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FINAL REPORT

EXPLORATION REPORT FOR E.L. 11/77

MT. PARIS

FOR THE PERIOD 1.1.78 - 19.6.78

by
N.G. Clarke 78-1281

OPEN FILE

Distribution:

- 1. Newmont Pty. Ltd., Melbourne.
- 2. ICI Australia Limited, Melbourne.
- 3. Mineral Holdings Aust. Pty. Ltd., Melbourne.
- 4. Department of Mines, Hobart.

July, 1978.

AMG REFERENCE POINTS ADDED

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1. INTRODUCTION

Exploration Licence 11/77 (vicinity of Ringarooma) was issued to Mineral Holdings Australia Pty. Ltd. on May 1, 1977 for the period of one year and renewed for a further six months on May 1, 1978. Agreement was reached whereby Newmont Pty. Ltd. and ICI Australia Ltd. joined Mineral Holdings in exploration of the licence. Newmont is the Managing partner.

E.L. 11/77 is located between the townships of Ringarooma, Branxholm and Weldborough in the north-east of Tasmania. It is an area of moderately high relief with a high rainfall and is covered by rainforest. Reasonable access is provided by Forestry Commission roads and logging tracks.

The Exploration Licence covers the prospective portion of the Mt. Paris Mass, part of the Blue Tier Batholith. The Mt. Paris Mass and the Lottah Sheets to the east are the main centres of primary tin mineralisation within the Batholith. Recent exploration for primary tin deposits has been concentrated on the Lottah Sheets (Blue Tier Tinfield), although the geological setting of the two areas is similar.

At the turn of the century there was extensive small scale mining on the Mt. Paris Mass, mainly for alluvial tin but also for eluvial and lode tin. Recent exploration work has been carried out by Mr. H.T. Reardon and Partners (E.L. 15/68) and Texins Development Pty. Ltd. (E.L. 6/68).

Exploration work carried out by Reardon consisted mainly of bulldozing costeans over areas of known greisen development and over the granite-sediment contact searching for further greisens. In addition the Bells Plains area (a shallow basin within the mineralised area) was tested for alluvial tin. In general the costeans were not adequately sampled, although the Tasmanian Mines Department carried out some sampling during a geological survey of the E.L. (Solomon 1971, Groves 1972). The Mines Department also assessed the Ruby

Flat area as a kaolinite-cassiterite prospect, concluding that the grades were too low (Groves 1972).

Texins Development Pty. Ltd. explored the Star of Peace-Rattler Hill area with a programme of geological mapping and stream sediment, soil and rock chip geochemistry followed by diamond drilling. Four holes were drilled into greisens at Rattler Hill with poor results, the best intersection being 2 m at 0.27% Sn.

Exploration carried out by Newmont has consisted of regional and detailed geological mapping and geochemical sampling followed by a programme of shallow percussion drilling. Ninety-nine drill holes totalling 1980 m were drilled over areas shown to be anomalous in tin, and also over prospective areas which could not be adequately tested by chip sampling because of poor outcrop.

2. GEOLOGY AND MINERALISATION

The oldest rocks in the region are the Mathinna Beds of Upper Silurian-Lower Devonian age. In the licence area these comprise a sequence of siltstones and less common argillaceous sandstones. No calcareous rocks are present.

The Mathinna Beds underwent folding during the Middle Devonian Tabberabberan Orogeny resulting in broad folds with a general NNW-SSE trend. Major faults occur with a main trend sub-parallel to the fold axial planes. Small and large cross fractures also occur (Fig. 1). Groves (1977) regards the two fracture systems as being related to folding.

These fractures controlled the passive emplacement of the post-Tabberabberan (Upper Devonian) Blue Tier Batholith. The batholith is a composite body intruded in sequence from early mafic granodiorites to late leucocratic granites. The plutons have sharp discordant contacts and narrow zones of contact metamorphism (10's to 100's of metres). The youngest major intrusions of the batholith are small bodies of muscovite-biotite granite characterised by the development of greisenisation and tin mineralisation.

The Exploration Licence covers the southern portion of the Mt. Paris Mass, one of the larger muscovite-biotite granite bodies.

Remnants of Tertiary basaltic flows complete the rock types present within the licence area.

The south-western portion of the Mt. Paris Mass is partly mantled by intruded Mathinna Bed sediments. The roof zone of the granite is therefore partly preserved, and it was found that in nearly all cases primary tin mineralisation occurred at or in close proximity to the contact with the sediments.

Mineralised veins were not observed in the overlying sediments and it appears that the argillaceous sediments acted as an impervious capping.

Tin mineralisation occurs principally in steeply-dipping greisen "veins", consisting of quartz and muscovite with minor topaz and occasional disseminated sulphides. Cassiterite occurs disseminated within the greisen "veins" or as coarsely crystalline aggregates on fracture surfaces within the "veins". If wolframite is present it tends to occur with quartz in the core of the "vein" (e.g. Cox's Lode).

Partial alteration of the muscovite-biotite granite host rock occurs adjacent to the greisen "veins". Drilling at Rattler Hill by Texins (1971) indicated that anomalous amounts of fluorine occurs either side of cassiterite-bearing greisens. At the Star of Peace, sampling of apparently unaltered granite immediately adjacent to the sediment contact revealed anomalous tin contents. It appears that less obvious partial alteration can result in disseminated cassiterite mineralisation in the host granite.

The greisen "veins" are generally sub-planar bodies and appear to be fracture controlled. Adjacent to the sediment contact the form of the greisens is less regular, with pinch and swells and cross veins occurring.

It was found that the greisens occurred in a NW-SE linear zone (Fig. 2) parallel to the south-west margin of the granite with the greisen veins generally sub-parallel to the zone. This common orientation of greisen veins suggests that the faults which controlled the intrusion of the granite may also have been active during crystallisation, forming a system of fractures which acted as channelways for the rising late stage fluids. These fluids would tend to accumulate in structural traps such as domes in the roof of the granite and would, as in the channelways, cause in-situ alteration (greisenisation) of the granite. While the sub-vertical greisens are generally thin (10 cm - 2 m), it was expected that in the roof zone of the granite alteration would extend laterally underneath the impervious capping.

Flat-lying or domed portions of the granite roof overlying the greisen-bearing zone therefore appeared highly prospective for flat-lying disseminated cassiterite mineralisation.

Following this model two areas were of particular interest:

(i) Star of Peace - Rattler Hill (Fig.2, Plate 4)

This area is the highest topographically within the Mt. Paris Mass. It appeared that from the configuration of the granite-sediment boundary and small sediment remnants that the contact zone in this area was shallowly dipping. A widely-spaced cassiterite-bearing system of greisen veins underlies the sediments at this locality (Fig. 2), and could have acted as a feeder system for disseminated mineralisation immediately underneath the sediment capping.

(ii) Mt. Paris (Plates 3,6)

This area is a small (600 m x 300 m) granite dome or cupola mantled on three sides by sediments. It consists of muscovite and muscovite-biotite granite, extensively kaolinised in the upper portions. Its crest is marked by a thick (15 m)

elongate quartz greisen body. The mantle of sediment about the Mt. Paris dome suggests that it has been barely exposed by erosion and is substantially intact.

In addition to these areas, flat-lying relatively shallow sediment inliers to the north and east of Mt. Paris and overlying the greisen-bearing zone were considered prospective.

3. GEOCHEMISTRY

Rock chip geochemical sampling was aimed at the roof zone of the granite, larger greisens and swarms of greisens.

All samples taken were analysed for tin by XRF.

The roof zone was tested by sampling around the granite-sediment contact, the top 2 m of granite being sampled. A systematic coverage was attempted, however this was not possible in some areas due to poor outcrop.

The contact sampling revealed two anomalous areas:

(i) Star of Peace.

In this area anomalous samples were spread over 2 km of contact zone. Irregularly spaced samples from 500 m about the Star of Peace Mine averaged 0.1% Sn. Samples which were anomalous in tin were resubmitted for tungsten analysis, with very low results (<20 ppm W). Samples taken of granite away from the contact zone were not anomalous.

(ii) Mt. Paris.

Samples taken from near the top of the granite dome averaged 0.1% Sn. The results dropped off away from the top of the dome. At Bakhaps Lode, to the north-west of the Mt. Paris Mine and forming part of the cupola, samples of quartz greisen gave low results (0.01 - 0.04% Sn) but apparently unaltered granite nearby gave higher results (0.17, 0.23% Sn).

At Walsh's Workings, north of Mt. Paris, eluvial mining has exposed nearly 400 m of granite with a sediment capping. This provided an opportunity to test the distribution of tin in a 10-m thick zone beneath the sediment.

A series of 2-m vertical channel samples were taken at each of six points. The results showed a generally low tin content, erratically distributed.

A greisen swarm at Bells Hill was sampled with the permission of the mining lease holders, N. Brown and I. Cox. The greisens themselves had previously been well sampled by the Mines Department and Newmont sampling was aimed at disseminated cassiterite in the host rock, in the hope of raising the overall grade. The results were generally low (<0.06%).

An 800-m sampling traverse was run across kaolinised granite in the Ruby Flat area. The results were particularly low (generally <0.01% Sn). The kaolinisation may be hydrothermal in origin (Groves 1972) but it does not appear to be related to the tin mineralisation.

4. DRILLING

The shallow percussion drill programme was planned to test the roof zone of the granite in those areas known to be anomalous in tin, and also in prospective areas which were not adequately tested by rock chip sampling due to poor outcrop.

Rock chip sampling suggested that disseminated tin mineralisation would be restricted to the top two metres or less of the granite. Drill holes within the sediment capping that failed to intersect the underlying granite were generally stopped at 20 m, since excessive stripping ratios make potential deeper mineralisation unattractive.

The drilling was carried out using 'Air-Tracs' light crawler-mounted percussion rigs which are mobile and relatively cheap. The depth penetration was a maximum

of 50 m, dependent on conditions. Ninety-nine holes were drilled in four areas, totalling 1980 m.

(a) Star of Peace Area (Plates 4,5)

Grid pattern percussion drilling at the Star of Peace Prospect tested granite beneath a shallow sediment capping. Drill holes were planned at 50-m intervals on two traverses 200 m apart. It was found that the dip of the granite-sediment contact was greater than expected, so drill holes were sited closer to the contact in order to intersect granite. Drilling on the original grid was completed on a wider-than-planned spacing, with some deeper check holes. The drill spacing was still sufficient to preclude the possibility of dome structures within reach of open cut mining.

