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AUSTRALIA AND NEW ZEALAND EXPLORATION COMPANY

QUARTERLY PROGRESS REPORT TO TASMINEX N.L.

ON

EXPLORATION LICENCES 17/68 AND 1/69

TASMANIA

MICROFILMED

FOR THE PERIOD

1ST JANUARY - 31ST MARCH, 1974

BY

R.T. BRANDT

EXPLORATION LICENCE 17/68SUMMARY

Diamond drilling at the Kara Prospects commenced on 7th January, 1974, and continued throughout the quarter. By the end of the quarter, thirteen drillholes with a total footage of 4560 feet were completed, but only one drillhole intersected significant tungsten mineralization.

To assist in the siting of drillholes in the most favourable geological situations, most of the ground was covered in advance by magnetometer surveys, trenching and power-auger drilling. Seventy-eight power-auger holes were completed during the quarter. A few of them reached the maximum rod depth of 93 feet, but the majority were stopped by hard rock at shallower depths. The total footage drilled was 3432 feet and the average depth per hole was 44 feet.

Attached to this report are geological maps of Kara No.1 and Kara North, showing the positions of the diamond drillholes, except D.H. 148. This hole is situated to the south-east of Kara No.1 and the geological map covering this area is in course of revision and is not yet complete. Geological sections through the diamond drillholes are also attached.

DIAMOND DRILLING

The object of this drilling program is to locate new reserves of fresh scheelite-bearing ore to supplement the reserves already outlined in the Kara No.1 main syncline. With this end in view, the area first selected for drilling was the Kara Eastern Ridge north of the old drillhole section 114. Scheelite-bearing skarn was known to exist in a trench next to section 114 and also in East Kara Creek, 500 metres to the north. Magnetometer traverses had indicated the continuity of the skarn under the basalt which covers the country between these two points.

The first drillhole of the present program, no. 137, was sited at a point 200 metres north of section 114 and inclined eastwards at 60° to intersect the eastern limb of the synclinal structure inferred to exist under the basalt. It was also hoped to intersect the northerly down-plunge extension of the scheelite mineralization on section 114. The hole served to confirm the correctness of the structural interpretation but, unfortunately, failed to show any significant scheelite mineralization.

The next two drillholes, nos. 138 and 139, were sited next to East Kara Creek to explore the depth extension of two scheelite-bearing skarn outcrops which had been discovered by trenching in the bank of the creek. These holes confirmed the continuity of the geological succession and structure and intersected two very narrow scheelite-bearing zones within two skarn horizons, the highest grade intersection being 0.52% WO₃ over a drilled length of 20.1 feet. This represents a true width of approximately 12.5 feet.

It was then decided to explore the southern end of the Eastern Ridge syncline, particularly the western limb, where the possibility of an overturned structure, similar to that of the western limb of Kara No.1, was considered worth investigation. Drillhole no.140 was sited on the western extension of the old drillhole section line 117 and was drilled vertically. Granite was intersected at approximately the depth anticipated by downward projection, but

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there was no sign of any down-dip extension of the scheelite ore intersected in hole no.117. Drillhole no.142, inclined westwards on the same section line, demonstrated that an overturned structure does exist, but unlike that of Kara No.1 is not mineralized.

Drillhole no.141, on the westerly extension of the old section line 114, was drilled vertically and penetrated a great thickness of basalt and pre-basalt sediments before reaching skarn. This hole showed that the basalt cover is locally thick and occupies deeply incised pre-basalt valleys from which the older rocks, including skarns, have been removed by erosion in pre-basalt times. It is thought that the Emu River once occupied a deep valley between Kara No.1 and the Eastern Ridge, the old river course now being buried under Tertiary sediments and basalt.

Drillhole no.143 was sited approximately midway between holes 137 and 138, and revealed a structural picture similar to that of hole 137, but again, unfortunately, with hardly any scheelite mineralization.

Since some mineralization had been intersected in drillholes nos. 138 and 139 and appeared to be increasing downwards, another hole, no. 144, was sited approximately 300 feet to the north and was drilled vertically in order to penetrate the same succession of beds at greater depth. This hole was unexpectedly deep, due apparently to a local increase in dip in the beds. Scheelite mineralization of value 1.13% WO_3 was intersected over a drilled length of 18.8 feet, from 178.6 to 197.4 feet depth, but the true width of the zone is probably not more than 8 feet. Hole no. 145 was sited to the west on the same section line and drilled vertically, but failed to show any mineralization. One significant feature of hole no. 145 is the virtual absence of magnetite, as compared with hole no. 144 in which magnetite is abundant. Since scheelite, when present, is almost invariably associated with magnetite, this feature was considered of importance.

It was then decided to discontinue drilling on the Kara Eastern Ridge for the time being and investigate other localities in which the presence of magnetite was obvious from ground magnetometer readings. The site for hole no. 146 was chosen at the centre of a high magnetic anomaly, originally delineated by Tasminex N.L., at a point approximately 650 feet east of the old drillhole no. 130 at Kara North. Power-auger drilling in this area had confirmed the existence of skarn and magnetite under basalt and had given some indication of the width of the Kara North granite which lies to the east of drillhole no. 130. Owing to lack of knowledge of the underground structure on the east side of the granite and the unknown attitude of the beds under the basalt, hole no. 146 was drilled vertically at the peak of the magnetic anomaly. The hole passed through skarn with abundant magnetite and very sporadically disseminated scheelite to a depth of 621 feet, at which point it entered granite.

Hole no. 147 was sited to investigate another strong magnetic anomaly near the junction of Kara Creek and East Kara Creek. Here the geology was better known, from previous trenching and power-auger drilling. The hole was inclined eastwards to intersect a belt of skarn, apparently a continuation of the Kara No.1 skarn, enclosed between granite on the east and granitized sandstone on the west. The hole penetrated approximately 260 feet of skarn with abundant

magnetite, but without any significant scheelite.

Hole no. 148 was drilled in the locality known as Lohrey's Pits, to the south of Kara No. 1. The geological map of this area is in course of revision and is not yet complete. The hole was sited to intersect the downward extension of a belt of skarn which had previously yielded trench samples assaying up to 4000 ppm W. The skarn was found to be intensely weathered to a depth of about 150 feet or more and no scheelite was detected in it.

Hole no. 149 was sited on the eastern limb of the Kara No. 1 syncline in order to investigate that portion of the syncline which is covered by basalt. Power-auger holes had failed to penetrate the basalt, which is thick. Hole no. 149 passed through skarn underneath the basalt and finished at 92 feet in granite. No scheelite was seen.

The results of drilling this quarter have been disappointing in that scheelite with any economic significance has been intersected in only one drillhole, no. 144.

It must be admitted that the factors controlling the distribution of scheelite in the skarn are not yet understood. Though the association of scheelite with magnetite is established, it is clear that the strength of a magnetic anomaly is no guide to the probability of scheelite being present as well as magnetite. The few thin zones of scheelite intersected this quarter may possibly represent thin mineralized stringers connecting or leading to scheelite bodies of greater width, but in any event such bodies are likely to be small and very difficult targets for drilling.

It appears that Kara No.1, where the mineralized skarn is strongly compressed and fractured between the limbs of an overturned syncline, is exceptional for the area and efforts to find a repetition of such a structure have not so far met with success. Whether the much thinner and weaker mineralization that does exist in the skarns outside Kara No.1 has any economic significant is still an open question.

MAGNETOMETRY, TRENCHING, POWER-AUGER DRILLING

During the quarter, magnetometric traverses were completed over the greater part of the Kara No.1 and Kara North geological map areas and were instrumental in confirming the continuity of two belts of skarn rocks, one from Kara No. 1 to Kara North and the other from Kara Eastern Ridge northwards under the basalt on the eastern side of the Companion River. Strong anomalies were discovered near the present sites of drillholes nos. 139, 144 and 147, and the large anomaly at the site of drillhole no. 146 was confirmed. The latter anomaly, though large, appears to be isolated from the two above-mentioned skarn belts and has no extension to the south, though it may have an extension to the north. Magnetometric work north of Kara North has indicated an extension of the skarn in a N.N.W. direction to location L.13 (Plan no. 7/9 of September, 1973). Maps showing the magnetometric pattern of these areas are in course of preparation.

Trenching and power-auger drilling were carried out wherever possible in advance of the diamond drilling. The locations of most of the power-auger holes are shown on the attached geological maps. By this means, geological information was obtained in advance to facilitate the siting of drillholes nos. 146, 147 and 149, and to interpret the geology and structures revealed in drillholes nos. 138, 139 and 144. A number of auger holes were drilled in the area of the Kara No.1 eastern limb in an effort (largely unsuccessful) to penetrate the basalt and also to investigate the scheelite occurrences visible at the surface near the old drillhole no. 124.

During the coming quarter, it is proposed to use the power auger at locations further afield, namely L.13, L.9 and L.5 (Plan-no. 7/9 of September, 1973), in preparation for possible diamond drilling at these localities.

EXPLORATION LICENCE 1/69

Most of the work done during the quarter was at the Hampshire Magnetite Prospect, where a further twelve power-auger holes were drilled and further geological and magnetometric studies were carried out. A final assessment of this prospect is being made and a full report, with maps, will be presented when this is complete.

Power-auger drilling was resumed briefly at the Highclere Iron Prospect, where a further seven holes were put down, but the program was interrupted due to urgent demands for the drill elsewhere. Some further work is needed before a final assessment is made and when this is completed a final report on this Prospect will be prepared.

Enclosed with this report are four geological maps on a scale of 1 inch to 600 feet, on which are shown the flight lines of the aeromagnetic survey carried out on 3rd March, 1973. These maps show the geology, as known to date, of the area covered by the aeromagnetic survey and have been compiled both as an aid to the interpretation of this survey and to illustrate the geology of the areas examined north of the Kara prospects.

R.T. Brandt

Attachments

<u>VOL I</u>	Geological Map, Kara No.1								
	Geological Map, Kara North								
	Drillhole section 137								
<u>VOL III</u>	"	"	138 (holes 138 & 139)						
	"	"	117 (holes 140 & 142)						
	"	"	114 (hole 141)						
	"	"	143						
	"	"	144 (holes 144 & 145)						
	"	"	146						
	"	"	147						
	"	"	148						
<u>VOL II</u>	East Rigley Area	Highclere Area,	East of Hampshire,	Kara Prospects					
	East Kara Creek.								

