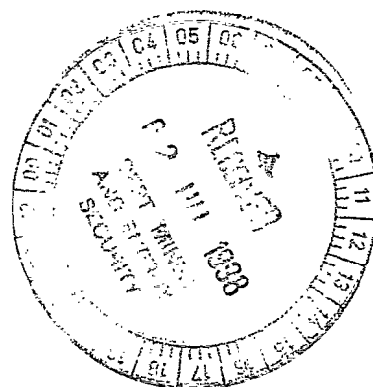


GOLDSTREAM MINING N.L.
A.C.N. 009 129 560

Annual Report
E.L. 2319 "MARBLE RANGE"

From 30 April 1997 to 29 April 1998

Author: P.Greenhill
Date: June 1998
Copies to: MESA (2)
GDM – Perth
GDM – Adelaide



GDM Report No: 021

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1. Summary

Extensive cover sequences (Bridgewater Formation), have prevented conventional regolith sampling techniques being undertaken in Areas “A” and “B” of E.L 2319. Where applicable roadside lag sampling has been completed over Area “C” at a nominal spacing of 400m. Infill sampling has been conducted at 200m centres around anomalous base metal results and significant As and Pb anomalies have been identified. A program of regolith RAB drilling has been planned for Areas “A”, “B” and “C”, and will be carried out pending Aboriginal Heritage Site clearances.

2. Introduction

Exploration Licence 2319 “Marble Range” covers a total area of approximately 816 km² and comprises three separate blocks, Areas “A”, “B” and “C”. Area A is situated approximately 15 kilometres east of Elliston, Area “B” is centred around the township of Murdinga and Area “C” is situated approximately 40 kilometres west of Port Lincoln and includes the settlements of Coultia and Warrow.

The area was identified as having potential to host granulite facies, gold deposits within the Archaean Sleaford Complex, as well as having potential for shear-hosted polymetallic Au and base metal mineralisation.

The tenement is entirely on freehold and perpetual leasehold wheat and sheep grazing properties. Access is via a regular network of all weather gravel and sealed public roads.

3. Tenure

Exploration licence 2319 “Marble Range” was granted to Goldstream Mining (“Goldstream”) on the 30th of April 1997 to explore for gold and base metals. An extension of term has been approved and the licence is now due to expire on the 29th of April 1999.

4. Geology

Basement rocks within Area “C” comprise Archaean Sleaford Complex, Wangary Gneiss and Kiana Granite. These rocks are overlain by Palaeoproterozoic Hutchison Group (Warrow quartzite) at Marble Range and Mt Greenly, and unconformably overlain by Cainozoic aeolian (Bridgewater Formation), fluvial and lacustrine sediments elsewhere within the tenement.

Basement rocks are not exposed within Area “A” or Area “B” however previous exploration drilling, targeting aeromagnetic anomalies, intersected Archaean granitoids, schists, komatiites and amphibolites.

Re-mapping of the Lincoln 1:250 000 map sheet by PIRSA has been completed and is currently in preparation.

5. Previous Exploration

Previous exploration on E.L. 2319 has included uranium, base metals, mineral sands, coal and diamonds. A summary of the companies who previously held ground covered by the current tenement is tabulated below.

Company	E.L. No.	Tenement	Year	Commodity	Envelope No.
CRA Exploration Pty.Ltd	E.L. 0688	Sheringa	1980-82	Diamonds	ENV3973/4659
CSR Ltd.	E.L. 1266	Cummins	1984-85	Base metals	ENV 5987
Stockdale Prospecting Ltd.	E.L. 1518	Mt. Hope	1988-92	Diamonds	ENV 8076
CRA Exploration Pty.Ltd	E.L. 0670	Lock	1980-82	Coal	ENV 5878
CRA Exploration Pty.Ltd	E.L. 1215	Lock	1984-85	Coal	ENV 5448
Exploration Drilling Pty.Ltd.	E.L. 0058	Lake Greenly	1973-74	Gypsum	ENV 2298

Uranerz (Aust) Pty.Ltd.	E.L. 0388	Coultan	1978-79	Uranium	ENV 3283
Afmeco Pty. Ltd.	E.L. 0578	Warunda	1980-82	Uranium	ENV 3776
CRA Exploratio Pty.Ltd	E.L. 1154	Warunda	1983-85	Base metals	ENV 5247
Dominion Metals Pty. Ltd.	E.L. 1614	Strawberry Hill	1989-94	Mineral sands/ Base metals	ENV 8240

6. Current Exploration

Difficult cover sequences including Bridgewater Formation and Wanilla Formation, have restricted regolith sampling within Areas "A" and "B". Laterite and Fe-rich lag has been sampled in Area "C" with some success. Target generation in the remainder of the licence is dependent on aeromagnetic interpretation and drillhole data from previous exploration.

6.1 Geochemistry

6.1.1 Lag Geochemistry

A total of 418 lag samples have been collected in Area "C" and assayed for Au, As, Cu, Pb, Ni, Ag and Fe. Initial roadside sampling was conducted at nominal spacings of 400m and closed down to 200m around anomalous results. Base metal results have been highly encouraging with peak results of 430ppm and 240ppm As and 96ppm Pb being returned (Appendix 1).

6.1.2 Rockchips

A total of five rockchips were collected and assayed for Au, As, and Cu. No significant results were returned. Results are included as Appendix 2.

6.1.3 Partial Leach

Orientation partial leach sampling was conducted over the Lady Franklyn Pb/Zn Prospect. A total of twenty samples were collected and analysed for a suite of base metals and trace elements. Elevated Cu, Pb, and Zn results reflected the mineralisation at the prospect, while other elements were more enigmatic. Application of the technique is restricted to areas of relatively shallow in-situ soil development and as a result its use as a regional sampling method within E.L. 2319 is diminished. Results are tabulated in Appendix 3.

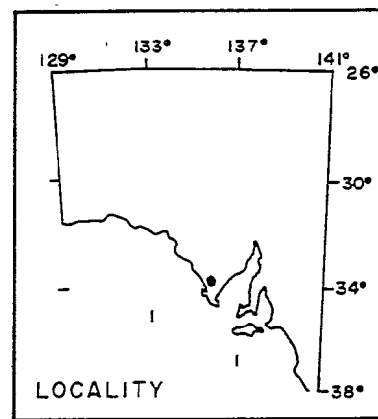
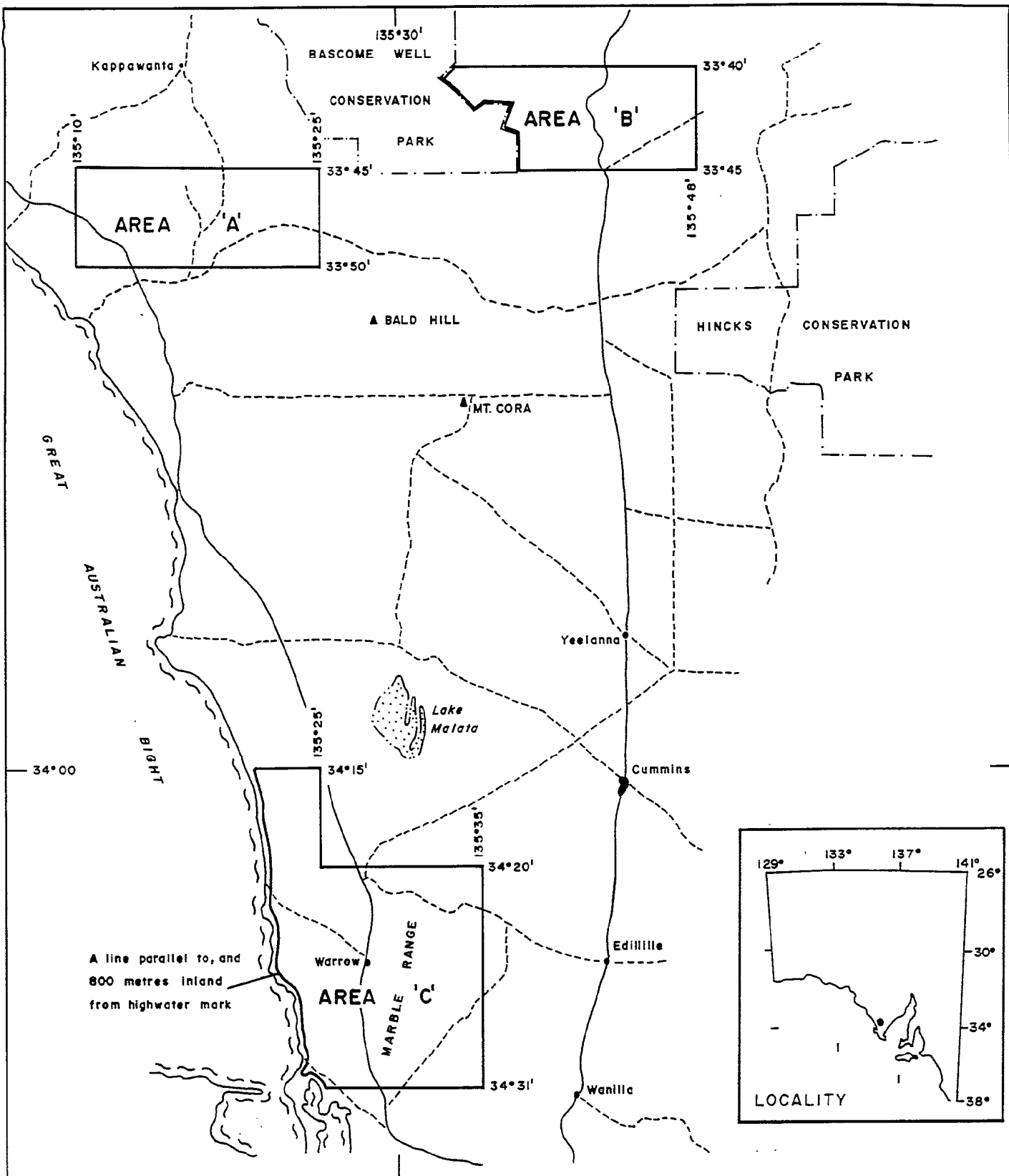
6.1.4 Drainage BCL

Six -2mm Drainage BCL samples were collected from Area "C" and assayed for Au, Ag and Cu. No significant results were returned. Appendix 4.

8. Conclusions

Exploration efforts on Areas "A" and "B" of E.L. 2319 have been hampered by the lack of a suitable regolith, sampling medium. Drilling from previous exploration and aeromagnetic interpretation have identified a number of targets that will be RAB drilled pending Aboriginal Heritage clearance.

Lag/Laterite sampling in Area "C" has identified areas anomalous base metals that are currently being followed up prior to RAB drilling.



Ref: Kimba S153-07 / Lincoln S153-11

FIG 1

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EL 2319 - MARBLE RANGE

Location plan

0 10 20 30 40 km

SCALE: 1:500 000	DATE: MAR 98
DRAWN: F.R.	REPT. NO.: 021 SA 126

Appendix 1

Lag Geochemical Data

Marble Range Lag Data.xls

SAMPLE	EAST	NORTH	Au	As	Cu	Ag	Fe	Ni	Pb
24017	540000	6182400	<1	9	2.7	<0.1		4.7	
24141	546765	6198136	<1	30	2	<0.1	17.5	17	46
24142	547085	6198013	1	25	2	<0.1	12	13	27
24143	547438	6197747	1	20	1	<0.1	10.4	10	36
24144	547817	6197594	1	30	2	<0.1	26	11	32
24145	548163	6197381	<1	45	4	<0.1	17.5	6	96
24145A			<1	25	2	<0.1	9.6	12	35
24146	548513	6197183	<1	25	6	<0.1	15.5	6	130
24147	548857	6197001	<1	35	4	<0.1	15.5	11	60
24148	549257	6196771	<1	20	2	<0.1	11.6	16	40
24149	549590	6196585	<1	10	2	<0.1	8	9	22
24150	549934	6196382	<1	15	2	<0.1	9.6	10	20
24151	550344	6196351	<1	10	2	<0.1	13.5	7	22
24152	550676	6196323	<1	15	2	<0.1	12	8	30
24153	550953	6196707	<1	20	1	<0.1	12.5	12	33
24154	551276	6196961	1	20	10	<0.1	31	11	54
24155	551635	6197149	<1	20	2	<0.1	17.5	16	45
24156	551979	6197043	<1	25	5	<0.1	22	12	56
24157	552395	6196899	<1	15	5	<0.1	35	5	62
24158	552395	6196899	1	20	6	<0.1	40	8	72
24159	552779	6196761	<1	15	1	<0.1	20.5	12	38
24160	553122	6196643	<1	20	7	<0.1	31	12	64
24161	553510	6196531	<1	25	1	<0.1	21	11	36
24184	553676	6188925	1	35	2	<0.1	21	20	50
24185	553401	6188676	<1	25	2	<0.1	15	23	35
24186	553113	6188404	<1	35	2	<0.1	21	18	50
24187	552809	6188144	<1	35	2	<0.1	22	14	49
24188	552544	6181871	<1	55	2	<0.1	18.5	10	52
24189	552344	6187495	<1	240	1	<0.1	15.5	10	33
24190	552188	6187106	<1	80	1	<0.1	20	12	45
24194	553754	6190258	<1	20	2	<0.1	27.5	16	37
24194A	554156	6190348	1	25	1	<0.1	20.5	20	36
24195	553365	6190199	<1	25	3	<0.1	23	21	44
24196	552975	6190113	<1	25	1	<0.1	25	17	48
24197	552585	6190067	<1	30	2	<0.1	19	21	47
24198	552163	6189984	<1	40	1	<0.1	23	23	49
24199	551766	6189902	<1	40	1	<0.1	18	15	47
24200	551369	6189839	<1	40	2	<0.1	22	14	44
24201	550957	6189774	<1	30	1	<0.1	20	17	45
24202	550601	6189616	<1	30	1	<0.1	21	19	46
24203	550326	6189374	<1	20	1	<0.1	19.5	10	32
24204	550075	6189067	<1	35	3	<0.1	21.5	15	45
24205	549829	6188711	<1	30	1	<0.1	21.5	20	44
24206	549602	6188393	<1	30	1	<0.1	14	13	39
24207	549354	6188050	<1	30	1	<0.1	13	18	48
24208	549132	6187725	<1	25	2	<0.1	18	20	49
24209	548897	6187404	<1	25	1	<0.1	21	18	54
24210	548640	6187103	<1	25	1	<0.1	14.5	7	42
24211	548361	6186817	<1	25	1	<0.1	15.5	19	43
24212	548117	6186498	<1	25	3	<0.1	21	18	52
24213	547897	6186203	<1	25	2	<0.1	21.5	14	45
24214	547570	6185892	<1	25	1	0.1	21	15	42

Marble Range Lag Data.xls

SAMPLE	EAST	NORTH	Au	As	Cr	Ag	Fe	Ni	Pb
24215	547294	6185585	<1	25	1	<0.1	11.4	11	35
24216	547003	6185286	<1	20	4	<0.1	18	34	49
24217	546752	6185011	<1	25	1	<0.1	13	20	44
24218	546526	6184687	<1	20	<1	<0.1	10.2	12	31
24219	546495	6184309	<1	25	2	<0.1	17.5	11	46
24220	546486	6182894	<1	25	<1	<0.1	16	47	43
24221	546495	6183493	<1	35	2	<0.1	16.5	26	45
24222	546487	6183075	<1	20	2	<0.1	28.5	29	25
24223	546589	6182718	1	30	<1	<0.1	12	10	43
24224	546715	6182305	<1	35	2	<0.1	9.8	9	34
24225	546895	6181671	<1	30	4	<0.1	12	29	34
24226	546782	6181491	<1	15	1	<0.1	11.4	22	21
24227	546782	6181491	<1	20	3	<0.1	13.5	26	22
24228	546535	6181174	<1	30	3	<0.1	7.2	10	32
24229	546228	6180797	<1	25	1	<0.1	18.5	15	38
24336	553351	6181190	<1	40	2	<0.1	20.5	22	43
24337	553351	6181190	<1	40	1	<0.1	16.5	17	40
24338	552913	6181196	<1	40	1	<0.1	19.5	19	37
24339	552545	6181230	<1	50	2	<0.1	26	19	50
24340	552056	6181240	<1	125	1	<0.1	23	13	33
24341	551671	6181368	<1	60	2	<0.1	25.5	22	46
24342	551284	6181500	<1	35	1	<0.1	25.5	20	46
24343	550075	6181631	<1	60	2	<0.1	21	27	34
24344	550505	6181755	<1	40	2	<0.1	27	20	54
24345	550080	6181784	<1	20	2	<0.1	16.5	14	35
24346	549673	6181771	<1	15	6	<0.1	15.5	17	27
24347	549278	6181783	<1	20	3	<0.1	21	14	34
24348	548865	6181786	<1	25	2	<0.1	23	20	48
24349	548468	6181780	<1	30	3	<0.1	21.5	25	40
24350	548468	6181780	<1	40	2	<0.1	25	25	41
24351	548044	6181789	<1	30	2	<0.1	17	18	26
24352	547664	6181791	<1	15	2	<0.1	24	24	32
24353	547260	6181794	<1	10	8	<0.1	21.5	21	22
24354	543941	6177801	<1	25	3	<0.1	10	17	22
24355	544103	6178179	<1	45	2	<0.1	21.5	16	35
24356	544243	6178572	<1	25	3	<0.1	13	15	24
24357	544486	6178873	<1	15	2	<0.1	17	14	24
24358	544742	6179171	<1	10	2	<0.1	15.5	21	31
24359	545033	6179441	<1	25	2	<0.1	12.5	13	21
24360	545286	6179773	<1	30	1	<0.1	13.5	13	33
24361	545544	6180042	<1	30	2	<0.1	14.5	19	29
24362	545826	6180375	<1	30	2	<0.1	13	14	19
24363	544604	6179155	<1	10	2	<0.1	18.5	16	30
24364	544604	6179155	<1	15	2	<0.1	20	17	33
24365	544309	6179439	<1	45	2	<0.1	28.5	23	45
24366	543973	6179523	<1	35	2	<0.1	22.5	22	36
24367	551953	6186793	<1	65	2	<0.1	21	15	41
24368	551640	6186604	<1	60	2	<0.1	17	13	33
24369	551234	6186518	<1	60	2	<0.1	17	16	46
24370	550864	6186357	1	45	2	<0.1	18	20	46
24371	550618	6186029	<1	45	2	<0.1	20	17	43
24372	550398	6185726	<1	30	3	<0.1	24	17	34

SAMPLE	EAST	NORTH	Au	As	Cu	Ag	Fe	Ni	Pb
24373	550154	6185382	1	70	2	<0.1	20.5	14	37
24374	549859	6185107	<1	180	3	<0.1	17	17	36
24375	549615	6184757	<1	40	3	<0.1	18.5	22	30
24376	549328	6184463	<1	55	2	<0.1	26.5	19	43
24377	549077	6184137	<1	55	2	<0.1	23	26	52
24378	548835	6183847	<1	60	2	<0.1	29	16	38
24379	548543	6183556	<1	75	2	<0.1	23.5	18	44
24380	548292	6183246	<1	100	2	<0.1	26.5	24	40
24381	548044	6182959	<1	75	3	<0.1	31.5	48	46
24382	547774	6182616	<1	45	2	<0.1	19.5	27	35
24383	547485	6182294	<1	50	2	<0.1	18.5	24	50
24384	547254	6182040	<1	10	4	<0.1	13	22	34
24474	547528	6177295	<1	20	2	<0.1	14.5	27	38
24475	547275	6177009	<1	20	2	<0.1	13	16	26
24476	546881	6176585	<1	30	4	<0.1	8.2	27	17
24477	546643	6176319	<1	25	4	<0.1	14	24	32
24478	546390	6176003	<1	35	3	<0.1	13.5	14	27
24479	546314	6175419	<1	25	1	<0.1	13.5	17	31
24480	543206	6199105	<1	20	1	<0.1	14	22	50
24481	543458	6198696	<1	15	3	0.1	18.5	24	41
24482	543458	6198696	<1	20	2	<0.1	15.5	23	44
24483	543784	6198419	<1	20	1	<0.1	20	21	38
24484	544078	6198193	<1	15	2	<0.1	10.4	12	26
24485	544639	6198152	<1	20	2	<0.1	12	14	31
24486	545032	6198168	<1	30	3	<0.1	13	26	31
24487	545425	6198169	<1	25	2	<0.1	15.5	19	40
24488	545834	6198157	<1	30	2	<0.1	16.5	15	43
24489	546238	6198175	<1	15	1	<0.1	12.5	11	27
24490	546704	6198283	<1	15	2	<0.1	8	6	37
24491	546678	6198694	<1	20	1	<0.1	23	17	35
24492	546708	6199074	<1	25	2	<0.1	19	20	39
24493	546715	6199485	<1	20	2	<0.1	13.5	16	38
24494	546715	6199485	<1	20	2	<0.1	13.5	13	41
24495	546770	6199931	<1	25	1	<0.1	13.5	14	70
24496	546737	6200319	<1	30	1	<0.1	11.2	39	29
24497	546744	6200733	<1	30	1	<0.1	15.5	24	42
24508	542182	6184103	<1	15	<1	<0.1	8.8	16	34
24509	542011	6183734	<1	20	<1	<0.1	9.6	9	50
24510	541831	6183430	<1	20	<1	<0.1	9.4	10	34
24511	541676	6183029	1	25	5	<0.1	10	7	38
24512	541764	6190308	<1	20	2	<0.1	14	12	30
24513	541469	6190155	1	5	<1	<0.1	33	18	29
24514	541148	6189926	<1	20	2	<0.1	21	10	34
24515	540754	6189706	<1	15	1	<0.1	16	14	56
24516	540436	6189455	<1	30	2	<0.1	20	12	31
24517	540173	6189141	<1	35	<1	<0.1	25.5	6	95
24518	540173	6189141	<1	30	<1	<0.1	27	10	87
24519	539957	6188835	<1	10	<1	<0.1	11.8	12	33
24520	539782	6188482	1	40	<1	<0.1	18.5	11	64
24521	539415	6187779	<1	25	<1	<0.1	9.8	14	24
24522	539827	6186980	<1	20	<1	<0.1	10.4	11	25
24523	540006	6186610	<1	20	1	<0.1	7.8	9	21

SAMPLE	EAST	NORTH	Au	As	Cu	Ag	Fe	Ni	Pb
24524	540144	6186228	<1	20	<1	<0.1	9.6	11	25
24525	540144	6185805	<1	35	<1	<0.1	10.6	8	27
24541	542317	6199883	<1	20	<1	<0.1	16	16	40
24542	542393	6200261	<1	30	<1	<0.1	20	21	52
24543	542446	6200665	<1	25	<1	<0.1	15.5	32	54
24635	543827	6177816	<1	40	1	<0.1	15	17	31
24636	543809	6178280	1	30	5	<0.1	13	13	28
24637	543809	6178280	<1	30	4	<0.1	12.5	12	28
24638	543815	6178643	<1	25	1	<0.1	8.8	8	21
24639	543810	6179044	1	45	3	<0.1	19	8	37
24640	543702	6179418	1	40	1	<0.1	17.5	20	32
24641	543575	6179807	<1	45	<1	<0.1	17.5	18	41
24642	543409	6180180	<1	55	2	<0.1	19.5	16	56
24643	543289	6180538	<1	40	1	<0.1	17	16	43
24644	543020	6180863	<1	35	2	<0.1	11	13	42
24645	542851	6181177	<1	25	5	<0.1	11.4	15	30
24646	542635	6181550	1	45	3	<0.1	19.5	7	33
24647	542413	6181951	1	50	1	<0.1	12	17	30
24648	542413	6181951	<1	45	2	<0.1	11.6	12	27
24649	542412	6182293	<1	40	2	<0.1	12	13	25
24650	542342	6182669	<1	50	<1	<0.1	17.5	12	39
24651	542317	6183051	<1	40	2	<0.1	12.5	11	58
24652	542260	6183485	<1	30	<1	<0.1	8.2	11	18
24653	542221	6183842	<1	35	4	<0.1	10	12	31
24654	542180	6184289	<1	45	2	<0.1	10.2	9	47
24655	542147	6184716	<1	40	1	<0.1	13	16	32
24656	542086	6185121	<1	35	1	<0.1	19.5	25	40
24657	542085	6185526	1	40	<1	<0.1	13	15	37
24658	542018	6185894	<1	45	6	<0.1	27.5	10	66
24659	541929	6186257	1	35	1	<0.1	10.6	8	47
24660	541945	6186708	<1	20	1	<0.1	9.4	10	15
24661	541881	6187151	1	35	1	<0.1	13	11	47
24662	541828	6187520	1	35	1	<0.1	13	16	21
24663	541793	6187953	1	40	3	<0.1	17.5	21	30
24664	541750	6188339	1	30	<1	<0.1	8	15	24
24665	541750	6188339	<1	25	<1	<0.1	7.8	17	24
24666	541707	6188698	1	30	2	<0.1	10.8	19	26
24667	541667	6189159	<1	30	1	<0.1	8.2	8	21
24668	541691	6189570	1	35	4	<0.1	16	13	33
24669	541748	6189974	<1	40	<1	<0.1	11.2	15	25
24670	541935	6190703	1	45	4	<0.1	14	10	34
24671	542055	6191018	1	25	2	<0.1	8.8	11	56
25169	549160	6186250	<1	25	4	<0.1	13	9	29
25170	549540	6186090	<1	50	3	<0.1	20	15	44
25171	549900	6185880	<1	35	2	<0.1	18.5	21	48
25172	549530	6185830	<1	55	4	<0.1	22.5	17	64
25173	549530	6185830	<1	60	2	<0.1	20	13	58
25174	548920	6185950	<1	50	1	<0.1	23.5	8	40
25175	548750	6185600	<1	25	2	<0.1	17	9	30
25176	548800	6185240	<1	35	2	<0.1	19.5	12	34
25177	549300	6185090	<1	70	4	<0.1	25	16	42
25178	549220	6185310	<1	50	2	<0.1	25.5	18	44