The dip of the contact zone ($8-20^{\circ}$) reduces the potential tonnage of mineralisation in the contact zone available to open cut mining.

At the Star of Peace Mine the configuration of the granite-sediment boundary had suggested a shallowly-dipping contact zone. This area proved to be a dyke-like protuberance from the main granite body.

Most of the granite intersected was apparently unaltered muscovite-biotite granite. Samples from only two holes (110N 100E and 166N 86E) showed a significant level of greisenisation. Slight kaolinisation was erratically distributed, strong kaolinisation being noted only in drill hole 70N 86E.

Two 2-m samples were collected from each drill hole which intersected granite. The assays were all less than 0.1% Sn (Plate 5) with a maximum of 650 ppm Sn over 4 m at 160N 83E. The results indicate that there is not significant disseminated tin mineralisation in the roof zone of the granite in this area.

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(b) Mt. Paris (Plate 3)

The Mt. Paris and Bakhaps workings are sited on a small, partly exposed cupola of altered granite within the roof of the granite mass. Geochemical samples from the upper portion of the cupola at Mt. Paris averaged 0.1% Sn. Samples from Bakhaps gave anomalous but erratic values.

Two traverses of drill holes through the sediment cover were planned to test the cupola. The lower (northern) traverse failed to intersect granite with alternating 20 and 30-m holes. On the upper traverse, sited close to the crest of the cupola, three holes intersected granite at 32 to 38 m. Drill hole MP14 contained partly greisenised muscovite granite while drill holes MP12 and MP16 contained strongly kaolinised muscovite granite. The assays from the holes were all very low (<50 ppm Sn). The low assays and the relatively thick sediment cover indicate that no further work is warranted on this structure.

On the shallow sediment inlier to the north of Mt. Paris 20-m holes were drilled at 200-m intervals (Plate 1). The granite proper was not intersected in any of the holes, however thin veins of muscovite granite were intersected in DH MP23 (total depth 34 m). A fill-in drill hole 50 m to the north intersected greisen and quartz veins. Analyses from both holes were very low.

(c) New Hope (Plates 1,2)

On the Old Star of Peace track east of New Hope (Fig.4) greisen veins were found within siltstone. While no stockwork development was evident, the greisens suggested the possibility of shallowly-covered granite.

One hole was drilled adjacent to the greisens to a depth of 30 m without intersecting the granite proper, however thin veins of greisen and muscovite granite were intersected. Fill-in holes of 30 m and 20 m to the east and west were drilled, intersecting sediment only. The greisen and granite did not contain appreciable amounts of tin.

At the New Hope area two holes (NH 4,5) were drilled through sediment adjacent to a swarm of quartz greisens. Both holes gave very low results. A third hole south of NH5 was stopped at 28 m without intersecting granite.

(d) Dead Horse Hill (Plate 1)

On the Dead Horse Hill sediment inlier eight 20-m holes were drilled at 200-m intervals without intersecting granite.

5. CONCLUSIONS

A programme of geological mapping and geochemical sampling followed by 1980 m of shallow percussion drilling has been completed on Exploration Licence 11/77.

A prospective zone 2 km wide and 12 km long was defined in which tin-bearing greisen occurrences in the roof of the Mt. Paris Mass are concentrated.

A major target of exploration within this zone was flat-lying or domed portions of the granite roof where disseminated cassiterite mineralisation may have formed beneath the impervious sediment capping.

At the Star of Peace Prospect a gently-dipping sediment capping overlies granite containing a widely spaced system of greisen veins. Mt. Paris comprises a small cupola of altered granite. Both areas are geochemically anomalous in tin.

The drilling programme tested the Star of Peace and Mt. Paris areas and also flat-lying relatively shallow sediment inliers overlying the greisen-bearing zone. The drilling failed to give encouraging results, indicating large overburden thicknesses and very low grades.

Continued exploration is not warranted on these results, and consequently the Joint Venture to explore Exploration Licence 11/77 has been terminated.

6. EXPENDITURE

MT. PARIS EXPENDITURE - 1.1.78-19.6.78*

		<u>\$</u>
Expenditure 1.1.78 - 31.5.78		48,787
Expenditure 1.6.78 - 19.6.78:		
Labour & Overhead	3,920	
Contracted Services -		
Assaying	650	
Dozing	2,409	
Drilling	8,312	
Rentals	(44)	
Supplies	96	
Field Living (including freight & communication)	202	
Vehicle Operating	847	
Travel & Accommodation	<u>495</u>	<u>16,887</u>
 Total Expenditure 1.1.78 - 19.6.78		 \$65,674 =====

* Date of Termination of Joint Venture.

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- GEOPHOTO MINERALS REPORTS, 1970/24 Relating to
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- GROVES, D., 1972 Geological Survey and
Sampling Programme of
Parts of Exploration
Licence 15/68 near
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- SOLOMON, M., 1971 Reconnaissance Geological
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Licence 15/68 near
Bransholm, N.E. Tasmania.

APPENDIX 1

Rock Chip Samples MP1-185, 200-229B.

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ROCK SAMPLES

AREA: MT. PARIS E.L. 11/77

SAMPLE No.	PHOTO No.	MAP No.	FORMATION	DESCRIPTION	ANALYSES in p.p.m.			
					Sn	Pb	Zn	
MP-1				Chip sample over 20 m granite, Star of Peace track.	84			
2				" " "	<20			
3				" " "	36			
4				Chip sample around sluiced area, above western-most dam, Star of Peace.	34			
5				Chip sample on track (granite), midway between MP-4 and trial pine plot, Star of Peace.	<20			
6				Outcropping granite on hill west of Star of Peace mine.	55			
7				Outcropping granite on hill north of Star of Peace mine.	140			
8				Star of Peace track between MP-4 and alluvial area (granite).	39			
9				Recently worked eluvial area, west of Star of Peace (granite).	56			
10				East of above, further from contact.	94			
11				Close to sediment contact, WSW Star of Peace, granite/greisenised granite.	580			
12				Close to sediment contact, going NE towards Star of Peace, granite/greisenised granite.	1030			
13				" " " " " granite.	1710			
14				Close to sediment contact, immediately SE of Star of Peace, " " "	1190			
15				500 m north of Star of Peace, granite near contact.	2710			
16				West of MP-15 outcropping granite, 60 m from contact.	120			
17				East of MP-15, sediment, very thin over granite.	57			
18				East of MP-17, on track, granite near contact.	590			
19				Westernmost costean, Rattler Hill lodes, 7 bands greisen total 5.5 m over 60 m.	5590			
20				Easternmost costean, " " " " " " 2.3 m over 25 m.	1980			
21				Granite, adjacent (S) to MP-19.	260			
22				Granite with two thin (20 cm) greisen veins.	78			
23				West of MP-22, granite 100 m west of contact.	61			
24				Head of Gorge Ck., on ridge top, slightly (few m vertically) from granite contact.	61			
25				Near Weldborough Road/E.L. boundary intersect, granite.	74			
26				" " " "	23			
27				Close to contact. " " "	<20			
28				Granite, Branxholm rubbish tip (old eluvial working)	100			
29				" " " "	120			
30				" " " "	120			
31				Track, south of Branxholm rubbish tip, granite.	160			
32				Royal Gordon Workings. Kaolinised granite.	72			
33				" " " "	130			

(cont'd)

A.C.S.

December 1977.

Collected by: N.G. CLARKE, C. RUSSELL

Analysed by:

Date:

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ROCK SAMPLES

AREA: MT. PARIS E.J. 11/77

SAMPLE No.	PHOTO No.	MAP No.	FORMATION	DESCRIPTION	ANALYSES in p.p.m.			
					Sn	Pb	Zn	
MP-34				Royal Gordon Workings, kaolinised granite.	130			
35				" "	150			
36				" "	65			
37				" , plus small greisen (30 cm).	70			
38				" "	110			
39				Griff's Workings,	79			
40				" "	940			
41				" "	360			
42				" "	410			
43				Ruby Flat (Baker's Discovery) Greisen and kaolinised granite 7 m.	500			
44				" " Kaolinised granite, 20 m width, S of MP-43.	170			
45				" " " " , S of MP-44.	54			
46				" " " " , N of MP-43.	180			
47				Mullin's old (eluvial) workings. Greisen & kaolinised granite.	57			
48				" " " "	260			
49				Not sampled.	N.S.			
50				Granite from walls of adit, west of Mt. Paris (on track).	<20			
51				Kaolinised granite (muscovite granite) northern wall of Mt. Paris workings.	1340			
52				" " " /greisen northern wall of Mt. Paris workings.	2080			
53				As for MP-51, further east	760			
54				" "	260			
55				" " and south, thin greisens (20 cm).	130			
56				Kaolinised granite, minor greisen southern part of workings.	<20			
57				" " " "	350			
58				Greisen north of MP-50, near contact.	2370			
59				Granite/greisen - about shaft, east of MP-50	1980			
60				Large quartz greisen 75 x 10 m top of Mt. Paris (above workings).	920			
61				Dump material, adit east of Mullin's.	970			
62				Granite, SE of Mullin's.	83			
63				" " " "	180			
64				Granite, in alluvial workings below Mt. Paris.	220			
65				Granite, on firebreak along ridge top, close to contact.	220			
66				" " " "	180			

(cont'd)

Collected by: N.G. CLARKE, C. RUSSELL

Analysed by: A.C.S.

Date: December, 1977.