(duplicate in Vol 3)
(" " " ")

Forwarded with previous report } *included in 1613*

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- 5 -

Attachments continued

Geological Maps, scale 1 inch to 600 feet, with aeromagnetic flight lines -

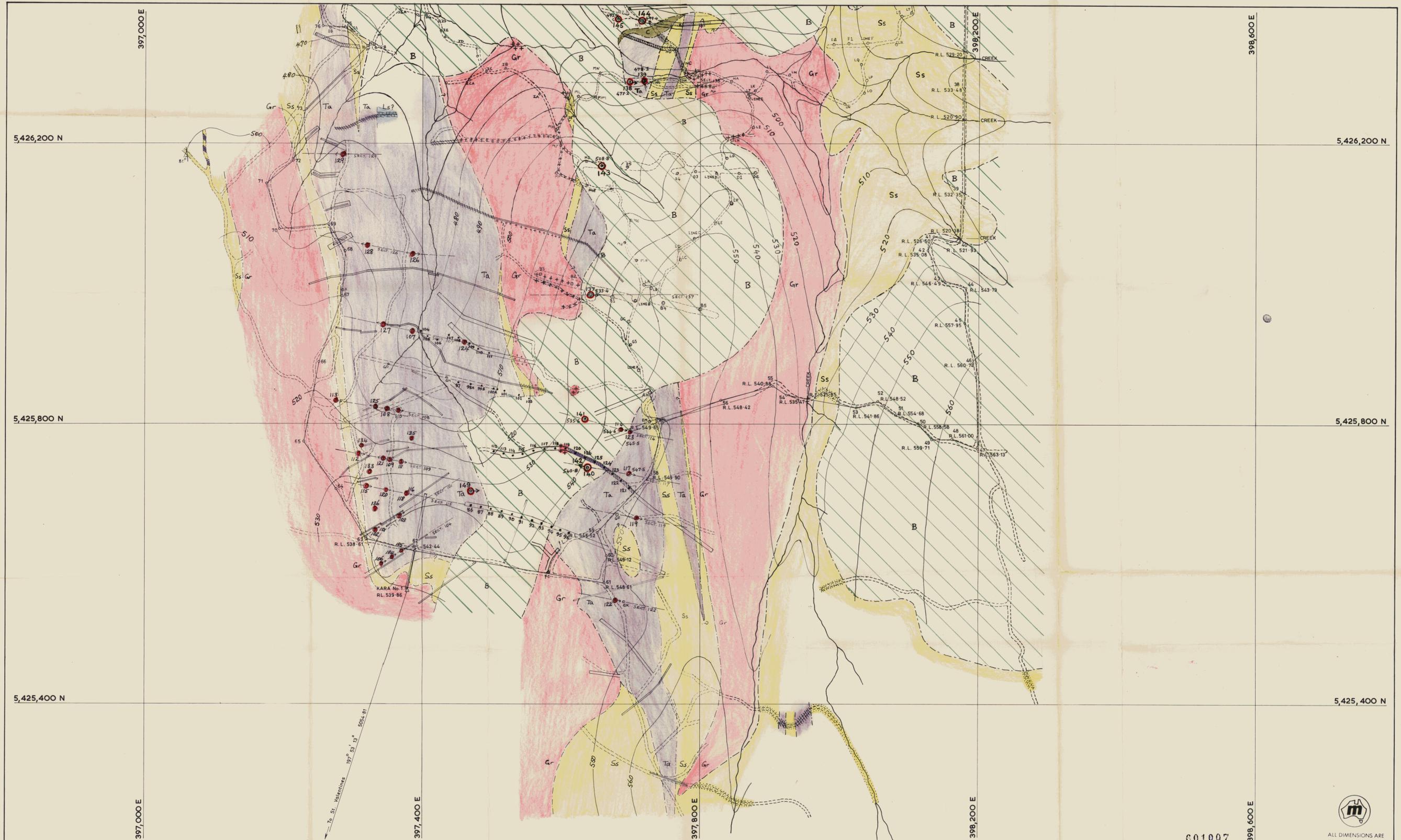
East Ridgley Area

Highclere Area

East of Hampshire

Kara Prospects

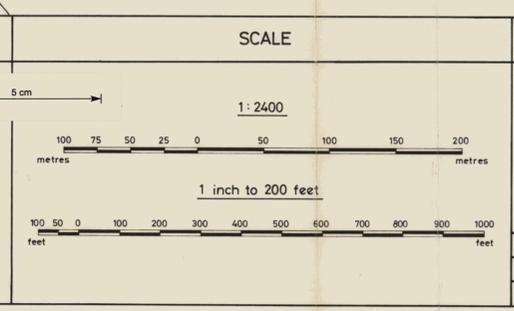
East Kara Creek.



ADDITIONS & NOTES

GEOLOGY	
TERTIARY	<ul style="list-style-type: none"> B Basalt C Conglomerate, breccia etc
DEVONIAN	<ul style="list-style-type: none"> Gr Granite
ORDOVICIAN	<ul style="list-style-type: none"> Ta Tactite (Skarn) Ls Limestone, dolomite Ss Sandstone, quartzite

REFERENCE	
R	River
C	Creek
T	Track
B	Bulldozed cut
BT	Backhead trench
T	Trig beacon
P	Survey peg
C	Coordinated survey point (Altitude in metres)
450	Topographic contour in metres above sea level datum
D	Diamond drillhole
G	Geological boundary
S	Strike and dip of bedding
F	Strike and dip of foliation or banding



601007

ALL DIMENSIONS ARE IN METRIC UNITS

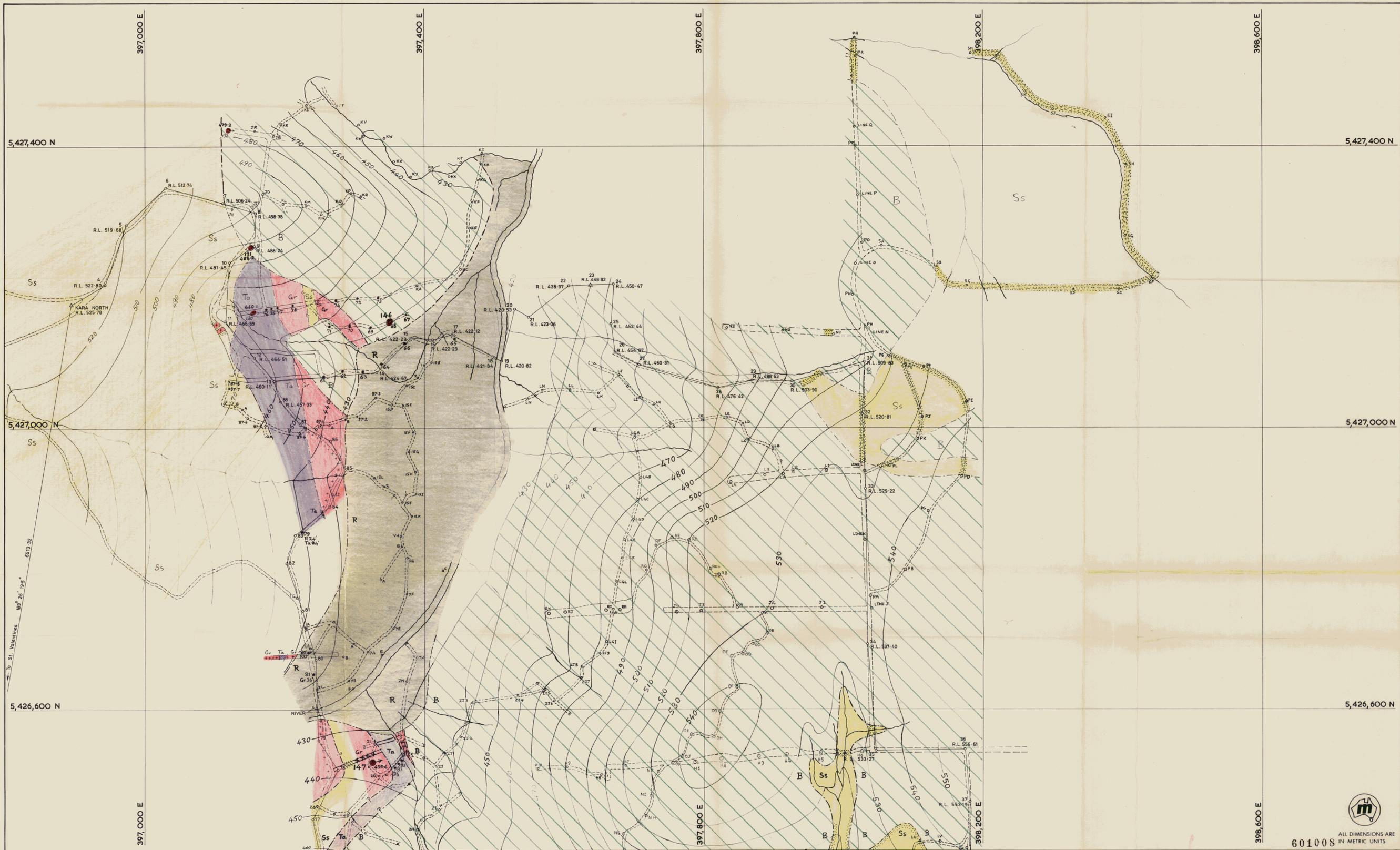
AUSTRALIA AND NEW ZEALAND EXPLORATION COMPANY

KARA TUNGSTEN PROJECT
BURNIE TASMANIA
MAP SHEET KARA N° 1.

74-1008

Prepared by: R.T. BRANDT	Drawn by: R.T.B. & A.L.L.
Scale: 1:2400	Date: 26 March 1974
Dwg. No.	Rept. No.
	Lib. No.