Marble Range Lag Data.xls

SAMPLE	EAST	NORTH	Au	As	Cu	Ag	Pb	Ni	Pb
25179	548450	6184720	<1	20	2	<0.1	11.8	13	20
25180	548850	6184710	<1	25	2	<0.1	10.6	21	20
25181	549280	6184720	<1	40	2	<0.1	20	19	31
25182	549030	6184910	<1	30	2	<0.1	14	15	22
25183	548300	6185160	<1	35	1	<0.1	11.2	14	24
25184	548300	6185160	<1	35	2	<0.1	11.6	7	26
25185	548000	6184920	<1	30	2	<0.1	12.5	27	35
25186	547810	6184720	<1	45	3	<0.1	20.5	14	36
25187	548270	6184920	<1	35	2	<0.1	11.8	12	26
25188	548290	6186520	<1	40	3	<0.1	20	15	56
25189	548400	6186280	<1	40	1	<0.1	20	16	49
25190	548180	6186020	<1	35	2	<0.1	20.5	11	52
25191	548080	6186300	<1	40	2	<0.1	21	11	50
25192	548670	6186300	<1	35	2	<0.1	20.5	5	38
25193	548500	6185830	<1	85	2	<0.1	20	10	45
25194	548350	6185620	<1	60	4	<0.1	9.4	11	26
25195	548060	6185940	<1	35	2	<0.1	19	14	43
25196	547940	6185600	<1	30	3	<0.1	17	9	52
25197	547730	6185790	<1	30	1	<0.1	17.5	13	46
25198	547220	6185370	<1	35	1	<0.1	15	9	68
25199	547220	6185370	<1	30	<1	<0.1	18	13	58
25200	547240	6184960	<1	25	3	<0.1	15	11	58
25201	547520	6185520	<1	25	<1	<0.1	16	15	30
25202	547560	6185230	<1	30	4	<0.1	21.5	52	34
25203	547440	6184920	<1	20	5	<0.1	21	26	33
25204	547160	6184720	<1	30	<1	<0.1	21.5	12	50
25205	546790	6184580	<1	35	3	<0.1	21	18	54
25206	546980	6184250	<1	30	4	<0.1	15.5	32	33
25207	546620	6184010	1	20	3	<0.1	18	31	36
25220	546690	6182770	1	25	1	<0.1	14	17	41
25221	546970	6183410	<1	85	1	<0.1	22	23	47
25222	546680	6183665	1	30	2	<0.1	11.4	8	35
25223	547000	6183890	1	20	2	<0.1	9.2	18	23
25224	547320	6184060	<1	35	2	<0.1	18	47	36
25225	547550	6193790	<1	30	<1	<0.1	11	13	38
25226	547750	6184230	1	45	<1	<0.1	18	23	43
25227	547750	6184230	1	45	1	<0.1	19.5	13	44
25228	548220	6184060	<1	40	5	<0.1	16.5	16	52
25229	548620	6183990	<1	45	<1	<0.1	22	14	40
25230	548770	6184340	1	35	1	<0.1	20.5	4	39
25231	549190	6184630	<1	35	<1	<0.1	18	10	37
25232	548150	6183810	<1	35	<1	<0.1	31	18	37
25233	547970	6183400	<1	45	<1	<0.1	16.5	13	42
25234	548190	6183490	<1	60	2	<0.1	21	14	39
25235	547780	6183540	1	55	<1	<0.1	16	6	40
25236	547430	6183400	<1	25	<1	<0.1	11.8	10	32
25237	547150	6182970	1	35	2	<0.1	15.5	9	40
25238	547150	6182970	<1	35	<1	<0.1	13.5	8	39
25239	547530	6183090	<1	30	2	<0.1	10.4	11	26
25240	547590	6182830	<1	40	3	<0.1	18	16	47
25241	547335	6182780	1	30	3	<0.1	19	15	54
25242	547100	6182510	<1	35	2	<0.1	15	9	48

SAMPLE	EAST	NORTH	Au	Ag	Cu	Ag	Fe	Ni	Pb
25243	546800	6182450	<1	40	1	<0.1	16	11	39
25244	547880	6182980	1	80	1	<0.1	17.5	18	42
25245	552970	6189860	1	25	1	<0.1	12.5	35	33
25246	553500	6189940	<1	20	2	<0.1	21.5	21	35
25247	553490	6189290	<1	<5	2	<0.1	11.4	6	23
25248	553470	6188980	<1	35	1	<0.1	18.5	11	43
25249	553130	6189420	<1	15	<1	<0.1	18.5	18	36
25250	553130	6189420	<1	10	3	<0.1	18	14	34
25251	552670	6188980	<1	45	3	<0.1	22.5	22	46
25252	553120	6188750	<1	60	1	<0.1	18.5	4	38
25253	552690	6188360	<1	40	1	<0.1	18.5	17	43
25254	552210	6188500	<1	25	2	<0.1	17.5	14	44
25255	552670	6188640	<1	40	<1	<0.1	19	18	36
25256	552430	6189140	<1	25	3	<0.1	18.5	13	39
25257	552680	6189460	<1	25	2	<0.1	18.5	17	48
25258	552520	6189620	<1	25	<1	0.1	16.5	7	58
25259	552230	6189540	<1	45	2	<0.1	15	16	56
25260	552230	6189280	<1	30	4	<0.1	21.5	<5	68
25261	551970	6189020	<1	45	2	<0.1	17.5	12	37
25262	552120	6188800	1	20	3	<0.1	13.5	16	27
25263	551800	6188600	<1	10	1	<0.1	17	20	21
25264	551570	6188680	<1	25	2	<0.1	13.5	18	27
25265	551360	6188250	<1	25	2	<0.1	14.5	12	29
25266	551800	6188210	<1	20	2	<0.1	15.5	12	19
25267	551900	6187870	1	20	2	<0.1	16	20	27
25268	551900	6187870	<1	15	2	<0.1	16.5	12	26
25269	551530	6187950	<1	20	1	<0.1	13	7	23
25270	551300	6188070	<1	30	2	<0.1	16	14	34
25271	551110	6187800	<1	15	2	<0.1	16	8	23
25272	551630	6187640	<1	50	1	<0.1	20.5	12	44
25273	551990	6187590	<1	25	4	<0.1	13	20	19
25274	552410	6188100	<1	40	<1	<0.1	20	12	47
25275	552050	6188150	<1	20	1	<0.1	19	17	39
25276	552240	6187830	<1	45	<1	<0.1	16.5	9	42
25277	551180	6186580	<1	35	<1	<0.1	14.5	24	34
25278	551180	6186580	<1	35	2	<0.1	14	28	35
25279	550950	6186800	<1	35	<1	0.2	14.5	19	54
25280	550770	6187080	<1	30	<1	<0.1	14.5	12	18
25281	550470	6186830	<1	40	2	<0.1	19.5	15	62
25282	550630	6186430	<1	30	1	<0.1	19.5	15	48
25283	550560	6186100	<1	35	<1	<0.1	17	16	56
25284	550300	6185880	<1	55	<1	<0.1	17	11	48
25285	550190	6186380	<1	45	2	<0.1	20	12	52
25286	549880	6186350	<1	45	1	<0.1	20.5	10	50
25287	549790	6186660	<1	50	1	<0.1	21.5	12	54
25288	550120	6186980	<1	45	3	<0.1	18.5	17	42
25289	550120	6186980	1	50	2	<0.1	20.5	20	47
25290	550160	6186750	<1	40	<1	<0.1	16	10	39
25291	549490	6186420	<1	75	3	<0.1	20.5	13	64
25292	548910	6186730	2	40	3	<0.1	19	15	39
25293	549230	6187000	<1	55	<1	<0.1	19	14	52
25294	549650	6187170	<1	70	<1	<0.1	21.5	20	49

SAMPLE	EAST	NORTH	Au	As	Cu	Ag	Pb	Ni	Pb
25295	549930	6187340	<1	30	1	<0.1	17.5	6	56
25296	549530	6187450	<1	45	<1	<0.1	20	10	46
25297	548900	6187000	<1	40	<1	<0.1	18.5	7	52
25298	549170	6187570	<1	45	1	0.1	16.5	12	43
25299	549790	6188110	<1	45	1	<0.1	14.5	8	56
25300	549980	6188640	<1	30	<1	<0.1	18.5	19	47
25301	550390	6188310	<1	35	<1	<0.1	18.5	13	47
25302	550470	6188980	<1	30	<1	<0.1	17	13	28
25303	550470	6188980	<1	45	<1	<0.1	17	9	31
25304	550150	6189000	<1	40	<1	<0.1	18	12	47
25305	550450	6189460	<1	30	<1	<0.1	19	15	48
25306	550890	6189480	<1	45	1	<0.1	22	25	54
25307	550900	6189070	<1	45	<1	<0.1	30	11	45
25308	551150	6189530	<1	45	<1	<0.1	18.5	23	62
25309	551490	6189800	<1	45	<1	<0.1	20	16	45
25310	551110	6188800	<1	40	<1	<0.1	17	13	32
25311	551080	6188530	<1	60	<1	<0.1	22.5	19	60
25312	550960	6188150	<1	45	<1	<0.1	20	26	52
25313	550720	6188550	<1	45	<1	<0.1	19	22	52
25314	551390	6188800	<1	45	<1	<0.1	18.5	17	50
25315	551390	6188800	<1	55	<1	<0.1	19	13	56
25316	551660	6189200	<1	40	<1	<0.1	19	20	42
25317	551500	6189390	<1	70	<1	<0.1	20	7	40
25318	552020	6189560	<1	30	<1	<0.1	19.5	23	52
25319	552160	6189830	<1	40	1	<0.1	17	20	54
25320	552460	6185200	<1	55	<1	<0.1	19.5	14	58
25321	552390	6184880	<1	55	<1	<0.1	20.5	9	44
25322	552040	6185110	<1	45	<1	<0.1	18.5	12	47
25323	551610	6185470	1	95	<1	<0.1	18	9	60
25324	551690	6185830	<1	45	<1	<0.1	17	10	43
25325	551700	6186420	<1	60	<1	<0.1	16	12	34
25326	551330	6186390	<1	45	<1	<0.1	14	20	44
25327	551330	6186390	<1	45	<1	<0.1	14	14	43
25328	551290	6186020	<1	55	<1	<0.1	18.5	11	56
25329	551250	6185590	<1	85	<1	<0.1	19.5	12	68
25330	552130	6185620	<1	50	<1	<0.1	16	19	45
25331	552160	6185940	<1	45	<1	<0.1	17	10	36
25332	552430	6186410	<1	45	<1	<0.1	19	14	96
25333	552500	6185890	<1	60	<1	<0.1	19.5	17	60
25334	552910	6186310	<1	55	<1	<0.1	17.5	18	64
25335	553230	6186100	<1	45	<1	<0.1	15.5	11	27
25336	553440	6185810	<1	60	<1	<0.1	19	18	56
25337	553070	6185430	<1	65	<1	<0.1	20.5	14	60
25338	553070	6185430	<1	55	<1	<0.1	19	15	60
25339	552940	6185760	<1	105	<1	<0.1	21	6	58
25340	553380	6186950	<1	80	<1	<0.1	20	21	47
25341	553240	6187210	<1	125	<1	<0.1	21.5	9	62
25342	553220	6187830	<1	45	<1	<0.1	16.5	14	54
25343	551430	6185230	<1	50	<1	<0.1	16.5	9	54
25344	550900	6185200	<1	55	<1	<0.1	15.5	24	37
25345	550810	6185660	<1	55	<1	<0.1	18	23	74
25346	550540	6185450	<1	105	<1	<0.1	19.5	18	43

SAMPLE	EAST	NORTH	Au	As	Cu	Ag	Fe	Ni	Pb
25347	550860	6185980	<1	65	<1	<0.1	17.5	12	78
25348	550350	6185330	<1	60	<1	<0.1	16	20	54
25349	550100	6185040	<1	20	<1	<0.1	11.4	13	18
25350	550390	6184710	<1	45	<1	<0.1	15.5	19	43
25351	549820	6184690	<1	20	<1	<0.1	13.5	17	22
25352	549820	6184690	1	20	<1	<0.1	15.5	17	26
25353	549650	6184360	<1	20	<1	<0.1	7.6	19	20
25354	550130	6184300	<1	55	<1	<0.1	17.5	17	50
25355	550450	6184200	<1	45	<1	<0.1	15.5	12	31
25356	550670	6184520	<1	40	<1	<0.1	15	14	33
25357	550970	6184640	<1	50	<1	<0.1	17.5	15	38
25358	551230	6184390	<1	50	<1	<0.1	17	13	41
25359	551680	6184670	<1	45	<1	<0.1	14	9	28
25360	552170	6184650	<1	50	<1	<0.1	16	13	47
25361	552030	6184240	<1	55	<1	<0.1	18.5	22	52
25362	551580	6184280	<1	55	<1	<0.1	21	18	56
25363	551490	6184000	<1	50	<1	<0.1	17	15	42
25364	551490	6184000	<1	45	<1	<0.1	16.5	17	42
25365	551920	6183730	<1	50	<1	<0.1	16.5	15	32
25366	551260	6183740	<1	60	<1	<0.1	18.5	9	37
25367	550100	6183550	<1	45	<1	<0.1	16	17	41
25368	550930	6184060	<1	50	<1	<0.1	15.5	16	41
25369	550860	6183835	<1	50	<1	<0.1	17.5	13	52
25370	550920	6184350	<1	35	<1	<0.1	16	17	45
25371	550860	6183300	<1	40	<1	<0.1	16.5	7	41
25372	550320	6182980	<1	430	<1	<0.1	28	9	52
25373	550430	6183340	<1	45	<1	<0.1	15.5	15	44
25374	549980	6183440	<1	60	<1	<0.1	19	11	34
25375	549560	6183230	<1	55	<1	<0.1	20.5	16	54
25376	549560	6183230	<1	50	<1	<0.1	19.5	15	47
25377	549060	6183240	<1	65	<1	<0.1	19.5	14	43
25378	549320	6183630	<1	10	<1	<0.1	18	8	33
25379	549520	6183920	<1	15	<1	<0.1	19.5	10	27
25380	549850	6183790	<1	30	<1	<0.1	18.5	18	44
25381	549230	6183835	<1	35	<1	<0.1	21	15	40
25382	549310	6184390	<1	40	<1	<0.1	22	20	49
25383	548750	6183540	<1	90	<1	<0.1	30	21	70
25384	548430	6183220	<1	55	<1	<0.1	19	13	41
25385	548640	6182780	<1	55	<1	<0.1	13	7	32
25386	548240	6182955	<1	60	<1	<0.1	21.5	18	50
25387	548510	6182250	<1	30	<1	<0.1	17.5	12	44
25388	549010	6182390	1	35	<1	<0.1	18.5	25	46
25389	549010	6182390	<1	35	<1	<0.1	18.5	27	47
25390	549225	6182750	<1	35	<1	<0.1	17.5	23	37
25391	549450	6182535	1	35	<1	<0.1	14	24	40
25392	549770	6182880	<1	55	<1	<0.1	19	13	45
25393	549750	6182230	<1	30	<1	<0.1	16.5	8	35
25394	550390	6182275	<1	40	<1	<0.1	19	7	40
25395	551010	6182350	<1	30	<1	<0.1	21.5	15	45
25396	551250	6182700	<1	40	<1	<0.1	12.5	18	28
25397	551720	6187500	<1	35	<1	<0.1	16	21	35
25398	551600	6182330	<1	55	<1	<0.1	19	14	41

SAMPLE	EAST	NORTH	Au	As	Cu	Ag	Fe	Ni	Pb
25399	552030	6182300	<1	50	<1	<0.1	17.5	23	49
25400	552160	6182730	<1	45	2	<0.1	20.5	22	36
25401	552160	6182730	<1	55	1	<0.1	20	24	39
25402	548000	6182290	<1	40	<1	<0.1	16.5	16	41

Appendix 2

Rockchip Data

Marble Range Rockchip Data.xls

SAMPLE	EAST	NORTH	Au	As	Cu	Ag	Pb	Zn
21215	532500	6196700	<1	<5	209.1		1.8	<0.5
21216	546200	6183000	19	<5	507.3		75.4	675.4
21217	546200	6183000	<1	20	81.9		31.8	11.4
21218	546200	6183000	<1	15	80.5		5	1.8
55013	552230	6189280	<1	<5	2	<0.1	3	<1