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ROCK SAMPLES

AREA:

MT. PARIS, E.L. 11/77

SAMPLE No.	PHOTO No.	MAP No.	FORMATION	DESCRIPTION	ANALYSES in p.p.m.			
					Sn	Pb	Zn	
MP-67				Chip sample granite, ridge-top firebreak.	<20			
68				" " "	45			
69				" , track along ridge top.	78			
70				" " "	140			
71				" " "	20			
72				" " "	<20			
73				Chip sample, kaolinised granite, Walsh's workings (near contact).	1200			
74				" " " "	470			
75				" " " "	310			
76				Western costean, Bell's Hill, chip samples 40 m, granite & thin greisens.	590			
77				" " " , north of MP-76.	1100			
78				" " " , north of MP-77.	450			
79				Central costean, Bell's Hill, chip samples 40 m, northern end.	560			
80				" " " , southern end.	140			
81				" " " , north of MP-80.	260			
82				Tin Pot working, costean south of shaft, granite.	1610			
83				Tin Pot working, open cut, east of shaft, thin greisen & granite.	95			
84				Greisen from adit dump (Cpy, chalcocite, malachite bearing)	7240			
85				Granite from road cutting immediately west of Tin Pot adit.	58			
86				Bell's Hill, eastern costean, chip sample 50 m, northern end.	340			
87				" " " , going south.	260			
88				" " " "	570			
89				" " " "	380			
90				" " " "	590			
91				" " " , southern end.	400			
92				Small eluvial working north of Tin Pot on Cascade Dam Road.	110			
93				" " " "	72			
94				Ruby Flat Traverse, granite in eluvial working.	64			
95				Ruby Flat Traverse. On contact - granite.	38			
96				Ruby Flat Traverse. On contact - near small sediment inliers.	170			
97				Ruby Flat Traverse. On contact - near small sediment inliers.	410			
98				Ruby Flat Traverse. Granite from pit. Away from contact.	83			
99				" " " "	110			

(cont'd)

Collected by: N.G. CLARKE, C. RUSSELL, G. STEVENS

Analysed by: A.C.S.

Date: December 1977/January 1978

245018

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ROCK SAMPLES

AREA: MT. PARIS E.L. 11/77

SAMPLE No.	PHOTO No.	MAP No.	FORMATION	DESCRIPTION	ANALYSES in p.p.m.			
					Sn	Pb	Zn	
MP-100				Ruby Flat Traverse - kaolinised granite.	98			
101				" " " , small greisen (30 cm).	140			
102				" " " .	83			
103				" " " .	123			
104				" " " , small greisen (20 cm).	67			
105				" " " .	81			
106				" " " .	<20			
107				10 m Bells Hill Adit, channel sample of kaolinised granite, Portal Sn.	50			
108				5-15 m " " " " "	170			
109				15-25m " " " " "	97			
110				25-35 " " " " "	300			
111				35-45 " " " " "	140			
112				45-55 " " " " "	30			
113				55-65 " " " " "	290			
114				65-71 " " " " " Adit	99			
115				Brocks Adit chip sample of granite & greisen - west drive 9 m. collapsed - 71 m.	1080			
116				" " " " "	46			
117				" " " " - 6 m North drive.	200			
118				" " " " - 10 m "	64			
119				" " " " - 10 m "	23			
120				" " " " - 10 m "	<20			
121				Granite, off southern end of Ruby Flat traverse.	97			
122				Wall of eluvial working, East of Ruby Flat.	280			
123				Western edge of eluvial working, South of Royal Gordon.	50			
124				" " " " " "	20			
125	)			Granite & greisen near contact, 0.5 m greisen (5-m chip sample)	280			
126	)	Costean East		Granite & greisen slightly North of contact, 0.5 m greisen (10-m chip sample)	1010			
127	)	of Ruby		Granite, 20-m chip sample North of 126.	130			
128	)	Flat.		Granite, 20-m chip sample North of 127.	87			
129				Granite & greisen, 20-m chip samples, North of 125-128.	410			
130				" " " " " "	250			
131				As for MP-122, close to sub-vertical contact (no evidence of faulting-block	270			
132				" " " " " " "stopping?)	310			

(cont'd)

Collected by: T. O'HEARN, G. STEVENS (P. LEEMING, N.G. CLARKE)

Analysed by: A.C.S.

Date: January, 1978.

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NEWMONT PTY. LTD.

ROCK SAMPLES

AREA:

MT. PARIS E.L. 11/77

SAMPLE No.	PHOTO No.	MAP No.	FORMATION	DESCRIPTION	ANALYSES in p.p.m.			
					Sn	Pb	Zn	
MP-133				East of Mullin's; granite & 0.5 m greisen close to contact.	520			
134				East of Mullin's; south along contact from 133.	1630			
135				Granite, head of creek east of Bakhap's Lode.	100			
136				1.0 m greisen NE of 135.	500			
137				Granite-tailing race, eluvial workings near Mt. Paris turn-off.	130			
138				2 m quartz greisen - part of 'Bakhap's Lode'.	380			
139				Granite, at contact with sediment, Ruby Flat (near track)	97			
140				" "	91			
141				20 m chip sample over 'Main Lode', central costean, Bells Hill.	1010			
142				Granite - immediately north from 'Bakhap's Lode'.	450			
143				Quartz greisen, 3 m, part of 'Bakhap's Lode'.	140			
144				Pit, 20 m North of 143, granite.	230			
145				Pit, 20 m North of 144, granite.	2340			
146				Pit, 20 m North of 145, granite.	1710			
147				Granite near contact, north of Walsh's Workings.	420			
148				148-170 Walsh's workings. Vertical traverses taken of kaolinised granite below	<20			
149				sediment contact, 2 m channel samples. 'Top' samples (immediately beneath	120			
150				contact) were 148, 153, 156, 161, 164, 168, 170.	110			
151				See above	560			
152				"	160			
153				"	100			
154				"	7290			
155				"	210			
156				"	100			
157				"	86			
158				"	200			
159				"	170			
160				"	180			
161				"	63			
162				"	430			
163				"	230			
164				"	73			
165				"	280			

(cont'd)

Collected by: N.G. CLARKE, G. STEVENS

Analysed by: A.C.S.

Date: January, 1978.

245021

7.

020

NEWMONT PTY. LTD.

ROCK SAMPLES

AREA: MT. PARIS E.L. 11/77

SAMPLE No.	PHOTO No.	MAP No.	FORMATION	DESCRIPTION	ANALYSES in p.p.m.			
					Sn	Pb	Zn	
MP-200				27 m Chip sample of greisen & granite from costean across Cox's Lode near contact.	470			
201				20 m Chip sample of greisen & granite from costean 100 m NE from sediment contact Cox's Lode.	210			
202				30 m Chip sample Cox's Lode - greisen & granite along Branx-Weld road cutting.	190			
203				17 m Chip sample Cox's Lode - greisen & granite above & 10 m behind road cutting.	120			
204				Random chip sample of granite outcrop & boulders b/w Cox's Lode & Bells Hill workings.	310			
205				2 m Chip sample of granite immediately below sediment contact road cutting Branx side of Cox's Lode.	52			
206				25 m chip sample granite further on from MP-205.	98			
207				4 m chip sample of granite immediately below sediment contact. Costean 100 m west of Star of Peace.	57			
208				20m x 2m chip sample of granite, west to SW of Star of Peace Dam along contact.	4080			
209				Approx. 40 m Random chip sample, granite & greisen, west of Star of Peace open cut and tunnel.	500			
210				25 x 2 m chip sample of mostly granite NW of Star of Peace from track to trench.	1240			
211				4 m chip sample of granite on contact on old track approx. north of Star of Peace, east of trial pines.	910			
212				30 m x 2 m random chip sample of granite on contact 100 m west of Star of Peace on recent eluvial workings.	75			
213				2-4 m chip sample in adjacent tracks east of trial plot, & on contact.	75			
214				Random boulder & outcrop chip sampling (granite) North & NE of new trial plot.	300			
215				" " " on bulldozer blaze from track to Rattler's Hill.	450			
216				35 m Random boulder & outcrop chip sampling (granite) b/w recent eluvial west of Star of Peace and Hut.	980			
217				10 m Random chip sampling of granite & greisen outcrop at head of Black's Creek within 10 m of contact.	34			
218				2 m chip sampling of granite immediately next to contact on 2nd branch to Bells Hill from Black's Creek.	200			
219				15 m Chip sampling of granite below MP-218.	180			

(cont'd)

Collected by: P. LEEMING & T. O'HEARN

Analysed by: A.C.S.

Date: January, 1978.

245022

8.

021

NEWMONT PTY. LTD.

ROCK SAMPLES

AREA: MT. PARIS, E.A.I., 11/77

SAMPLE No.	PHOTO No.	MAP No.	FORMATION	DESCRIPTION	ANALYSES in p.p.m.			
					Sn	Pb	Zn	
MP-220				Chip sampling over greisen outcrop below contact on traverse b/w Black Creek and Brang-Weld Road.	420			
221	E of	drillhole	NH4?	Random chip sample of sediment with quartzite veinlets & (stibnite?) from creek east & midway of logging track to old Star of Peace track.	24			
222	)			Random chip sample of granite & greisen, far eastern costean (see MP-9).	500			
223	)			20 m chip sample of greisen, random costean west of above (MP-9)	120			
224	)			Random chip sample greisen only (rubble), random costean west of MP-223 (MP-9)	120			
225	)			Random chip sample greisen only, outcrop & nearby float. Most western costean (MP-9)	72			
226	)	Refer	MP-9	6 m below contact, channel sample b/w greisen & contact. Rotten granite.	77			
227	)			4 m below contact, costean immediately east of above, channel sample, rotten granite.	110			
228	)			6 m " " " " "	100			
229A	)			2x20 m chip samples taken over 2 costeans north of MP-227-8. Granite and minor greisen.	39			
B	)				76			

Collected by: P. LEEMING & T. O'HEARN

Analysed by: A.C.S.

Date: January, 1977.

APPENDIX 2

Percussion Drill Logs, Star of Peace Area,
MP1-26, NH1-6, DHH1-8.

245024

1.

023

NEWMONT PTY. LTD.