ADDITIONS & NOTES

GEOLOGY

RECENT { R Alluvium, scree, boulders.
 TERTIARY { B Basalt
 { C Conglomerate, breccia etc.
 DEVONIAN { Gr Granite
 ORDOVICIAN { Ta Tactite (Skarn) M = Magnetite.
 { Ls Limestone, dolomite
 { Ss Sandstone, quartzite

REFERENCE

72 Power Augur Hole

5 cm

1:2400

1 inch to 200 feet

100 75 50 25 0 50 100 150 200 metres

100 50 0 100 200 300 400 500 600 700 800 900 1000 feet

River
 Creek
 Track
 Bulldozed Cut
 Backhoed trench
 Trig. beacon
 Survey peg
 Coordinated survey point (Altitude in metres)
 Topographic contour in metres above sea level datum
 Diamond drill hole
 Geological boundary
 Strike and dip of bedding
 Strike and dip of foliation or banding

SCALE

1:2400

1 inch to 200 feet

100 75 50 25 0 50 100 150 200 metres

100 50 0 100 200 300 400 500 600 700 800 900 1000 feet

601008

ALL DIMENSIONS ARE IN METRIC UNITS

AUSTRALIA AND NEW ZEALAND EXPLORATION COMPANY

KARA TUNGSTEN PROJECT
 BURNIE TASMANIA
MAP SHEET KARA NORTH
 74-1008

Prepared by: R.T. BRANDT Drawn by: R.T.B. & A.L.L.
 Scale: 1:2400 Date: Proj. No. X827-003
 Dwg. No. Rept. No. Lib. No.



601008

REFERENCE

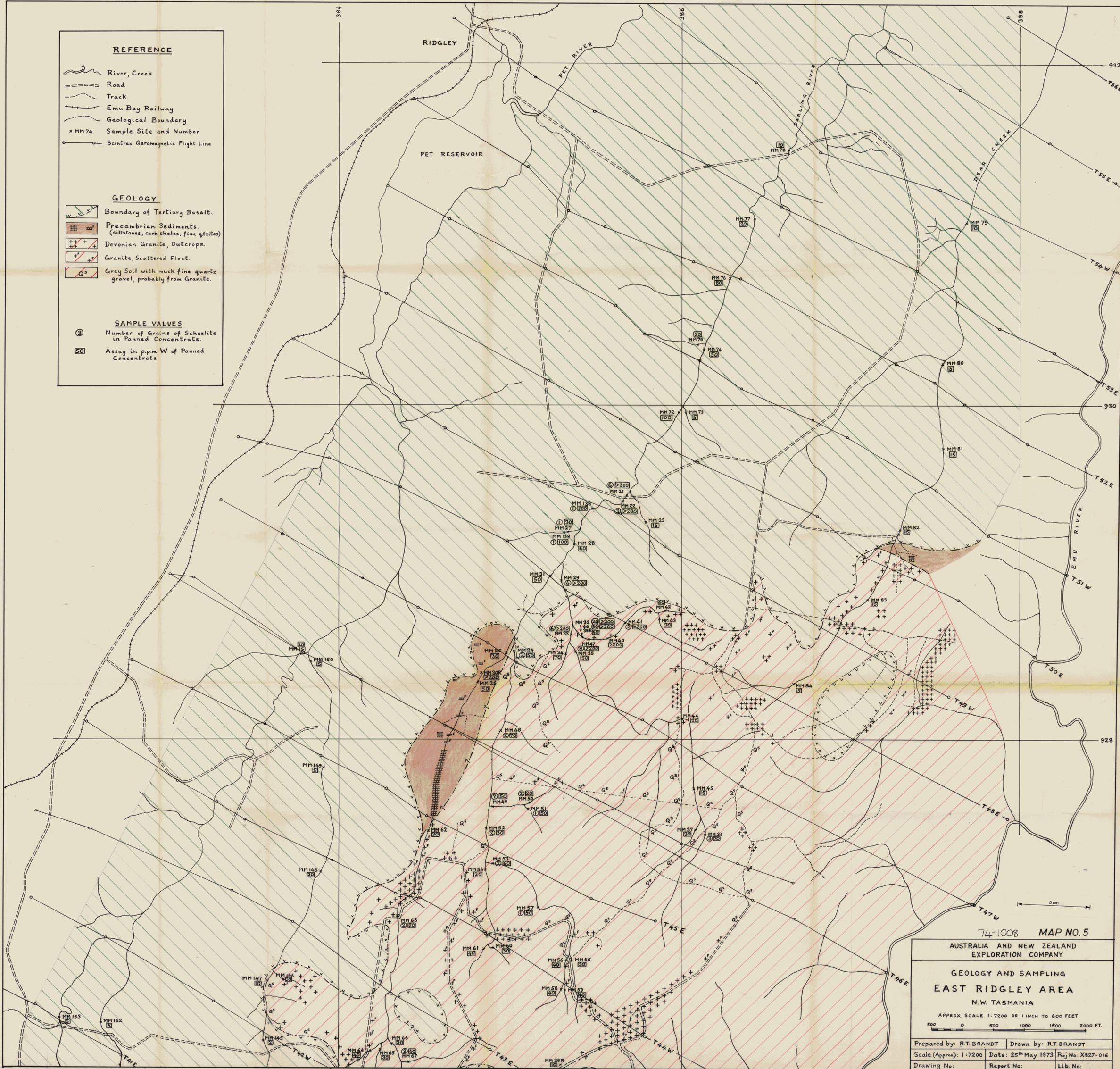
- River, Creek
- Road
- Track
- Emu Bay Railway
- Geological Boundary
- Sample Site and Number
- Scintrex Aeromagnetic Flight Line

GEOLOGY

- Boundary of Tertiary Basalt.
- Precambrian Sediments. (siltstones, carb. shales, fine quartzites)
- Devonian Granite, Outcrops.
- Granite, Scattered Float.
- Grey Soil with much fine quartz gravel, probably from Granite.

SAMPLE VALUES

- Number of Grains of Scheelite in Panned Concentrate.
- Assay in p.p.m. W of Panned Concentrate.



74-1008 **MAP NO. 5**

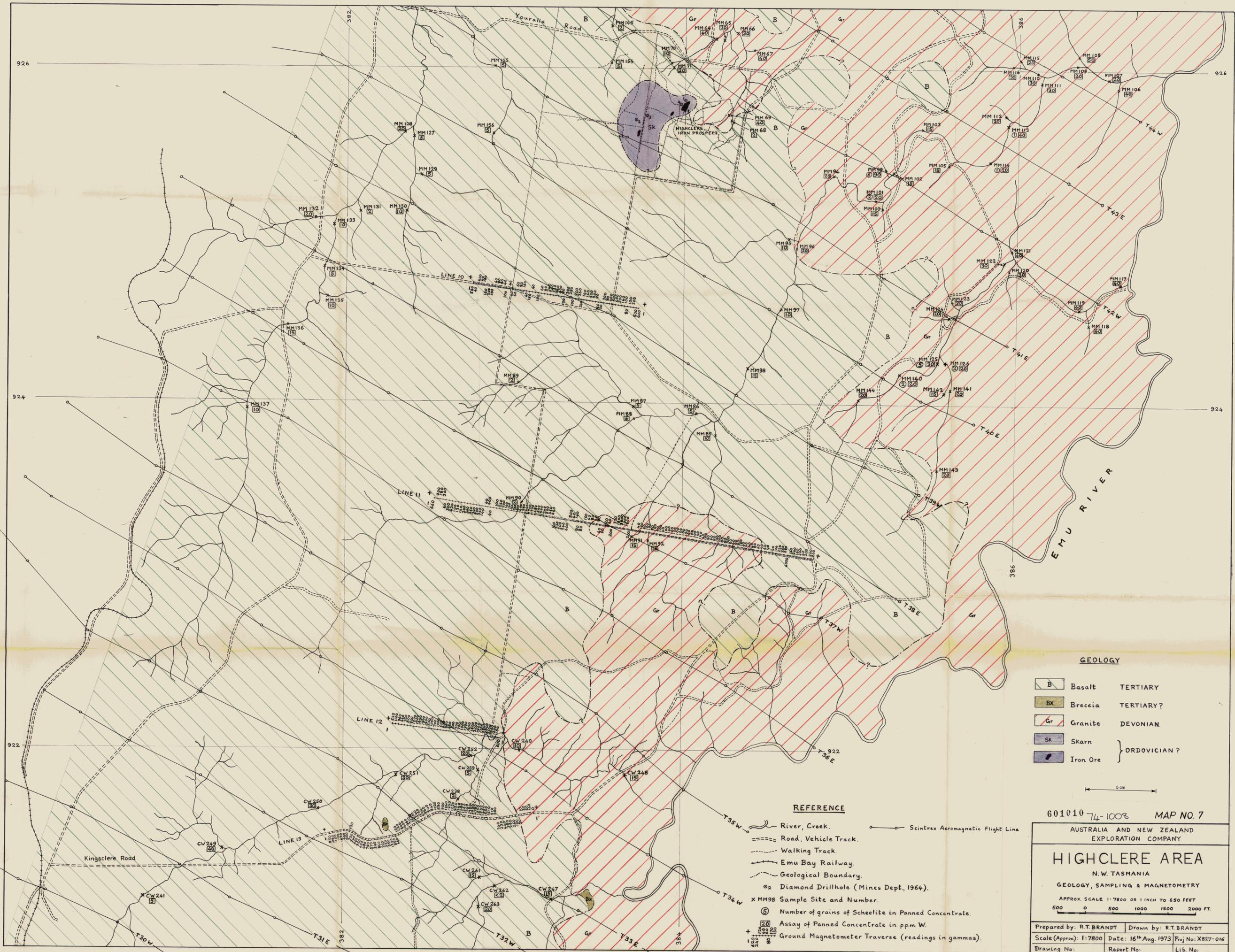
AUSTRALIA AND NEW ZEALAND
EXPLORATION COMPANY

GEOLOGY AND SAMPLING
EAST RIDGLEY AREA
N.W. TASMANIA

APPROX. SCALE 1:7200 OR 1 INCH TO 600 FEET

500 0 500 1000 1500 2000 FT.

Prepared by: R.T. BRANDT Drawn by: R.T. BRANDT
Scale (Approx): 1:7200 Date: 25th May 1973 Proj No: X827-016
Drawing No: Report No: Lib. No:



GEOLOGY

B	Basalt	TERTIARY
BX	Breccia	TERTIARY?
Gr	Granite	DEVONIAN
SK	Skarn	} ORDOVICIAN?
(Dark Purple)	Iron Ore	

5 cm

- REFERENCE**
- River, Creek.
 - Road, Vehicle Track.
 - Walking Track.
 - Emu Bay Railway.
 - Geological Boundary.
 - ⊙ Diamond Drillhole (Mines Dept., 1964).
 - x MM98 Sample Site and Number.
 - Ⓢ Number of grains of Scheelite in Panned Concentrate.
 - Ⓢ Assay of Panned Concentrate in ppm W.
 - + Ground Magnetometer Traverse (readings in gammas).
 - Scintrex Aeromagnetic Flight Line

601010 74-1008 MAP NO. 7

AUSTRALIA AND NEW ZEALAND EXPLORATION COMPANY

HIGHCLERE AREA

N.W. TASMANIA

GEOLOGY, SAMPLING & MAGNETOMETRY

APPROX. SCALE 1:7800 OR 1 INCH TO 650 FEET

500 0 500 1000 1500 2000 FT.