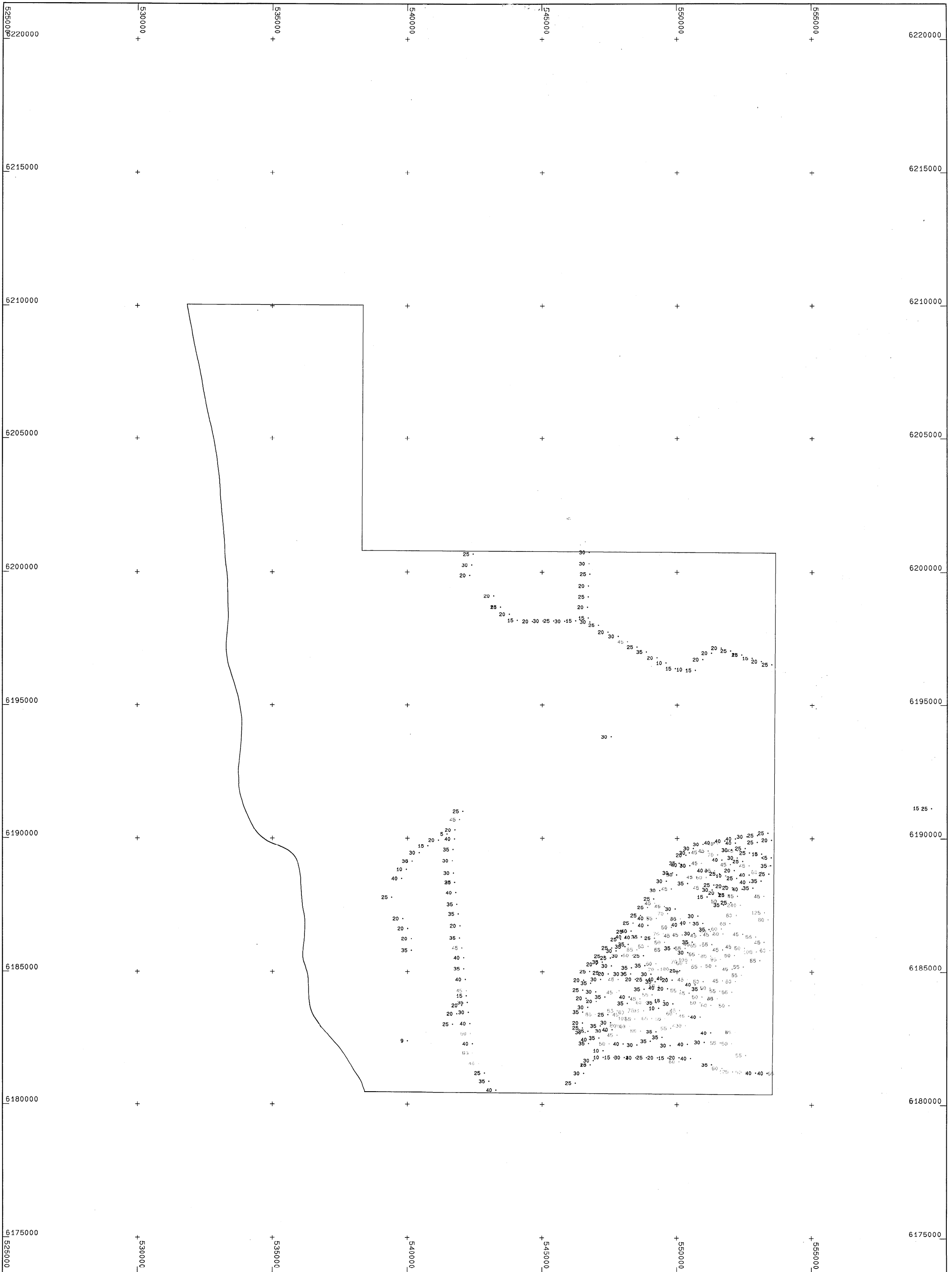
Appendix 3
Partial Leach Data

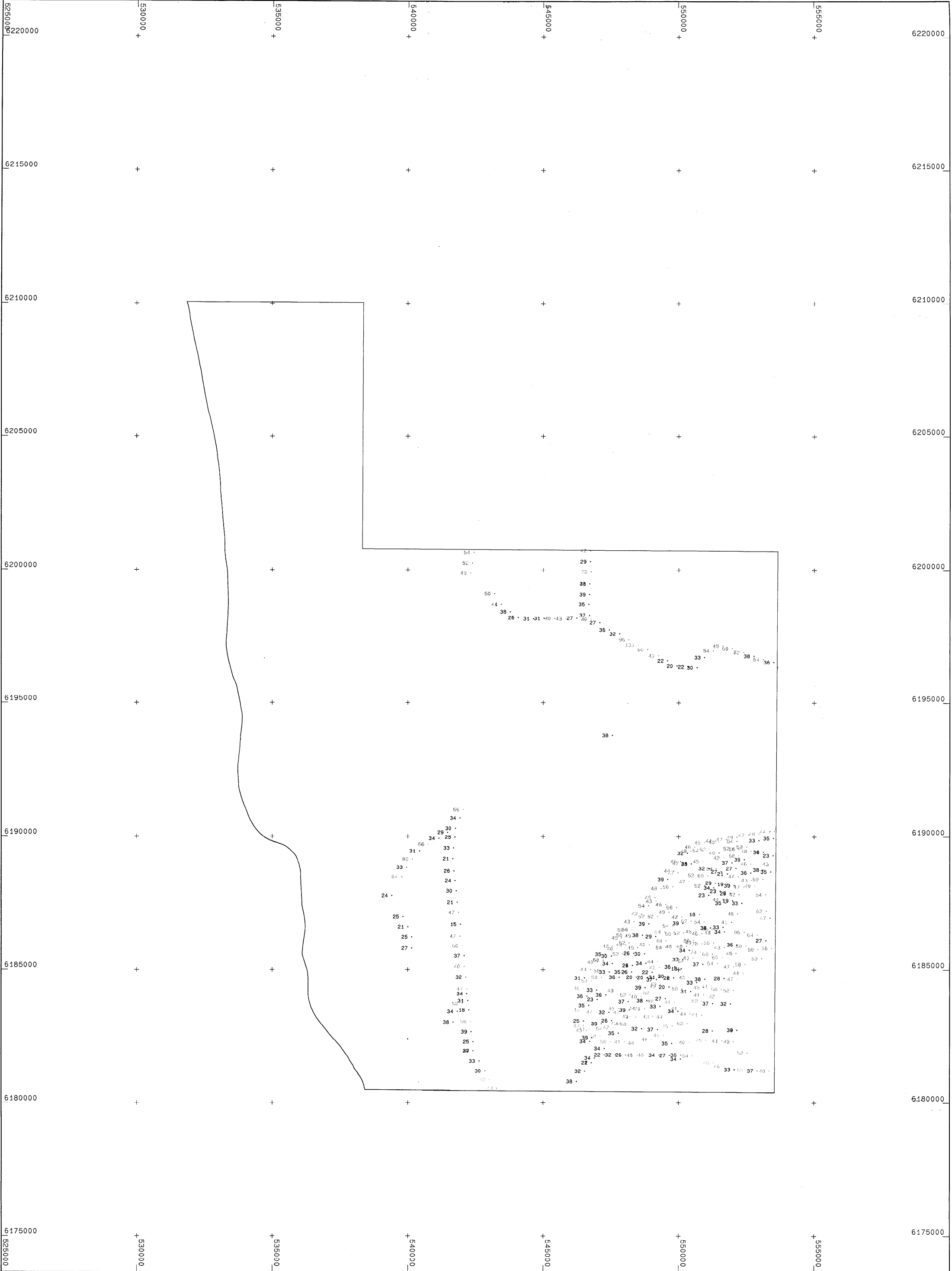
SAMPLE	EAST	NORTH	EL	PROSPECT	DATE	Au	Pt	Pd	Cu	Pb	Zn	Ag	As	Ni	U	Co
99002	546000	6133120	2319	Lady Franklyn	1/16/98	<0.01	<0.01	<0.01	1300	487	2500	0.75	12	299	1	297
99003	546050	6133120	2319	Lady Franklyn	1/16/98	<0.01	<0.01	<0.01	175	84	512	0.6	8	101	3	120
99004	546100	6133120	2319	Lady Franklyn	1/16/98	<0.01	<0.01	<0.01	112	48	1000	0.05	8	90	3	89
99005	546150	6133120	2319	Lady Franklyn	1/16/98	<0.01	<0.01	0.21	176	70	280	0.35	6	139	2	114
99006	546200	6133120	2319	Lady Franklyn	1/16/98	<0.01	<0.01	<0.01	154	38	221	0.15	5	110	2	126
99007	546250	6133120	2319	Lady Franklyn	1/16/98	<0.01	<0.01	<0.01	92	48	103	0.15	6	93	2	161
99008	545950	6133120	2319	Lady Franklyn	1/16/98	<0.01	<0.01	0.25	1000	58	389	0.55	14	1500	2	483
99009	545900	6133120	2319	Lady Franklyn	1/16/98	<0.01	<0.01	<0.01	445	44	521	0.4	12	1200	2	418
99010	545850	6133120	2319	Lady Franklyn	1/16/98	<0.01	<0.01	0.43	292	78	53000	0.35	10	283	1	143
99011	545800	6133120	2319	Lady Franklyn	1/16/98	<0.01	<0.01	0.23	464	38	205	0.2	7	339	4	569
99012	545800	6133220	2319	Lady Franklyn	1/16/98	<0.01	<0.01	<0.01	394	63	214	0.5	7	194	3	352
99013	545850	6133220	2319	Lady Franklyn	1/16/98	<0.01	<0.01	0.15	300	43	71	0.35	9	285	3	348
99014	545900	6133220	2319	Lady Franklyn	1/16/98	<0.01	<0.01	0.12	234	66	45	0.3	8	312	3	575
99015	545950	6133220	2319	Lady Franklyn	1/16/98	<0.01	<0.01	0.08	568	64	204	0.3	11	407	3	744
99016	546000	6133220	2319	Lady Franklyn	1/16/98	<0.01	<0.01	0.06	332	65	156	0.15	11	452	3	602
99017	546050	6133220	2319	Lady Franklyn	1/16/98	<0.01	<0.01	0.48	452	20	586	0.85	6	675	<1	179
99018	546100	6133220	2319	Lady Franklyn	1/16/98	<0.01	<0.01	<0.01	129	17	74	0.15	6	139	3	163
99019	546150	6133220	2319	Lady Franklyn	1/16/98	<0.01	<0.01	<0.01	203	38	261	0.45	9	116	3	153
99020	546200	6133220	2319	Lady Franklyn	1/16/98	<0.01	<0.01	<0.01	121	33	124	0.1	6	89	3	115
99021	546250	6133220	2319	Lady Franklyn	1/16/98	<0.01	<0.01	0.09	116	23	73	0.25	6	102	2	95

Cd	Bi	Mo	Sb	Ti	Se	Te	Ce	La	Nb	Na	W	Y	Zr
63	0.8	8	<1	<1	3	<1	61	28	6	31	<1	17	35
26	0.3	<1	<1	<1	2	<1	26	13	4	10	<1	8	42
15	0.2	<1	<1	<1	2	<1	36	16	2	16	<1	11	50
26	<0.1	<1	<1	<1	2	<1	38	15	<1	19	<1	8	42
17	<0.1	<1	<1	<1	4	<1	25	12	1	11	<1	9	38
10	0.5	<1	<1	<1	2	<1	34	11	<1	13	<1	10	32
23	0.3	9	<1	<1	4	<1	159	65	<1	59	<1	39	56
42	0.2	7	<1	<1	7	<1	149	45	<1	41	<1	22	50
88	<0.1	<1	<1	<1	<1	<1	71	38	<1	33	<1	18	47
3	<0.1	<1	<1	<1	3	<1	67	32	<1	33	<1	22	76
8	0.6	<1	<1	<1	2	<1	64	26	<1	37	<1	16	63
3	0.1	<1	<1	<1	3	<1	75	26	<1	32	<1	24	66
2	0.2	<1	<1	<1	3	<1	88	29	<1	44	<1	22	72
19	<0.1	<1	<1	<1	3	<1	86	33	<1	27	<1	22	63
15	<0.1	<1	<1	<1	5	<1	94	36	<1	36	<1	22	57
69	<0.1	<1	<1	<1	9	<1	21	12	<1	11	<1	6	30
4	<0.1	<1	<1	<1	<1	<1	27	17	<1	11	<1	9	43
30	<0.1	<1	<1	<1	3	<1	47	19	<1	16	<1	14	35
4	0.3	<1	<1	<1	4	<1	26	12	<1	13	<1	9	35
3	<0.1	<1	<1	<1	1	<1	23	12	<1	10	<1	7	41

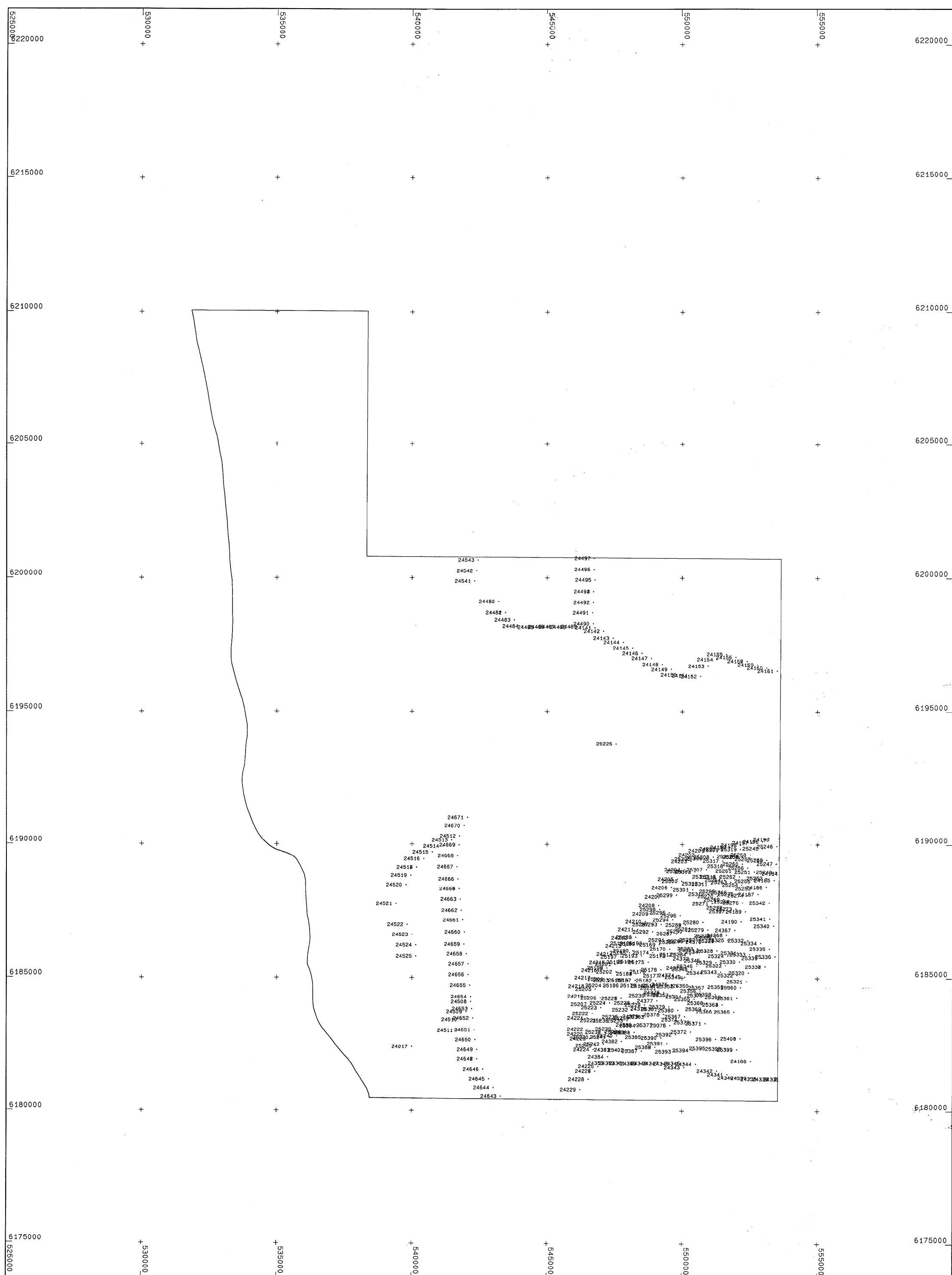
Appendix 4
Drainage BCL Data

SAMPLE	EAST	NORTH	DATE	Au	Cu	Ag
20108	541568	6182870	11/18/97	<0.1	0.08	0.7
20113	541929	6186259	11/25/97	<0.1	0.23	<0.01
20114	541945	6186708	11/25/97	<0.1	0.4	<0.01
20157	547210	6185130	2/24/98	<0.1	0.49	<0.01
20158	549930	6187350	2/24/98	<0.1	0.1	<0.01
20165	552400	6189700	3/20/98	<0.1	0.31	<0.01





			Scale 1: 50000	DATE	SHEET	Marble Range E.L. 2319 Lag geochemistry Pb (ppm)	PLATE 2 Goldstream Mining Adelaide
				@plotdate	Sheet 1 of 1		
				REF No. 1	FILE MARCPB		
							SR 16A

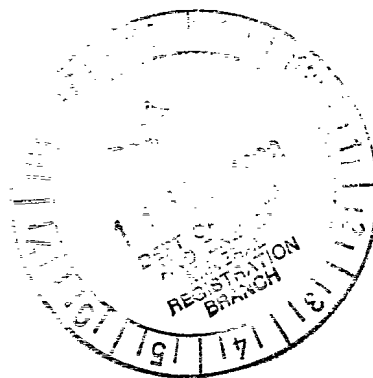


			Scale 1:50000	DATE @plotdate	SHEET Sheet 1 of 1	Marble Range E.L. 2319 Lag geochemistry Sample Numbers	PLATE 3 Goldstream Mining Adelaide
				REF No. 1	FILE MARCSAMP		

GOLDSTREAM MINING N.L.
A.C.N. 009 129 560

Partial Relinquishment Report
E.L. 2319 "MARBLE RANGE"
February 1999

Author: P. Greenhill
Date: February 1999
Copies to: PIRSA (2)
GDM – Perth
GDM – Adelaide



GDM Report No: 043

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Plate 1 : Drillhole Location Plan – Area “A”

Plate 2 : Drillhole Location Plan – Area “B”

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Appendix 1 : Drillhole Assay data

Appendix 2 : Drillhole Logs

1. Summary

Extensive cover sequences (Bridgewater Formation), have prevented conventional regolith sampling techniques being undertaken in Areas “A” and “B” of E.L 2319. A program of regolith RAB/Aircore drilling has been completed on Areas “A” and “B”. Difficult drilling conditions and no anomalous results have significantly downgraded the potential of both blocks and highlight the difficulties in exploring under thick Cainozoic transported cover sequences on western Eyre Peninsula.

2. Introduction

Exploration Licence 2319 “Marble Range” comprises three separate blocks, Areas “A”, “B” and “C”. Area A is situated approximately 15 kilometres east of Elliston, Area “B” is centred around the township of Murdinga and Area “C” is situated approximately 40 kilometres west of Port Lincoln and includes the settlements of Coultas and Warrow.

The area was identified as having potential to host granulite facies, gold deposits within the Archaean Sleaford Complex, as well as having potential for shear-hosted polymetallic Au and base metal mineralisation.

The tenement is entirely on freehold and perpetual leasehold wheat and sheep grazing properties. Access is via a regular network of all weather gravel and sealed public roads.

3. Tenure

Exploration licence 2319 “Marble Range” was granted to Goldstream Mining (“Goldstream”) on the 30th of April 1997 to explore for gold and base metals. An extension of term has been approved and the licence is now due to expire on the 29th of April 1999.

In November 1998 and January 1999 areas A and B were relinquished leaving Area C from the original grant. The total area relinquished was approximately 383 square kilometres or around 45 % of the original grant. The remaining block, “Area C” covers an area of approximately 464 square kilometres.

4. Geology

Basement rocks are not exposed within Area “A” or Area “B” however previous and current drilling, intersected Archaean granitoids, schists, komatiites and amphibolites, Proterozoic (?)Hutchison Group metasediments and Lincoln Complex Granitoids. These are overlain by varying depths (up to >75m) of Cainozoic aeolian and fluvial cover sequences including Wanilla Formation, Uley Formation, Hallet Cove Sandstone and Bridgewater Formation.

5. Previous Exploration

Stockdale Prospecting conducted detailed exploration focussed on aeromagnetic targets over much of the western Eyre Peninsula. Fifteen magnetic targets were drilled within the area now covered by Area “A” of E.L. 2319, and no significant results were returned.

There is no record of any detailed exploration being conducted on Area “B”. No previous exploration for gold has been conducted on either of the relinquished areas.

6. Current Exploration

Bridgewater Formation precluded regolith sampling within Areas “A” and “B”. Goldstream Mining commissioned Southern Geoscience Consultants to reprocess and interpret the current aeromagnetic data available for western Eyre Peninsula and to identify a range of targets for drill testing (Greenhill 1999). Two targets were identified in Area “A” and three in Area “B”. A further target within Area A was identified from previous exploration by Stockdale Prospecting who reported chalcopyrite in a drillhole at their “MH2” anomaly.

6.1 Drilling

Five drillholes for 246 m were drilled on Area A and seven holes for 400m on Area B. Holes targeted and aeromagnetic targets and anomalous base metal results reported from drilling by previous explorers. One hole failed to reach basement on Area A and two on Area B.

Drilling on Area A targeted two magnetic anomalies (MH14 and MH2) identified by Stockdale Prospecting as containing anomalous base metal results $\pm$ sulphide mineralisation. At MH 14, a single hole failed to intersect basement at 63m and was abandoned in Uley Formation. Four holes drilled at MH2 intersected schist and gneiss under an average of 28m of Cainozoic cover. Plate 1.

Drilling in Area B targeted two regional NE trending shears and a discrete magnetic “bulls-eye” anomaly. Plate 2.

A fence of six holes, (MR011-MR016), was drilled to crosscut an interpreted regional NE trending shear. Holes intersected Lincoln Complex granitoids and (?)BIF under approximately 40m of Cainozoic cover. Two holes targeted a bulls-eye anomaly in the southeast of the tenement block. One hole intersected granite (?) Lincoln Complex at 77m, the second hole failed to penetrate through the cover sequences and was abandoned at 57m.

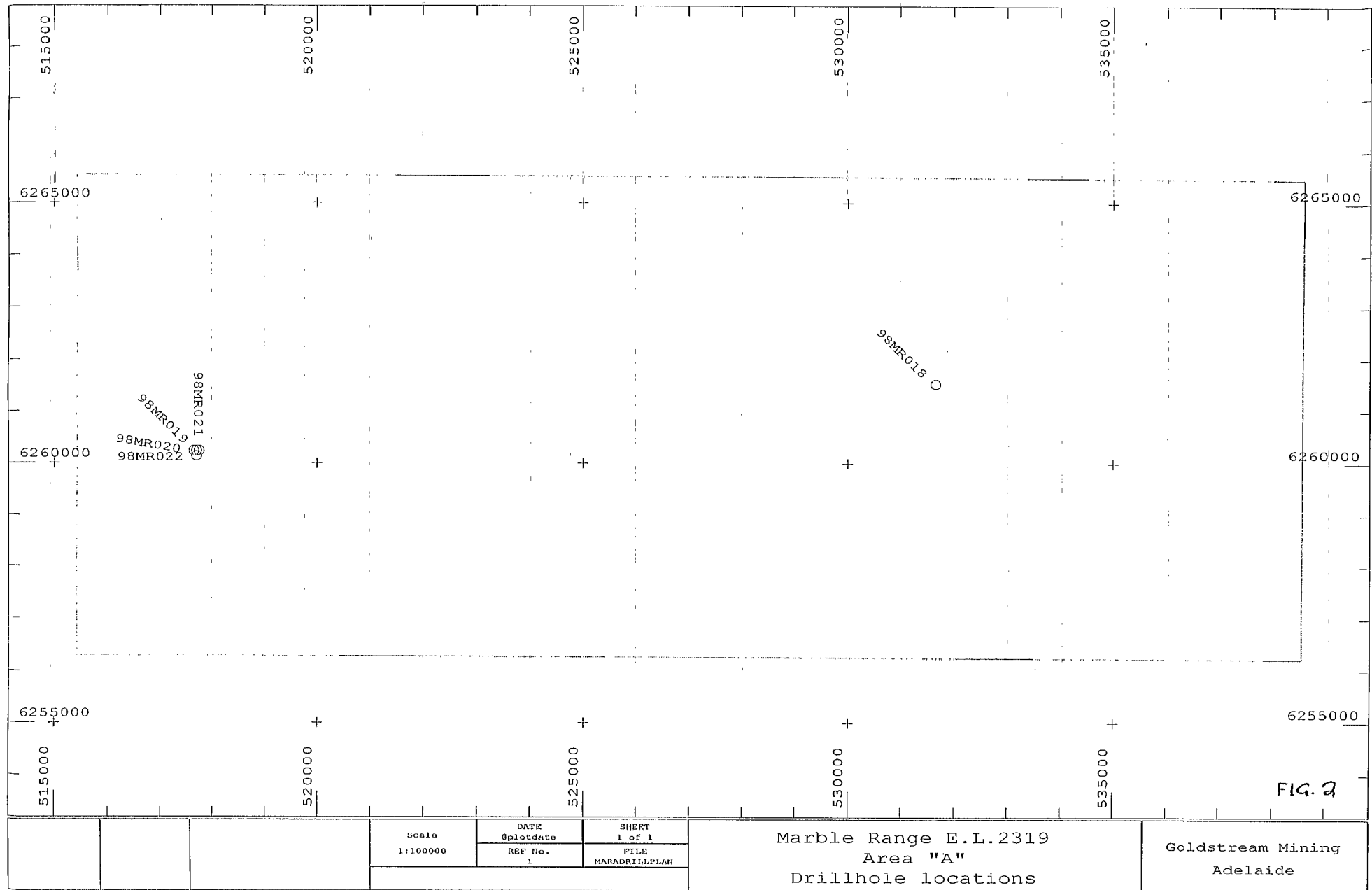
A single hole drilled to target a second regional shear was abandoned at 54m in Uley Formation. No significant results were returned from the drilling conducted on Areas “A and B”. Drill logs and assay results are included as Appendix 1.

7. Conclusions

Exploration efforts on Areas “A” and “B” of E.L. 2319 have been hampered by the lack of a suitable regolith sampling medium. Previous exploration and aeromagnetic interpretation identified a number of targets that have been drilled. No significant results were returned. This in combination with difficult regolith and drilling conditions has significantly downgraded the prospectivity of the relinquished areas.

8. References

Greenhill P. Cummins 2nd Annual Report 10th Jan 1998 – 9th Jan 1999



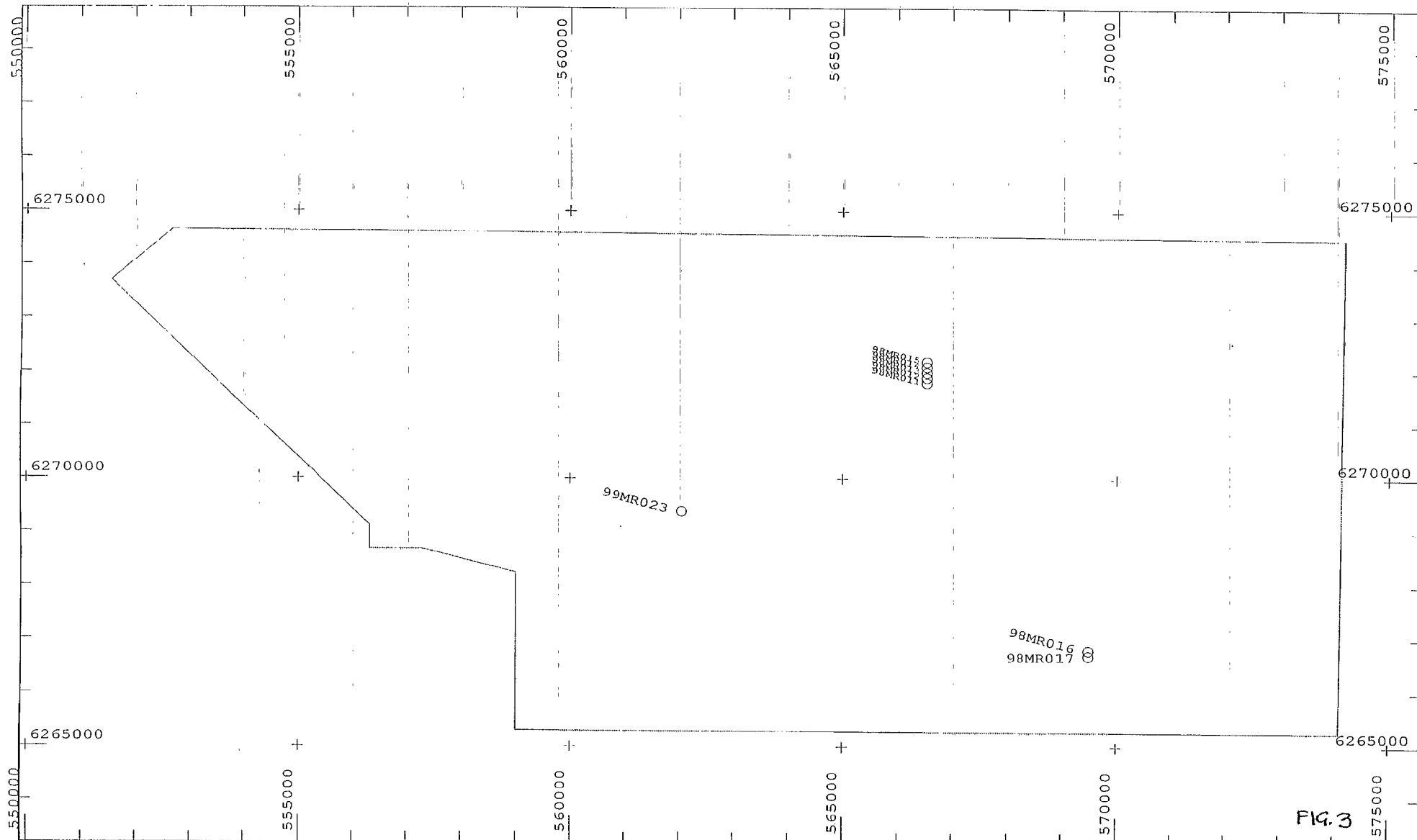


FIG. 3

			Scale 1:100000	DATE 01/01/2000	SHEET 1 of 1	Marble Range E.L.2319 Area "B" Drillhole locations	Goldstream Mining Adelaide
				REF No. 1	FILE MARBRILLPLAN		