SHALLOW PERCUSSION DRILLHOLES

AREA MT. PARIS E.L. 11/77
STAR OF PEACE AREA

HOLE No.	CO-ORDINATES		INTERVAL		DESCRIPTION	ANALYSES in p.p.m.		
	N	E	from m	to m		m	m	Sn
SP	55	85	0	5.0	Siltstone (Mathinna Beds)	4.0	6.0	175
			5.0	10.0	Granite, unaltered, (Biotite-muscovite granite)	6.0	8.0	25
						8.0	10.0	25
SP	60	100	0	20.0	Siltstone.			
"	60	120	0	20.0	Siltstone.			
SP	70	86	0	1.6	Siltstone.	2.0	4.0	600
			1.6	6.0	Kaolinised granite.	4.0	6.0	225
SP	75	91	0	16.0	Siltstone	16.0	18.0	50
			16.0	20.0	Granite (biotite-muscovite)	18.0	20.0	20
SP	80	90	0	4.0	Siltstone	4.0	6.0	25
			4.0	8.0	Biotite-muscovite granite	6.0	8.0	30
SP	79	100	0	20.0	Siltstone			
SP	80	120	0	20.0	Siltstone			
SP	85	95	0	28.0	Siltstone			
"	84	100	0	20.0	Siltstone			
SP	90	95	0	0.6	Siltstone (?) - may have been float, hole repeated at 98E.	2.0	4.0	<10
			0.6	6.0	Biotite - muscovite granite	4.0	6.0	10
SP	90	98	0	23.5	Siltstone	22.0	24.0	10
			23.5	28.0	Biotite - muscovite granite	24.0	26.0	25
						26.0	28.0	35
SP	90	100	0	20.0	Siltstone			
SP	90	120	0	30.0	Siltstone			

(cont'd)

Logged by N.G. CLARKE

Analysed by: AMDL; XRF
175N, 90N + less (to SSN)
analysed by Tetchem;
Ammonium-Hydride
sublimation + AAS.

Date: June, 1978.

245025

NEWMONT PTY. LTD.

SHALLOW PERCUSSION DRILLHOLES

MT. PARIS E.L. 11/77
AREA STAR OF PEACE AREA

HOLE No.	CO-ORDINATES		m INTERVAL m		DESCRIPTION	ANALYSES in p.p.m.		
	N	E	from	to		m from	m to	Sn
SP	95	100	0	14.3	Siltstone			
SP	100	120	0	44.0	Siltstone			
SP	105	100	0	13.0	Siltstone	14.0	16.0	75
			13.0	18.0	Biotite - muscovite granite	16.0	18.0	100
SP	110	100	0	9.0	Siltstone	9.0	11.0	330
			9.0	13.0	Biotite - muscovite granite	11.0	13.0	210
SP	115	97.5	0	7.0	Siltstone	7.0	9.0	16
			7.0	11.0	Quartz - muscovite (pinite?) greisen	9.0	11.0	330
SP	115	100	0	24.0	Siltstone			
SP	120	75	0	4.0	Biotite-muscovite granite, weathered first 2 m (granite covered by siltstone float).	0	2.0	105
						2.0	4.0	65
SP	120	80	0	4.0	As above.	0	2.0	200
						2.0	4.0	220
SP	120	85	0	11.0	Sediment	10.0	12.0	20
			11.0	14.0	Biotite - muscovite granite	12.0	14.0	36
SP	120	90	0	20.0	Sediment, minor vein quartz	18.0	20.0	300
SP	120	95	0	14.0	Sediment			
SP	120	100	0	17.0	Sediment			
SP	120	120	0	30.0	Sediment			
SP	125	71	0	12.0	Sediment			
			12.0	16.0	Slightly kaolinised biotite-muscovite granite, trace sulphide (chalcopyrite?)	12.0	14.0	30
						14.0	16.0	45

(cont'd)

Logged by N.G. CLARKE

Analysed by: AMDL: XRF

Date: June, 1978

245026

NEWMONT PTY. LTD.

SHALLOW PERCUSSION DRILLHOLES

AREA MT. PARIS E.L. 11/77
STAR OF PEACE AREA

HOLE No.	CO-ORDINATES		m INTERVAL m		DESCRIPTION	m ANALYSES in p.p.m.			
	N	E	from	to		from	to	Sn	
SP	130	75.5	0	20.0	Sediment	20.0	22.0	42	
			20.0	24.0	Slightly quartz rich biotite-muscovite granite (slightly greisenised?)	22.0	24.0	95	
SP	130	100	0	31.0	Sediment	30.0	32.0	8	
			31.0	34.0	Very fine grained biotite - muscovite granite	32.0	34.0	12	
SP	135	76	0	7.5	Sediment	7.5	9.5	65	
			7.5	11.5	Biotite - muscovite granite	9.5	11.5	50	
SP	140	85	0	11.0	Sediment	11.0	13.0	28	
			11.0	15.0	Biotite - muscovite granite	13.0	15.0	36	
SP	140	100	0	23.0	Sediment				
SP	140	120	0	20.0	Sediment				
SP	145	81	0	7.0	Sediment	7.0	9.0	155	
			7.0	11.0	Biotite - muscovite granite, approx. 20% contaminated by siltstone chips.	9.0	11.0	125	
SP	150	80	0	3.0	Siltstone	3.0	5.0	680	
			3.0	7.0	Biotite - muscovite granite	5.0	7.0	550	
SP	150	100	0	30.0	Siltstone	30.0	32.0	75	
			30.0	34.0	Very fine grained muscovite (biotite) granite	32.0	34.0	410	
SP	155	83	0	4.0	Siltstone				
			4.0	8.0	Slightly kaolinised biotite - muscovite granite.				
SP	160	83	0	2.0	Siltstone	2.0	4.0	460	
			2.0	6.0	Slightly kaolinised, slightly quartz rich biotite-muscovite (slightly greisenised)	4.0	6.0	830	
SP	160	100	0	20.0	Siltstone				
SP	160	120	0	20.0	Siltstone.				

(cont'd)

Logged by N.G. CLARKE

Analysed by AMDL: XRF

Date: June, 1978

NEWMONT PTY. LTD.

SHALLOW PERCUSSION DRILLHOLES

245027 AREA

MT. PARIS E.L. 11/77

STAR OF PEACE AREA

HOLE No.	CO-ORDINATES		m INTERVAL m		DESCRIPTION	ANALYSES in p.p.m.			
	N	E	from	to		m from	m to	Sn	
SP	166	86	0	11.0	Siltstone.	10.0	12.0	185	
			11.0	14.0	Greisenised biotite-muscovite granite	12.0	14.0	55	
SP	170	95	0	7.0	Siltstone	7.0	9.0	65	
			7.0	11.0	Biotite - muscovite granite	9.0	11.0	140	
SP	175	94	0	2.0	Siltstone	2.0	4.0	20	
			2.0	6.0	Biotite - muscovite granite (slightly kaolinised)	4.0	6.0	25	
SP	175	100	0	16.5	Siltstone				
SP	180	100	0	14.0	Siltstone	14.0	16.0	300	
			14.0	18.0	Biotite - muscovite granite	16.0	18.0	430	
SP	180	120	0	30.0	Siltstone				
SP	185	95	0	9.0	Siltstone	9.0	11.0	55	
			9.0	13.0	Biotite - muscovite granite	11.0	13.0	80	
SP	190	94.4	0	7.3	Siltstone	7.3	9.3	44	
			7.3	11.3	Fine grained biotite-muscovite granite	9.3	11.3	48	
SP	195	95.5	0	8.0	Siltstone	8.0	10.0	14	
			8.0	12.0	Fine grained biotite-muscovite granite (slightly kaolinised)				
SP	200	100	0	4.0	Siltstone	4.0	6.0	95	
			4.0	8.0	Biotite - muscovite granite	6.0	8.0	165	
SP	203.6	105	0	6.0	Siltstone	6.0	6.5	20	
			6.0	6.5	Biotite - muscovite granite (kaolinised-surface weathering? - Fe stained)				
SP	200	120	0	30.0	Siltstone				

(cont'd)

Logged by N.G. CLARKE

Analysed by AMDL; XRF

Date: June, 1978

NEWMONT PTY. LTD.

SHALLOW PERCUSSION DRILLHOLES

245029

AREA MT. PARIS E.L. 11/77
..... MT. PARIS

HOLE No.	CO-ORDINATES		m INTERVAL m		DESCRIPTION	ANALYSES in p.p.m.		
	N	E	from	to		m from	m to	Sn
MP-1			0	20.0	Siltstone.			
MP-2			0	20.0	Siltstone.			
MP-3			0	30.0	Siltstone.			
MP-4			0	20.0	Siltstone.			
MP-5			0	30.0	Siltstone.			
MP-6			0	20.0	Siltstone.			
MP-7			0	30.0	Siltstone.			
MP-8			0	20.0	Siltstone.			
MP-9			0	20.0	Siltstone.			
MP-10			0	10.0	Siltstone.			
			10.0	12.0	Muscovite granite & siltstone (50 cm vein?)			
			12.0	26.0	Siltstone.			
			26.0	28.0	Minor muscovite granite with siltstone (vein)			
			28.0	40.0	Siltstone			
MP-11			0	30.0	Siltstone.			
MP-12			0	28.0	Siltstone.	28.0	30.0	10
			28.0	32.0	Siltstone plus minor granite.	30.0	32.0	15
			32.0	34.0	Kaolinised muscovite granite.	32.0	34.0	<10
MP-13			0	38.0	Siltstone.			

(cont'd)

Logged by N.G. CLARKE

Analysed by: TETCHEM; Ammonium Hydride
Sublimation & AAS

Date: June, 1978.

0238

245030

2.

NEWMONT PTY. LTD.

SHALLOW PERCUSSION DRILLHOLES

AREA MT. PARIS E.L. 11/77
MT. PARIS

HOLE No.	CO-ORDINATES		m INTERVAL m		DESCRIPTION	ANALYSES in p.p.m.			
	N	E	from	to		m from	m to	Sn	
MP-14			0	16.0	Siltstone.				
			16.0	18.0	Minor muscovite granite with siltstone.				
			18.0	30.0	Siltstone.				
			30.0	32.0	Very minor muscovite granite with siltstone.				
			32.0	34.0	Siltstone.	38.0	40.0	50	
			34.0	36.0	Very minor muscovite granite with siltstone.				
			36.0	38.0	Siltstone.				
			38.0	40.0	Slightly greisenised muscovite granite.				
MP-15			0	40.0	Siltstone.				
MP-16			0	33.0	Siltstone.	34.0	36.0	15	
			33.0	40.0	Kaolinised muscovite granite.	36.0	38.0	30	
						38.0	40.0	50	
MP-17			0	20.0	Siltstone.				
MP-18			0	20.0	Siltstone.				
MP-19			0	20.0	Siltstone.				
MP-20			0	20.0	Siltstone.				
MP-21			0	20.0	Siltstone.				
MP-22			0	20.0	Siltstone.				
(cont'd)									

Logged by N.G. CLARKE

Analysed by: TETCHEM; Ammonium Hydride
Sublimation & AAS

Date: June, 1978.

