	NO.8	
TT	Sample No.	Си	Pb	Zn.	Co	Ni	Mn	Fe %	Cu%
1	A 3142 78	160	20	80	15	20	565	3.1/	
2	3143 Eft	1200	25	90	35	<u>45</u>	540	3.9	
- 3	3144 V 200M	710.000	110	100	135	65	880	3-8	1.2
4	A 3145 78	80	10	45_	10	15	185	2-71	
5	St D			· 					i ali.
6	n 3146 78	120	15	50	15	15	275	2.5	
7	3147 x Pyi	105	10_	60	20_	25_	355	2-7	
8	3148 300M		5	50	15	25	330	2-6	
9	3149	55	10	45	10		345	2-6	
10	3150	60	15	50		15_	380	2.7	
11	3151	70	10	55	20	25	385	2.9	
12	3152 400M	185	10	45	10	20	380	2.4	
13		0M 30	20	85	15	35	485	4-1	
14	3154	25	15	70	15	30	470	3.7'	
15	· 3155 Pft	25	65	100	10	20	420	3.4	
16	3156 ¥	25	30	70	10	20	440	3-2	
17	3157 100		20	65	10	20_	420	3-4	
18	3158 Ryi	25	15	65	10	15	545	3.3	-
19	1	18	15	58	5	15	365	3.01	
	3159	'*	<u></u>						
20	R 3147 78×	<u> </u>							

BATCH NO.9 Results in ppm unless otherwise stated

FORM		nest	Soil	Samples	Otherwise	Stated			
TT	Line No. Metr Sample No. Rock Uni	ege Cu	Pb	Zn	Co	Ni	Mn	Fe%.	
1	A 3160 78	25	10	65	10	20	495	3.41	
2	3161 200M	25	10	70	10	15	445	3.21	
3	3162	20	0	65	10	20	445	2.9 1	
4	3163	25		110	10	20	475	3-2	
5	3164	20	15	70	10	15	490	3-1	
6	3165 300M	is	15	₩.	5	15	310	2-81	
7	3166	20	15	60	10_	15	300	3-1	
8	3167 Pyi	20	ıs	60	10	15	465	2-8	
9	A 3168 78×	18	15	75	10	15	325	2-8	
10	STD								
11	A 3169 78 4001	20	15	50	10	20	500	3.2/	
12	3170	25	5	80	15	2,5	725	3-2 /	
13	3171	25	15	\s	10	20	525	2-8/	
14	3172 v 475M		10	55	0	15	415	2-8	
	3173 PD25M		20	80	15	30	535	3-9	
16	3174 -50M		25	90	20	35	815	4-2	
17	3175 CT24-00		10	75	10	30	520	3-51	
18	7176	30	15	130	15	40	525	3-81	
19	2177 Eft	30	10	80	15_	40	510	3.9/	
20	17 3168 178×								
 	17 2133 133								

466\$178

FORM	JOP19 79	Resu	ılts in pp	m unless	otherwise	e stated	ВАТСН	NO.10	
TT	Sample No.	Cu	Pb	Zn	Co	Ni	Mn	Fe%	
1	A 3178 78	30	15	. 80	i 5	30	465	3.91	
2	STD								
3_	4 3179 78 100M	30	. 10	70.	15	30	465	3.97	
4	3180 Pft	40	20	75	15	40	550	4.5	
5	3181	45	20	95	20	40	615	5-11	
6	3182	35	25	95	15	35	545	4-1/	
7	3183 ¥ 200M		2.5	105	15	35	615	3.91	
8	3184	35	10	45	10	15	370	3-61	
9	3185	30	5	35	10	15	420	3-41	
10	3186	30	10	35	10	- 5	495	3.31	
11	3187 300 M	40	5	40	5	15	445	3-2 (
12	3188	40	15	50	5	20	500	3.4	
13	3189 Pyi	30	5	35	5	15	390	3.21	
14	3190	40	10	35	55	10	400	3-6'	
15	3191 400M	40	10	35	10	15	380	3-91	
16	3192	25	10	40	5	10	410	3.91	
17	3193	18	10	45	5	15	305	3-5'	
18	3194	15		30	5	10	285	3-8	
19	3195x 500M		10,	35	10	10	275	4.2	
									