GDM Rept 043

Appendix 1

Drillhole Assay Data

Tenement	EL No.	Prospect	Drillhole No	Sample No	Dpth From	Dpth To	Au (ppb)	As (ppm)	Cu (ppm)	Ag (ppb)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Marble Range	2319	Area B	98MR011	14077	0	10	2	<5	4	<0.1	7	6	11
Marble Range	2319	Area B	98MR011	14078	10	20	2	5	1	<0.1	4	2	1
Marble Range	2319	Area B	98MR011	14079	20	30	2	30	2	<0.1	3	25	5
Marble Range	2319	Area B	98MR011	14080	30	35	2	<5	2	<0.1	3	8	<1
Marble Range	2319	Area B	98MR011	14081	35	40	2	<5	2	<0.1	6	7	6
Marble Range	2319	Area B	98MR011	14082	40	45	1	<5	1	<0.1	6	6	3
Marble Range	2319	Area B	98MR011	14083	45	50	<1	<5	3	<0.1	9	6	9
Marble Range	2319	Area B	98MR011	14084	50	55	<1	<5	3	<0.1	11	8	88
Marble Range	2319	Area B	98MR011	14085	55	60	2	<5	6	<0.1	27	9	66
Marble Range	2319	Area B	98MR011	14086	60	65	1	<5	3	<0.1	10	7	43
Marble Range	2319	Area B	98MR011	14087	65	70	<1	<5	5	<0.1	24	7	135
Marble Range	2319	Area B	98MR011	14088	70	75	2	<5	4	<0.1	31	5	130
Marble Range	2319	Area B	98MR011	14089	75	78	<1	<5	5	<0.1	22	7	180
Marble Range	2319	Area B	98MR012	14090	0	10	2	<5	4	<0.1	6	5	12
Marble Range	2319	Area B	98MR012	14091	10	20	<1	10	<1	<0.1	<1	2	3
Marble Range	2319	Area B	98MR012	14092	20	30	2	30	5	<0.1	4	17	4
Marble Range	2319	Area B	98MR012	14093	30	35	1	<5	6	<0.1	2	9	1
Marble Range	2319	Area B	98MR012	14094	35	40	1	<5	2	<0.1	9	7	3
Marble Range	2319	Area B	98MR012	14095	40	45	2	<5	2	<0.1	8	8	10
Marble Range	2319	Area B	98MR012	14096	45	48	<1	5	8	<0.1	9	8	6
Marble Range	2319	Area B	98MR013	14097	0	10	<1	<5	2	<0.1	4	2	3
Marble Range	2319	Area B	98MR013	14098	10	20	<1	10	<1	<0.1	3	2	3
Marble Range	2319	Area B	98MR013	14099	20	30	1	55	2	<0.1	2	21	1
Marble Range	2319	Area B	98MR013	14100	30	35	2	5	2	<0.1	2	9	4
Marble Range	2319	Area B	98MR013	14101	35	40	<1	5	3	<0.1	2	7	<1
Marble Range	2319	Area B	98MR013	14102	40	45	<1	<5	3	<0.1	5	7	16
Marble Range	2319	Area B	98MR014	14103	0	10	1	<5	1	<0.1	8	2	2
Marble Range	2319	Area B	98MR014	14104	10	20	<1	20	3	<0.1	3	4	3
Marble Range	2319	Area B	98MR014	14105	20	30	1	35	4	<0.1	4	30	1
Marble Range	2319	Area B	98MR014	14106	30	35	1	5	4	<0.1	18	17	4
Marble Range	2319	Area B	98MR014	14107	35	40	1	<5	5	<0.1	11	11	12
Marble Range	2319	Area B	98MR014	14108	40	45	2	<5	5	<0.1	6	8	5
Marble Range	2319	Area B	98MR014	14109	45	50	1	<5	4	<0.1	5	9	5

Tenement	EL No.	Prospect	Drillhole No.	Sample No.	Dpth From	Dpth To	Au (ppb)	As (ppm)	Cu (ppm)	Ag (ppb)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Marble Range	2319	Area B	98MR015	14110	0	10	<1	<5	2	<0.1	9	6	8
Marble Range	2319	Area B	98MR015	14111	10	20	1	15	4	<0.1	8	13	4
Marble Range	2319	Area B	98MR015	14112	20	30	1	<5	3	<0.1	33	13	26
Marble Range	2319	Area B	98MR015	14113	30	35	1	<5	4	<0.1	33	14	36
Marble Range	2319	Area B	98MR015	14114	35	40	1	5	1	<0.1	28	8	36
Marble Range	2319	Area B	98MR015	14115	40	43	1	<5	1	<0.1	90	6	46
Marble Range	2319	Area B	98MR016	14116	0	10	1	<5	4	<0.1	11	3	4
Marble Range	2319	Area B	98MR016	14117	10	20	1	35	1	<0.1	7	22	3
Marble Range	2319	Area B	98MR016	14118	20	30	1	20	3	<0.1	13	12	13
Marble Range	2319	Area B	98MR016	14119	30	40	<1	20	2	<0.1	7	11	9
Marble Range	2319	Area B	98MR016	14120	40	50	1	<5	2	<0.1	7	8	6
Marble Range	2319	Area B	98MR016	14121	50	60	<1	5	<1	<0.1	3	8	6
Marble Range	2319	Area B	98MR016	14122	60	70	<1	<	2	<0.1	8	8	2
Marble Range	2319	Area B	98MR016	14123	70	79	1	5	7	<0.1	7	15	13
Marble Range	2319	Area B	98MR017	14124	0	10	<1	5	2	<0.1	5	5	6
Marble Range	2319	Area B	98MR017	14125	10	20	1	10	1	<0.1	4	6	<1
Marble Range	2319	Area B	98MR017	14126	20	30	<1	20	4	<0.1	6	14	<1
Marble Range	2319	Area B	98MR017	14127	30	40	1	20	1	<0.1	12	14	11
Marble Range	2319	Area B	98MR017	14128	40	50	3	<5	2	<0.1	3	7	4
Marble Range	2319	Area B	98MR017	14129	50	57	1	<5	1	<0.1	6	13	4
Marble Range	2319	Area A	98MR018	14146	0	10	<1	<5	2	<0.1	5	<1	2
Marble Range	2319	Area A	98MR018	14147	10	20	<1	<5	3	<0.1	10	5	10
Marble Range	2319	Area A	98MR018	14148	20	30	<1	5	<1	<0.1	7	5	3
Marble Range	2319	Area A	98MR018	14149	30	40	<1	<5	2	<0.1	10	5	3
Marble Range	2319	Area A	98MR018	14150	40	50	1	10	<1	<0.1	7	5	2
Marble Range	2319	Area A	98MR018	14151	50	60	<1	5	2	<0.1	14	6	6
Marble Range	2319	Area A	98MR018	14152	60	63	<1	5	5	<0.1	13	5	7
Marble Range	2319	Area A	98MR019	14153	0	10	<1	<5	<1	<0.1	5	<1	<1
Marble Range	2319	Area A	98MR019	14154	10	20	<1	<5	<1	<0.1	6	3	2
Marble Range	2319	Area A	98MR019	14155	20	30	1	5	3	<0.1	10	5	6
Marble Range	2319	Area A	98MR019	14156	30	35	<1	10	7	<0.1	41	2	49
Marble Range	2319	Area A	98MR019	14157	35	40	2	<5	6	<0.1	62	2	46
Marble Range	2319	Area A	98MR019	14158	40	45	<1	<5	6	<0.1	58	2	35

Tenement	EL No.	Prospect	Drillhole No.	Sample No.	Dpth:From	Dpth To	Au.(ppb)	As.(ppm)	Cu.(ppm)	Ag (ppb)	Ni.(ppm)	Pb (ppm)	Zn (ppm)
Marble Range	2319	Area A	98MR019	14159	45	50	1	<5	4	<0.1	58	4	32
Marble Range	2319	Area A	98MR019	14160	50	53	<1	15	5	<0.1	58	2	27
Marble Range	2319	Area A	98MR020	14161	0	10	<1	<5	<1	<0.1	6	<1	<1
Marble Range	2319	Area A	98MR020	14162	10	20	<1	<5	2	<0.1	6	<1	5
Marble Range	2319	Area A	98MR020	14163	20	25	<1	<5	<1	<0.1	5	4	4
Marble Range	2319	Area A	98MR020	14164	25	30	<1	<5	3	<0.1	16	6	13
Marble Range	2319	Area A	98MR020	14165	30	33	1	<5	7	<0.1	29	6	42
Marble Range	2319	Area A	98MR021	14166	0	10	1	<5	<1	<0.1	3	1	2
Marble Range	2319	Area A	98MR021	14167	10	20	1	<5	1	<0.1	4	4	4
Marble Range	2319	Area A	98MR021	14168	20	25	<1	<5	2	<0.1	<1	4	<1
Marble Range	2319	Area A	98MR021	14169	25	30	1	10	19	<0.1	20	10	17
Marble Range	2319	Area A	98MR021	14170	30	35	2	10	27	<0.1	19	15	23
Marble Range	2319	Area A	98MR021	14171	35	40	<1	5	88	<0.1	145	14	200
Marble Range	2319	Area A	98MR021	14172	40	45	<1	5	37	<0.1	70	9	135
Marble Range	2319	Area A	98MR021	14173	45	50	<1	<	21	<0.1	43	5	72
Marble Range	2319	Area A	98MR021	14174	50	53	2	5	19	<0.1	27	5	44
Marble Range	2319	Area A	98MR022	14175	0	10	<1	<5	<1	<0.1	4	<1	4
Marble Range	2319	Area A	98MR022	14176	10	20	<1	<5	<1	<0.1	2	<1	4
Marble Range	2319	Area A	98MR022	14177	20	30	1	<5	<1	<0.1	7	8	3
Marble Range	2319	Area A	98MR022	14178	30	35	<1	5	2	<0.1	4	8	4
Marble Range	2319	Area A	98MR022	14179	35	40	<1	105	29	<0.1	19	15	43
Marble Range	2319	Area A	98MR022	14180	40	44	1	115	10	<0.1	18	11	30
Marble Range	2319	Area 'B'	99MR023	14793	0	10	X	X	8			5	22
Marble Range	2319	Area 'B'	99MR023	14794	10	20	X	X	6			2	2
Marble Range	2319	Area 'B'	99MR023	14795	20	30	X	40	13			7	4
Marble Range	2319	Area 'B'	99MR023	14796	30	40	X	5	6			3	4
Marble Range	2319	Area 'B'	99MR023	14797	40	50	X	5	8			4	4
Marble Range	2319	Area 'B'	99MR023	14798	50	54	X	X	6			5	25

Appendix 2
Drillhole Logs
98MR011 to 99MR022

Goldstream Mining

Drill Logging Codes: Summary

Igneous (non-extrusive)

Gdl- dolerite
Ggd- granodiorite
Ggu- granitic rock (undifferentiated)
Gmu- mafic rock (undifferentiated)
Gpg- pegmatite
Gum- ultramafic general
Gfu - felsic rock (undifferentiated)
Gry - rhyolite

Metamorphic

Mgn- gneiss
Msc- schist
Mam - amphibolite
Mms - schist

Sediments- Clastic

Ssn- sandstone
Ssl- siltstone
Sqt - quartzite
Scy - claystone
Smd - mudstone
~~Sar- arenite~~

Sediments - Chemical

Sjs - jaspilite/jasper
Sil - iron formation silica facies

Volcanics

Vrd- rhyodacitic volcanic
Yry- rhyolite volcanic
Vbs - basalt
Vum - ultramafic volcanic
Vvm- mafic volcanic
Try - rhyolitic tuff
Vvf - felsic volcanic

Regolith & Overburden

Occ- calcrete
Ocy- clay
Ofc- ferricrete
Ogv- gravel
Osn- sand (unconsolidated)
Ost- silcrete
cy - clay general
Ohp - hardpan
Osu - soil general
~~Oou - overburden general~~
Oln - lignite

Other

Ind- indurated
ox- oxidised
pal- pallid
sap- saprolitic
shd- sheared
sl- slightly
st- strongly
tr- trace
bnd- bedded/banded
Rku - rock general
pyc- pyroclastic
por - porphyritic/phenocrysts
mod - moderately
hpn - hardpan
wk - weak
Vqz - quartz vein

Mineral Names

apy- arsenopyrite
bi- biotite
cl- chlorite
fx- feldspar
gn- garnet
he- haematite
li- limonite
nt- nontronite
py-pyrite
qz- quartz
se/sr/ser- sericite
ep- epidote
fe - iron
go - goethite
gy - gypsum
si - silica
fl - fluorite
gr/gf - graphite
ck - chalcedony

Alteration

acl- chlorite alteration
he alt- haematite alteration
ep alt- epidote alteration
asr - sericite alteration

Weathering

Whl- highly weathered
Wmd- moderately weathered
Wsl- slightly weathered
Frs- fresh

Colour

A- grey
B- brown
G- green
I- pink
L- olive
N- black
O- orange
P- purple
R- red
U- blue
W- white
Y- yellow

Strength/Shade

1- very pale
2- pale
3- light
4- medium light
5- moderate
6- dusky
7- very dusky
8- dark
9- very dark

HOLE NO. : 98 MR 011

Tenement name/no: Marble Range (B) Prospect: Regional

Type: Aircore

Location : E 566550 N 6271800

Elevation: T.D.....78m

Azimuth/Inclination: - / - 90°

Logged by: P.G.

Date: 3/10/1998

From	To	Geology	Weathering	Sample	Au	Lithology
0	1	Osn Occ				Oou
1	2	ca Sar (Bridgewater Fm)				Oou
2	3	ca Sar (Bridgewater Fm)		14077		Oou
3	4	fe Ocy				Oou
4	5	fe Ocy				Oou
5	6	fe Ocy				Oou
6	7	fe Ocy				Oou
7	8	fe Ocy				Oou
8	9	fe Ocy				Oou
9	10	fe Ocy		x		Oou
10	11	qz li Ssn / Osn				Oou
11	12	qz li Ssn / Osn				Oou
12	13	qz li Ssn / Osn				Oou
13	14	qz li Ssn / Osn				Oou
14	15	qz li Ssn / Osn		14078		Oou
15	16	qz li Ssn / Osn				Oou
16	17	qz li Ssn / Osn				Oou
17	18	he qz Osn / Ocy				Oou
18	19	he qz Osn / Ocy				Oou
19	20	he qz Osn / Ocy		x		Oou
20	21	he qz Osn / Ocy				Oou
21	22	he qz Osn / Ocy				Oou
22	23	fe Ocy				Oou
23	24	fe Ocy				Oou
24	25	fe Ocy		14079		Oou
25	26	fe Ocy				Oou
26	27	qz Ogv				qz Ogv
27	28	qz Ogv				qz Ogv
28	29	qz Ogv				qz Ogv
29	30	qz Ogv				qz Ogv

HOLE NO. : 98 MR 011

From	To	Geology	Weathering	Sample	Au	Lithology
30	31	RAB qz Ogv				qz Ogv
31	32	qz Ogv				qz Ogv
32	33	qz Ogv		14080		qz Ogv
33	34	qz Ogv				qz Ogv
34	35	qz Ogv $\pm$ sed' pyrite		x		qz Ogv
35	36	qz Ogv $\pm$ sed' pyrite				qz Ogv
36	37	qz Ogv $\pm$ sed' pyrite				qz Ogv
37	38	qz Ogv $\pm$ sed' pyrite		14081		qz Ogv
38	39	qz Ogv $\pm$ sed' pyrite				qz Ogv
39	40	qz Ogv $\pm$ fx $\pm$ pyrite		x		qz Ogv
40	41	qz Ogv $\pm$ fx $\pm$ pyrite				qz Ogv
41	42	qz Ogv $\pm$ fx $\pm$ pyrite				qz Ogv
42	43	qz Ogv $\pm$ fx $\pm$ pyrite		14082		qz Ogv
43	44	qz Ogv $\pm$ fx $\pm$ pyrite				qz Ogv
44	45	qz Ogv $\pm$ fx $\pm$ pyrite		x		qz Ogv
45	46	qz Ogv $\pm$ fx $\pm$ pyrite				qz Ogv
46	47	qz Ogv $\pm$ fx $\pm$ pyrite				qz Ogv
47	48	qz fx Ogv cl (?) sap G6		14083		Ggu sap
48	49	Aircore qz fx Ogv cl (?) sap				Ggu sap
49	50	cl qz fx Ggu sap		x		Ggu sap
50	51	cl qz fx Ggu sap				Ggu sap
51	52	cl qz fx Ggu sap				Ggu sap
52	53	cl qz fx Ggu sap		14084		Ggu sap
53	54	cl qz fx Ggu sap				Ggu sap
54	55	cl qz fx Ggu sap		x		Ggu sap
55	56	cl qz fx Ggu sap				Ggu sap
56	57	cl qz fx Ggu sap				Ggu sap
57	58	cl qz fx Ggu sap		14085		Ggu sap
58	59	cl qz fx Ggu sap				Ggu sap
59	60	qz fx cl Ggu	Whl	x		Ggu
60	61	qz fx cl Ggu	Whl			Ggu
61	62	qz fx cl Ggu	Whl			Ggu
62	63	qz fx cl Ggu	Whl	14086		Ggu
63	64	cl bi Msc (?) Gmu G8	Wmd			Ggu
64	65	cl bi Msc (?) Gmu G8	Wmd	x		Ggu

HOLE NO. : 98 MR 011

From	To	Geology	Weathering	Sample	Au	Lithology
65	66	cl bi Msc (?) Gmu G8	Wmd			Ggu
66	67	acl (?) qz fx Ggu G8	Wmd			Ggu
67	68	acl (?) qz fx Ggu G8	Wmd	14087		Ggu
68	69	acl (?) qz fx Ggu G8	Wmd			Ggu
69	70	fe li qz fx cl bi Ggu(?) G8	Wsl	x		Ggu
70	71	fe li qz fx cl bi Ggu(?) G8	Wsl			Ggu
71	72	fe li qz fx cl bi Ggu(?) G8	Wsl			Ggu
72	73	fe li qz fx cl bi Ggu(?) G8	Wsl	14088		Ggu
73	74	fe li qz fx cl bi Ggu(?) G8	Wsl			Ggu
74	75	fe li qz fx cl bi Ggu(?) G8	Wsl	x		Ggu
75	76	acl qz fx cl bi Ggu OG7	Wsl			Ggu
76	77	acl qz fx cl bi Ggu OG7	Wsl	14089		Ggu
77	78	qz fx bi cl Ggu OW7	Wsl			Ggu
78	79	Blade refusal @ 78.0m				
79	80					
80	81					
81	82					
82	83					
83	84					
84	85					
85	86					
86	87					
87	88					
88	89					
89	90					
90	91					
91	92					
92	93					
93	94					
94	95					
95	96					
96	97					
97	98					
98	99					
99	100					

HOLE NO. : 98 MR 012

Tenement name/no: Marble Range (B) Prospect: Regional

Type: Aircore

Location : E 566550 N 6271900

Elevation: T.D.....48m

Azimuth/Inclination: - / - 90°

Logged by: P.G.

Date: 4/10/1998

From	To	Geology	Weathering	Sample	Au	Lithology
0	1	H Osn Bridgewater Fm				Oou
1	2	H Bridgewater Fm				Oou
2	3	H Bridgewater Fm		14090		Oou
3	4	H fe Ocy / 'BFM'				Oou
4	5	H fe Ocy				Oou
5	6	Ofc				Oou
6	7	Ofc Ssn				Oou
7	8	fe Ssn/Osn				Oou
8	9	fe Ssn/Osn				Oou
9	10	fe Ssn/Osn		x		Oou
10	11	fe Ssn/Osn				Oou
11	12	fe Ssn/Osn				Oou
12	13	fe Ssn/Osn		14091		Oou
13	14	fe Ssn/Osn				Oou
14	15	fe Osn / Ssn				Oou
15	16	fe Osn / Ssn				Oou
16	17	fe Osn / Ssn				Oou
17	18	fe Osn / Ssn				Oou
18	19	he Ssn / Ofc				Oou
19	20	he Ssn / Ofc		x		Oou
20	21	he Ssn				Oou
21	22	he Ssn				Oou
22	23	qz Ocy pal				Oou
23	24	fe qz Ocy pal				Oou
24	25	fe qz Ocy pal		14092		Oou
25	26	fe qz Ocy pal				Oou
26	27	qz Ssn / Osn				Oou
27	28	qz Ssn / Osn				Oou
28	29	qz Ssn / Osn				Oou
29	30	Ggu (?) sap pal				Ggu sap

HOLE NO. : 98 MR 012

From	To	Geology	Weathering	Sample	Au	Lithology
30	31	Ggu sap pal				Ggu sap
31	32	Ggu sap pal				Ggu sap
32	33	Ggu sap pal		14093		Ggu sap
33	34	Ggu sap pal				Ggu sap
34	35	Ggu sap pal		x		Ggu sap
35	36	Ggu sap pal				Ggu sap
36	37	Ggu sap pal				Ggu sap
37	38	Ggu sap pal		14094		Ggu sap
38	39	qz fx bi (?) Ggu	Whl			Ggu
39	40	qz fx bi (?) Ggu	Whl	x		Ggu
40	41	qz fx bi (?) Ggu	Whl			Ggu
41	42	qz fx bi (?) Ggu	Whl	14095		Ggu
42	43	qz fx cl bi Ggu	Whl			Ggu
43	44	qz fx cl bi Ggu	Wmd			Ggu
44	45	qz fx cl bi Ggu	Wmd	x		Ggu
45	46	qz fx cl Ggu OI6	Wsl	14096		Ggu
46	47	qz fx cl Ggu OI6	Wsl			Ggu
47	48	qz fx cl Ggu GOI5	Wsl			Ggu
48	49	Hole terminated @ 48.0m				
49	50					
50	51					
51	52					
52	53					
53	54					
54	55					
55	56					
56	57					
57	58					
58	59					
59	60					
60	61					
61	62					
62	63					
63	64					
64	65					

HOLE NO. : 98 MR 013

Tenement name/no: Marble RangeProspect: RegionalType: Aircore

Location : E 566550 N 6272000Elevation: T.D.....45m

Azimuth/Inclination: - / - 90°Logged by: P.G.Date: 4/10/1998

From	To	Geology	Weathering	Sample	Au	Lithology
0	1	B Osn BFM (ca Sar)				BFM
1	2	B BFM				BFM
2	3	BFM				BFM
3	4	ca Sar		14097		BFM
4	5	qz Ssn				qz Ssn
5	6	qz Ssn				qz Ssn
6	7	qz Ssn				qz Ssn
7	8	qz Ssn				qz Ssn
8	9	qz Ssn				qz Ssn
9	10	qz Ssn / Ocy		x		qz Ssn
10	11	qz Ssn				qz Ssn
11	12	qz Ssn				qz Ssn
12	13	qz Ssn				qz Ssn
13	14	qz Ssn		14098		qz Ssn
14	15	qz Ssn				qz Ssn
15	16	qz Ssn				qz Ssn
16	17	qz Ssn				qz Ssn
17	18	qz Ssn				qz Ssn
18	19	qz Ssn				qz Ssn
19	20	qz Ssn		x		qz Ssn
20	21	qz Ssn				qz Ssn
21	22	qz Ssn Ofc				Ofc
22	23	qz Ssn Ofc				Ofc
23	24	qz Ssn Ofc				Ofc
24	25	fe Ocy		14099		Ocy
25	26	li Ocy				Ocy
26	27	li Ocy				Ocy
27	28	In Ocy				In Ocy
28	29	In Ocy				In Ocy
29	30	In Ocy				In Ocy

HOLE NO. : 98 MR 013

From	To	Geology	Weathering	Sample	Au	Lithology
30	31	fe qz Ocy				Ocy
31	32	qz Ocy				Ocy
32	33	qz Ocy		14100		Ocy
33	34	qz Ocy				Ocy
34	35	qz Ocy		x		Ocy
35	36	qz Ocy Ssn				Ocy
36	37	qz Ggu sap pal				Ggu sap
37	38	qz fx Ggu sap pal		14101		Ggu sap
38	39	qz fx Ggu sap pal				Ggu sap
39	40	qz fx bi (?) Ggu IA6	Wmd	x		Ggu
40	41	qz fx bi (?) Ggu	Wmd			Ggu
41	42	qz fx bi (?) Ggu	Wsl			Ggu
42	43	qz fx bi (?) Ggu	Wsl	14103		Ggu
43	44	qz fx bi Ggu OR6	Wsl			Ggu
44	45	acl (?) qz fx bi cl Ggu GOR6	Wsl	x		Ggu
45	46	Hole terminated @ 45.0m				
46	47					
47	48					
48	49					
49	50					
50	51					
51	52					
52	53					
53	54					
54	55					
55	56					
56	57					
57	58					
58	59					
59	60					
60	61					
61	62					
62	63					
63	64					
64	65					

HOLE NO. : 98 MR 014

Tenement name/no: Marble RangeProspect: RegionalType: Aircore

Location : E 566550 N 6272100Elevation: T.D.....50m

Azimuth/Inclination: - / - 90°Logged by: P.G.Date: 5/10/1998

From	To	Geology	Weathering	Sample	Au	Lithology
0	1	Os / Bridgewater Fm				Oou
1	2	Bfm' / ca Sar				Oou
2	3	ca Sar		14103		Oou
3	4	ca Sar				Oou
4	5	ca Sar		x		Oou
5	6	ca Sar				Oou
6	7	ca Sar				Oou
7	8	qz fe ocy				Oou
8	9	Inject qz fe ocy				Oou
9	10	Inject qz fe ocy		x		Oou
10	11	Inject qz fe ocy				Oou
11	12	Inject qz fe ocy				Oou
12	13	qz fe ocy				Oou
13	14	qz fe ocy				Oou
14	15	qz fe ocy		14104		Oou
15	16	qz fe ocy				Oou
16	17	qz fe ocy				Oou
17	18	qz fe ocy				Oou
18	19	qz fe ocy				Oou
19	20	qz fe ocy		x		Oou
20	21	qz fe ocy				Oou
21	22	qz fe ocy				Oou
22	23	qz fe ocy				Oou
23	24	qz fe ocy				Oou
24	25	qz fe ocy		14105		Oou
25	26	In Ocy				In Ocy
26	27	In Ocy				In Ocy
27	28	In Ocy				In Ocy
28	29	In Ocy				In Ocy
29	30	In Ocy				In Ocy

HOLE NO. : 98 MR 014

From	To	Geology		Weathering	Sample	Au	Lithology
30	31	Inject	Oln / In Ocy				In Ocy
31	32	Inject	Oln / In Ocy				In Ocy
32	33	Inject	Oln / In Ocy		14106		In Ocy
33	34	Inject	Oln / In Ocy				In Ocy
34	35		Ggu sap pal		x		Ggu sap
35	36	Dry	Ggu sap pal				Ggu sap
36	37	Dry	Ggu sap pal				Ggu sap
37	38	Dry	Ggu sap pal		14107		Ggu sap
38	39		Ggu sap pal				Ggu sap
39	40		Ggu sap pal		x		Ggu sap
40	41		Ggu sap pal				Ggu sap
41	42		Ggu sap pal				Ggu sap
42	43		qz fx Ggu	Wmd			Ggu
43	44		qz fx Ggu	Wmd	14108		Ggu
44	45	Inject	qz fx Ggu	Wmd	x		Ggu
45	46	Inject	qz fx Ggu	Wmd			Ggu
46	47	Inject	qz fx Ggu	Wmd			Ggu
47	48	Dry	qz fx Ggu IO7	Wsl	14109		Ggu
48	49		IO7	Wsl			Ggu
49	50		ahe (?) qz fx Ggu (Vry? BP7	Wsl	x		Ggu
50	51	Blade refusal @ 50.0m					
51	52						
52	53						
53	54						
54	55						
55	56						
56	57						
57	58						
58	59						
59	60						
60	61						
61	62						
62	63						
63	64						
64	65						

HOLE NO. : 98 MR 015

Tenement name/no: Marble Range

Prospect: Regional

Type: Aircore

Location : E 566550 N 6272200

Elevation:

T.D.....43m

Azimuth/Inclination: - / - 90°

Logged by: P.G.