031

245032

NEWMONT PTY. LTD.

SHALLOW PERCUSSION DRILLHOLES

AREA MT. PARIS, E.L. 11/77.
NEW HOPE AREA

HOLE No.	CO-ORDINATES		m INTERVAL m		DESCRIPTION	m ANALYSES in p.p.m.		
	N	E	from	to		from	to	Sn
NH-1					On Old Star of Peace track, east of New Hope			
			0	12.0	Siltstone	12.0	14.0	<10
			12.0	14.5	Greisen			
			14.5	16.0	Siltstone, hole cleaned thoroughly at 16 m.	18.0	20.0	10
			16.0	18.0	Mixture of siltstone and muscovite granite direct out of hole - sediment with numerous small aplitic veins?			
			18.0	21.0	Muscovite (biotite) granite			
			21.0	24.0	Siltstone			
			24.0	26.0	Siltstone with minor muscovite-biotite granite			
		26.0	30.0	Siltstone				
NH-2			0	30.0	50 m East of NH-1, siltstone			
NH-3			0	20.0	50 m West of NH-1, siltstone			
NH-4			0	12.0	Siltstone	12.0	14.0	<10
			12.0	16.0	Biotite - muscovite granite	14.0	16.0	<10
NH-5			0	5.0	Siltstone	5.0	7.0	12
			5.0	9.0	Biotite - muscovite granite	7.0	9.0	10
NH-6			0	28.0	Siltstone			

Logged by N.G. CLARKE

Analysed by TETCHEM; Ammonium Hydride
Sublimation & AAS

Date: June, 1978

AMG REFERENCE POINTS ADDED



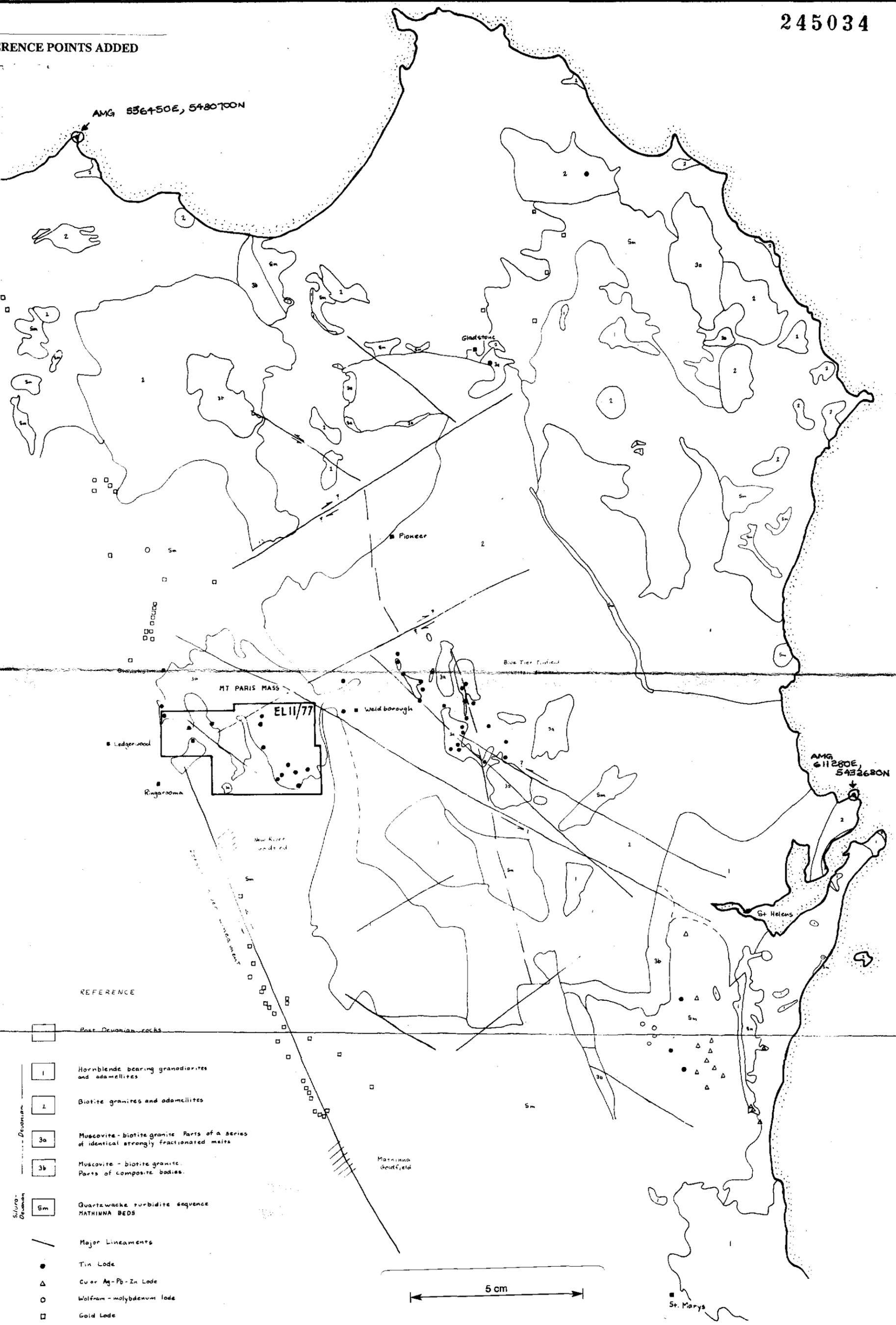
AMG 536450E, 5480700N

AMG 611280E, 5482680N

NEWMONT PROPRIETARY LIMITED

COMPILED N Clarke
DRAWN N Clarke
DATE June 1978
SCALE 1:250,000
DRAWN N Clarke
DATE 12.11

NORTH EASTERN TASMANIA REGIONAL GEOLOGY



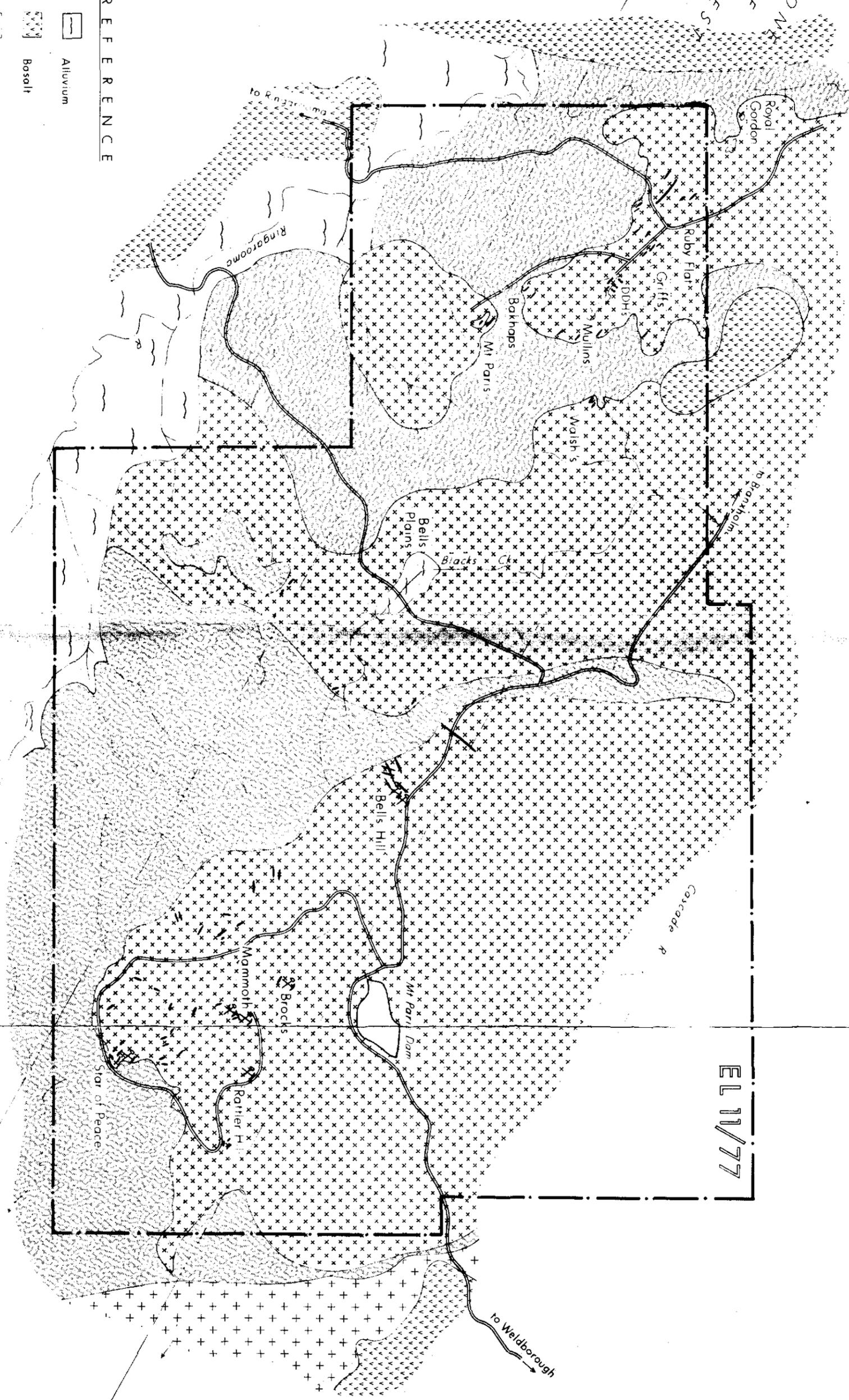
- REFERENCE
- Post Devonian rocks
 - 1 Hornblende bearing granodiorites and adamellites
 - 2 Biotite granites and adamellites
 - 3a Muscovite - biotite granite. Parts of a series of identical strongly fractionated melts
 - 3b Muscovite - biotite granite. Parts of composite bodies.
 - 5m Quartzwacke turbidite sequence MATHINNA BEDS
 - Major Lineaments
 - Tin Lode
 - ▲ Cu or Ag-Pb-Zn Lode
 - Wolfram - molybdenum lode
 - Gold Lode
 - /// Group of gold lodes