Prepared by: R.T. BRANDT	Drawn by: R.T. BRANDT
Scale (Approx): 1:7800	Date: 16 th Aug. 1973 Proj No: X827-016
Drawing No:	Report No: Lib. No:

601011

AUSTRALIA AND NEW ZEALAND
EXPLORATION COMPANY.

GEOLOGY + GEOCHEMICAL SAMPLING.

EAST OF HAMPSHIRE.

E.L. 1/69.

SCALE 1" = 600 FT. DATE - MAY 1973.

GEOLOGY.

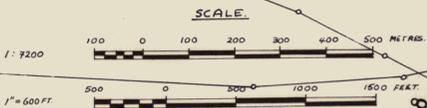
- = ALLUVIAL.
- = TERTIARY BASALT.
- = BASAL CONGLOMERATE.
- = DEVONIAN GRANITE.
- = MAGNETITE SKARN.
- = ORDOVICIAN SEDIMENTS.

SAMPLING.

- X = SAMPLE LOCATION.
- cw.250 = STREAM SEDIMENT SAMPLE.
- cw.251r = ROCK SAMPLE.
- X = ASSAY VALUE - PPM. W.

REFERENCE.

- = RIVER.
- = CREEK.
- = ROAD OR TRACK.
- = FOREST TRACK.
- = RAILWAY.

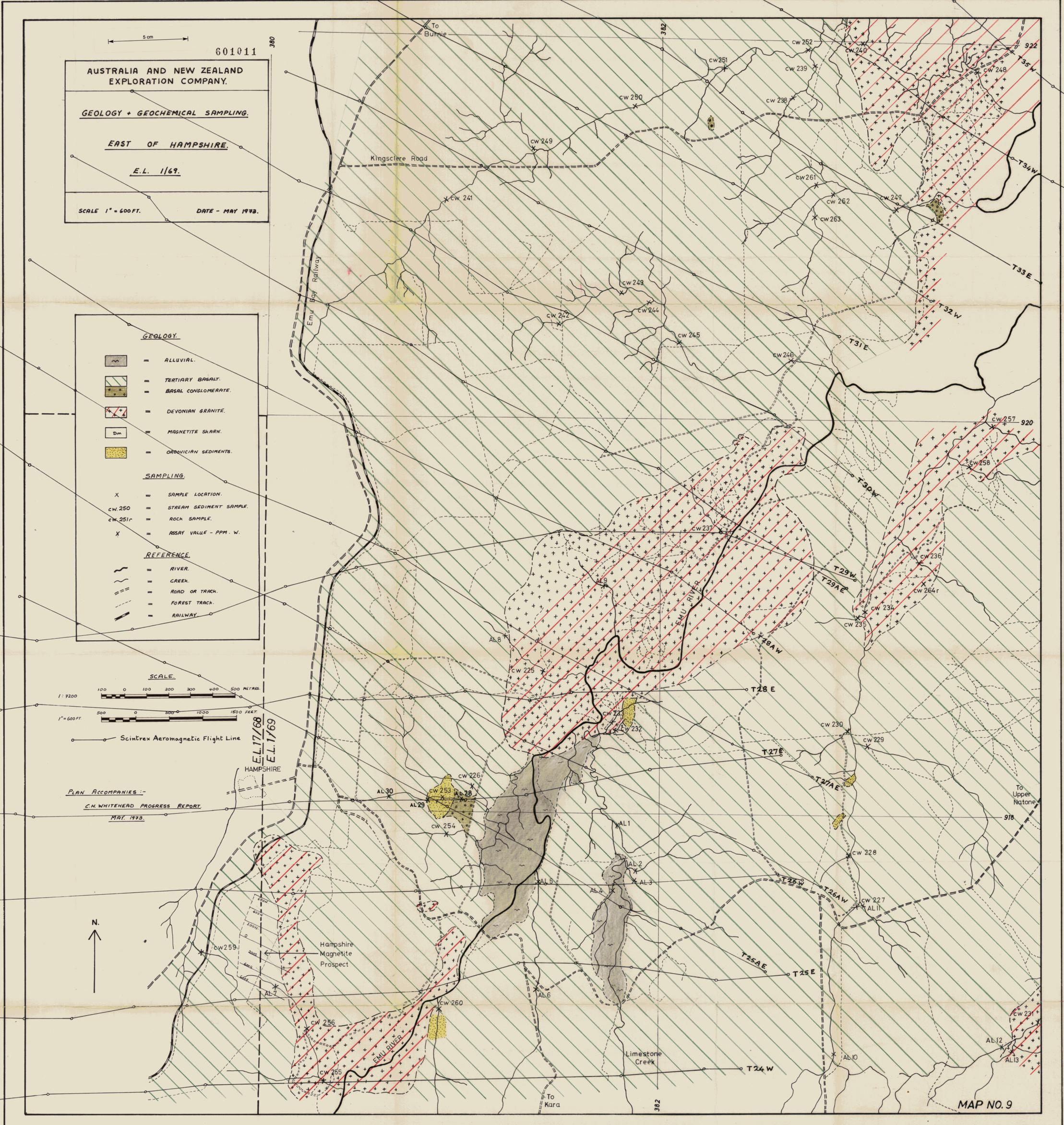


Scintrex Aeromagnetic Flight Line

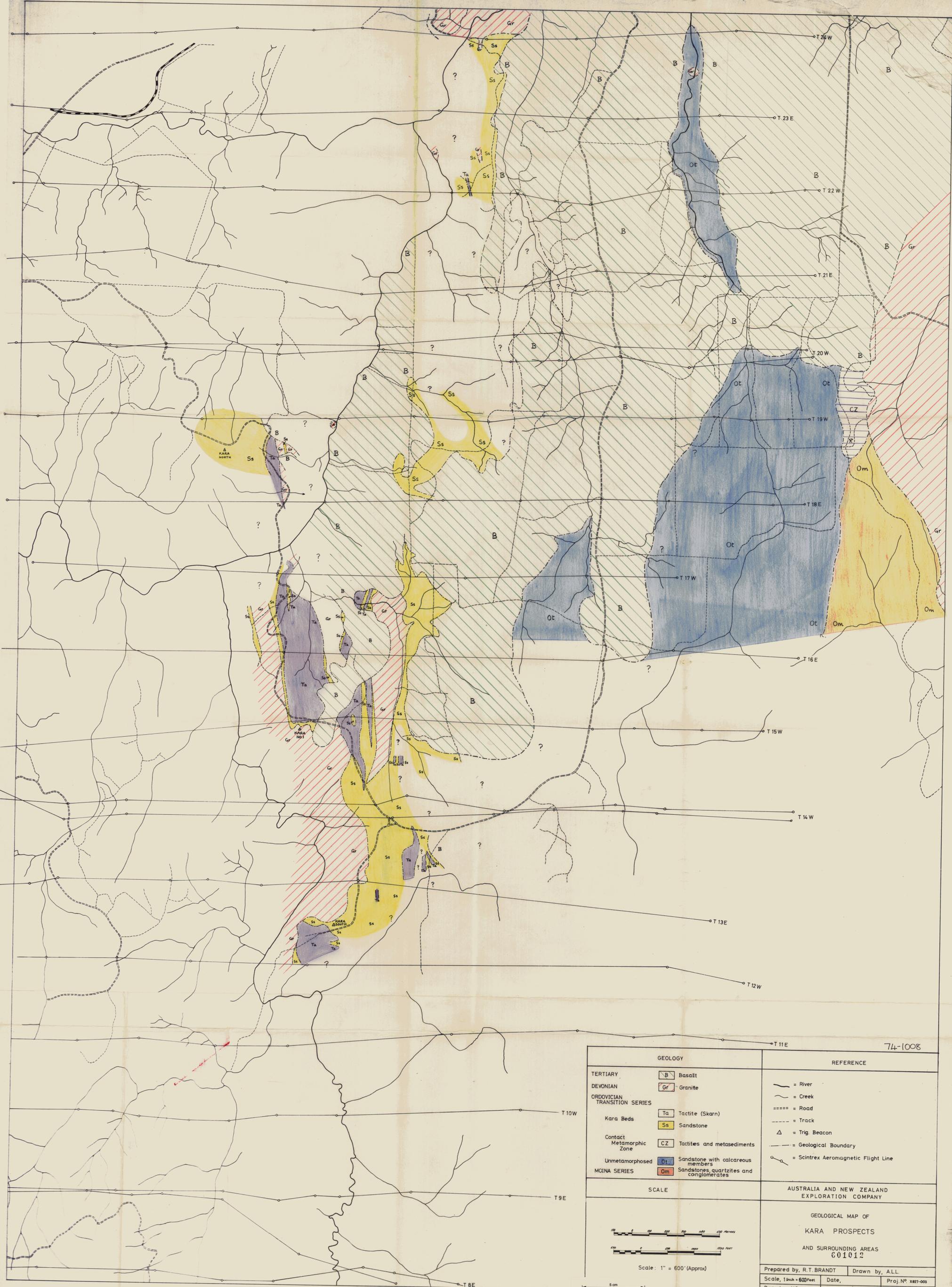
PLAN ACCOMPANIES:-

C.H. WHITEHEAD PROGRESS REPORT

MAY 1973.