Date: 5/10/1998

From	To	Geology	Weathering	Sample	Au	Lithology
0	1	Osn fe Ocy				Oou
1	2	fe Ocy				Oou
2	3	fe Ocy ca Sar				Oou
3	4	ca Sar		14110		Oou
4	5	ca Sar				Oou
5	6	ca Sar Ofc				Oou
6	7	Inject qz fe Ocy pal				Oou
7	8	Inject qz fe Ocy pal				Oou
8	9	Inject qz fe Ocy pal				Oou
9	10	qz fe Ocy pal		x		Oou
10	11	qz fe Ocy pal				Oou
11	12	qz fe Ocy pal				Oou
12	13	qz fe Ocy pal				Oou
13	14	qz fe Ocy pal		14111		Oou
14	15	qz fe Ocy pal				Oou
15	16	qz fe Ocy pal				Oou
16	17	qz fe Ocy pal				Oou
17	18	qz fe Ocy pal				Oou
18	19	qz fe Ocy pal				Oou
19	20	qz fe Ocy pal		x		Oou
20	21	qz fe Ocy pal				Oou
21	22	Oln In Ocy				In Ocy
22	23	Oln In Ocy				In Ocy
23	24	Oln In Ocy				In Ocy
24	25	Oln In Ocy		14112		In Ocy
25	26	Oln In Ocy				In Ocy
26	27	Oln In Ocy				In Ocy
27	28	qz Ogv ± sulphide A6				qz Ogv
28	29	qz Ogv + sulphide A6				qz Ogv
29	30	qz Ogv + sulphide A6				qz Ogv

HOLE NO. : 98 MR 015

From	To	Geology	Weathering	Sample	Au	Lithology
30	31	qz Ogv ± pyrite				qz Ogv
31	32	qz Ogv + pyrite				qz Ogv
32	33	qz Ogv + pyrite				qz Ogv
33	34	qz Ogv + pyrite		14113		qz Ogv
34	35	qz Ogv Ocy		x		qz Ogv
35	36	qz Ocy (?) sap				qz Ogv
36	37	qz Ocy (?) sap				qz Ogv
37	38	qz Ogv Ocy		14114		qz Ogv
38	39	qz Ogv Ocy				qz Ogv
39	40	qz Ogv Ocy		x		qz Ogv
40	41	qz Ogv ± pyrite				qz Ogv
41	42	qz Ogv ± pyrite				qz Ogv
42	43	qz Ogv Sif Sjs		14115		Sif
43	44	Hole abandoned @ 43.0m				
44	45			x		
45	46					
46	47					
47	48					
48	49					
49	50					
50	51					
51	52					
52	53					
53	54					
54	55					
55	56					
56	57					
57	58					
58	59					
59	60					
60	61					
61	62					
62	63					
63	64					
64	65					

HOLE NO. : 98 MR 016

Tenement name/no: Marble Range

Prospect: Regional

Type: Aircore

Location : E 569500 N 6266800

Elevation:

T.D.....79m

Azimuth/Inclination: - / - 90°

Logged by: P.G.

Date: 5/10/1998

From	To	Geology	Weathering	Sample	Au	Lithology
0	1	Osn				Oou
1	2	Osn Ocy				Oou
2	3	Osn Ocy				Oou
3	4	li qz Osn		14116		Oou
4	5	li qz Osn		x		Oou
5	6	li qz Osn				Oou
6	7	li qz Osn				Oou
7	8	li qz Osn				Oou
8	9	li qz Osn				Oou
9	10	li qz Osn		x		Oou
10	11	qz li Osn				Oou
11	12	qz li Osn				Oou
12	13	qz li Osn				Oou
13	14	qz li Osn				Oou
14	15	qz li Osn		14117		Oou
15	16	qz li Osn				Oou
16	17	qz li Osn				Oou
17	18	Ofc				Oou
18	19	Ofc qz Ssn				Oou
19	20	qz Ssn		x		Oou
20	21	li he Ocy ind				Oou
21	22	li he Ocy ind				Oou
22	23	li he Ocy ind				Oou
23	24	li he Ocy ind		14118		Oou
24	25	li he Ocy ind				Oou
25	26	li he Ocy ind				Oou
26	27	In Ocy ind				In Ocy
27	28	In Ocy ind				In Ocy
28	29	mi ln Ssn (?)				In Ocy
29	30	mi ln Ssn (?)		x		In Ocy

HOLE NO. : 98 MR 016

From	To	Geology	Weathering	Sample	Au	Lithology
30	31	mi ln Ssn				In Ssn
31	32	mi ln Ssn				In Ssn
32	33	qz Osn				In Ssn
33	34	qz Osn				In Ssn
34	35	In qz Osn		14119		In Ssn
35	36	In qz Osn				In Ssn
36	37	In qz Osn				In Ssn
37	38	In qz Osn				In Ssn
38	39	In qz Osn				In Ssn
39	40	In qz Osn		x		In Ssn
40	41	In qz Osn				In Ssn
41	42	In qz Osn				In Ssn
42	43	In qz Osn				In Ssn
43	44	In qz Osn		14120		In Ssn
44	45	In qz Osn				In Ssn
45	46	qz Ogv (?) Ssn				qz Ogv
46	47	qz Ogv (?) Ssn				qz Ogv
47	48	qz Ogv (?) Ssn				qz Ogv
48	49	qz Ogv ± pyrite				qz Ogv
49	50	qz Ogv ± pyrite		x		qz Ogv
50	51	qz Ogv ± pyrite				qz Ogv
51	52	qz Ogv ± pyrite				qz Ogv
52	53	qz Ogv ± pyrite				qz Ogv
53	54	qz Ogv ± pyrite		14121		qz Ogv
54	55	qz Ogv ± pyrite				qz Ogv
55	56	qz Ogv ± pyrite				qz Ogv
56	57	qz Ogv ± pyrite				qz Ogv
57	58	qz Ogv ± pyrite				qz Ogv
58	59	py Ocy AB6				qz Ogv
59	60	py Ocy AB6		x		qz Ogv
60	61	py Ocy B6				qz Ogv
61	62	Ocy B6		14122		qz Ogv
62	63	qz Osn Ocy				qz Ogv
63	64	qz Ogv				qz Ogv
64	65	qz Ogv				qz Ogv

HOLE NO. : 98 MR 016

From	To	Geology	Weathering	Sample	Au	Lithology
65	66	qz Ogv Rnw				Rnw
66	67	qz Ogv Rnw		14122		Rnw
67	68	qz Ogv ± pyrite				qz Ogv
68	69	qz Ogv ± pyrite				qz Ogv
69	70	qz Ogv ± pyrite		x		qz Ogv
70	71	qz Ogv ± pyrite				qz Ogv
71	72	qz Ogv ± pyrite				qz Ogv
72	73	qz Ogv ± pyrite		14123		qz Ogv
73	74	qz Ogv ± pyrite				qz Ogv
74	75	qz Ogv cl Msc sap				qz Ogv
75	76	cl Msc (?) Ggu sap				Ggu
76	77	qz fx cl Ggu	Whl			Ggu
77	78	qz fx cl Ggu				Ggu
78	79	acl (?) frc qz fx cl Ggu	Wsl			Ggu
79	80	Blade refusal @ 79.0m				
80	81					
81	82					
82	83					
83	84					
84	85					
85	86					
86	87					
87	88					
88	89					
89	90					
90	91					
91	92					
92	93					
93	94					
94	95					
95	96					
96	97					
97	98					
98	99					
99	100					

HOLE NO. : 98 MR 017

Tenement name/no: Marble RangeProspect: RegionalType: Aircore

Location : E 569500 N 6266700Elevation: T.D.....57m

Azimuth/Inclination: - / - 90°Logged by: P.G.Date: 5/10/1998

From	To	Geology	Weathering	Sample	Au	Lithology
0	1	Osn				Oou
1	2	Osn				Oou
2	3	Osn				Oou
3	4	Osn				Oou
4	5	Osn		14124		Oou
5	6	Osn				Oou
6	7	Osn ind				Oou
7	8	Osn ind / Ssn				Oou
8	9	Osn				Oou
9	10	Osn		x		Oou
10	11	Inject qz li Ocy Osn				Oou
11	12	qz li Ocy Osn				Oou
12	13	qz li Ocy Osn				Oou
13	14	qz li Ocy Osn				Oou
14	15	qz li Ocy Osn		14125		Oou
15	16	qz li Ocy Osn				Oou
16	17	qz li Ocy Osn				Oou
17	18	qz li Ocy Osn				Oou
18	19	qz li Ocy Osn				Oou
19	20	qz li Ocy Osn		x		Oou
20	21	qz li Osn				Oou
21	22	qz li Osn				Oou
22	23	qz li Osn				Oou
23	24	qz li Osn				Oou
24	25	qz li Osn		14126		Oou
25	26	li Ocy ind				Oou
26	27	li Ocy ind				Oou
27	28	li Ocy ind				Oou
28	29	li Ocy ind				Oou
29	30	In Ocy				In Ssn

HOLE NO. : 98 MR 017

From	To	Geology	Weathering	Sample	Au	Lithology
30	31	In Ocy Ssn (?)				In Ssn
31	32	In Ocy Ssn (?)				In Ssn
32	33	In Ocy Ssn (?)				In Ssn
33	34	In Ocy Ssn (?)				In Ssn
34	35	In Ocy Ssn (?)		14127		In Ssn
35	36	In Ocy Ssn (?)				In Ssn
36	37	In Ocy Ssn (?)				In Ssn
37	38	In Ocy Ssn (?)				In Ssn
38	39	In Ocy Ssn (?)				In Ssn
39	40	In Ocy Ssn (?)		x		In Ssn
40	41	li qz Osn				qz Ogv
41	42	li qz Osn				qz Ogv
42	43	li qz Osn				qz Ogv
43	44	li qz Osn				qz Ogv
44	45	li qz Osn		14128		qz Ogv
45	46	li qz Ogv				qz Ogv
46	47	li qz Ogv				qz Ogv
47	48	li qz Ogv				qz Ogv
48	49	li qz Ogv				qz Ogv
49	50	li Ocy		x		li Ocy
50	51	li Ocy				li Ocy
51	52	li Ocy				li Ocy
52	53	li Ocy				li Ocy
53	54	qz Ogv li Ocy		14129		li Ocy
54	55	qz Ogv li Ocy				li Ocy
55	56	qz Ogv li Ocy				li Ocy
56	57	qz li Ogv ± pyrite				li Ocy
57	58	Hole abandoned @ 57.0m				
58	59	Sand clogging bit/drillrods				
59	60					
60	61					
61	62					
62	63					
63	64					
64	65					

HOLE NO. : 98 MR 018

Tenement name/no: Marble Range

Prospect: Regional

Type: RAB

Location : E 531660 N 6261530

Elevation:

T.D.....63m

Azimuth/Inclination: - / - 90°

Logged by: P.G.

Date: 9/10/1998

From	To	Geology	Weathering	Sample	Au	Lithology
0	1	ca Sar				Oou
1	2	ca Sar				Oou
2	3	ca Sar				Oou
3	4	ca Sar				Oou
4	5	ca Sar		14146		Oou
5	6	ca Sar				Oou
6	7	ca Sar				Oou
7	8	ca Sar				Oou
8	9	ca Sar				Oou
9	10	ca Sar		x		Oou
10	11	li qz Ocy pal				Oou
11	12	Inject li qz Ocy pal				Oou
12	13	li qz Ocy pal				Oou
13	14	he Ocy				Oou
14	15	he Ocy		14147		Oou
15	16	he Ocy				Oou
16	17	he Ocy				Oou
17	18	li Ocy				Oou
18	19	li Ocy				Oou
19	20	li Ocy		x		Oou
20	21	li qz Ocy Ogv				Oou
21	22	li qz Ocy Ogv				Oou
22	23	qz Ogv				Ogv
23	24	qz Ogv		14148		Ogv
24	25	qz Ogv				Ogv
25	26	qz Ogv				Ogv
26	27	qz Ogv				Ogv
27	28	qz Ogv				Ogv
28	29	qz Ogv				Ogv
29	30	qz Ogv				Ogv

HOLE NO. : 98 MR 018

From	To	Geology	Weathering	Sample	Au	Lithology
30	31	qz Ogv ± wood				Ogv
31	32	qz Ogv ± wood				Ogv
32	33	qz Ogv ± wood				Ogv
33	34	qz Ogv ± wood				Ogv
34	35	qz Ogv ± wood		14149		Ogv
35	36	qz Ogv ± wood				Ogv
36	37	qz Ogv ± wood				Ogv
37	38	qz Ogv ± wood				Ogv
38	39	qz Ogv ± wood				Ogv
39	40	qz Ogv ± wood		x		Ogv
40	41	qz Ogv				Ogv
41	42	qz Ogv				Ogv
42	43	qz Ogv				Ogv
43	44	qz Ogv		14150		Ogv
44	45	qz Ogv				Ogv
45	46	qz Ogv				Ogv
46	47	qz Ogv				Ogv
47	48	qz Ogv				Ogv
48	49	qz Ogv				Ogv
49	50	qz Ogv		x		Ogv
50	51	qz Ogv				Ogv
51	52	qz Ogv				Ogv
52	53	qz Ogv				Ogv
53	54	qz Ogv				Ogv
54	55	qz Ogv		14151		Ogv
55	56	qz Ogv				Ogv
56	57	qz Ogv				Ogv
57	58	qz Ogv				Ogv
58	59	qz Ogv				Ogv
59	60	qz Ogv		x		Ogv
60	61	qz Ogv				Ogv
61	62	qz Ogv		14152		Ogv
62	63	Ogv				Ogv
63	64	Hole abandoned @ 63.0m				
64	65					

HOLE NO. : 98 MR 019

Tenement name/no: Marble Range Prospect: Regional Type: RAB/Aircore

Location : E 517700 N 6260235 Elevation: T.D.....53m

Azimuth/Inclination: - / - 90° Logged by: P.G. Date: 9/10/1998

From	To	Geology	Weathering	Sample	Au	Lithology
0	1	RAB ca Sar				
1	2	RAB ca Sar				Oou
2	3	ca Sar				Oou
3	4	ca Sar				Oou
4	5	ca Sar				Oou
5	6	ca Sar		14153		Oou
6	7	ca Sar				Oou
7	8	ca Sar				Oou
8	9	ca Sar				Oou
9	10	ca Sar		x		Oou
10	11	ca Sar				Oou
11	12	ca Sar				Oou
12	13	Aircore qz Ocy				Oou
13	14	qz Ocy		14154		Oou
14	15	qz Ocy				Oou
15	16	qz Ocy				Oou
16	17	qz Ocy				Oou
17	18	qz Ocy				Oou
18	19	li Ocy ind pal				Oou
19	20	li Ocy ind pal		x		Oou
20	21	Ocy ind pal				Oou
21	22	li Ocy pal				Oou
22	23	li Ocy pal				
23	24	li Ocy pal				
24	25	li Ocy pal		14155		
25	26	Sqt / Vqz				
26	27	Sqt / Vqz				
27	28	li Ggu (?) sap pal				Msc sap
28	29	li Ggu (?) sap pal				Msc sap
29	30	li Ggu (?) sap pal				Msc sap

HOLE NO. : 98 MR 019

From	To	Geology	Weathering	Sample	Au	Lithology
30	31	li Msc sap pal				Msc sap
31	32	li Msc sap pal				Msc sap
32	33	li Msc sap pal		14156		Msc sap
33	34	li Msc sap pal				Msc sap
34	35	li Msc sap pal		x		Msc sap
35	36	li Msc sap pal				Msc sap
36	37	qz fx cl he Msc	Whl			Msc
37	38	qz fx cl he Msc		14157		Msc
38	39	he cl Msc / Ggu (?) PG7	Wmd			Msc
39	40	cl he qz li Msc ± Vqz PG7	Wmd	x		Msc
40	41	cl he qz li Msc + Vqz PG7	Wmd			Msc
41	42	cl he li Msc PGB6	Wmd			Msc
42	43	cl he li Msc PGB6	Wmd	14158		Msc
43	44	cl he li Msc PGB6	Wmd			Msc
44	45	cl he li Msc GYB7	Wmd	x		Msc
45	46	cl he li Msc GYB7	Wmd			Msc
46	47	cl he qz li Msc YBG7	Wmd			Msc
47	48	cl he qz li Msc		14159		Msc
48	49	cl he qz li Msc				Msc
49	50	cl he qz li Msc		x		Msc
50	51	cl qz fx he li Msc Vqz GPB7	Wmd			Msc
51	52	cl qz gn fx (?) Msc TR.py G6	Wsl	14160		Msc
52	53	cl qz se li Msc ± weathered py. YG7	Wsl			
53	54	Blade refusal @ 53.0m				
54	55					
55	56					
56	57					
57	58					
58	59					
59	60					
60	61					
61	62					
62	63					
63	64					
64	65					

HOLE NO. : 98 MR 020

Tenement name/no: Marble Range

Prospect: Regional

Type: Aircore

Location : E 517650 N 6260235

Elevation:

T.D.....33m

Azimuth/Inclination: -/- 90°

Logged by: P.G.

Date: 9/10/1998

From	To	Geology	Weathering	Sample	Au	Lithology
0	1	H ca Sar				ca Sar
1	2	H ca Sar				ca Sar
2	3	H ca Sar		14161		ca Sar
3	4	H ca Sar				ca Sar
4	5	H ca Sar				ca Sar
5	6	H ca Sar				ca Sar
6	7	H ca Sar				ca Sar
7	8	B Inject ca Sar				ca Sar
8	9	B Inject qz Ocy				qz Ocy
9	10	B Inject qz Ocy		x		qz Ocy
10	11	B Inject qz Ocy				qz Ocy
11	12	B Inject qz Ocy				qz Ocy
12	13	qz Ocy				qz Ocy
13	14	qz Ocy				qz Ocy
14	15	qz Ocy		14162		qz Ocy
15	16	qz Ocy				qz Ocy
16	17	qz Ocy				qz Ocy
17	18	qz Ocy				qz Ocy
18	19	qz Ocy				qz Ocy
19	20	li qz Ocy		x		qz Ocy
20	21	Dry li qz Ocy				qz Ocy
21	22	li qz Ocy				qz Ocy
22	23	li qz Ocy		14163		qz Ocy
23	24	li Sqt				Sqt
24	25	li Sqt		x		Sqt
25	26	li Ocy pal				Ocy
26	27	Ocy pal				Ocy
27	28	Ocy pal		14164		Ocy
28	29	cl li se Msc sap				Msc sap
29	30	qz bi li Msc (?)	Whl			Msc sap

HOLE NO. : 98 MR 020

From	To	Geology	Weathering	Sample	Au	Lithology
30	31	qz fx bi li Msc / Mgn AN6	Wsl			Msc
31	32	qz fx bi li Msc / Mgn AN6	Wsl	14165		Msc
32	33	qz fx bi Msc AN6	Wsl	x		Msc
33	34	Blade refusal @ 33.0m				
34	35					
35	36					
36	37					
37	38					
38	39					
39	40					
40	41					
41	42					
42	43					
43	44					
44	45					
45	46					
46	47					
47	48					
48	49					
49	50					
50	51					
51	52					
52	53					
53	54					
54	55					
55	56					
56	57					
57	58					
58	59					
59	60					
60	61					
61	62					
62	63					
63	64					
64	65					

HOLE NO. : 98 MR 021

Tenement name/no: Marble Range Prospect: Regional Type: Aircore

Location : E 517750 N 6260235 Elevation: T.D.....53m

Azimuth/Inclination: - / - 90° Logged by: P.G. Date: 10/10/1998

From	To	Geology	Weathering	Sample	Au	Lithology
0	1	H ca Sar				ca Sar
1	2	B ca Sar				ca Sar
2	3	B ca Sar				ca Sar
3	4	B ca Sar				ca Sar
4	5	B ca Sar		14166		ca Sar
5	6	H ca Sar				ca Sar
6	7	H qz Ssn ind				qz Ocy
7	8	H qz Ssn ind				qz Ocy
8	9	B qz Ssn ind				qz Ocy
9	10	B qz Ssn Ocy pal		x		qz Ocy
10	11	qz Ssn Ocy pal				qz Ocy
11	12	Inject qz Ssn Ocy pal				qz Ocy
12	13	Inject qz Ssn Ocy pal				qz Ocy
13	14	Inject qz Ssn Ocy pal				qz Ocy
14	15	Inject qz Ssn Ocy pal		14167		qz Ocy
15	16	Inject qz Ssn Ocy pal				qz Ocy
16	17	he Ocy pal				qz Ocy
17	18	he Ocy pal				qz Ocy
18	19	Dry Sqt (?) qz Ssn ind pal				Sqt
19	20	Sqt (?) qz Ssn ind pal		x		Sqt
20	21	Sqt li Ocy pal				Sqt
21	22	Sqt li Ocy pal				Sqt
22	23	Sqt li Ocy pal		14168		Ocy
23	24	Sqt li Ocy pal				Ocy
24	25	Sqt li Ocy pal		x		Ocy
25	26	li Ocy pal				Ocy
26	27	li Ocy pal				Ocy
27	28	he li Msc sap pal		14169		Msc sap
28	29	he li Msc sap pal				Msc sap
29	30	he li Msc sap ox				Msc sap

HOLE NO. : 98 MR 021

From	To	Geology		Weathering	Sample	Au	Lithology
30	31	Msc sap pal					Msc sap
31	32	Msc sap pal					Msc sap
32	33	li Msc sap pal			14170		Msc sap
33	34	li Msc sap pal					Msc sap
34	35	li Msc sap pal			x		Msc sap
35	36	li Msc sap pal					Msc sap
36	37	li Msc sap pal					Msc sap
37	38	li Msc sap pal			14171		Msc sap
38	39	li qz Ocy / Msc sap ox					Msc sap
39	40	Inject	li qz Ocy / Msc sap ox		x		Msc sap
40	41	Inject	he li Msc sap ox				Msc sap
41	42	he Msc sap ox					Msc sap
42	43	he cl qz li Msc (?)	YB6	Whl	14172		Msc
43	44	he cl qz li Msc (?)	YB6				Msc
44	45	li cl qz Msc	YBG7	Wmd	x		Msc
45	46	li cl qz Msc ± Vqz (?)	YB6	Wmd			Msc
46	47	li cl qz Msc ± Vqz (?)	YB6	Wmd	14173		Msc
47	48	Water	li cl qz Msc ± Vqz (?)	YB6	Wmd		Msc
48	49	Water	li cl qz Msc ± Vqz (?)	YB6	Wmd		Msc
49	50		li cl qz Msc ± Vqz (?)	YB6	Wmd	x	
50	51		Vqz qz fx cl li Msc (?)	GW6	Wmd		Vqz
51	52	Vqz		Fresh	14174		Vqz
52	53	Vqz qz fx bi gn Mgn	AN6	Wsl	x		Mgn
53	54	Hole terminated @ 53.0m					
54	55						
55	56						
56	57						
57	58						
58	59						
59	60						
60	61						
61	62						
62	63						
63	64						
64	65						

HOLE NO. : 98 MR 022

Tenement name/no: Marble Range

Prospect: Regional

Type: Aircore

Location : E 517700 N 6260135

Elevation:

T.D.....44m

Azimuth/Inclination: - / - 90°

Logged by: P.G.