5 cm

0 10 km

Lineaments mainly after Geophoto Services Inc. 1969
Remaining geology after Groves et al. 1977

ZONE OF INTEREST



REFERENCE

- QUATERNARY: Alluvium
- TERTIARY: Basalt
- DEV-SILURIAN (ORD?): Argillaceous sandstone
- IGNEOUS ROCKS: Greisen
- U. DEVONIAN TO LOWER CARBONIFEROUS: Biotite-muscovite granite
- BIOTITE-HORNBLENDE GRANODIORITE

EL 11/77

to Weldborough

to Ringarooma

to Bakholm

Cascade R

Bells Hill

Black's Ck

Bells Plains

Mt. Paris

Baknops

Mullins

Waish's

Griff's

Ruby Flat

Royal Gordon

Star of Peace

Mammoth

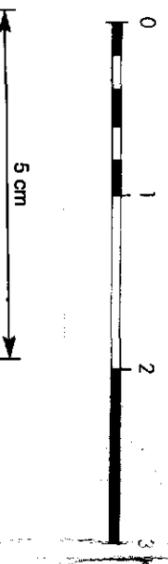
Brocks

Mt. Paris Dam

Ratier Hill



NORTH



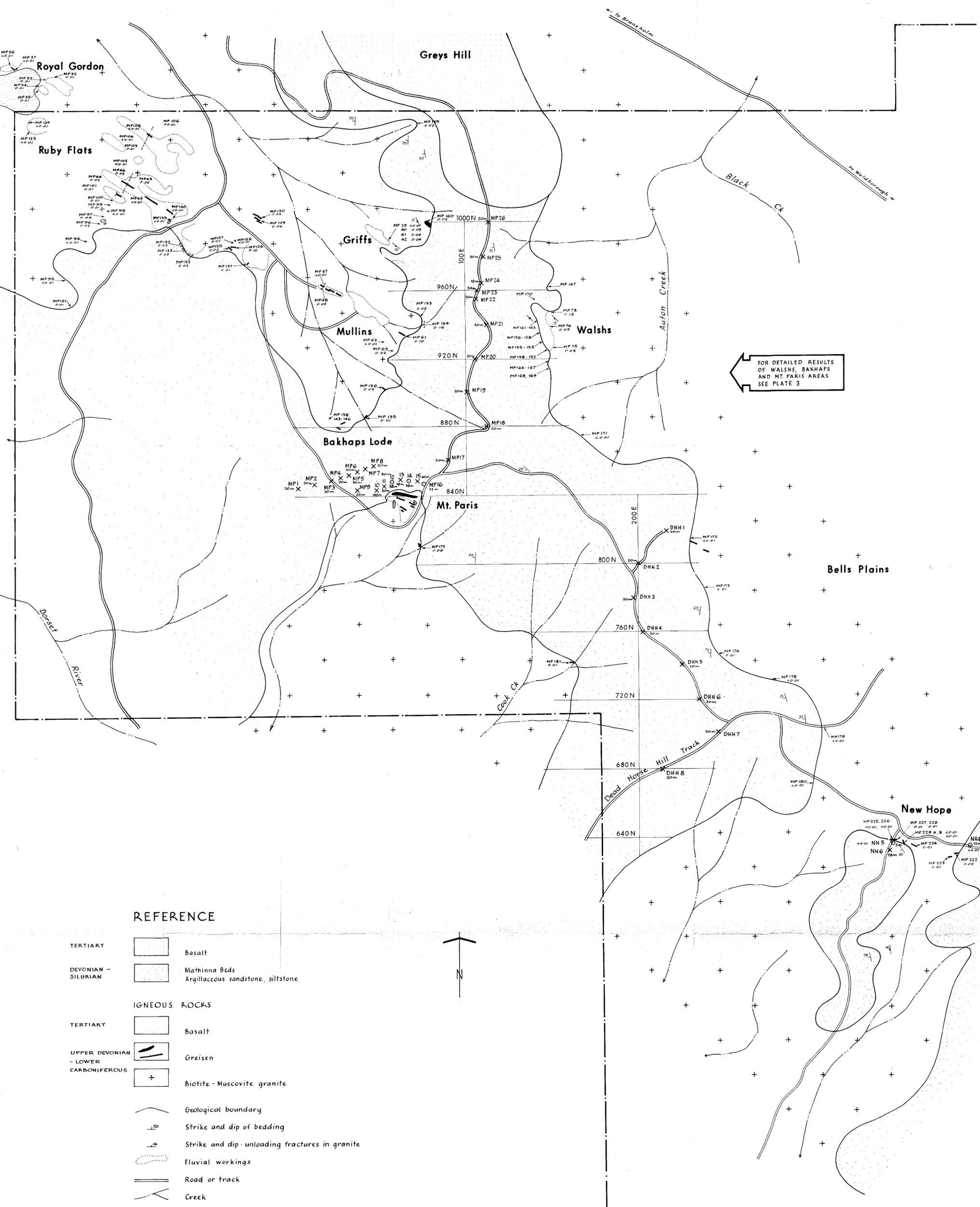
5 cm

NEWMONT PROPRIETARY LIMITED

COMPILED N. Clarke - Pleemling
 DRAWN D. Brome
 DATE March 1978

SCALE: as shown
 DRAWING No. T2-3
 FIGURE No. 2

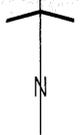
MOUNT PARIS REGIONAL GEOLOGY



FOR DETAILED RESULTS OF WALSHS, BAKHAPS AND MT. PARIS AREAS SEE PLATE 3

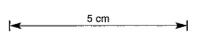
REFERENCE

- TERTIARY Basalt
- DEVONIAN - SILURIAN Mathinna Beds
Argillaceous sandstone, siltstone
- IGNEOUS ROCKS
- TERTIARY Basalt
- UPPER DEVONIAN - LOWER CARBONIFEROUS Gneiss
- Biotite - Muscovite granite
- Geological boundary
- Strike and dip of bedding
- Strike and dip - unloading fractures in granite
- Eluvial workings
- Road or track
- Creek
- Sample location, % Sn
- 20m X DHH8 Percussion drill hole granite proper not intersected depth in metres
- 30m O MPI14 Percussion drill hole granite intersected depth to granite in metres

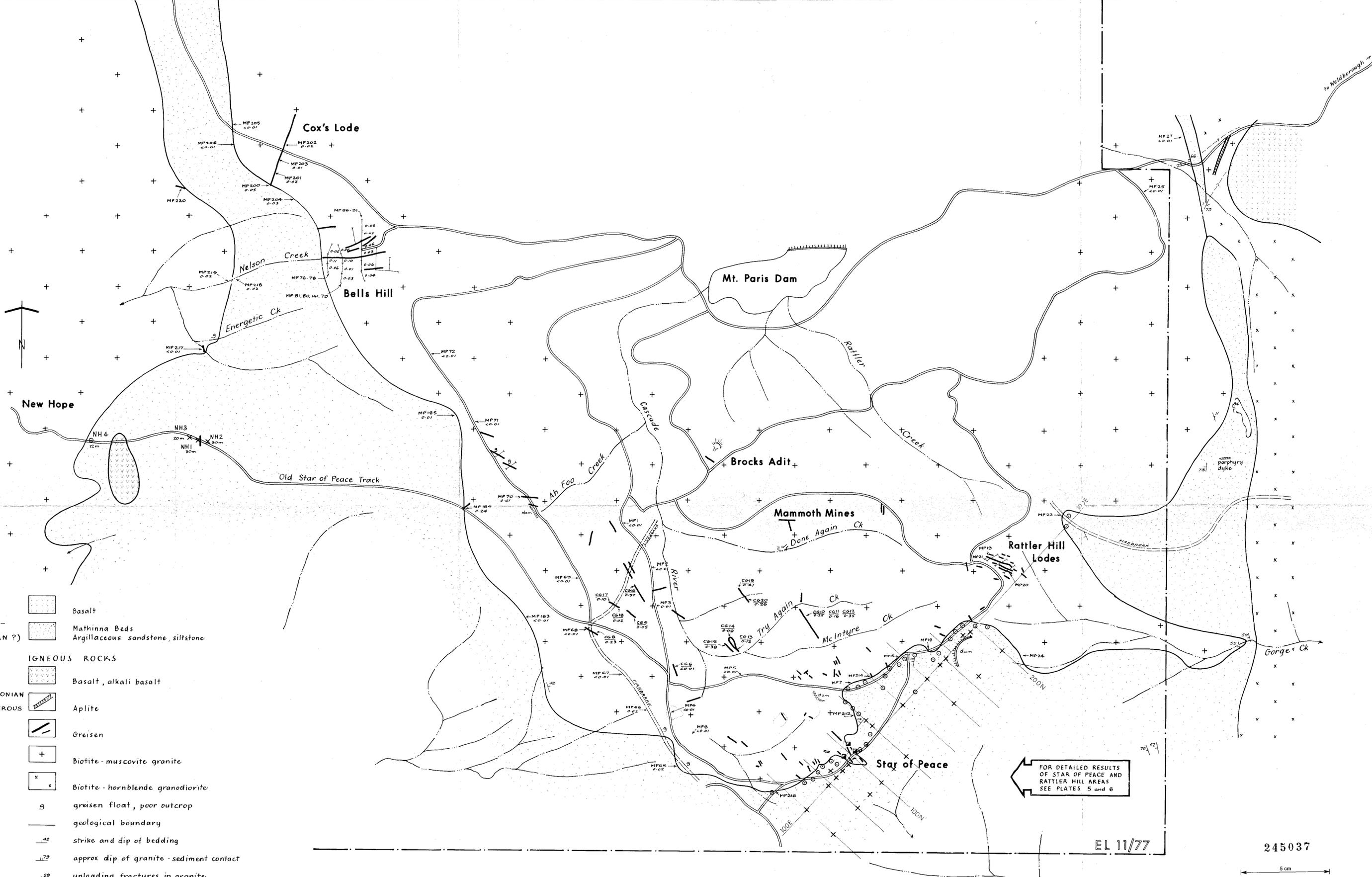


EL 11/77

245036



NEWMONT PROPRIETARY LTD.			
PROJECT MT. PARIS E.L. 11/77			
WESTERN SECTION 1003			
GEOLOGY & SAMPLE RESULTS			
SURVEY N. Clarke	SCALE 1:10 000	PLAN No T2 - 12	1
DRAWN D. Brame	DATE June 1978		