20	H 3195 784								

FORM	4665/78 JOB19 79	Resu	AMDEL AN				ВАТСН	NO.11	
TT	Sample No.	Cu	Pb	Zn	C。	Ni	Μп	Fe%	
1	P 3196 78	18	10	35	ιo	5	245	4.1	
2	3197 Pyi	20		40	10	10	315	3.9	
3	3198*	20	10	50	10		280	3-6	
4	# 3199/78 600M	30	10	<u> </u>	10		255	4.3	
5	STD								
6	19 3198 784		 						
7						- 			
8									
9									
10									
11			•	·					
12			<u> </u>	· · · · · · · · · · · · · · · · · · ·					
13				<u> </u>					
- 14									
15	•								
16									
				1					
18			 						
19				Cı	Cı	Cı	Ci	Fı	
20	METHOD	C	Ci_	<u> </u>	<u>Sı</u>				

THE AUSTRALIAN MINERAL DEVELOPMENT | ABORATORIES DATA LAYOUT FOR METALSCAN

METALLIC RESGURCES FORM DP. 29

AMDEL PROJECT NO SADM PROJECT NO SHEET / OF AMDEL REPORT NO 3864/78 SADM PROJECT NAME Stust Tillite 4 Basal Tapley Hill Formation - Geochem. Sampling DATE Rock Chip Samples Detection Limit 200 10 100 A-G NUMBER Cr Bi CT2-500 M A.I.6, 01, 1.78 Cu Sb Αu 50 170 30 $\neg ^{\prime }\mathbf{x}$ Spa 500 50 200 150 0:1 450 300 7,0 15.00 150 0 425 400 60 x1000 60 0:1 400 5 600 10 50 500 50 0:2 50 375 X 700 X1000 50 70 0:2 500 X 2000 100 Pyi 100 70 70 11000 80 60 7d 70 9, X 2 0 0 0 50 100 180 0:3 275 1,10 800 X 300 1/00 70 80 250 \$1000 FOR 80 80 80 0,2 225 300 X1000 ,70 70 70 200 80 .3. 200 X3000 00 300 100 0:1 175 X 300 30 30 20 02 150 ¥2000 5,00 x 80 0:2 125 Y 1000 500 30 50 02 100 7 1/2/000 800 60 100 1100 0:4 X2000 40 50 50 0:1 300 X5000 00 50 00 0:31 .20. 200 x 5000 20 1210 180 CT2-00M 40 0 1 16.21 + x 500 1700 60 . 70 0:1 1699 600 x7000 100 X 300 1/00 00 0.2 12:5 70 x 2000 150 01 25 × 7000 000 60 80 170 60 50 ×3000 . * 70 FO 50 1 X 87.5 X 70.00 500 00 一次 80 70 02 100 1 2000 000 100 80 04 112.5 500 142000 150 150 100 200 X10,00 00 100 80 0:3 137-5 200 X 500 k 10 162.5 400 X1000 60 × 500 200 30 × 50 11710 700 20 500 εd

NOTE:

9997:10000 ppm

9998: > 10000 ppm

9999: >> 10000 ppm

THE AUSTRALIAN MINERAL DEVELOPMENT BORATORIES DATA LAYOUT FOR METALSCAN

METALLIC RESOURCES FORM DP 29

		WWDST PROJECT	NO	• • • •	• • • •	•	SADM F	ROJECT	NO						•					SH	FET		OF	. •
		AMDEL REPORT NO	o3	364/	7.8	•	SADM P	ROJECT	NAME .		• • • •								•	DA			ur .	• • • •
•				<u> </u>						Rock	Chip	Samp	iles			•				,	•••	• • • • •		• • • •
		Detection Limit	200	5	20	10	3	5	100	50	100	10	0.1	50	1	1	1	30	1	20	3	100		
		A-G NUMBER	Ba	Co	Cr	Mn	Мо	Ni	v	W	La	Y	Ag	As	Bi	Cu	Pb.	Sò	Sn			100		
Pyi .	225	R17,1,1,1,7,8,	200	لبنا	130	111	111		1640	X	ı ı x	140	105	x	- X			<u> </u>	<u> </u>	Zn	Au	р		
CT5-	237-5 250M	-1-1-1-2-1-1-1-	300		160	1.1.1	لاست		160	ιX	50	60			- X			×	12		1-X			
	275	3 1 1	600		1.70	-1-1-1	×		100	1 1/2	180		0:4	1 1	X		1 1 1	X	1 2	 	1	1000	,	
	300	5	<u>بر</u>		140		אַרַנ	441	Tèc	אַי	120			LLX.	X	1 1 1		×	3	111	, V	1000		
Pb	325	6	1 1 1	1 1 1	50		אוו		160	L X	<u> </u>	So	·×	1 1	18	- 1	111		1	1 1 1		1000		
	337.5	7, , ,	400		100		1 X	1 1 1	1/20	<u> </u>	1 X	170		1				1.1%			Y	.3.0.0		
<u>CT5-</u>		1718			150	111	אַנינ		50	X	<u> </u>	30	X		X		-1-1-1-			11:		1000		
CT15	100 M	2,0,4,2,	1300	-1-1-1	1/20		لاست	111	300	×	. 80	Eσ		34	X	-1-1-1 -1		1 12	X		LX.			لسسا
	150	4, 1, 1	400		150	-1-1-1	X	111	1/00	٨١	, 8 0	100	0:2	1 2	×		3 1 1	- X				1000		
	175	5	117		160		X	-1-1-1	160	1 1	180			X	LX.	111		*		- 		500		المعالم
	200	6			120		X		- 60	1	구누첫	160	<u>_0;2</u>		X	111	111	X	X	_i		10:00		
	225	7	1, 8		,20		X		160	メ	186	160	0:1	- 14	, X		111	18	_ X	111	1	10.00		
	250	1118111	سخى ا	1 1 1	3p	1 1 1	, , , ×		1,20	- X	<u> </u>	130	0 :3	100	, X			· X	18	444	X	30,00	110	
	275	1119111	بدرر		120	111	X		40	X	50	150	0:2	100	X		-1-1-	X				3,000		
2	300	150	4,00		160		X		OT	14	50	, 60	0:3	· · · · ·	×			- X	- ×		Y	1000		
	375	1,12,1,1	4.00		1.60	444	<u> </u>		1/50	X	1 50	1 6,0	0:1	, K	. X		1 1 1	X	- X	. 3 1	- N	1000	<u> </u>	
	100	3, , ,	6,00		3,0	+ + + + + + + + + + + + + + + + + + + +	אַייַ	4-4-4	1,00	X	1,70			×	į X	111	1.1.1	,大	×		X	300	1111	-1
Pyi	450	11.4	500		, 5.0		X		180	1	1,50	140	10:3	u x	I.K	أحب	111	بحنا	12	111		2000		
	500	1115111	400		30		1 ×	111	1 810	X .	1 20		03	X	ıx	444		X	×	111.	_:X	1.000		
	00	1116111	400	-1-1-1	1 60		אננ	1 1 1	70	_ X	70		10:5	X	X		-1-1-1	X	×	-1-1-1	-X	500		
2	25 50	7 1 2	500		1,00		×		1150	×	SO		0:3		×			×	×		X	1000		ألبل
í	75	1 9 1 1	600		100		<u> </u>		, ,70	<u> </u>	, 70	40	03	ııx	×	1_1_1			×	1 1 1	Y	3000		111
	700	60	400		80	111	<u> </u>		12,00	X	100		1/0		ı ×			120	1		X	500		
7	50	111111	500	1 1 1	20		<u> </u>		7,00	×	1 20	40	07	×	×	<u> </u>			X		JA.	3,0,00		
	775	111211	800		150	111	×	1 1	150	X	100	, 20	0:3	 	11	111			1			1000		
	200	1113	700		08		111×	111	150	×	100	80	1/10	XII	2	111	111	<u> </u>	1	111		5,0,0,0	444	أكنب
	825 1850	112	7.00		1/50		112		3,0,0		1/10/0		0,2	X	1			<u> </u>	1 1	- 	2	2000		
	875	20 66	30p		1.00	-1-1-1-			200	×	1 80	30	10:5	X	×	1 1 1	1 1 1	×		111	- X	7.000	44+	
	*** L	THE WALL TO THE			FU	للت	אוו		1,70	X	0.81	160	80	×	8		1 1	X	1		X	2000		444