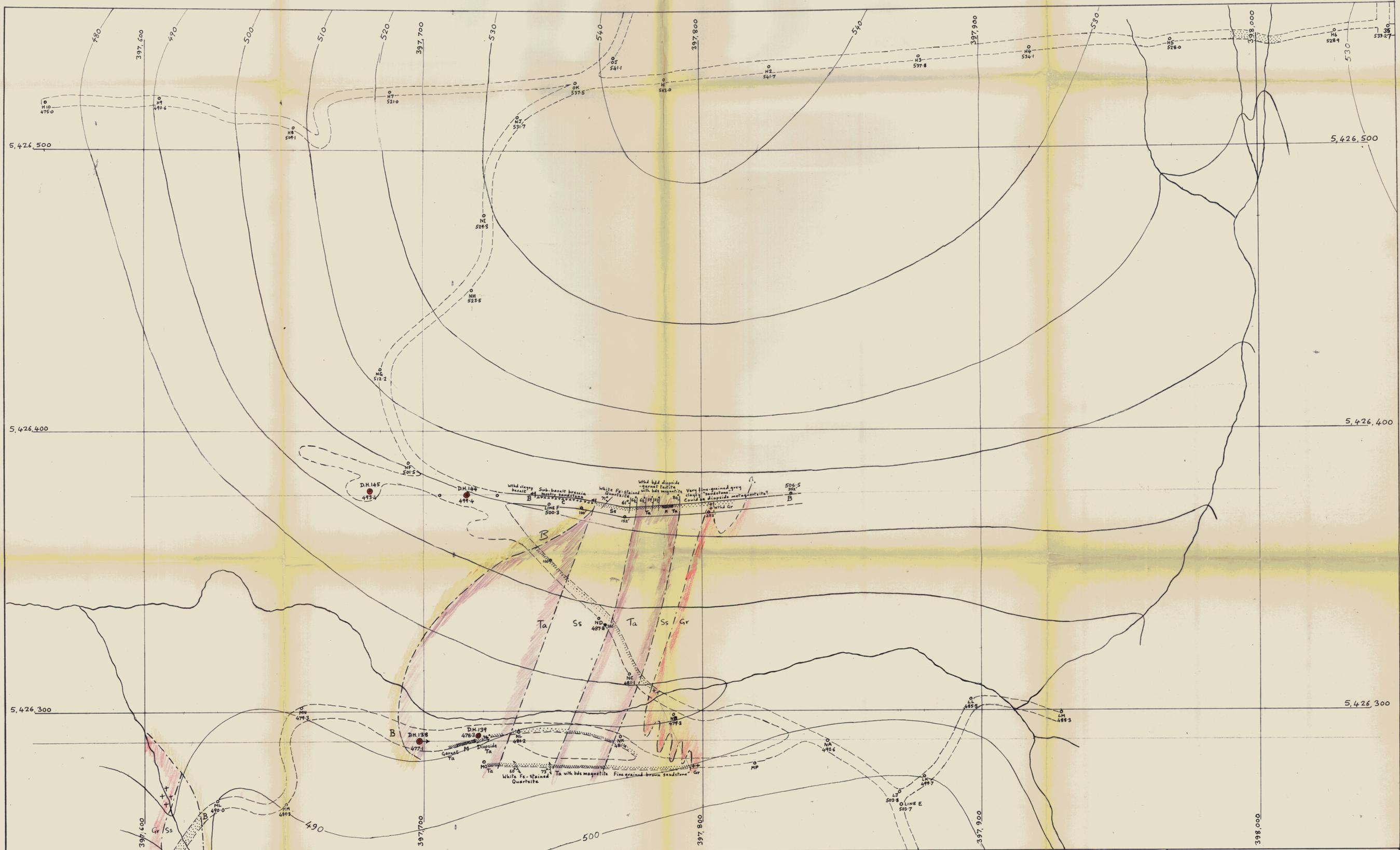


MAP NO. 9



74-1008

GEOLOGY		REFERENCE
TERTIARY	B Basalt	— = River
DEVONIAN	Gr Granite	~ = Creek
ORDOVICIAN TRANSITION SERIES	Ta Tactite (Skarn)	==== = Road
Kara Beds	Ss Sandstone	- - - - = Track
Contact Metamorphic Zone	CZ Tactites and metasediments	Δ = Trig. Beacon
Unmetamorphosed MOINA SERIES	Ot Sandstone with calcareous members	— = Geological Boundary
	Om Sandstones, quartzites and conglomerates	○ = Scintrex Aeromagnetic Flight Line
SCALE		AUSTRALIA AND NEW ZEALAND EXPLORATION COMPANY
<p>Scale: 1" = 600' (Approx)</p>		GEOLOGICAL MAP OF KARA PROSPECTS AND SURROUNDING AREAS 601012
Prepared by, R.T. BRANDT		Drawn by, A.L.L.
Scale, 1 inch = 600 feet		Date, _____
Drawing N ^o		Report N ^o
		Proj. N ^o x827-008
		Lib. N ^o



ADDITIONS & NOTES

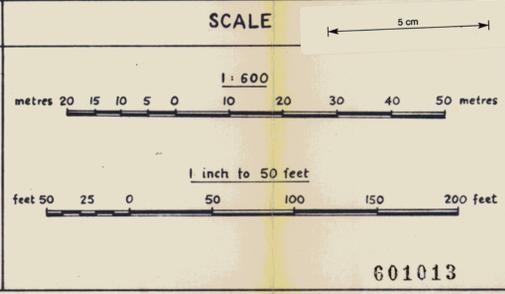
GEOLOGY

TERTIARY { B Basalt
C Conglomerate, breccia etc.

DEVONIAN { Gr Granite

ORDOVICIAN { Ta Tactite (skarn) M = Magnetite
Ls Limestone, dolomite
Ss Sandstone, quartzite

REFERENCE



AUSTRALIA AND NEW ZEALAND EXPLORATION COMPANY

KARA TUNGSTEN PROJECT
BURNIE TASMANIA

MAP SHEET EAST KARA CREEK

74-1008

Prepared by: _____ Date: _____ Proj. No: _____
 Drawn by: _____ Rept. No: _____ Lib. No: _____

601013

AUSTRALIA & NEW ZEALAND EXPLORATION COMPANY

QUARTERLY PROGRESS REPORT TO TASMINEX NL

ON

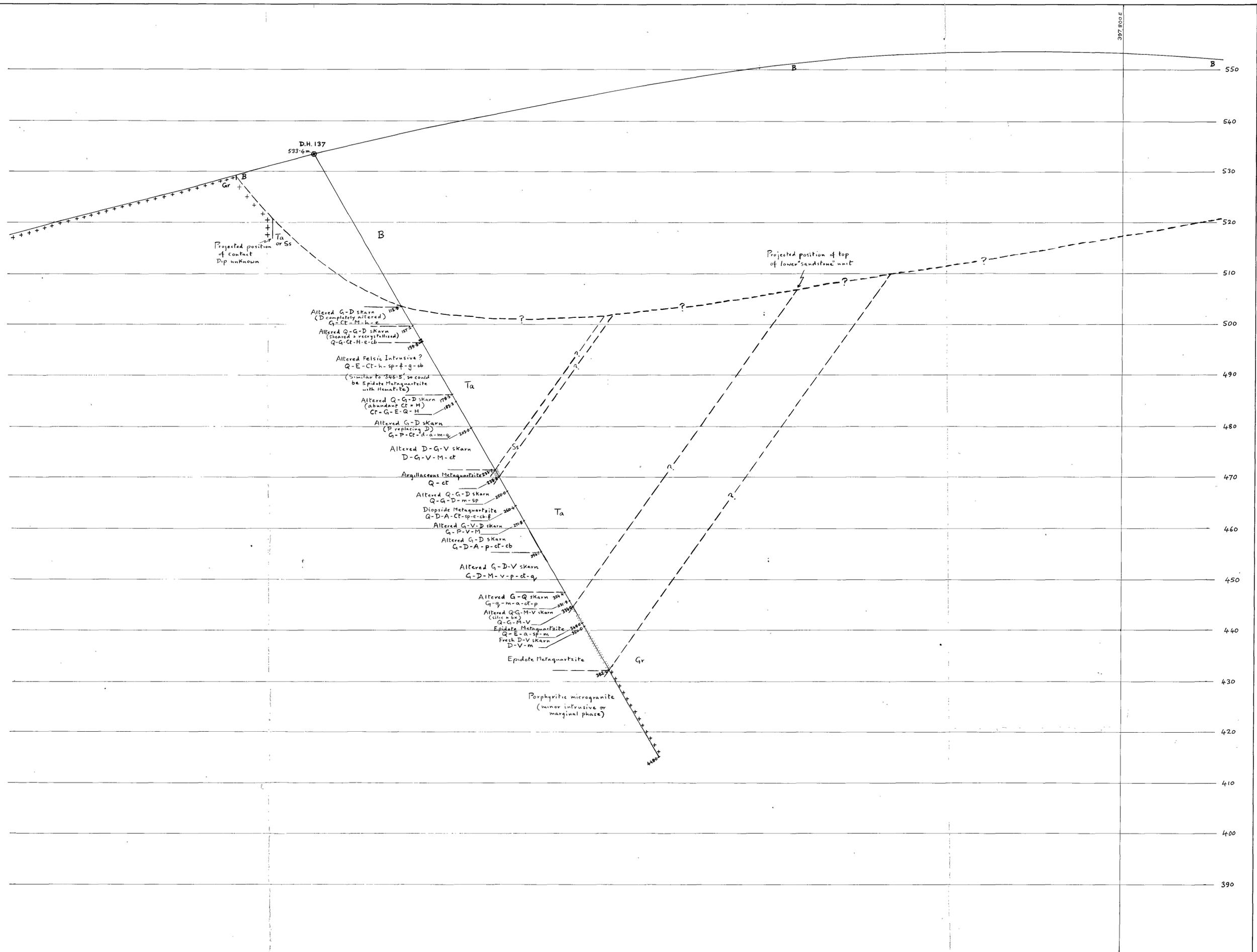
EXPLORATION LICENCES 17/68 & 1/69

TASMANIA

FOR THE PERIOD

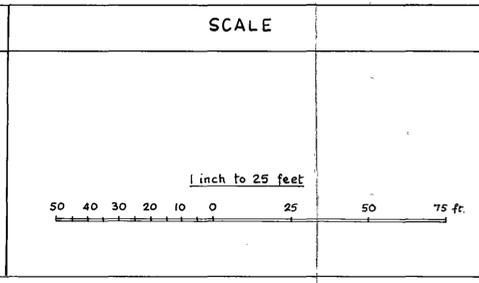
1 JANUARY TO 31 MARCH 1974

DRILLHOLE SECTIONS: 137, 138, 117, 114, 143, 144, 146, 147 & 148



GEOLOGY	
	Basalt
	Granite
	Tactite (skarn)
	Sandstone
	Scheelite moderate
	Scheelite strong