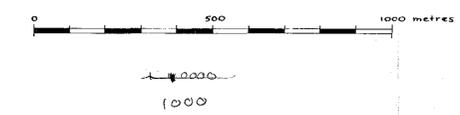


- TERTIARY Basalt
- DEVONIAN - SILURIAN (ORDOVICIAN ?) Mathinna Beds
Argillaceous sandstone, siltstone
- IGNEOUS ROCKS
- TERTIARY Basalt, alkali basalt
- UPPER DEVONIAN - LOWER CARBONIFEROUS Aplite
- Greisen
- Biotite-muscovite granite
- Biotite-hornblende granodiorite
- greisen float, poor outcrop
- geological boundary
- strike and dip of bedding
- approx dip of granite-sediment contact
- unloading fractures in granite
- shaft, adit
- eluvial workings
- costean
- chip sample number/assay % Sn (Groves 1972)
- sample number/assay % Sn (Newmont 1977-78)

NH3 X 20m Percussion drill hole
granite proper not intersected
depth in metres

NH4 O 12m Percussion drill hole
granite intersected
depth to granite in metres

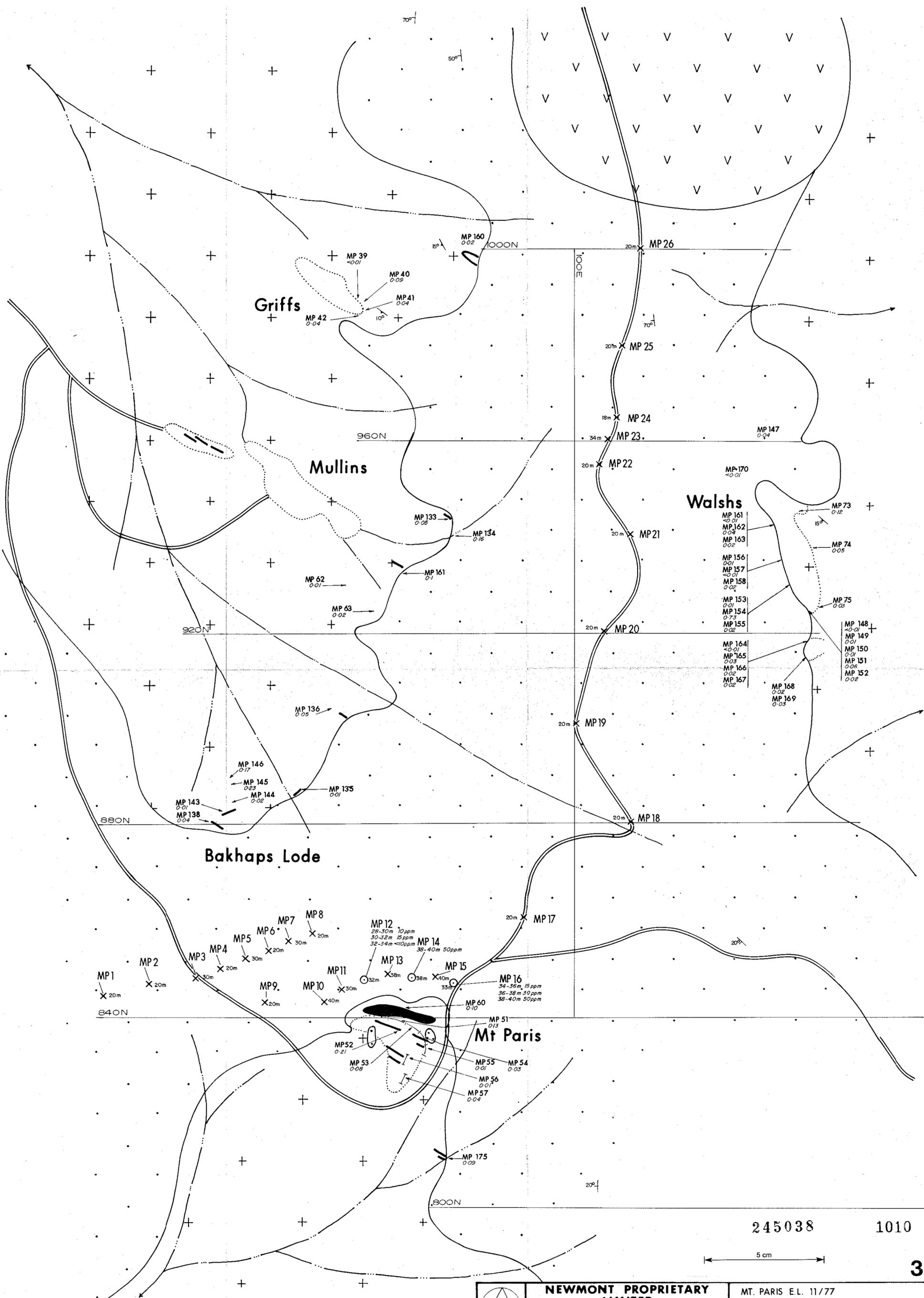
FOR DETAILED RESULTS
OF STAR OF PEACE AND
RATTLER HILL AREAS
SEE PLATES 5 and 6



EL 11/77 245037

5 cm

NEWMONT PROPRIETARY LTD.			
PROJECT	MT. PARIS	E.L. 11/77	1009
SOUTH EASTERN SECTION			
GEOLOGY & SAMPLE RESULTS			
SURVEY P. Leeming - N. Clarke	SCALE 1: 10 000	PLAN No.	PLATE
DRAWN D. Brame	DATE June 1978	T2 - 13	2



245038 1010

5 cm

3

<p>TRUE NORTH</p>	NEWMONT PROPRIETARY LIMITED	
	COMPILED N. Clarke	SCALE 1:5,000
	DRAWN B.J.	DRAWING No T2-14
	DATE JUNE, 1978	PLATE No. 3

MT. PARIS E.L. 11/77
 MT. PARIS, BAKHAPS LODE & WALSHS -
 GEOLOGY & GEOCHEMICAL RESULTS

FOR REFERENCE KEY SEE PLATE No 1

00E

100E

200E

300E

1000N

960N

920N

880N

840N

800N

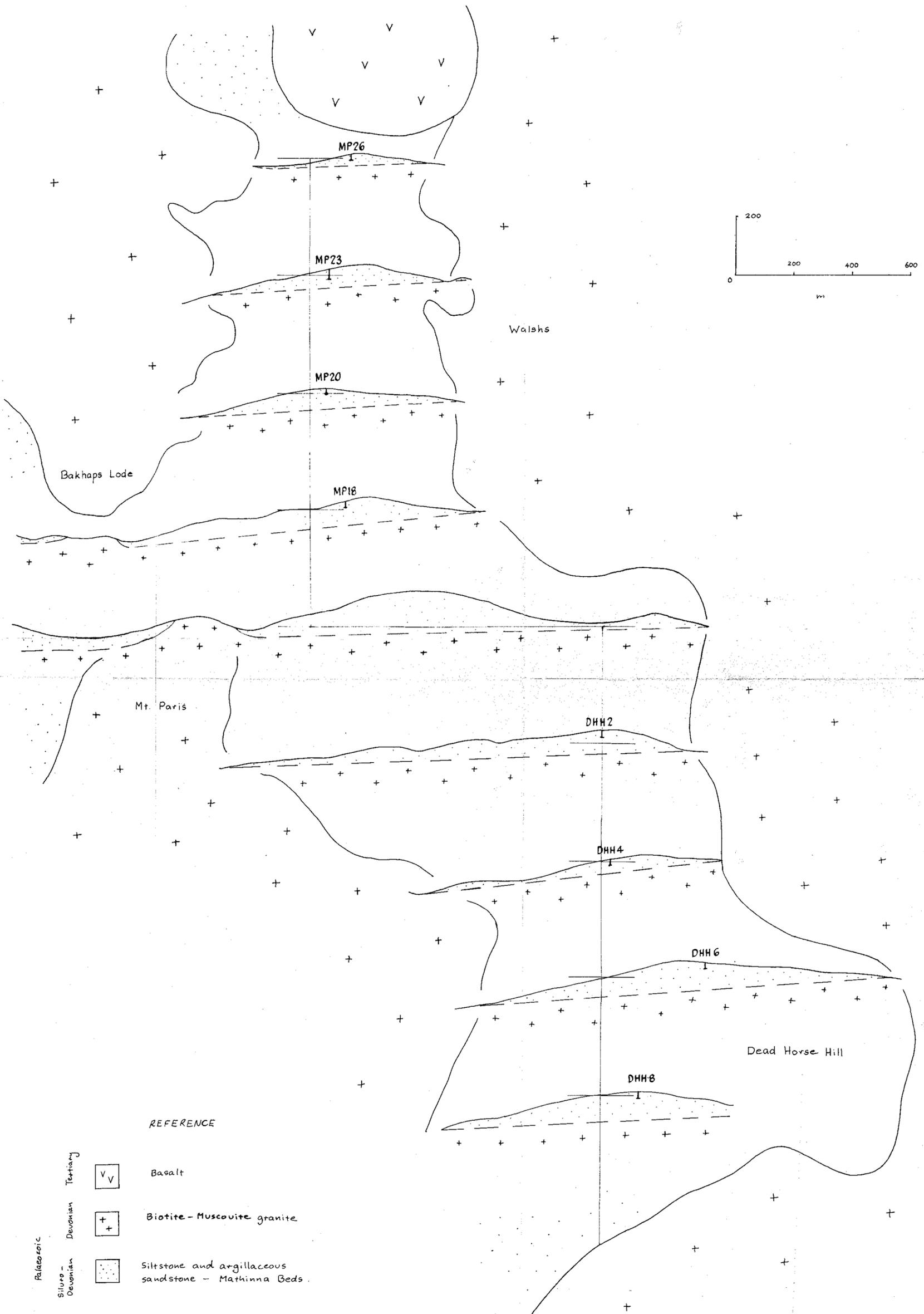
760N

720N

680N

640N

600N



REFERENCE

- | | | | |
|-----------|-----------------|---|--|
| Paleozoic | Tertiary | V | Basalt |
| | Devonian | + | Biotite-Muscovite granite |
| | Siluro-Devonian | . | Siltstone and argillaceous sandstone - Mathinna Beds |