NOTE:

9997 : 10000 ppm

9998: > 10000 ppm

9999: >> 10000 ppm

THE AUSTRALIAN MINERAL DEVELOPMENT LABORATORIES DATA LAYOUT FOR METALSCAN

METALLIC RESOURCES FORM DP 29

	AMDEL PROJECT	NO	• • • • •	· • • • •	٠	SADM P	ROJECT	NO		• • • •	• • • •			• •				_	SH	EET	3	OF	
	AMDEL REPORT NO	ے فی ر	9641	78		SADM P	PO IECT	MARGE			. •			``	•		•						• • • •
						OVDISI L	KOJEC I	NAME.	· · ·		• • • •	• . •	• • • •	• •					DA	TE .	• • • • •		• • • •
	Detection Limit	200	5	20	10	3	<u> </u>			ock Ch	ip Sa	mple	<u>s</u>		· ·								
	A-G NUMBER	Ba	Co	Cr	Mn	Mo	5	100	50	100	10	0.1	. 50	1	1	1	30	1	20	3	100		
T15-900M	A.2.06.7178	500		140	Pal	ļ	N1.	V	W	La	Y	Ag	As	Bi	Cu	ξÞ	Sb	Sn	Zn	Au	P		
7-350M	1782	8.00		50		X		1800	<u> </u>	8_0 ×		,		1		1	×			X	3000	, ,	
T10-625M T17-50M	2132	400	111	1,70		אַננוֹ		150		50			×			1111	<u> </u>		 	X	LIK		
TI-175M		200 1500	111	7,00		180		12,0,0	X	16,00	100	بز	 	25			×			X	2000		
	1:11111			1100		X	111	50	<u>~</u> _	200	,2,0,0	ان	<u>, , ;×</u>	×		111	×	ı x			1000		
-		111				Ju.							- 1 - 1 - 1	1.1			111	_1_1_	41.1		-1-1-1		
				-1-1-1		1 1 1	111	111			لنند			_1_1_	111						111		
-			111	111						111		11	111	11	111				444		111	111	
}		111					111		1.						111	1_1_1_					<u>- </u>		
				-1 1 1		111	1 1 1	111				1	111	LI.			1				1 1 1		<u>نا</u> ند.
-			-						1 1					11_	111	1-1-1			111				لىنى لىلى
t								-1-1-1		111			111			111	1		- 		111	111	تتت
						111	-1-1-1				111	<u> </u>			-1-1-1-						1 1 1		
- }	111111	111	_1_1_1_	1 1 1	111			-1-1-1	11	111			_ 			111	111	_1_1	1111	-	-1-1-1		
							إحمدا	-1-1- 											1 1 1		111	444	
-					111		1 1 1	111	11	111	1 1 1	-i	11:										
-	1 1 1 1 1 	++++			111	111	111								<u> </u>	1 1 1			-1-1-1		111		1
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-	1 1 1 1 1 1 1	4-1-4	-1			111	111				111	11	111	-1-1-						4	111		111
		1 1		+++		1111	111	111	44	111	111	ıi	111	11					111	+	111	111	<u> </u>
. [-1-1-1		4-1-1-						-111								111		
-							1.1.1.							11	1 1 1 1	-1-1-1						111	1
	1111111		4-1-1-	 						111		11			- 			1 1		-		111	
-			1 1 1		<u> </u>	1.1.1.	 			111	111	 	111										
L.	 	<u> </u>		<u> </u>	444			111								111	11				: 		111.