Date: 10/10/1998

From	To	Geology	Weathering	Sample	Au	Lithology
0	1	H ca Sar				ca Sar
1	2	H ca Sar				ca Sar
2	3	B ca Sar				ca Sar
3	4	ca Sar		14175		ca Sar
4	5	ca Sar				ca Sar
5	6	ca Sar				ca Sar
6	7	ca Sar				ca Sar
7	8	ca Sar				ca Sar
8	9	ca Sar				ca Sar
9	10	ca Sar		x		ca Sar
10	11	ca Sar				ca Sar
11	12	ca Sar				ca Sar
12	13	ca Sar				ca Sar
13	14	ca Sar				ca Sar
14	15	ca Sar		14176		ca Sar
15	16	ca Sar				ca Sar
16	17	ca Sar				ca Sar
17	18	ca Sar				ca Sar
18	19	ca Sar				ca Sar
19	20	ca Sar		x		ca Sar
20	21	ca Sar				ca Sar
21	22	ca Sar				ca Sar
22	23	ca Sar				ca Sar
23	24	ca Sar		14177		ca Sar
24	25	ca Sar				ca Sar
25	26	Sqt / qz Ssn ind				ca Sar
26	27	fe Ocy				fe Ocy
27	28	fe Ocy ind				fe Ocy
28	29	fe Ocy pal ind				fe Ocy
29	30	fe Ocy Ofc (?)				fe Ocy

HOLE NO. : 98 MR 022

From	To	Geology	Weathering	Sample	Au	Lithology
30	31	he li Ocy pal				Ocy
31	32	he li Ocy pal		14178		Ocy
32	33	li Ocy				Ocy
33	34	li Ocy				Ocy
34	35	li Ocy		x		Ocy
35	36	li Ocy				Ocy
36	37	Ocy bi li qz Msc	Wmd			Msc
37	38	bi li qz fx Msc / Mgn	Wmd	14179		Msc
38	39	bi li qz fx Msc / Mgn	Wmd			Msc
39	40	bi li qz fx Msc / Mgn	Wmd	x		Msc
40	41	bi qz fx li Msc BW6	Wsl			Msc
41	42	bi qz fx li Msc qz fx tm Gp OB6	Wsl	14180		Gpg
42	43	qz fx mu (?) tm Gpg				Gpg
43	44	mi qz fx tm Gpg OBW	Fresh			Gpg
44	45	Blade refusal @ 44.0m				
45	46					
46	47					
47	48					
48	49					
49	50					
50	51					
51	52					
52	53					
53	54					
54	55					
55	56					
56	57					
57	58					
58	59					
59	60					
60	61					
61	62					
62	63					
63	64					
64	65					

HOLE NO. : 99 MR023

Tenement name/no: Marble Range Prospect: T21' Type: Aircore

Location : E 562050 N 6269390 Elevation: T.D.....54m

Azimuth/Inclination: - / - 90° Logged by: P.G. Date: 16/1/1999

From	To	Geology	Weathering	Sample	Au	Lithology
0	1	Bridgewater Fm				Oou
1	2	Bridgewater Fm				Oou
2	3	Bridgewater Fm		14793		Oou
3	4	fe Ocy				Oou
4	5	fe ocy		x		Oou
5	6	qz Ssn				Oou
6	7	qz Ssn				Oou
7	8	qz Ssn				Oou
8	9	qz Ssn				Oou
9	10	qz Ssn		x		Oou
10	11	li qz Ssn				Oou
11	12	li qz Ssn				Oou
12	13	li qz Ssn				Oou
13	14	li qz Ssn		14794		Oou
14	15	li qz Ssn		x		Oou
15	16	Inject li qz Ssn				Oou
16	17	Inject li qz Ssn				Oou
17	18	Inject li qz Ssn				Oou
18	19	Inject li qz Ssn				Oou
19	20	Inject li qz Ssn		x		Oou
20	21	Inject li qz Ssn				Oou
21	22	Inject li qz Ssn				Oou
22	23	Inject li qz Ssn				Oou
23	24	Inject li qz Ssn		14795		Oou
24	25	li qz Ssn		x		Oou
25	26	li he qz Ssn				Oou
26	27	li he qz Ssn				Oou
27	28	li he qz Ssn				Oou
28	29					Oou
29	30					Oou

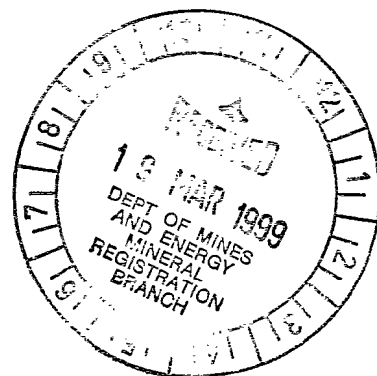
HOLE NO. : 99 MR023

From	To	Geology	Weathering	Sample	Au	Lithology
30	31	fe Osn				Oou
31	32	fe qz Osn				Oou
32	33	fe qz Osn				Oou
33	34	fe qz Osn				Oou
34	35	fe qz Osn		14796		Oou
35	36	fe qz Osn				Oou
36	37	fe qz Osn				Oou
37	38	fe qz Osn				Oou
38	39	fe qz Osn				Oou
39	40	fe qz Osn		x		Oou
40	41	fe qz Osn				Oou
41	42	fe qz Osn				Oou
42	43	fe qz Osn				Oou
43	44	qz Ogv = sed py				Oou
44	45	qz Ogv = sed py				Oou
45	46	qz Ogv = sed py		14797		Oou
46	47	qz Ogv = sed py				Oou
47	48	qz Ogv = sed py				Oou
48	49	qz Ogv = sed py				Oou
49	50	qz Ogv = sed py		x		Oou
50	51	qz Ogv = sed py				Oou
51	52	qz Ogv = sed py		14798		Oou
52	53	qz Ogv = sed py				Oou
53	54	qz Ogv = sed py				Oou
54	55	Hole terminated @ 54.0m				
55	56					
56	57					
57	58					
58	59					
59	60					
60	61					
61	62					
62	63					
63	64					
64	65					

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A.C.N. 009 129 560

Annual & Final Report
E.L. 2319 “MARBLE RANGE”
From 30th APRIL 1998 to 16th MARCH 1999

Author: P. Greenhill
Date: March 1999
Copies to: PIRSA (2)
GDM – Perth
GDM – Adelaide



GDM Report No: 047

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Appendix 2 Drillhole Assay Data

Appendix 3 Drillhole logs

1. Summary

Initial roadside lag/laterite sampling identified a number of areas within the tenement that were anomalous in As. Infill sampling further defined a series of elevated As values in a broad 5km x 2km zone. A program of regolith RAB/Aircore drilling was completed over geochemical targets, however disappointing results were obtained. Re-assessment of all current data has led to the decision to relinquish the tenement

2. Introduction

Exploration Licence 2319 “Marble Range” initially comprised three separate blocks, Areas “A”, “B” and “C”: Area A, situated approximately 15 kilometres east of Elliston; Area “B”, centred around the township of Murdinga and Area “C”, situated approximately 40 kilometres west of Port Lincoln (Figure 1). Areas “A” and “B” were relinquished in November 1998 and January 1999 respectively. Re-assessment of all current data has resulted in the prospectivity of Area “C” being downgraded. The area was identified as having potential to host granulite facies, gold deposits within the Archaean Sleaford Complex, as well as having potential for shear-hosted polymetallic Au and base metal mineralisation.

The tenement is entirely on freehold and perpetual leasehold wheat and sheep grazing properties. Access is via a regular network of all weather gravel and sealed public roads.

3. Tenure

Exploration licence 2319 “Marble Range” was granted to Goldstream Mining (“Goldstream”) on the 30th Of April 1997 to explore for gold and base metals. An extension of term has been approved and the licence is now due to expire on the 29th of April 1999. In November 1998 and January 1999 areas A and B were relinquished leaving Area C from the original grant. The total area relinquished was approximately 383 square kilometres or around 45 % of the original grant. The remaining block, “Area C” covers an area of approximately 464 square kilometres.

4. Geology

Basement rocks within Area “C” comprise Archaean Sleaford Complex, Wangary Gneiss and Kiana Granite. These rocks are overlain by Palaeoproterozoic Hutchison Group (Warrow Quartzite) at Marble Range and Mt Greenly, and unconformably overlain by Cainozoic aeolian (Bridgewater Formation), fluvialite (Uley Formation) and lacustrine sediments elsewhere within the tenement.

5. Previous Exploration

Previous exploration on E.L. 2319 has sought uranium, base metals, mineral sands, coal and diamonds. A summary of the companies who previously held ground covered by the current tenement is tabulated below.

Company	E.L. No.	Tenement	Year	Commodity	Envelope No.
CRA Exploration Pty.Ltd	E.L. 0688	Sheringa	1980-82	Diamonds	ENV3973/4659
CSR Ltd.	E.L. 1266	Cummins	1984-85	Base metals	ENV 5987
Stockdale Prospecting Ltd.	E.L. 1518	Mt. Hope	1988-92	Diamonds	ENV 8076
CRA Exploration Pty.Ltd	E.L. 0670	Lock	1980-82	Coal	ENV 5878
CRA Exploration Pty.Ltd	E.L. 1215	Lock	1984-85	Coal	ENV 5448
Exploration Drilling Pty.Ltd.	E.L. 0058	Lake Greenly	1973-74	Gypsum	ENV 2298
Uranerz (Aust) Pty.Ltd.	E.L. 0388	Coultan	1978-79	Uranium	ENV 3283
Afmeco Pty. Ltd.	E.L 0578	Warunda	1980-82	Uranium	ENV 3776
CRA Exploration Pty.Ltd	E.L. 1154	Warunda	1983-85	Base metals	ENV 5247

6. Current Exploration

6.1. Lag/Laterite Geochemistry

Infill lag/laterite sampling was conducted around anomalous values from regional sampling. Seventy three samples were collected at a nominal spacing of 200m x 200m and assayed for Au, As, Cu, Ni, Pb, Ag and Fe. Peak results included 230ppb and 240ppb As (Plates 1 and 2). All results are included as Appendix 1.

6.2 Drilling

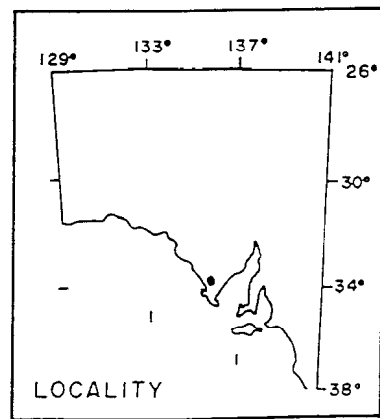
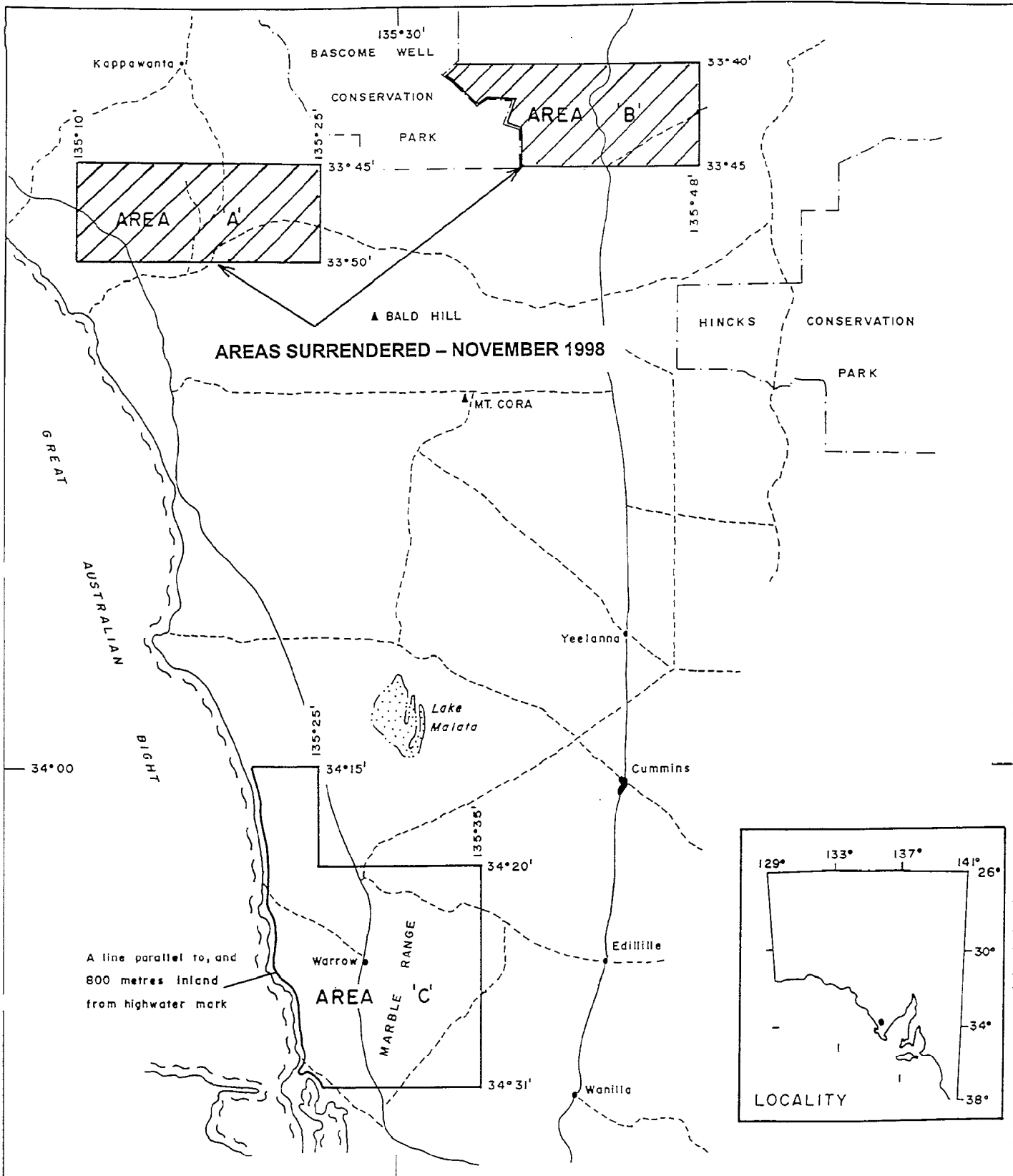
A total of ten drillholes for 436 m were drilled on Area C targeting geochemical anomalies (Plate 3). Two holes failed to reach basement by 50m and were abandoned in Uley Formation. The remaining eight holes were terminated in Cook Gap Schist (Palaeoproterozoic Hutchison Group) at depths ranging from 28m to 63m. No significant results were returned and the source of the elevated As values in regolith have not been located in the basement. Assay results and drill logs are included as Appendices 2 and 3.

6.3 Geophysics

Goldstream commissioned Southern Geoscience Consultants (SGC) to reprocess and interpret current aeromagnetic and gravity data of the western Eyre Peninsula, and to identify potential drill targets. A series of 1:100 000 scale map sheets produced included TMI imagery, regional gravity, detailed basement geological interpretation, potential drill targets. No targets were identified in the area covered by "Area C". The report is included as Appendix 4 in E.L. 2254 "Cummins " 1998 annual report.

7. Conclusions

Lag/laterite sampling on Area "C" of E.L. 2319 identified anomalous As over an area of 5km x 2km . Drilling indicated that regolith anomalies were transported and not sourced from underlying basement lithologies. Lack of significant results, difficult drilling conditions and no geophysical targets has downgraded the prospectivity of the tenement. No further work is planned.



Ref: Kimba S153-07 / Lincoln S153-11

GOLDSTREAM MINING N. L.

EL 2319 - MARBLE RANGE

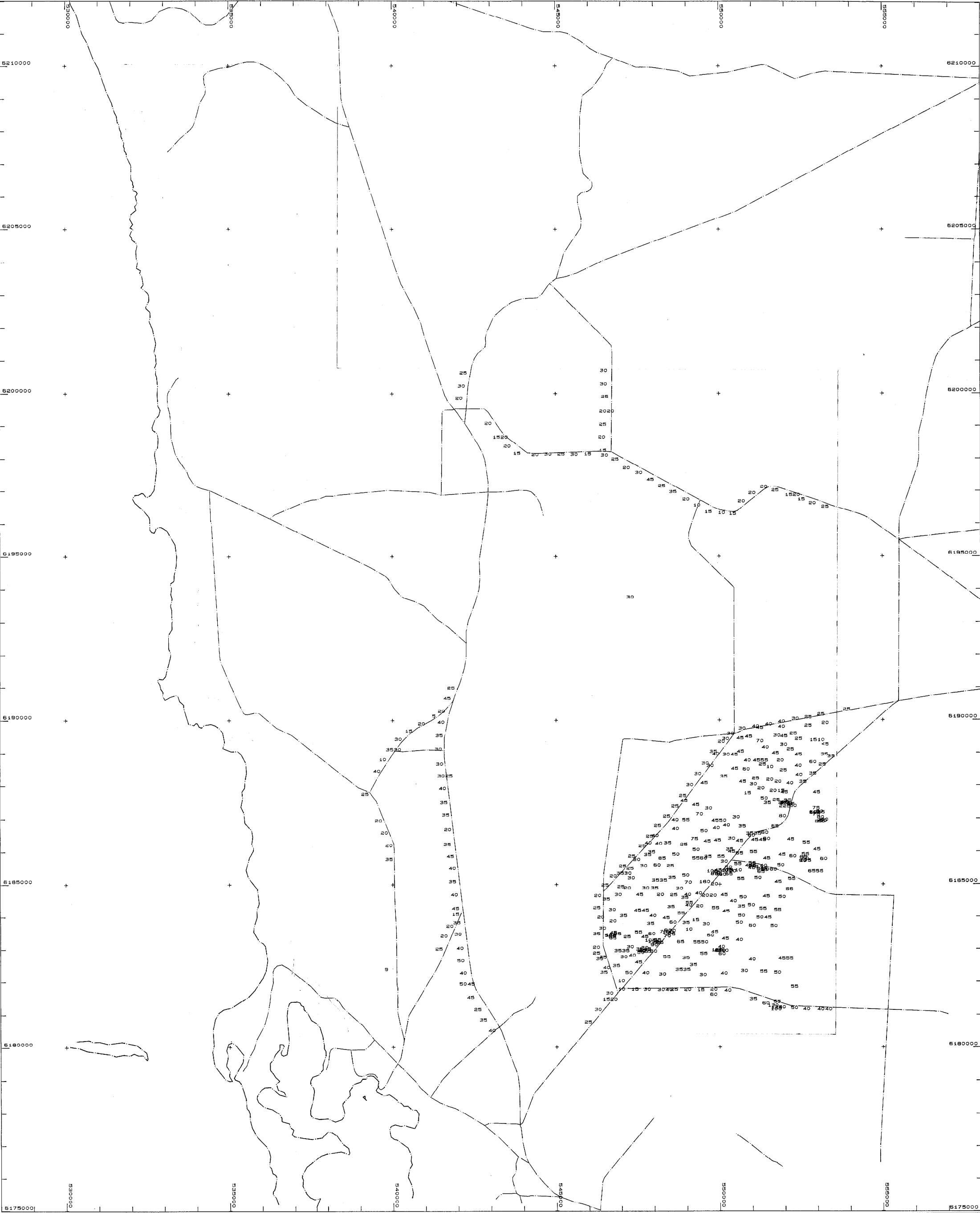
Location plan

FIG:1

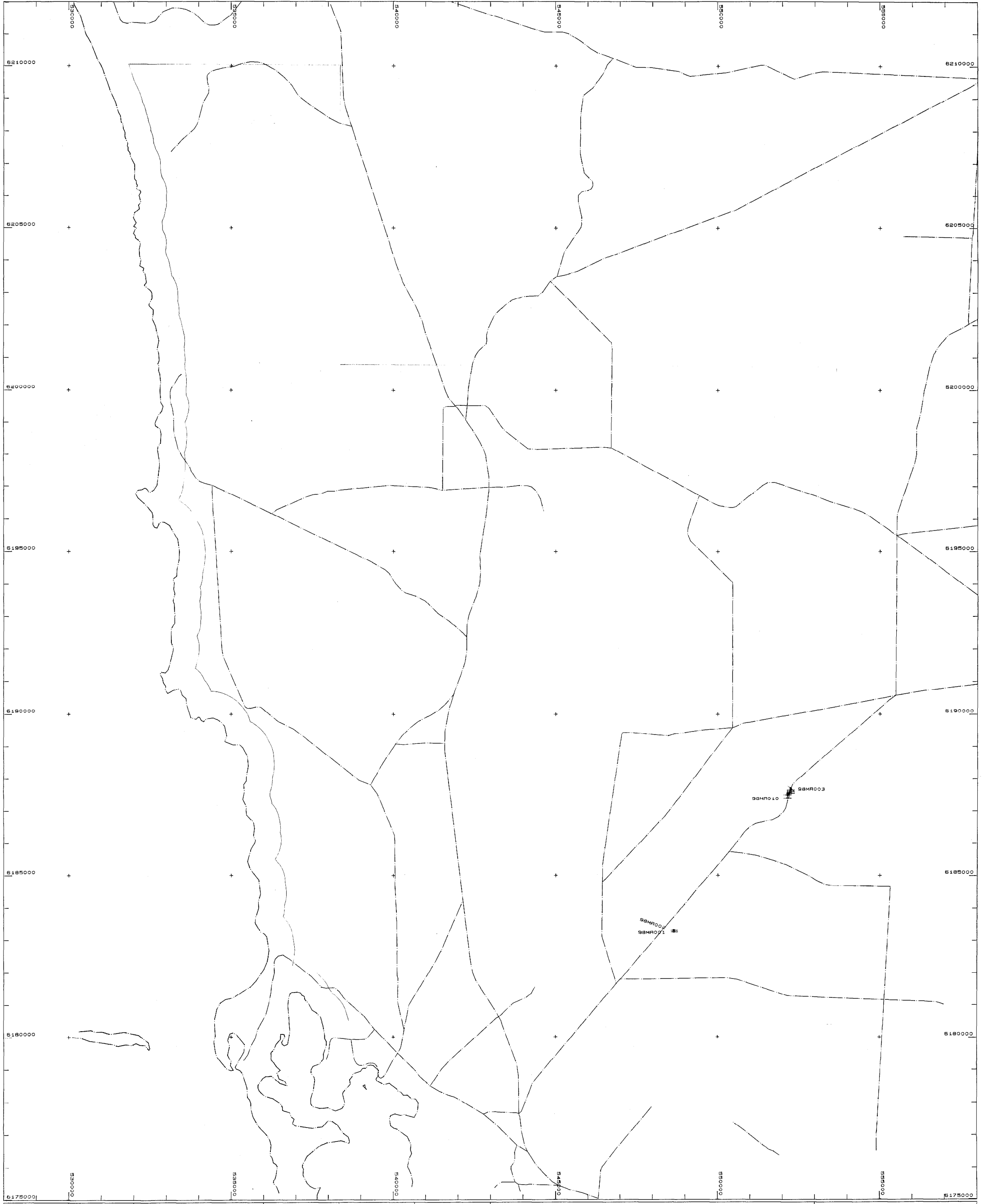
SCALE: 1:500 000 DATE: NOV 98

DRAWN: F.R. REPT. NO.: 047

0 10 20 30 40 km



			Scale 1: 50000		DATE @plotdate REF No. 1	SHEET Sheet 1 of 1 FILE MARBLASAS	Marble Range E.L. 2319 Lag geochemistry As (ppm)		Goldstream Mining Adelaide	PLATE 1
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			Scale 1: 50000		DATE @plotdate REF No. 1	SHEET Sheet 1 of 1 FILE 808	Marble Range E.L. 2319 Area "C" Drillhole locations		Goldstream Mining Adelaide	PLATE 3 48 255 40M Rpt 041
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Appendix 1