REFERENCE		
MINERALS IDENTIFIED IN DRILL CORE SAMPLES		
MAJOR	MINOR	
A	a	Amphibole (mostly tremolite)
CB	cb	Carbonates
CL	cl	Chlorite, vermiculite, clay minerals.
D	d	Diopside
E	e	Epidote (with zoisite and clinozoisite).
F	f	Fluorite
G	g	Garnet
H	h	Hematite
M	m	Magnetite
P	p	Phlogopite
Q	q	Quartz
S	sp	Sphene
V	v	Vesuvianite

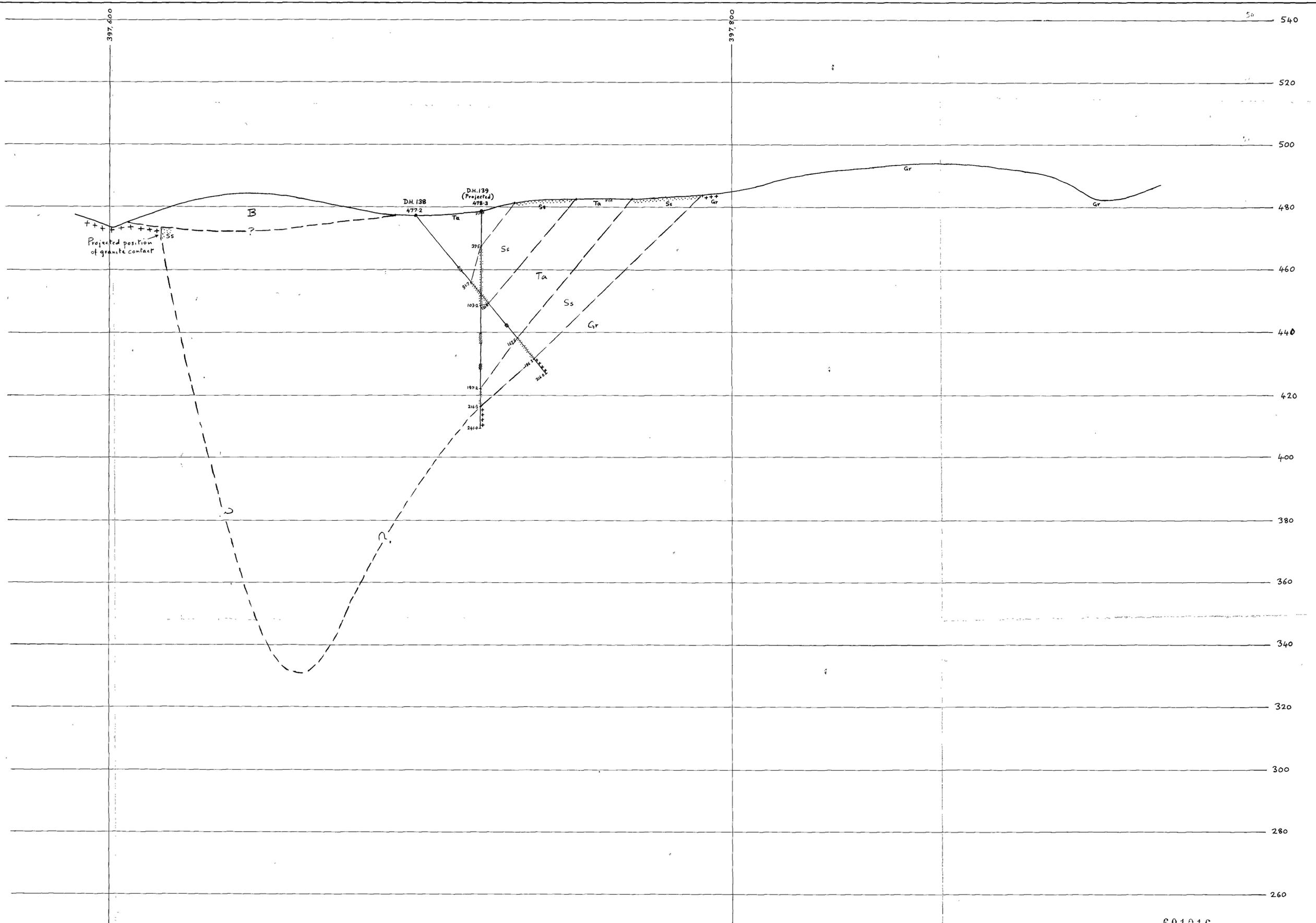


601015

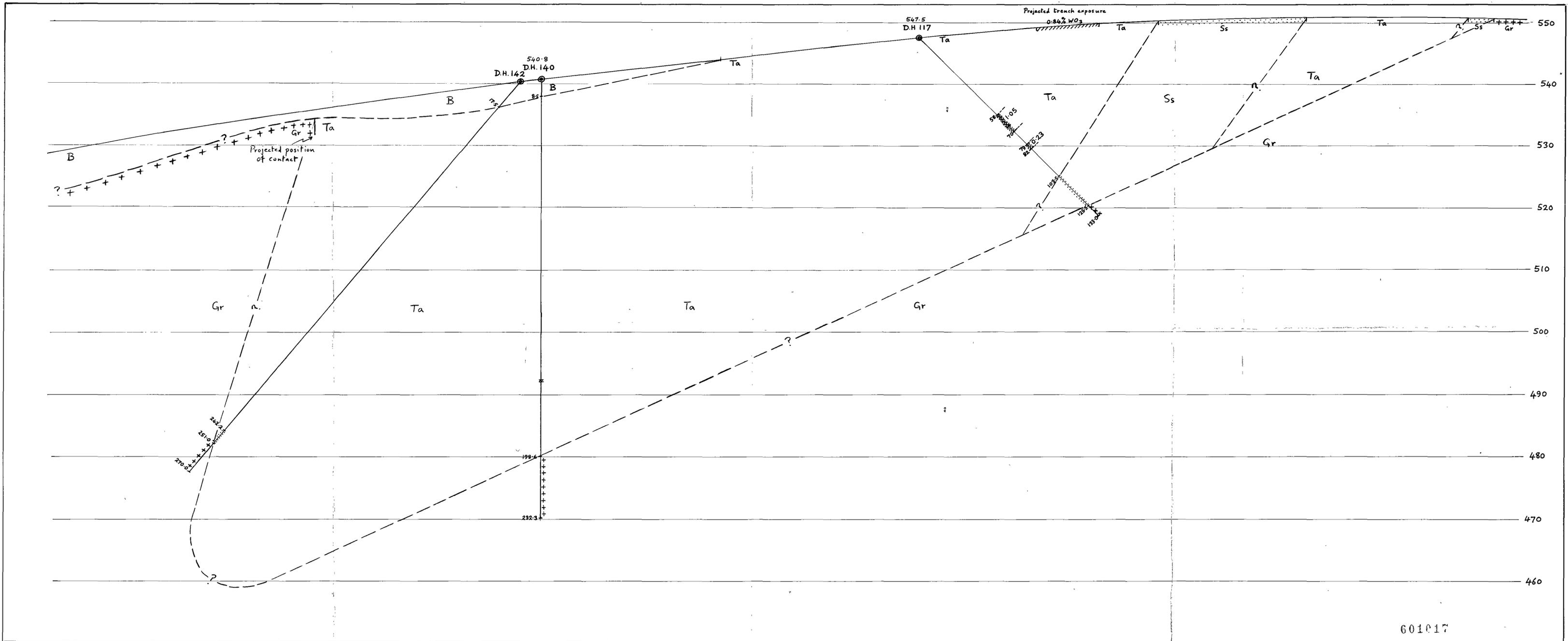
50m

DRILLHOLE SECTION 137
(PROVISIONAL)