NOTE:

9997 : 10000 ppm

9998: > 10000 ppm

9999: >> 10000 ppm

3 **	*		AMDEL AI	NALYTICA	L SERVI	CE			
FORM	6 JOB 3864178	Resu	lts in pp	m unless	otherwise	e stated	ВАТСН	NO. 1/2	
	- · · · · · · · · · · · · · · · · · · ·	Line No. Metre	NOCK CAIR	Samples				de	M
тт	Sample No.	Rock Unit	Cu	PP	2 n	C.0	Ni ,	%FC	Mn
1	A 1601 178	CT2-500M	೨೭,	121	45	5	18	3.5	1250
2	λı		40	15	35	5	25	4.0	75
.3	3		30	121	೨೩	<5	_/8	2.8	640
4	4		8	.5	32	5	8	2.8	<u>520</u>
5	· 5 x	400 M	. 8	<u>క</u>	20	<5	8	٦٠١	12.50
6	6		5	15	18	<5	8	1.8	1200
7	7		8	10	25	5	8	1.9	660
8	8		12	/5	18	<5	8	104	560
9	· 9	300 M	140	42	120	12	_55	5.2	330
10	10	Pyi	140	30	90	121	25	3.1	600
11	11	J	30	32	70	10	18	3.2	720
12	12		18	40	45	10	15	3.7	1200
13	13	200 M	48	20	45	. 8	15	ર-8	70
14	lų.		12	25	150	< 5	5	0.8	180
5	15		28	70	100	S	18	3.6	420
16	STD.								·
17	16		12	38	140	5	8	1.5	370
18	17	₩ 100 M	20	32,	140	8	10	2.3	3601
19	A 1618178	本	22	35	80	8	18	2.9	840
20	5×								
اسمد ت بيم		and the second of the second o	AMDEL A	NALYTIC	AI SERV	ICF			n in de la propieta de la companya de la companya La companya de la companya de l
FORM	JOB 3864/78	. Res	ults in p				ВАТСН	NO. λ	
TT	Sample No.		Cu	Pb	2n	Co	Ni	1/se	Mn
1	A 1619/78	<u> L</u> ft	38	22	90	15	421	4.4	3901
2	20'		15	18	50	5	20	3.7	1750
3	1621	CT2-00 M		121	70	15	25	2.9	1500
4	STD.								1.

		T T			1 5		1 41	N.C.	
TT	Sample No.		Cu	Pb	2n	Co	Ni	16Fe	Mn
1	A 1619178	<u>Eft</u>	38	22	90	15	42	4.4	3901
2	20		15	18	50	5	20	3.7	1750 1
3	1621	CT2-00 M	20	121	70	15	25	2.9	1500
4	STD.								
5	1699	CT5-00M	28	25	85	12	40	4.4	3101
6	1700	12:51	30	18	70	5	25	2.9	840
7	1	Pft 25M	22	20	6.5	5	25	4 . 4	1600
8	2	₩ 50M	28	15	55	10	25	2.7	1050
9	3	↑ 87·5	25_	15	160	<u>5</u>	30	2.7	190'
10	4	100	32.	15	48	5	20	3.4	370
11	. 5	1/2:5	20	18	50	8	20	3.2	120
12	6	125	45	8	60	15	321	4.5	230
13	7	Pyi 137.5	8	20	150	≺ 5	5	101	370
14	18	162.5	25	15	60	121	25	3.4	720
15	9	187.5	40	15	70	10	15	3.8	1150
16	10	212.5	20	18	45	121	18	3.0	640
17	l l	225	28	12	42	10	18	2.8	600
18	12.	237.5	20	15	50	8	18	2.8	370
19	A 1713178	↓ 250	18	15	45	8	15	3.0	840
20	08'x	^		Same decountries of the section of the section of	and the second s	tomor grown i oral or gar war an			