Lag Geochemical Data

SAMPLE	EAST	NORTH	E	PROSPECT	DATE	Au (ppb)	As (ppm)	Cu (ppm)	Ag (ppb)	Fe (%)	Ni (ppm)	Pb (ppm)
25888	548680	6183600	2319	Regional	7/8/98	<1	90	<1	<0.1	24.5	16	52
25889	548790	6183480	2319	Regional	7/8/98	<1	75	1	<0.1	20.5	15	52
25890	548660	6183420	2319	Regional	7/8/98	<1	70	1	<0.1	28.5	15	44
25891	548810	6183590	2319	Regional	7/8/98	<1	70	2	<0.1	19.5	17	49
25892	548730	6183540	2319	Regional	7/8/98	<1	100	<1	<0.1	25.5	15	54
25893	550330	6182970	2319	Regional	7/8/98	<1	230	<1	<0.1	24	7	28
25894	550235	6182990	2319	Regional	7/8/98	<1	135	2	<0.1	19.5	8	31
25895	550420	6182970	2319	Regional	7/8/98	<1	210	<1	<0.1	27.5	9	29
25896	550330	6182870	2319	Regional	7/8/98	<1	60	1	<0.1	12	4	33
25897	550310	6183090	2319	Regional	7/8/98	<1	40	2	<0.1	15.5	14	40
25898	550540	6185440	2319	Regional	7/8/98	<1	70	<1	<0.1	18.5	12	34
25899	550540	6185340	2319	Regional	7/8/98	1	65	1	<0.1	14	13	36
25900	550650	6185430	2319	Regional	7/8/98	<1	70	2	<0.1	16.5	9	34
25901	550470	6185460	2319	Regional	7/8/98	<1	115	<1	<0.1	17	13	33
25902	550470	6185460	2319	Regional	7/8/98	<1	110	<1	<0.1	17	13	36
25903	550530	6185550	2319	Regional	7/8/98	<1	50	1	<0.1	17.5	18	56
25904	551250	6185590	2319	Regional	7/8/98	<1	70	<1	<0.1	17.5	15	56
25905	551230	6185530	2319	Regional	7/8/98	<1	45	<1	<0.1	18	17	58
25906	551250	6185680	2319	Regional	7/8/98	<1	55	2	<0.1	18	9	36
25907	551330	6185560	2319	Regional	7/8/98	1	75	2	<0.1	17.5	14	58
25908	551140	6185610	2319	Regional	7/8/98	<1	45	2	<0.1	13.5	7	52
25909	552440	6187460	2319	Regional	7/8/98	<1	55	1	<0.1	22.5	11	58
25910	552510	6187410	2319	Regional	7/8/98	<1	50	1	<0.1	20.5	12	52
25911	552310	6187400	2319	Regional	7/8/98	<1	225	<1	<0.1	23.5	13	38
25912	552340	6187580	2319	Regional	7/8/98	<1	95	<1	<0.1	21.5	10	39
25913	552290	6187500	2319	Regional	7/8/98	1	240	<1	<0.1	23	9	36
25914	552250	6187510	2319	Regional	7/8/98	<1	85	<1	<0.1	19	9	54
25915	550150	6185390	2319	Regional	7/8/98	1	75	2	<0.1	20	13	34
25916	550230	6185340	2319	Regional	7/8/98	<1	60	2	<0.1	16.5	13	37
25917	550100	6185350	2319	Regional	7/8/98	1	80	2	<0.1	19	13	35
25918	550210	6185460	2319	Regional	7/10/98	1	45	2	<0.1	16.5	12	33
25919	550090	6185430	2319	Regional	7/10/98	<1	105	1	<0.1	19.5	10	48
25920	553210	6187220	2319	Regional	7/10/98	<1	110	<1	<0.1	21	12	50

SAMPLE	EAST	NORTH	EL	PROSPECT	DATE	Al (ppb)	As (ppm)	Cr (ppm)	Ag (ppb)	Fe (%)	Ni (ppm)	Pb (ppm)
25921	553220	6187160	2319	Regional	7/10/98	<1	75	1	<0.1	20.5	13	54
25922	553125	6187215	2319	Regional	7/10/98	<1	60	<1	<0.1	19.5	12	50
25923	553125	6187215	2319	Regional	7/10/98	<1	65	<1	<0.1	22	13	52
25924	553210	6187340	2319	Regional	7/10/98	<1	75	<1	<0.1	24	10	58
25925	553320	6187240	2319	Regional	7/10/98	<1	60	1	<0.1	18	14	47
25926	553370	6186990	2319	Regional	7/10/98	<1	70	<1	<0.1	23	18	47
25927	553440	6186970	2319	Regional	7/10/98	<1	60	1	<0.1	21.5	16	45
25928	553290	6186950	2319	Regional	7/10/98	<1	80	<1	<0.1	23.5	12	58
25929	553480	6187000	2319	Regional	7/10/98	<1	60	1	<0.1	21.5	16	46
25930	553350	6187070	2319	Regional	7/10/98	<1	80	1	<0.1	21.5	13	50
25931	551600	6185510	2319	Regional	7/10/98	<1	75	1	<0.1	19	12	45
25932	551600	6185600	2319	Regional	7/10/98	<1	40	2	<0.1	16.5	13	39
25933	551660	6185480	2319	Regional	7/10/98	<1	90	2	<0.1	20.5	12	52
25934	551660	6185480	2319	Regional	7/10/98	<1	80	2	<0.1	19.5	16	49
25935	551500	6185500	2319	Regional	7/10/98	<1	80	<1	<0.1	18.5	13	50
25936	551520	6185410	2319	Regional	7/10/98	<1	65	2	<0.1	18	11	54
25937	552870	6185820	2319	Regional	7/10/98	<1	70	<1	<0.1	20	6	64
25938	552800	6185750	2319	Regional	7/10/98	<1	90	2	<0.1	17	14	60
25939	552820	6185860	2319	Regional	7/10/98	1	65	1	<0.1	17.5	18	60
25940	552880	6185950	2319	Regional	7/10/98	1	55	1	<0.1	16.5	9	62
25941	552940	6185760	2319	Regional	7/10/98	<1	75	3	<0.1	21.5	20	62
25942	548340	6183210	2319	Regional	7/10/98	<1	55	1	<0.1	18.5	15	36
25943	548200	6183290	2319	Regional	7/10/98	<1	105	2	<0.1	24.5	16	44
25944	548260	6183150	2319	Regional	7/10/98	<1	90	1	<0.1	24	18	48
25945	548360	6183300	2319	Regional	7/10/98	<1	85	1	<0.1	20	10	47
25946	547950	6182950	2319	Regional	7/10/98	<1	45	1	<0.1	20.5	17	43
25947	547900	6182980	2319	Regional	7/10/98	<1	45	1	<0.1	12.5	10	33
25948	547970	6183060	2319	Regional	7/16/98	<1	30	1	<0.1	15	10	37
25949	547810	6183020	2319	Regional	7/16/98	<1	35	2	<0.1	15.5	11	39
25950	547810	6183020	2319	Regional	7/16/98	<1	45	2	<0.1	16	15	40
25951	547850	6182920	2319	Regional	7/16/98	<1	50	<1	<0.1	15.5	8	35
25952	552170	6181250	2319	Regional	7/16/98	<1	40	1	<0.1	19	10	33
25953	551950	6181300	2319	Regional	7/16/98	<1	130	2	<0.1	27.5	11	25

SAMPLE	EAST	NORTH	EL	PROSPECT	DATE	Ag (ppb)	As (ppm)	Cl (ppm)	Ag (ppb)	Fe (%)	Ni (ppm)	Pb (ppm)
25954	552010	6181420	2319	Regional	7/16/98	<1	55	1	<0.1	25.5	18	50
25955	552040	6181190	2319	Regional	7/16/98	<1	100	1	<0.1	27	12	25
25956	546990	6183460	2319	Regional	7/16/98	<1	125	<1	<0.1	24.5	25	52
25957	546990	6183360	2319	Regional	7/16/98	<1	85	1	<0.1	23	13	48
25958	547010	6183530	2319	Regional	7/16/98	<1	45	2	<0.1	17.5	31	40
25959	546860	6183440	2319	Regional	7/16/98	<1	50	2	<0.1	20.5	32	41
25960	547140	6183490	2319	Regional	7/16/98	<1	35	1	<0.1	13.5	8	62

Appendix 2
Drillhole Assay Data

Tenement	EL No.	Drillhole No.	Sample No.	Depth From	Depth To	Au (ppb)	As (ppm)	Cu (ppm)	Ag (ppb)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Marble Range	2319	98MR001	13940	0	5	1	15	4	<0.1	6	24	10
Marble Range	2319	98MR001	13941	5	10	1	20	3	<0.1	6	9	3
Marble Range	2319	98MR001	13942	10	15	2	10	4	<0.1	11	7	17
Marble Range	2319	98MR001	13943	15	20	<1	<5	3	<0.1	4	3	10
Marble Range	2319	98MR001	13944	20	25	<1	<5	3	<0.1	3	3	5
Marble Range	2319	98MR001	13945	25	30	<1	5	3	0.1	1	3	5
Marble Range	2319	98MR001	13946	30	40	<1	<5	3	<0.1	<1	3	6
Marble Range	2319	98MR001	13947	40	45	<1	<5	3	<0.1	5	5	5
Marble Range	2319	98MR001	13948	45	46	<1	5	5	<0.1	4	5	7
Marble Range	2319	98MR002	13949	0	5	<1	15	3	<0.1	5	16	6
Marble Range	2319	98MR002	13950	5	10	<1	10	2	<0.1	4	4	5
Marble Range	2319	98MR002	13951	10	15	<1	15	5	<0.1	1	9	3
Marble Range	2319	98MR002	13952	15	20	<1	15	4	<0.1	70	4	30
Marble Range	2319	98MR002	13953	20	25	<1	<5	4	<0.1	1	2	6
Marble Range	2319	98MR002	13954	25	30	<1	<5	2	<0.1	<1	2	2
Marble Range	2319	98MR002	13955	30	35	<1	<5	2	<0.1	4	2	4
Marble Range	2319	98MR002	13956	35	40	<1	5	3	<0.1	3	2	5
Marble Range	2319	98MR002	13957	40	45	<1	<5	4	<0.1	5	3	5
Marble Range	2319	98MR002	13958	45	50	1	<5	4	<0.1	4	4	6
Marble Range	2319	98MR002	13959	50	55	<1	<5	3	<0.1	3	4	15
Marble Range	2319	98MR003	13960	0	5	1	10	3	0.1	4	14	5
Marble Range	2319	98MR003	13961	5	10	<1	<5	2	<0.1	3	3	3
Marble Range	2319	98MR003	13962	10	15	<1	<5	2	<0.1	5	24	5
Marble Range	2319	98MR003	13963	15	20	<1	5	3	<0.1	1	29	7
Marble Range	2319	98MR003	13964	20	25	<1	10	7	<0.1	5	18	16
Marble Range	2319	98MR003	13965	25	30	<1	<5	7	<0.1	3	19	37
Marble Range	2319	98MR003	13966	30	35	<1	<5	3	<0.1	5	8	25
Marble Range	2319	98MR003	13967	35	40	<1	<5	3	<0.1	9	10	45
Marble Range	2319	98MR003	13968	40	45	<1	<5	5	0.1	23	8	72
Marble Range	2319	98MR004	13969	0	5	<1	10	3	<0.1	8	16	10
Marble Range	2319	98MR004	13970	5	10	<1	5	2	<0.1	5	4	<1
Marble Range	2319	98MR004	13971	10	15	<1	10	2	<0.1	6	17	12
Marble Range	2319	98MR004	13972	15	20	1	5	4	<0.1	3	18	14

Tenement	EL No.	Drillhole No.	Sample No.	Depth From	Depth To	Au (ppb)	As (ppm)	Cu (ppm)	Ag (ppb)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Marble Range	2319	98MR004	13973	20	25	2	5	2	<0.1	2	13	17
Marble Range	2319	98MR004	13974	25	30	<1	<5	5	<0.1	2	14	15
Marble Range	2319	98MR004	13975	30	34	<1	<5	3	<0.1	6	6	17
Marble Range	2319	98MR005	13976	0	5	<1	20	2	<0.1	3	12	5
Marble Range	2319	98MR005	13977	5	10	<1	<5	1	<0.1	4	2	10
Marble Range	2319	98MR005	13978	10	15	<1	<5	1	0.1	6	8	3
Marble Range	2319	98MR005	13979	15	20	<1	5	2	<0.1	4	13	8
Marble Range	2319	98MR005	13980	20	25	<1	5	2	<0.1	3	12	15
Marble Range	2319	98MR005	13981	25	30	<1	<5	2	<0.1	2	13	11
Marble Range	2319	98MR005	13982	30	35	<1	5	5	<0.1	2	26	22
Marble Range	2319	98MR005	13983	35	36	<1	<5	7	<0.1	6	34	20
Marble Range	2319	98MR006	13984	0	5	<1	5	2	0.1	3	10	5
Marble Range	2319	98MR006	13985	5	10	<1	<5	2	<0.1	1	3	2
Marble Range	2319	98MR006	13986	10	15	<1	<5	2	<0.1	2	8	2
Marble Range	2319	98MR006	13987	15	20	<1	5	2	<0.1	2	13	11
Marble Range	2319	98MR006	13988	20	25	<1	15	2	<0.1	11	12	38
Marble Range	2319	98MR006	13989	25	30	<1	5	2	<0.1	<1	6	30
Marble Range	2319	98MR006	13990	30	35	<1	5	5	<0.1	<1	6	21
Marble Range	2319	98MR006	13991	35	38	<1	10	3	<0.1	7	7	82
Marble Range	2319	98MR007	13992	0	5	<1	10	2	<0.1	2	15	7
Marble Range	2319	98MR007	13993	5	10	<1	5	1	<0.1	3	2	5
Marble Range	2319	98MR007	13994	10	15	<1	<5	2	<0.1	<1	6	<1
Marble Range	2319	98MR007	13995	15	20	<1	<5	1	<0.1	1	18	<1
Marble Range	2319	98MR007	13996	20	25	<1	<5	2	<0.1	6	20	32
Marble Range	2319	98MR007	13997	25	30	<1	<5	1	<0.1	<1	16	17
Marble Range	2319	98MR007	13998	30	35	<1	5	2	<0.1	11	10	37
Marble Range	2319	98MR007	13999	35	40	<1	5	7	0.1	25	10	66
Marble Range	2319	98MR007	14000	40	43	<1	<5	2	<0.1	39	12	155
Marble Range	2319	98MR008	14001	0	5	<1	10	2	<0.1	13	9	8
Marble Range	2319	98MR008	14002	5	10	<1	15	2	<0.1	<1	7	6
Marble Range	2319	98MR008	14003	10	15	<1	<5	2	<0.1	6	4	1
Marble Range	2319	98MR008	14004	15	20	<1	<5	1	<0.1	3	26	3
Marble Range	2319	98MR008	14005	20	25	<1	<5	2	<0.1	6	17	4

Tenement	EL No.	Drillhole No.	Sample No.	Depth From	Depth To	Au (ppb)	As (ppm)	Cu (ppm)	Ag (ppb)	Ni (ppm)	Pb (ppm)	Zn (ppm)
Marble Range	2319	98MR008	14006	25	30	<1	<5	3	<0.1	1	17	3
Marble Range	2319	98MR008	14007	30	35	<1	5	5	<0.1	3	21	18
Marble Range	2319	98MR008	14008	35	40	<1	5	4	<0.1	8	12	19
Marble Range	2319	98MR008	14009	40	45	<1	5	2	<0.1	4	9	28
Marble Range	2319	98MR008	14010	45	50	<1	<5	<1	<0.1	5	9	25
Marble Range	2319	98MR008	14011	50	55	<1	<5	11	<0.1	4	11	32
Marble Range	2319	98MR008	14012	55	60	<1	<5	4	<0.1	27	10	76
Marble Range	2319	98MR008	14013	60	63	<1	<5	1	0.1	52	5	74
Marble Range	2319	98MR009	14014	0	5	<1	15	2	<0.1	5	9	12
Marble Range	2319	98MR009	14015	5	10	<1	5	2	<0.1	2	3	3
Marble Range	2319	98MR009	14016	10	15	<1	10	3	<0.1	7	7	5
Marble Range	2319	98MR009	14017	15	20	<1	5	3	<0.1	14	13	34
Marble Range	2319	98MR009	14018	20	25	<1	10	2	<0.1	2	13	33
Marble Range	2319	98MR009	14019	25	30	<1	5	2	<0.1	9	17	37
Marble Range	2319	98MR009	14020	30	35	<1	10	2	<0.1	7	17	33
Marble Range	2319	98MR009	14021	35	40	<1	5	2	<0.1	3	12	31
Marble Range	2319	98MR009	14022	40	45	<1	<5	3	<0.1	8	18	50
Marble Range	2319	98MR009	14023	45	48	<1	<5	7	<0.1	10	14	90
Marble Range	2319	98MR010	14024	0	5	1	15	3	<0.1	9	11	12
Marble Range	2319	98MR010	14025	5	10	<1	<5	3	<0.1	9	3	6
Marble Range	2319	98MR010	14026	10	15	1	5	<1	<0.1	2	7	3
Marble Range	2319	98MR010	14027	15	20	1	10	3	<0.1	12	12	10
Marble Range	2319	98MR010	14028	20	25	<1	10	4	<0.1	3	11	16
Marble Range	2319	98MR010	14029	25	28	<1	5	1	<0.1	3	10	18

Appendix 3
Drillhole Logs

Goldstream Mining

Drill Logging Codes: Summary

Igneous (non-extrusive)

Gdl- dolerite
Ggd- granodiorite
Ggu- granitic rock (undifferentiated)
Gmu- mafic rock (undifferentiated)
Gpg- pegmatite
Gum- ultramafic general
Gfu - felsic rock (undifferentiated)
Gry - rhyolite

Metamorphic

Mgn- gneiss
Msc- schist
Mam - amphibolite
Mms - schist
Mmu - metamorphic
undifferentiated

Sediments- Clastic

Ssn- sandstone
Ssl- siltstone
Sqt - quartzite
Scy - claystone
Smd - mudstone
Sar - arenite

Sediments - Chemical

Sjs - jaspilite/jasper
Sil - iron formation silica facies

Volcanics

Vrd- rhyodacitic volcanic
Yry- rhyolite volcanic
Vbs - basalt
Vum - ultramafic volcanic
Vvm- mafic volcanic
Try - rhyolitic tuff
Vvf - felsic volcanic

Regolith & Overburden

Occ- calcrete
Ocy- clay
Ofc- ferricrete
Ogv- gravel
Osn- sand (unconsolidated)
Ost- silcrete
cy - clay general
Ohp - hardpan
Osu - soil general
Oou - overburden general
Oln - lignite

Other

Ind- indurated
ox- oxidised
pal- pallid
sap- saprolitic
shd- sheared
sl- slightly
st- strongly
tr- trace
bnd- bedded/banded
Rku - rock general
pyc- pyroclastic
por - porphyritic/phenocrysts
mod - moderately
hpn - hardpan
wk - weak
Vqz - quartz vein

Mineral Names

apy- arsenopyrite
bi- biotite
cl- chlorite
fx- feldspar
gn- garnet
he- haematite
li- limonite
nt- nontronite
py-pyrite
qz- quartz
se/sr/ser- sericite
ep- epidote
fe - iron
go - goethite
gy - gypsum
si - silica
fl - fluorite
gr/gf - graphite
ck - chalcedony
ca - calcite
az - azurite
mu - muscovite
di - diopside

Alteration

acl- chlorite alteration
ahe/he alt- haematite alteration
ep alt- epidote alteration
aser/asr - sericite alteration
asi - silica alteration

Weathering

Whl- highly weathered
Wmd- moderately weathered
Wsl- slightly weathered
Frs- fresh

Colour

A- grey
B- brown
G- green
I- pink
L- olive
N- black
O- orange
P- purple
R- red
U- blue
W- white
Y- yellow

Strength/Shade

1- very pale
2- pale
3- light
4- medium light
5- moderate
6- dusky
7- very dusky
8- dark
9- very dark

HOLE NO. : 98 MR 001

Tenement name/no: Marble Range Prospect: Regional Type: RAB

Location : E 548650 N 6183250 Elevation: T.D.....46m

Azimuth/Inclination: - / - 90° Logged by: P.G. Date: 29/9/1998

From	To	Geology	Weathering	Sample	Au	Lithology
0	1	RAB fe pis Osn Ocy				Oou
1	2	RAB Ocy pal fe pis				
2	3	RAB Ofc Ocy pal		13940		
3	4	RAB qz Ssn Ocy				
4	5	RAB qz Ssn		x		
5	6	RAB qz Ssn				qz Ssn
6	7	RAB qz Osn pal Ocy				
7	8	Aircore qz Osn pal Ocy		13941		
8	9	Aircore qz Osn pal / qz Ssn				
9	10	Aircore qz Osn pal / qz Ssn		x		
10	11	Aircore qz Osn pal / qz Ssn				
11	12	Aircore qz Osn pal / qz Ssn				
12	13	Aircore Oln		13942		Oln
13	14	Aircore Oln				Oln
14	15	Aircore Oln		x		Oln
15	16	Aircore Oln				Oln
16	17	Aircore Oln				Oln
17	18	Aircore Oln		13943		Oln
18	19	Aircore Oln				Oln
19	20	Aircore Oln		x		Oln
20	21	Aircore Oln				Oln
21	22	Aircore Oln				Oln
22	23	Aircore Oln		13944		Oln
23	24	Aircore Oln				Oln
24	25	Aircore Oln		x		Oln
25	26	Aircore Oln				Oln
26	27	Aircore Oln				Oln
27	28	Aircore Oln		13945		Oln
28	29	Aircore Oln				Oln
29	30	Aircore Oln		x		Oln

HOLE NO. : 98 MR 001

From	To	Geology	Weathering	Sample	Au	Lithology
30	31	Aircore Oln				Oln
31	32	Aircore Oln				Oln
32	33	Aircore Oln				Oln
33	34	Aircore Oln		13946		Oln
34	35	Aircore Oln				Oln
35	36	Aircore Oln				Oln
36	37	Aircore Oln				Oln
37	38	Aircore Oln				Oln
38	39	Aircore Oln				Oln
39	40	Aircore Oln		x		Oln
40	41	Aircore Vqz (?) + sulphide				Vqc (?)
41	42	Aircore Vqz (?) + sulphide				Vqc (?)
42	43	Aircore Vqz (?) + sulphide		13947		Vqc (?)
43	44	Aircore Vqz (?) + sulphide Qz Ssn				Vqc (?)
44	45	Aircore Vqz (?) + sulphide		x		Vqc (?)
45	46	Aircore Vqz + sulphide		13948		Vqc (?)
46	47	Blade refusal @ 46.0m				
47	48					
48	49					
49	50					
50	51					
51	52					
52	53					
53	54					
54	55					
55	56					
56	57					
57	58					
58	59					
59	60					
60	61					
61	62					
62	63					
63	64					
64	65					

HOLE NO. : 98 MR 002

Tenement name/no: Marble Range Prospect: Regional Type: Aircore

Location : E 548650 N 6183300 Elevation: T.D.....55m

Azimuth/Inclination: - / - 90° Logged by: P.G. Date: 29/9/1998

From	To	Geology	Weathering	Sample	Au	Lithology
0	1	Osn Ofc Opis				Oou
1	2					
2	3	Osn		13949		Osn
3	4	Osn				Osn
4	5	Osn		x		Osn
5	6	Osn				Osn
6	7	Osn				Osn
7	8	Osn		13950		Osn
8	9	Osn				Osn
9	10	Osn		x		Osn
10	11	Osn				Osn
11	12	Osn				Osn
12	13	Osn		13951		Osn
13	14	Osn				Osn
14	15	Osn Oln		x		Oln
15	16	Oln				Oln
16	17	Oln				Oln
17	18	Oln		13952		Oln
18	19	Oln				Oln
19	20	Oln		x		Oln
20	21	Oln				Oln
21	22	Oln				Oln
22	23	Oln		13953		Oln
23	24	Oln				Oln
24	25	Oln		x		Oln
25	26	Oln				Oln
26	27	Oln				Oln
27	28	Oln		13954		Oln
28	29	Oln				Oln
29	30	Oln				Oln