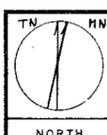
Cross bars on 100E, 200E baselines indicate common level

I Drillhole - only those directly on crosslines shown

245039

5 cm

1011 4



NEWMONT PROPRIETARY LIMITED

COMPILED N CLARKE

SCALE 1:10,000

DRAWN

DRAWING No. T2-15

NORTH

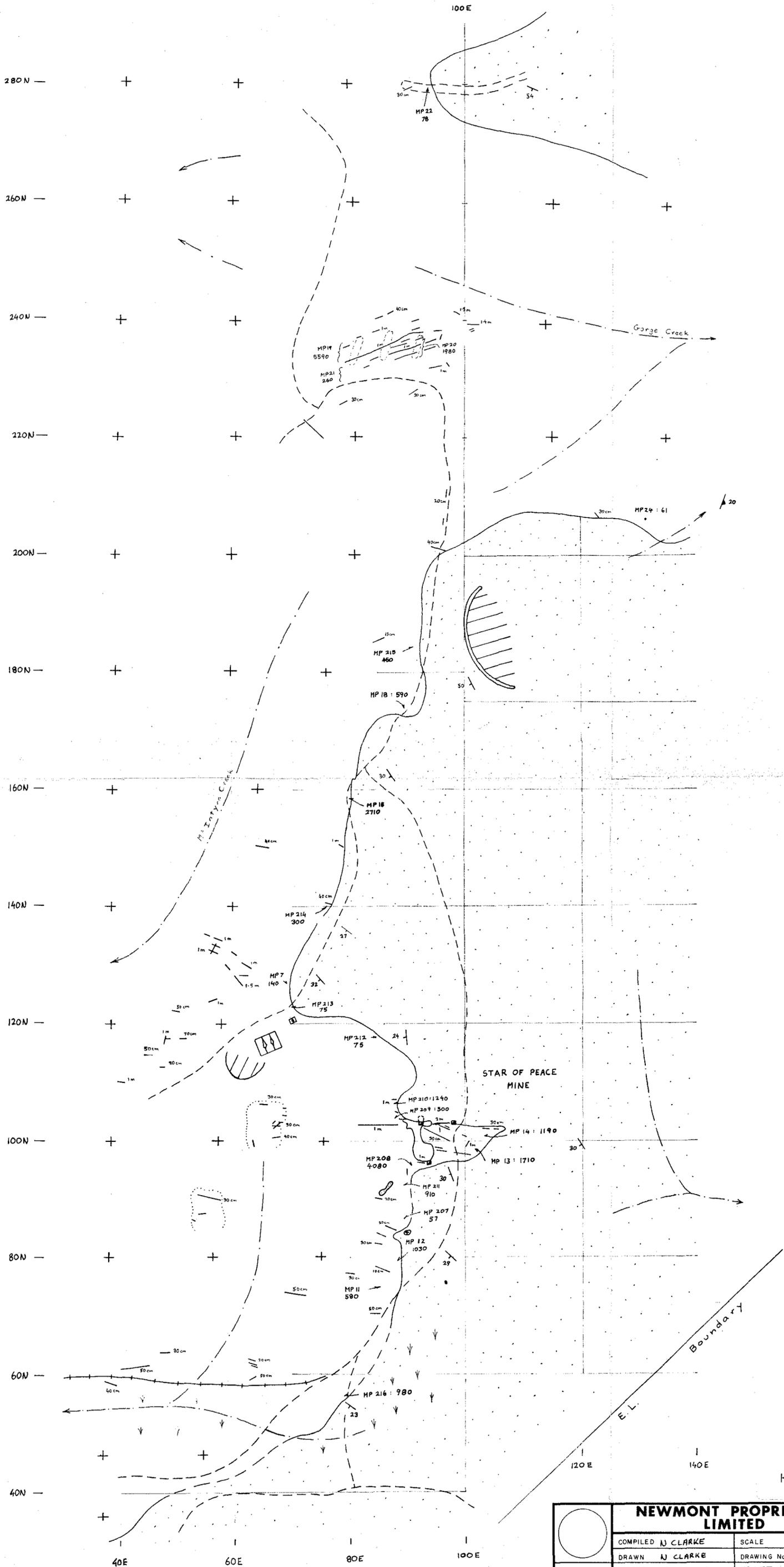
DATE JUNE 1978

PLATE 4

MT PARIS EL 11/77

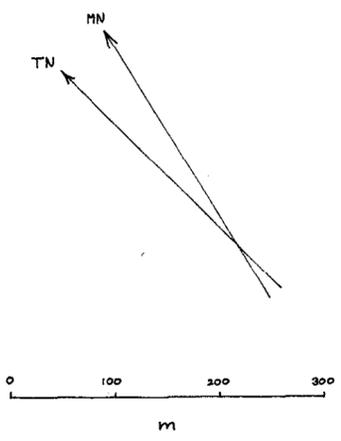
WALSHS, MT. PARIS, DEAD HORSE HILL
GEOLOGICAL SECTIONS

78-1281



- REFERENCE
- Greisen, with thickness
 - Biotite - muscovite granite
 - Siltstone, Mathinna Beds
 - Dip and strike of bedding
 - Granite unloading fracture
 - Eluvial / Alluvial working (I.M. Barnett)
 - Track
 - Firebreak
 - Costean
 - Old tramway, Star of Peace to battery
 - Creek
 - Swamp
 - Dam
 - Test pine plantation

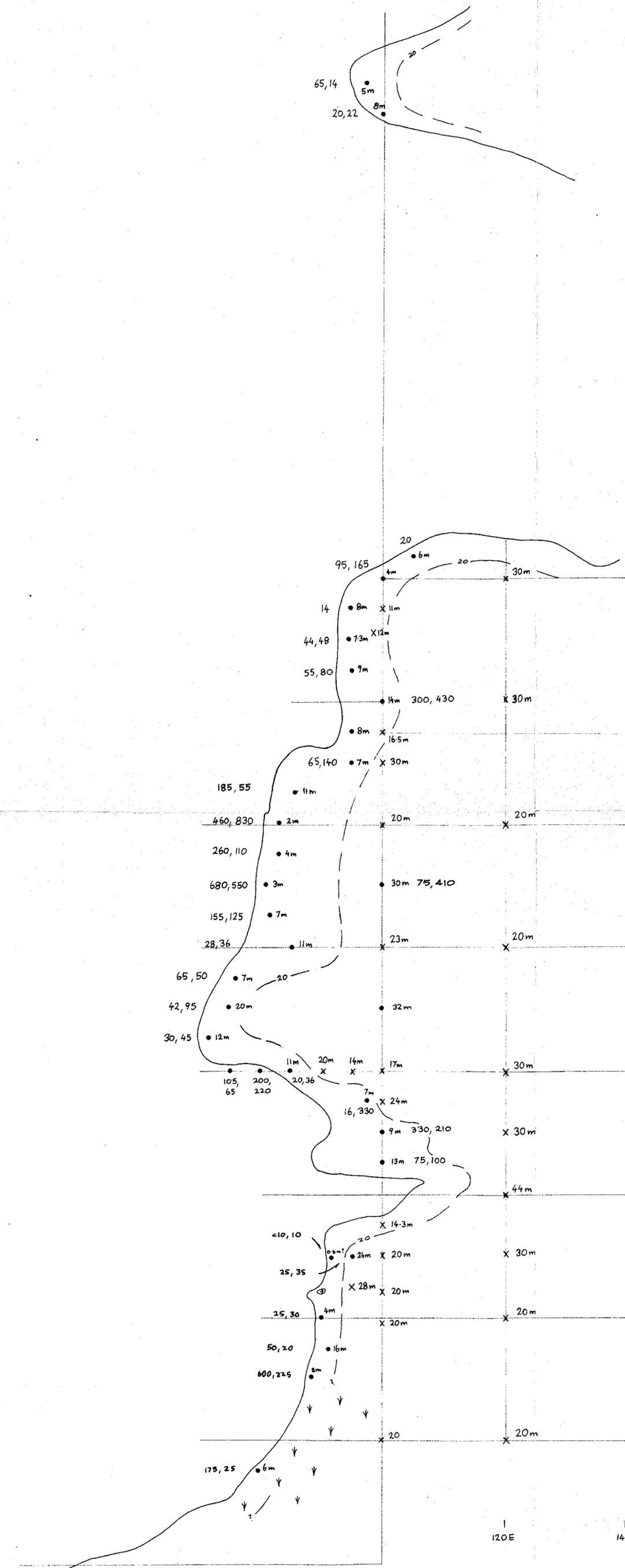
MP 13: 1710 - Sample number: ppm Sn
Random rock chip samples



	NEWMONT PROPRIETARY LIMITED		GEOLOGY and GEOCHEMISTRY STAR OF PEACE PROSPECT EL 11/7, MT. PARIS
	COMPILED N CLARKE	SCALE 1:5000	
	DRAWN N CLARKE	DRAWING No. T2-9	
	DATE MAY 1978	PLATE 5	

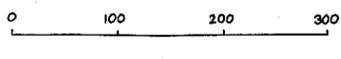
1012 5

280 N —
 260 N —
 240 N —
 220 N —
 200 N —
 180 N —
 160 N —
 140 N —
 120 N —
 100 N —
 80 N —
 60 N —
 40 N —



REFERENCE

- 9m 330,210 : Depth to granite, drillholes extended 4m into granite, 2 samples each of 2m taken, results in ppm Sn
- X 44m : Granite not intersected, depth drilled.
- 20 — : Depth of overburden contour, 20m



5 cm

245041

1013 6

 NORTH	NEWMONT PROPRIETARY LIMITED		STAR OF PEACE PROSPECT	
	COMPILED N CLARKE	SCALE 1:5000	DRILLHOLE LOCATION and RESULTS	
	DRAWN N CLARKE	DRAWING No. T2-10		
	DATE MAY 1978	PLATE 6		