74-1008

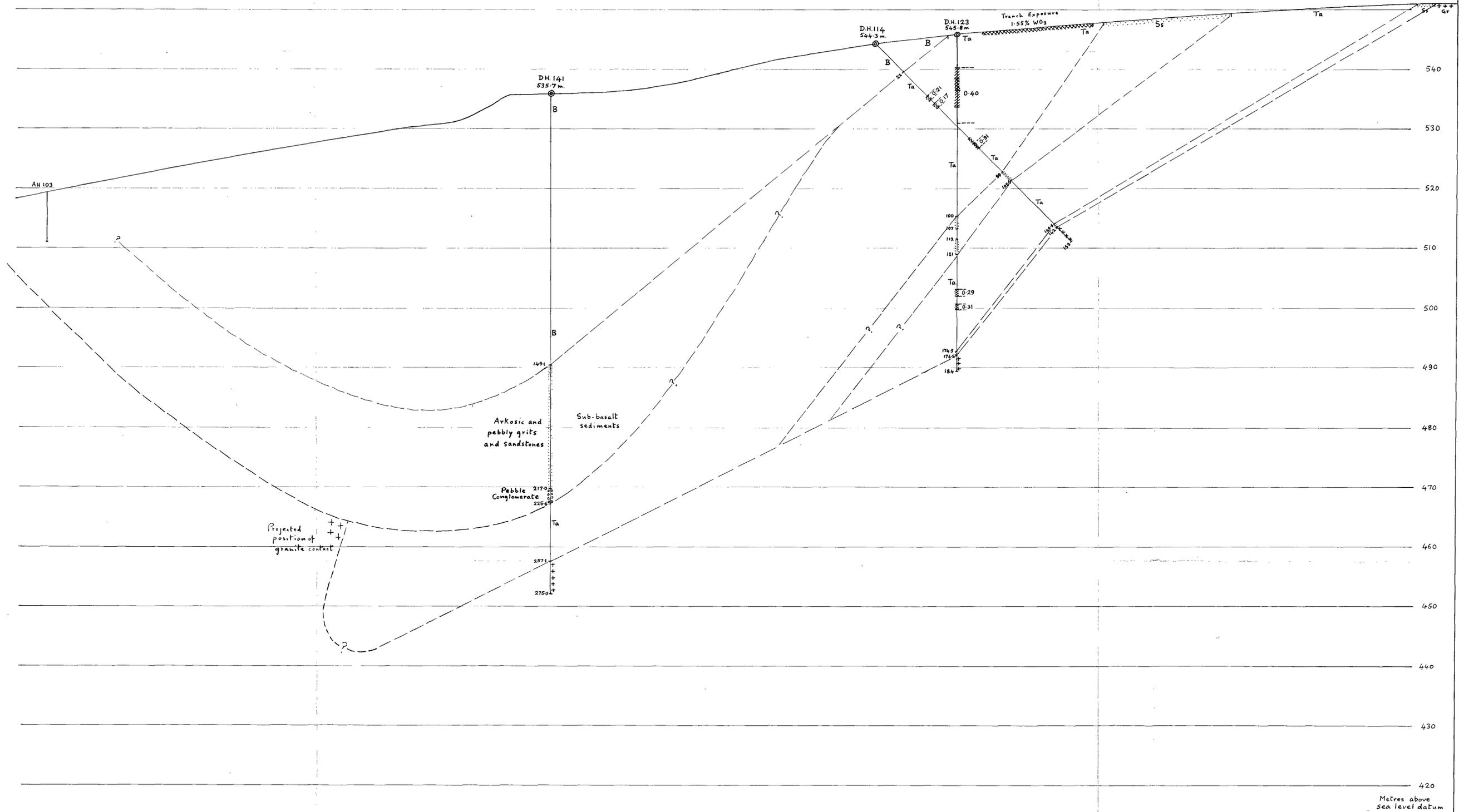


ADDITIONS & NOTES	GEOLOGY	REFERENCE	SCALE	AUSTRALIA AND NEW ZEALAND EXPLORATION COMPANY
	<p>B Basalt</p> <p>Gr Granite</p> <p>Ta Tactite (skarn)</p> <p>Ss Sandstone</p> <p>Scheelite moderate</p> <p>Scheelite strong</p>		<p>1:600</p> <p>Metres 10 5 0 10 20 30 40 50 60 Metres</p> <p>1 inch to 50 feet</p> <p>Feet 50 0 50 100 150 200 Feet</p>	<p>KARA TUNGSTEN PROJECT BURNIE, TASMANIA DRILLHOLE SECTION 138</p> <p>74-1008</p>



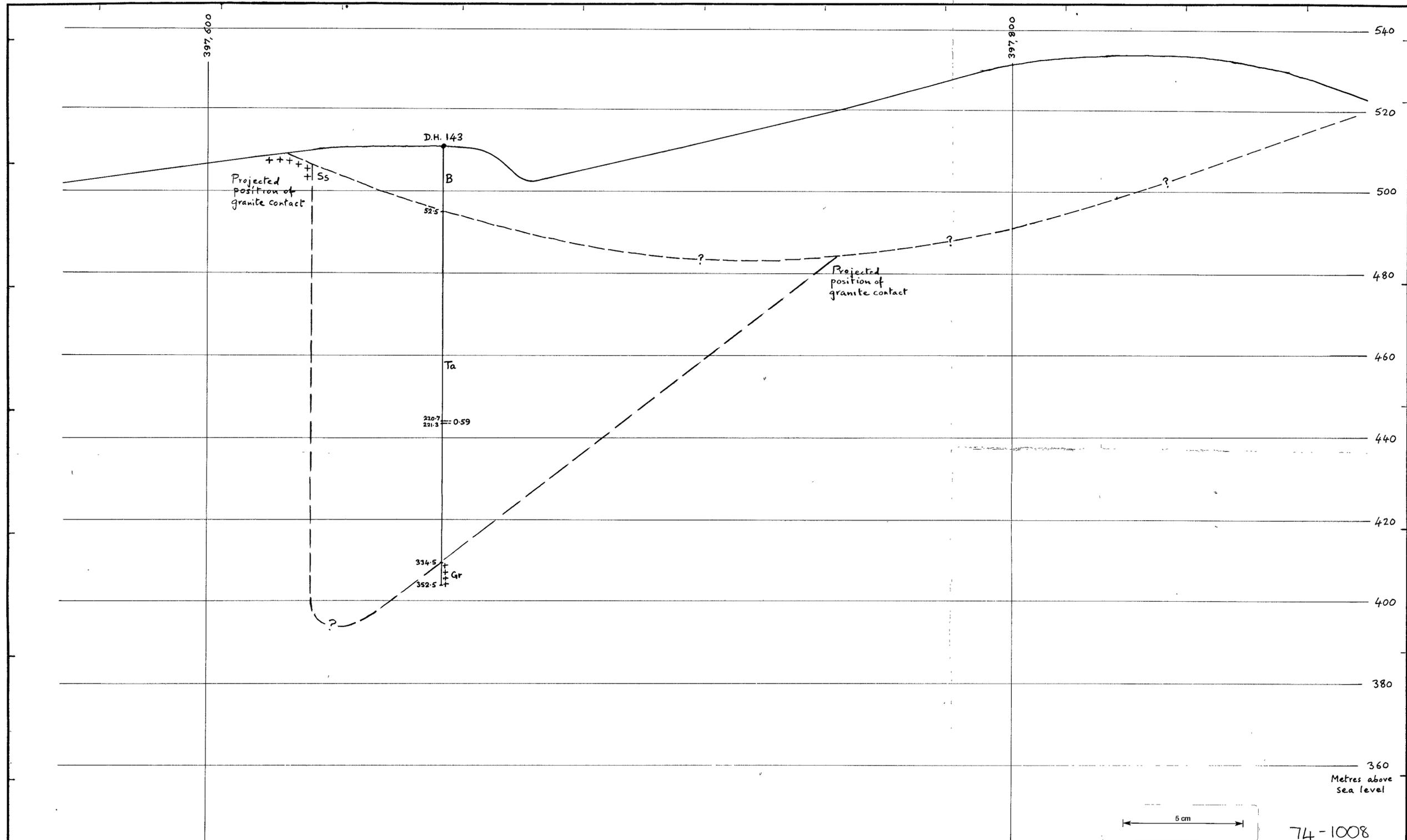
601017

	GEOLOGY	REFERENCE	SCALE	
	<p>B Basalt</p> <p>Gr Granite</p> <p>Ta Tactite (sKarv)</p> <p>Ss Sandstone</p> <p>Scheelite moderate</p> <p>Scheelite strong</p>		<p>1 inch to 25 feet</p> <p>50 40 30 20 10 0 25 50 75 ft</p>	<p>5 cm</p> <p>DRILLHOLE SECTION 117 (PROVISIONAL)</p> <p>74-1008</p>

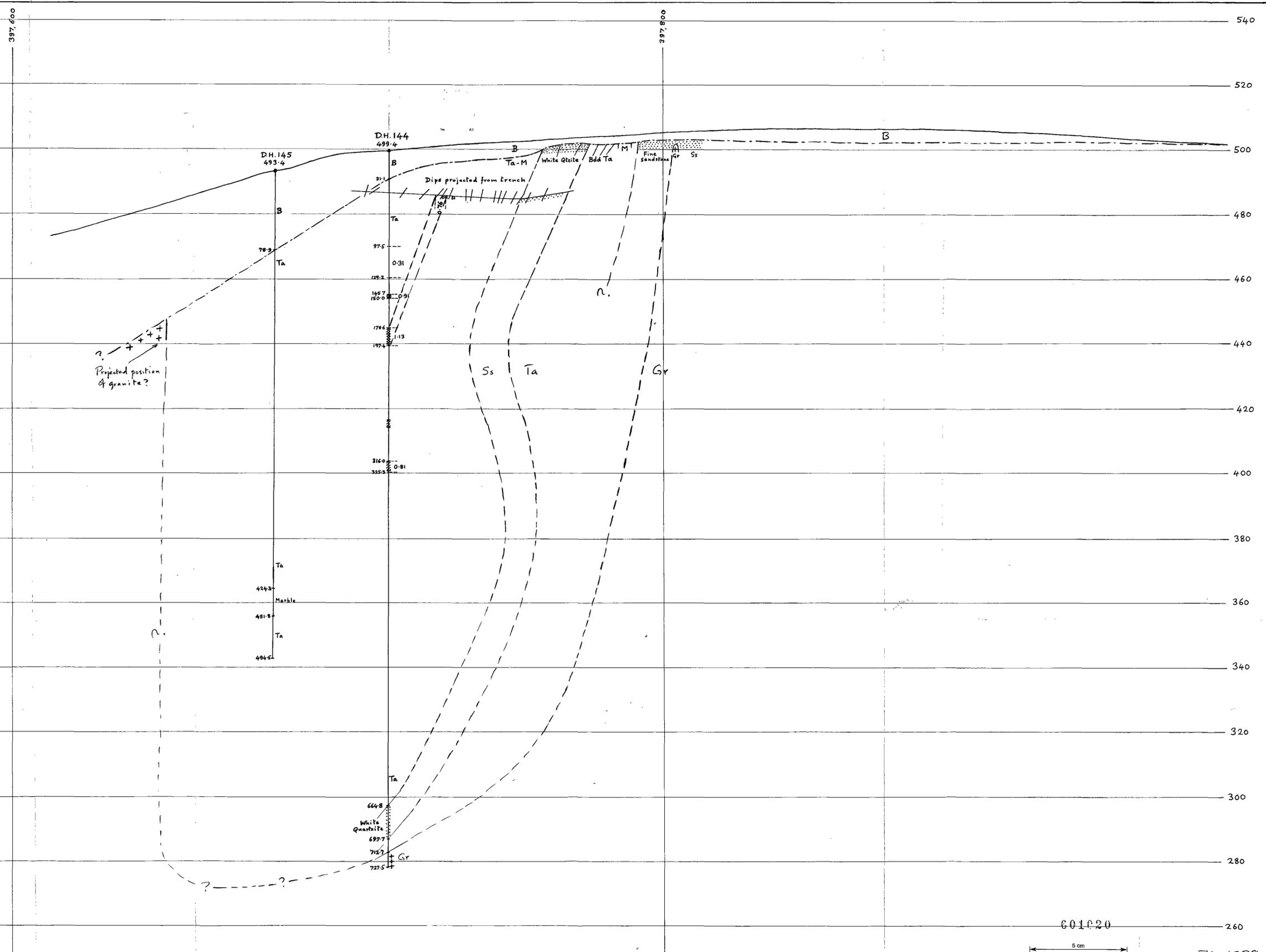


601018 74-1008

GEOLOGY		REFERENCE	SCALE	AUSTRALIA AND NEW ZEALAND EXPLORATION COMPANY
[B]	Basalt (including sub-basalt sediments)	[0.40]	1:300	KARA TUNGSTEN PROJECT BURNIE, TASMANIA DRILLHOLE SECTION 114
[Gr]	Granite	2340	1 inch to 25 feet	
[Ta]	Tactite (skarn)	DH 114	Metres 10 5 0 5 10 15 20 25 Metres	Prepared by: RT BRANDT Drawn by: RT BRANDT
[Ss]	Sandstone	AH 123	Feet 50 40 30 20 10 0 25 50 75 Feet	
[Scheelite moderate]	Scheelite moderate			Scale 1:300 Date: 18 th Mar. 1974 Proj. N° X827-003
[Scheelite strong]	Scheelite strong			Drawing N° Report N° Lib. N°