	1 3			AMDEL AN				DATCU	NO SI	
, k	FORM	6 JOB 3864/78	Resu	lts in ppm Rock C	n unless d hip Sample	otherwise es	stated	BAICH	NO. 3/4	
			Line No. Metreag Rock Unit	e Cu	Pb	200	Co	Hi	%FC	Ma
Ĺ	<u>TT</u>	Sample No. 9 1714178	275 M	15	18	48	10	15	4.7	960 1
	2	15	300	5	5	45	5	15	٦٠8	8601
	3	16.	Pb 325	15	10	45	10	15	2.5	<u>580/</u>
	4	17	337.5	18	18	22	20	18	2.0	5.60
	5	1718 .	CT5-362·5	18	15	30	8	10	1.8	400
_		STD.								
	7	2042	CT15-100M	25	42	೩೦	5	_/5	2.5	160_
	8	3	125	60	12,	22	_/0	25_	4.2	490_
	9	4	150	48	25	30	-5	18	5.0	520
	10	• 5	175	55	121	20	10	15	3.5	920
	11	<u> </u>	200		15	8	5	<u>.5</u>	೨.೦_	160
	12	7	225	15	8	5	<5	_5	1.0	75
	13	8	Pyi 250	25	8	18	5	8	4.3	230/
-	14	9	275	30	8	8	_5	10	1.5	1600
_	5	50 x	300	15	10	15		20_	3.6	400°
_	16	1	325	20	15	25	10	15	3·0 1·3	85
-	17	2,	37.5	25_	10		<5	_5		
	18	3	400	2.50	12,	95	50	100_	8.0	2700
	19	A 2054 178	450	15		15	5	10	1.2	
	20	50 x	1							<u> </u>
	FODI	JOB 3864178	Res	AMDEL A sults in p	NALYTIC pm unless	-		BATC	1 NO. 4	
	FOR		1	Cn	Pb	2n	Co	Ni.	%fe	Mn
	TT	Sample No.						< 5	0.5	110
	1	A 2055/78		10	5	5	<5	T	3.2	8601
	2	6	600	95	28	180	15 8	15	2.0	1150
	3	7	625	200	12	8	8	121	1.2	410
54	4_	58 x	650	30	10	18		1	2.2	370
	5	9	675		/8	15	8	121		660'
	6	60	Pvi 700	310	15_	12/	10	12	3.6	100V

		· · · · · · · · · · · · · · · · · · ·						امنا	
TT	Sample No.	,	Cu	Pb	2n	Co	N;	%fe	Mn
1	A 2055178	500	10	5	5	<5	< 5	0.5	110
2	6	600	95	28	180	15	15	3.2	8601
3	7	625	200	12	8	8	121	2.0	1150
4	58×	650	30	10	18	8	8	1.2	410
5	q	675	38	18	15	8	121	2.2	370
	60	Pyi 700	310	15	12	10	12	3.6	660
<u>6</u> 7	00	750	85	10	8	10	10	2.0	540
. 8	2,	775	110	15	18	12	8	2.0	560
9	3	800	60_	18	18	12	15	2.0	6601
10	4	825	130	18	15	18	15	3.7	3901
	5	850	42	20	38	15	15	1.8	1100
11	· 6	875	190	20	50	28	30	4.3	1300
12 .	2067			15	25	18	15	3.2	1650
13	<u> </u>	CT15-900	95	/3		7.0			
14	STD. 1782	CT7-350M	P/ 2 20	15	55	10	8	5.4	2.05%
15				10	5	<5	5	0.45	140
<u>16</u>	1894	CT/0-625M	[•	1	75	48	190	23.5	5000
17	2132	CT/7-50 M	1 .	28		< 5	8	1.8	180
18	A 1579 78	CT 1- 175M	Pyi 65	10	210	> 0	, o	1.0	1.65
19	58 x		 						gapada i
20	BIK.		original transport		A STATE OF THE PARTY OF THE PAR				