HOLE NO.: 98 MR 002

From	To	Geology	Weathering	Sample	Au	Lithology
30	31	Aircore Oln				Oln
31	32	Aircore Oln				Oln
32	33	Aircore Oln		13955		Oln
33	34	Oln				Oln
34	35	Oln		x		Oln
35	36	Oln				Oln
36	37	Oln				Oln
37	38	Oln		13956		Oln
38	39	Oln				Oln
39	40	Oln		x		Oln
40	41	Oln				Oln
41	42	Oln				Oln
42	43	Oln		13957		Oln
43	44	Oln				Oln
44	45	Oln		x		Oln
45	46	Oln				Oln
46	47	Oln				Oln
47	48	Oln qz Ssn Vqz(?) qz Ogv		13958		Oln
48	49	Aircore H. qz Ogv Sqt (?)	Fresh			Sqt
49	50	Aircore H. qz Ogv Sqt (?)	Fresh	x		Sqt
50	51	Aircore H. qz Ogv Sqt (?)	Fresh			Sqt
51	52	Aircore H. qz Ogv Sqt (?)	Fresh	13959		Sqt
52	53	Aircore H. Sqt	Fresh			Sqt
53	54	Aircore H. Sqt	Fresh			Sqt
54	55	Aircore H. Sqt	Fresh			Sqt
55	56	Hole terminated @ 55.0m				
56	57					
57	58					
58	59					
59	60					
60	61					
61	62					
62	63					
63	64					
64	65					

HOLE NO. : 98 MR 003

Tenement name/no: **Marble Range**Prospect: **Regional**Type: **Aircore**

Location : **E 552250 N 6187700**Elevation: **T.D.....45m**

Azimuth/Inclination: **- / - 90°**Logged by: **P.G.**Date: **29/9/1998**

From	To	Geology	Weathering	Sample	Au	Lithology
0	1	Osn Ocy				Oou
1	2	li Ocy				Oou
2	3	li Ocy		13960		Oou
3	4	li Ocy				Oou
4	5	li Ocy		x		Oou
5	6	li Ocy				Oou
6	7	he li Ocy pal (?) sap				Oou
7	8	he li Ocy pal (?) sap		13961		Oou
8	9	he li Ocy pal (?) sap				Oou
9	10	he li Ocy pal (?) sap		x		Oou
10	11	he li Ocy pal (?) sap				Oou
11	12	he li Ocy pal (?) sap				Oou
12	13	he li Ocy pal (?) sap		13962		Oou
13	14	he li Ocy pal (?) sap				Oou
14	15	he li Ocy pal (?) sap		x		Oou
15	16	he li Ocy pal (?) sap				Oou
16	17	he li Ocy pal (?) sap				Oou
17	18	he li Ocy pal (?) sap		13963		Oou
18	19	he li Ocy pal (?) sap				Oou
19	20	he li Ocy pal (?) sap		x		Oou
20	21	he li Ocy pal (?) sap				Oou
21	22	he li Ocy pal (?) sap				Oou
22	23	he li Ocy pal (?) sap		13964		Oou
23	24	Ocy / Msc sap pal A5				Msc sap
24	25	Ocy / Msc sap pal A5		x		Msc sap
25	26	Ocy / Msc sap pal A5				Msc sap
26	27	Ocy / Msc sap pal A5				Msc sap
27	28	cl Msc sap BG7		13965		Msc sap
28	29	cl Msc sap				Msc sap
29	30	cl Msc sap				Msc sap

HOLE NO. : 98 MR 003

From	To	Geology	Weathering	Sample	Au	Lithology
30	31	cl qz Msc sap				Msc sap
31	32	cl qz Msc sap				Msc sap
32	33	cl qz Msc sap		13966		Msc sap
33	34	cl qz Msc sap				Msc sap
34	35	cl qz Msc sap		x		Msc sap
35	36	cl qz Msc sap				Msc sap
36	37	cl qz Msc sap				Msc sap
37	38	cl qz Msc sap		13967		Msc sap
38	39	cl qz Msc sap				
39	40	qz cl Msc AG7	Whl	x		Msc
40	41	qz cl Msc AG7	Wmd			Msc
41	42	qz cl Msc AG7	Fresh			Msc
42	43	cl Msc ± Vqz(?) Sqt(?)	Fresh	13968		Msc
43	44	cl Msc ± Vqz(?) Sqt(?)	Fresh			Msc
44	45	Sqt (?) cl Msc	Fresh	x		Msc
45	46	Blade refusal @ 45.0m				
46	47					
47	48					
48	49					
49	50					
50	51					
51	52					
52	53					
53	54					
54	55					
55	56					
56	57					
57	58					
58	59					
59	60					
60	61					
61	62					
62	63					
63	64					
64	65					

HOLE NO. : 98 MR 004

Tenement name/no: Marble Range

Prospect: Regional

Type: Aircore

Location : E 552250 N 6187650

Elevation:

T.D.....34m

Azimuth/Inclination: - / - 90°

Logged by: P.G.

Date: 29/9/1998

From	To	Geology	Weathering	Sample	Au	Lithology
0	1	Osn Opis				Oou
1	2	fe Ocy				Ocy
2	3	fe Ocy		13969		Ocy
3	4	fe Ocy				Ocy
4	5	he li Ocy		x		Ocy
5	6	he li Ocy				Ocy
6	7	he li Ocy				Ocy
7	8	li Ocy		13970		Ocy
8	9	li Ocy				Ocy
9	10	Ocy pal		x		Ocy
10	11	li Ocy pal				Ocy
11	12	li Ocy pal				Ocy
12	13	li Ocy		13971		Ocy
13	14	li Ocy				Ocy
14	15	li Ocy		x		Ocy
15	16	he Ocy				Ocy
16	17	li cl Msc sap				Msc
17	18	Vqz cl Msc	Wmd	13972		Msc
18	19	cl qz Msc sap	Whl			Msc
19	20	qz cl Msc sap	Whl	x		Msc
20	21	qz cl Msc sap	Whl			Msc
21	22	qz fx (?) cl Msc	Whl			Msc
22	23	qz fx (?) cl Msc		13973		Msc
23	24	qz fx (?) cl Msc				Msc
24	25	qz fx (?) cl Msc		x		Msc
25	26	qz fx (?) cl Msc				Msc
26	27	qz fx (?) cl Msc				Msc
27	28	qz fx (?) cl Msc	Wmd	13974		Msc
28	29	qz fx (?) cl Msc	Wmd			Msc
29	30	qz fx cl Msc	Whl			Msc

HOLE NO. : 98 MR 004

From	To	Geology	Weathering	Sample	Au	Lithology
30	31	qz fx cl Msc (?)	Wmd			qz Msc
31	32	qz fx cl Msc (?)	Wmd			qz Msc
32	33	qz fx (?) cl Msc (?)		13975		qz Msc
33	34	qz fx cl bi li Mgn/Msc	Wsl			Mgn (?)
34	35	Blade refusal @ 34.0m				
35	36					
36	37					
37	38					
38	39					
39	40					
40	41					
41	42					
42	43					
43	44					
44	45					
45	46					
46	47					
47	48					
48	49					
49	50					
50	51					
51	52					
52	53					
53	54					
54	55					
55	56					
56	57					
57	58					
58	59					
59	60					
60	61					
61	62					
62	63					
63	64					
64	65					

HOLE NO. : 98 MR 005

Tenement name/no: Marble Range Prospect: Regional Type: Aircore

Location : E 552250 N 6187600 Elevation: T.D.....36m

Azimuth/Inclination: - / - 90° Logged by: P.G. Date: 29/9/1998

From	To	Geology	Weathering	Sample	Au	Lithology
0	1	Osn Opis				Oou
1	2	Ofc				Oou
2	3	Ofc		13976		Oou
3	4	Ofc				Oou
4	5	he li Ocy pal		x		Ocy
5	6	Ocy pal				Ocy
6	7	Ocy pal				Ocy
7	8	Ocy pal		13977		Ocy
8	9	he Ocy pal				Ocy
9	10	he Ocy pal		x		Ocy
10	11	Ocy pal				Ocy
11	12	Ocy pal				Ocy
12	13	Ocy pal		13978		Ocy
13	14	Ocy pal				Ocy
14	15	li Ocy pal		x		Ocy
15	16	li Ocy pal				Ocy
16	17	li Ocy pal				Ocy
17	18	li Ocy pal		13979		Ocy
18	19	li Ocy pal				Ocy
19	20	li Ocy pal		x		Ocy
20	21	cl li Ocy / Msc sap				Msc sap
21	22	cl li Ocy / Msc sap				Msc sap
22	23	cl li Ocy		13980		Msc sap
23	24	cl li Ocy				Msc sap
24	25	qz cl li Msc sap		x		Msc sap
25	26	qz cl li Msc sap				Msc sap
26	27	qz cl li Msc sap				Msc sap
27	28	qz cl li Msc sap		13981		Msc sap
28	29	qz cl li Msc sap				Msc sap
29	30	qz fx li cl Msc	Whl			Msc

HOLE NO. : 98 MR 005

From	To	Geology	Weathering	Sample	Au	Lithology
30	31	qz fx li cl Msc (?)				Msc
31	32	qz fx li cl Msc (?)				Msc
32	33	qz fx li cl Msc (?)		13982		Msc
33	34	qz fx cl Msc (?)	Fresh			Msc
34	35	Msc / Mgn		x		Msc
35	36	qz fx bi li Mgn		13983		Mgn
36	37	Blade refusal @ 36.0m				
37	38					
38	39					
39	40					
40	41					
41	42					
42	43					
43	44					
44	45					
45	46					
46	47					
47	48					
48	49					
49	50					
50	51					
51	52					
52	53					
53	54					
54	55					
55	56					
56	57					
57	58					
58	59					
59	60					
60	61					
61	62					
62	63					
63	64					
64	65					

HOLE NO. : 98 MR 006

Tenement name/no: Marble Range Prospect: Regional Type: Aircore

Location : E 552250 N 6187550 Elevation: T.D.....38

Azimuth/Inclination: - / - 90° Logged by: P.G. Date: 30/9/1998

From	To	Geology	Weathering	Sample	Au	Lithology
0	1	Ocy Osn Opis				Oou
1	2	H Ocy pal				Oou
2	3	H Ocy pal		13984		Oou
3	4	H Ocy pal				Oou
4	5	Osn pal		x		Oou
5	6	Osn pal				Oou
6	7	Ocy pal				Oou
7	8	Ocy pal		13985		Oou
8	9	li Ocy pal				Oou
9	10	li Ocy pal		x		Oou
10	11	qz Ogv Ocy pal				Oou
11	12	qz Ogv Ocy pal				Oou
12	13	qz Ogv Ocy pal		13986		Oou
13	14	li Ocy pal				Oou
14	15	li Ocy pal		x		Oou
15	16	li Ocy pal				Oou
16	17	li Ocy pal				Oou
17	18	ser Ocy pal		13987		Oou
18	19	ser Ocy pal				Oou
19	20	ser Ocy pal		x		Oou
20	21	he cl Msc sap pal				Msc pal
21	22	he cl Msc sap pal				Msc pal
22	23	he cl Msc sap pal		13988		Msc pal
23	24	he cl Msc sap pal				Msc pal
24	25	Msc sap pal		x		Msc pal
25	26	Msc sap pal				Msc pal
26	27	Msc sap pal				Msc pal
27	28	Msc sap pal		13989		Msc pal
28	29	Msc sap pal				Msc pal
29	30	Msc sap pal				Msc pal

HOLE NO. : 98 MR 006

From	To	Geology	Weathering	Sample	Au	Lithology
30	31	qz fx Msc (?) Vqz (?)				Msc
31	32	qz fx Msc (?) Vqz (?)				Msc
32	33	qz fx bi li Mgn	Wsl	13990		Msc
33	34	qz fx bi li Mgn				Msc
34	35	Vqz		x		Msc
35	36	Vqz ser bi Msc				Msc
36	37	Vqz ser bi Msc		13991		Msc
37	38	Vqz ser bi Msc				Msc
38	39	Blade refusal @ 38.0m				
39	40					
40	41					
41	42					
42	43					
43	44					
44	45					
45	46					
46	47					
47	48					
48	49					
49	50					
50	51					
51	52					
52	53					
53	54					
54	55					
55	56					
56	57					
57	58					
58	59					
59	60					
60	61					
61	62					
62	63					
63	64					
64	65					

HOLE NO. : 98 MR 007

Tenement name/no: Marble Range Prospect: Regional Type: Aircore

Location : E 552200 N 6187550 Elevation: T.D.....42m

Azimuth/Inclination: - / - 90° Logged by: P.G. Date: 30/9/1998

From	To	Geology	Weathering	Sample	Au	Lithology
0	1	Osn fe Ocy				Oou
1	2	fe Ocy				Oou
2	3	he Ocy		13992		Oou
3	4	Ocy pal				Oou
4	5	li Ocy pal		x		Oou
5	6	li Ocy pal				Oou
6	7	li Ocy pal / sap (?)				Oou
7	8	li Ocy pal / sap (?)		13993		Oou
8	9	Ocy pal / Msc sap pal (?)				Oou
9	10	li qz Ocy		x		Oou
10	11	qz Ocy pal				Oou
11	12	qz Ocy pal				Oou
12	13	qz Ocy pal		13994		Oou
13	14	qz Ocy pal				Oou
14	15	qz Ocy pal		x		Oou
15	16	qz Ogv (?) Ocy pal				Oou
16	17	qz Ogv (?) Ocy pal				Oou
17	18	qz Ogv (?) Ocy pal		13995		Oou
18	19	qz Msc sap pal Ocy pal				Msc sap
19	20	qz Msc sap pal Ocy pal		x		Msc sap
20	21	qz Msc sap pal Ocy pal				Msc sap
21	22	qz cl he Msc sap (?)				Msc sap
22	23	qz cl he Msc sap (?)		13996		Msc sap
23	24	qz ser Msc sap pal (?)				Msc sap
24	25	qz fx (?) ser he Msc sap		x		Msc sap
25	26	qz fx ser cl Msc sap				Msc sap
26	27	qz fx ser cl Msc sap				Msc sap
27	28	qz fx se Mgn sap		13997		Msc sap
28	29	qz fx se Mgn sap				Msc sap
29	30	qz fx he Msc / Mgn sap				Msc sap

HOLE NO. : 98 MR 007

From	To	Geology	Weathering	Sample	Au	Lithology
30	31	qz fx bi Mgn sap				Mgn sap
31	32	qz fx bi he Mgn	Whl			Mgn (?)
32	33	qz fx bi he Mgn	Whl	13998		Mgn (?)
33	34	qz fx bi he Mgn	Wmd			Mgn (?)
34	35	qz fx bi he Mgn	Wmd	x		Mgn (?)
35	36	qz fx bi Msc	Wmd			Msc
36	37	qz fx bi Msc	Wmd			Msc
37	38	qz fx bi Msc	Wmd	13999		Msc
38	39	qz fx bi Msc	Wmd			Msc
39	40	qz bi fx Msc ± Vqz	Wsl	x		Msc
40	41	qz bi Msc	Fresh	14000		Msc
41	42	qz bi Msc	Fresh			Msc
42	43	qz bi Msc	Fresh			Msc
43	44	Blade refusal @ 43.0m				
44	45					
45	46					
46	47					
47	48					
48	49					
49	50					
50	51					
51	52					
52	53					
53	54					
54	55					
55	56					
56	57					
57	58					
58	59					
59	60					
60	61					
61	62					
62	63					
63	64					
64	65					

HOLE NO. : 98 MR 008

Tenement name/no: Marble Range

Prospect: Regional

Type: Aircore

Location : E 552150 N 6187550

Elevation:

T.D.....63m

Azimuth/Inclination: - / - 90°

Logged by: P.G.

Date: 30/9/1998

From	To	Geology	Weathering	Sample	Au	Lithology
0	1	Osn Opis Ocy				Oou
1	2	fe Ocy				Oou
2	3	fe Ocy		14001		Oou
3	4	fe Ocy				Oou
4	5	fe Ocy		x		Oou
5	6	fe Ocy				Oou
6	7	fe Ocy				Oou
7	8	Ocy pal		14002		Oou
8	9	Ocy pal				Oou
9	10	Ocy pal		x		Oou
10	11	qz Ocy pal / Osn				Oou
11	12	qz Ocy pal / Osn				Oou
12	13	qz Ocy pal / Osn		14003		Oou
13	14	qz Ocy pal				Oou
14	15	qz Ocy pal		x		Oou
15	16	qz Ocy pal				Oou
16	17	qz Ocy pal				Oou
17	18	qz Ocy pal		14004		Oou
18	19	qz Ocy pal				Oou
19	20	qz Ocy pal		x		Oou
20	21	qz Ocy pal				Oou
21	22	qz Ocy pal				Oou
22	23	qz li Ocy pal Msc sap pal (?)		14005		Msc sap
23	24	qz li Ocy pal Msc sap pal (?)				Msc sap
24	25	qz li Ocy pal Msc sap pal (?)		x		Msc sap
25	26	qz li Ocy pal Msc sap pal (?)				Msc sap
26	27	qz li Ocy pal Msc sap pal (?)				Msc sap
27	28	qz li Ocy pal Msc sap pal (?)		14006		Msc sap
28	29	qz li Ocy pal Msc sap pal (?)				Msc sap
29	30	qz li Ocy pal Msc sap pal (?)		x		Msc sap

HOLE NO. : 98 MR 008

From	To	Geology	Weathering	Sample	Au	Lithology
30	31	qz se Ocy (?) Msc sap pal				Msc sap
31	32	qz se Ocy (?) Msc sap pal				Msc sap
32	33	qz se Ocy (?) Msc sap pal		14007		Msc sap
33	34	qz se Ocy (?) Msc sap pal				Msc sap
34	35	qz se Ocy (?) Msc sap pal		x		Msc sap
35	36	qz fx li he bi Msc ± talc (?)	Whl			Msc
36	37	qz fx li he bi Msc + talc (?)	Whl			Msc
37	38	qz bi cl (?) Msc	Whl	14008		Msc
38	39	qz bi cl (?) Msc	Whl			Msc
39	40	qz bi cl Msc	Wmd	x		Msc
40	41	qz bi cl Msc	Wmd			Msc
41	42	qz bi cl Msc	Wmd			Msc
42	43	qz bi cl Msc	Wmd	14009		Msc
43	44	qz bi cl Msc	Wmd			Msc
44	45	qz bi cl Msc	Wmd	x		Msc
45	46	qz bi cl Msc	Wmd			Msc
46	47	qz bi cl Msc	Wmd			Msc
47	48	qz bi cl Msc	Wmd	14101		Msc
48	49	qz bi cl Msc	Wmd			Msc
49	50	qz bi cl Msc	Wsl	x		Msc
50	51	qz bi cl Msc	Wsl			Msc
51	52	qz bi cl Msc	Wsl			Msc
52	53	qz bi cl Msc	Wsl	14011		Msc
53	54	qz bi cl Msc	Wsl			Msc
54	55	qz fx bi cl Msc	Wsl	x		Msc
55	56	qz fx bi cl Msc	Wsl			Msc
56	57	qz fx bi cl Msc	Wsl			Msc
57	58	qz fx bi cl Msc	Wsl	14012		Msc
58	59	qz fx bi cl Msc	Wsl			Msc
59	60	qz fx bi cl Msc	Wsl	x		Msc
60	61	qz bi Msc	Wsl			Msc
61	62		Wsl	14013		Msc
62	63	bi qz fx Msc	Fresh			Msc
63	64	E.O.H.				
64	65					

HOLE NO. : 98 MR 009

Tenement name/no: Marble Range

Prospect: Regional

Type: Aircore

Location : E 552150 N 6187500

Elevation:

T.D.....48m

Azimuth/Inclination: - / - 90°

Logged by: P.G.

Date: 30/9/1998

From	To	Geology	Weathering	Sample	Au	Lithology
0	1	Osn Ocy Opis				Oou
1	2	fe Ocy				Oou
2	3	Ocy pal		14014		Oou
3	4	he Ocy pal				Oou
4	5	he Ocy pal		x		Oou
5	6	he Ocy pal				Oou
6	7	li qz Ocy pal				Oou
7	8	li qz Ocy pal		14015		Oou
8	9	li qz Ocy pal				Oou
9	10	li qz Ocy pal		x		Oou
10	11	he qz Ocy pal				Oou
11	12	qz li Osn Ocy				Oou
12	13	qz li Osn Ocy		14016		Oou
13	14	qz li Osn Ocy				Oou
14	15	he bi li Msc (?) sap		x		Msc sap
15	16	bi cl li Msc sap				Msc sap
16	17	bi cl li Msc sap				Msc sap
17	18	bi cl li Msc sap		14017		Msc sap
18	19	bi cl li Msc sap				Msc sap
19	20	li he Msc sap		x		Msc sap
20	21	li he Msc sap				Msc sap
21	22	li he Msc sap				Msc sap
22	23	li he Msc sap		14018		Msc sap
23	24	li he Msc sap				Msc sap
24	25	li he Msc sap		x		Msc sap
25	26	li he Msc sap				Msc sap
26	27	qz hi li fx (?) Msc sap pal				Msc sap
27	28	qz hi li fx (?) Msc sap pal		14019		Msc sap
28	29	qz hi li fx (?) Msc sap pal				Msc sap
29	30	qz hi li fx (?) Msc sap pal				Msc sap

HOLE NO. : 98 MR 009

From	To	Geology	Weathering	Sample	Au	Lithology
30	31	qz li fx (?) Ocy Msc sap (?)				Msc sap
31	32	qz li fx (?) Ocy Msc sap (?)				Msc sap
32	33	qz he bi fx (?) Msc sap		14020		Msc sap
33	34	qz he bi fx (?) Msc sap				Msc sap
34	35	qz he bi fx (?) Msc sap		x		Msc sap
35	36	qz he bi fx (?) Msc sap				Msc sap
36	37	qz he bi fx (?) Msc sap				Msc sap
37	38	qz he bi fx (?) Msc sap		14021		Msc sap
38	39	qz fx hi bi Msc sap				Msc sap
39	40	qz fx hi bi Msc sap		x		Msc sap
40	41	qz fx hi bi Msc sap				Msc sap
41	42	qz bi Msc	Wsl			Msc
42	43	qz bi Msc		14022		Msc
43	44	qz bi cl Msc / Mgn				Msc
44	45	qz bi cl Msc / Mgn		x		Msc
45	46	qz bi cl Msc / Mgn				Msc
46	47	qz bi cl fx Mgn / Msc				Msc
47	48	qz fx bi cl Msc / Mgn		14023		Msc
48	49	Hole terminated @ 48.0m				
49	50					
50	51					
51	52					
52	53					
53	54					
54	55					
55	56					
56	57					
57	58					
58	59					
59	60					
60	61					
61	62					
62	63					
63	64					
64	65					

HOLE NO. : 98 MR 010

Tenement name/no: Marble RangeProspect: RegionalType: Aircore

Location : E 552150 N 6187400Elevation: T.D.....28m

Azimuth/Inclination: - / - 90°Logged by: P.G.Date: 30/9/1998

From	To	Geology	Weathering	Sample	Au	Lithology
0	1	Osn Ocy				Oou
1	2	Osn Ocy				Oou
2	3	fe Ocy		14024		Oou
3	4	Ocy pal				Oou
4	5	Ocy pal		x		Oou
5	6	Ocy pal				Oou
6	7	Ocy pal				Oou
7	8	Ocy pal		14025		Oou
8	9	Ocy pal				Oou
9	10	Ocy pal		x		Oou
10	11	qz Ocy pal				Oou
11	12	qz Ocy pal				Oou
12	13	qz Ocy pal		14026		Oou
13	14	qz Ocy pal				Oou
14	15	qz Ocy pal		x		Oou
15	16	qz Ocy pal				Oou
16	17	qz Ocy pal				Msc sap
17	18	qz he li Msc sap pal		14027		Msc sap
18	19	qz he li Msc sap pal				Msc sap
19	20	qz he li Msc sap pal		x		Msc sap
20	21	qz he li Msc sap pal				Msc sap
21	22	qz fx li Msc sap pal				Msc sap
22	23	qz fx li Msc sap pal		14028		Msc sap
23	24	qz fx li Msc sap pal				Msc sap
24	25	qz fx bi li Msc	Wmd	x		Msc
25	26	qz fx bi li Msc	Wmd			Msc
26	27	qz fx bi li Msc / Mgn	Wsl	14029		Msc
27	28	qz fx li he bi Msc	Wsl			
28	29	Blade refusal @ 28.0m				
29	30					