GEOLOGY	REFERENCE	SCALE	AUSTRALIA AND NEW ZEALAND EXPLORATION COMPANY		
<ul style="list-style-type: none"> B Basalt (including sub-basalt sediments) Gr Granite Ta Tactite (skarn) Ss Sandstone Scheelite moderate Scheelite strong 	<p> =0.59 Drill core assay in % WO₃</p>	<p style="text-align: center;">1:600</p> <p style="text-align: center;">Metres 10 5 0 10 20 30 40 50 60 Metres</p> <p style="text-align: center;">1 inch to 50 feet</p> <p style="text-align: center;">Feet 50 0 50 100 150 200 Feet</p>	<p>KARA TUNGSTEN PROJECT BURNIE, TASMANIA DRILLHOLE SECTION 143</p> <p>601019</p> <p>Prepared by, R.T. BRANDT Drawn by, R.T. BRANDT</p> <p>Scale, 1:600 Date, 18 MAR. 1974 Proj. N^o X827-003</p> <p>Drawing N^o Report N^o Lib. N^o</p>		



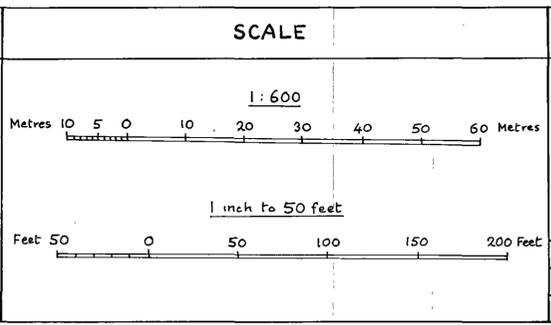
ADDITIONS & NOTES

GEOLOGY

B	Basalt (including sub-basalt sediments)
Gr	Granite
Ta	Tactite (skarn) M = Magnetite
Ss	Sandstone
▨	Scheelite moderate
▩	Scheelite strong

REFERENCE

0.81 Drill-core assay in % WO₃

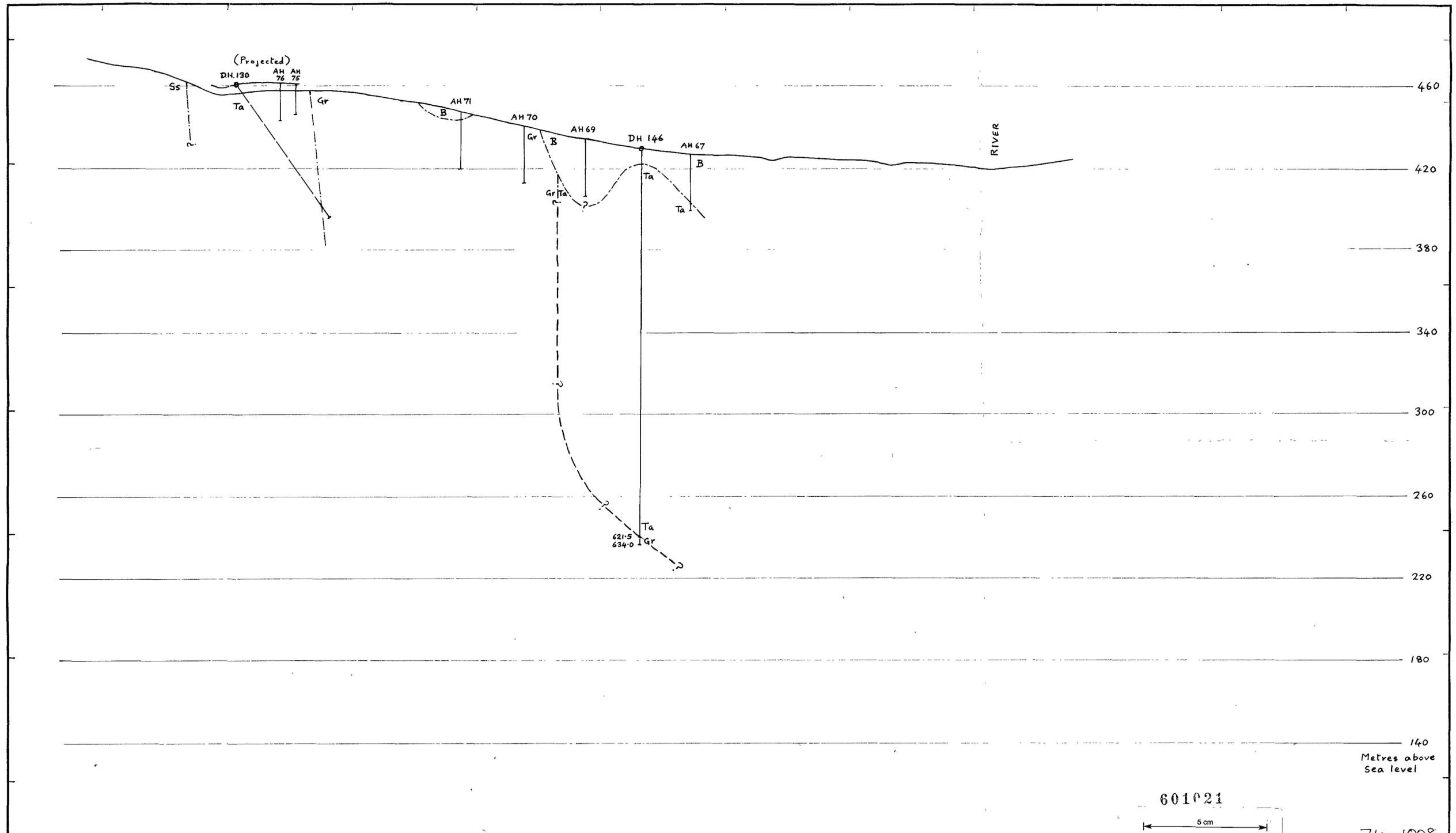


AUSTRALIA AND NEW ZEALAND EXPLORATION COMPANY

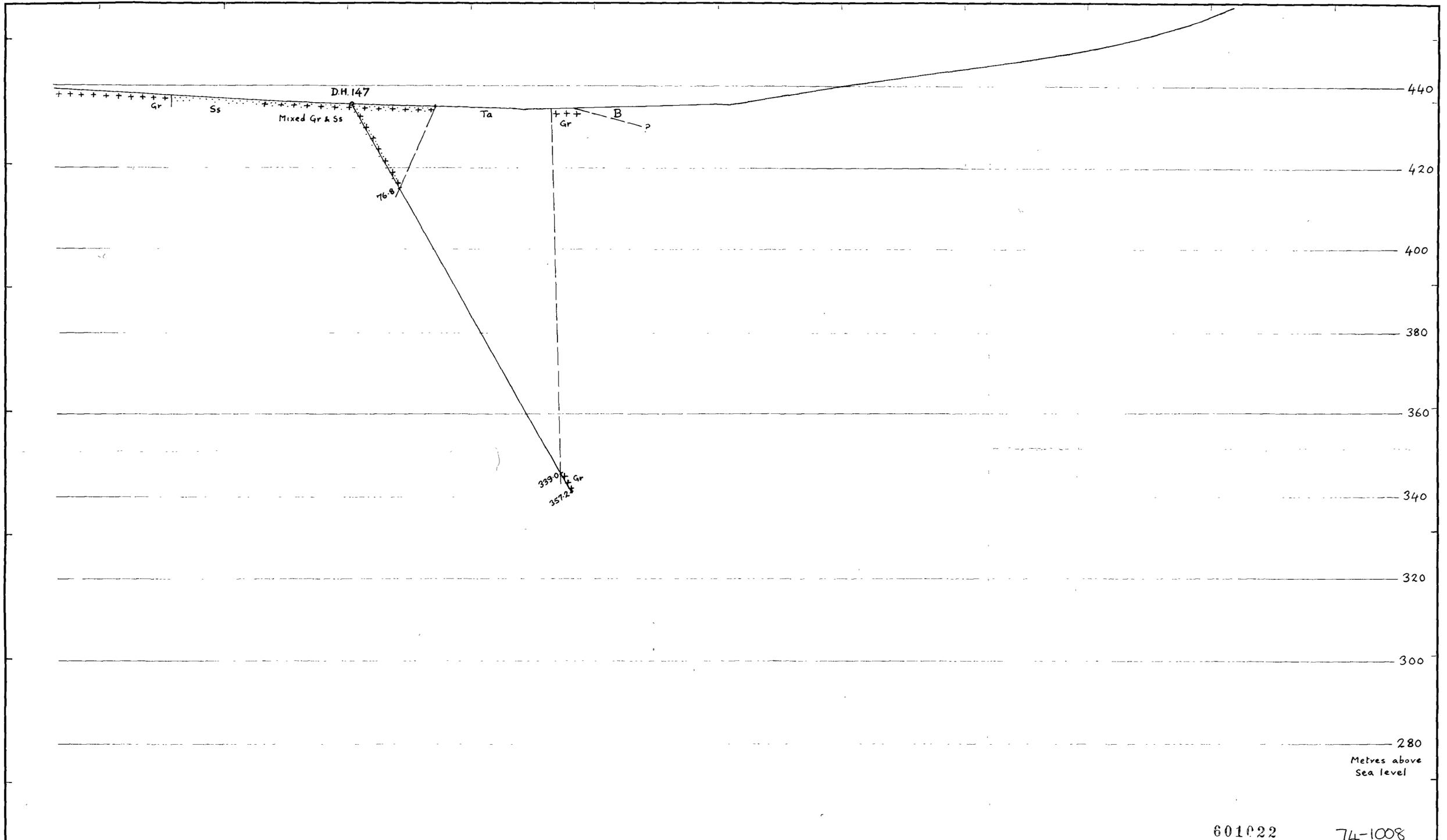
**KARA TUNGSTEN PROJECT
BURNIE, TASMANIA
DRILLHOLE SECTION 144**

Prepared by: R.T.B.	Drawn by: R.T.B.
Scale: 1:600	Date: 22 Mar. 1974
Drawing N°	Report N°
	Lib. N°

601020
5cm
74-1008



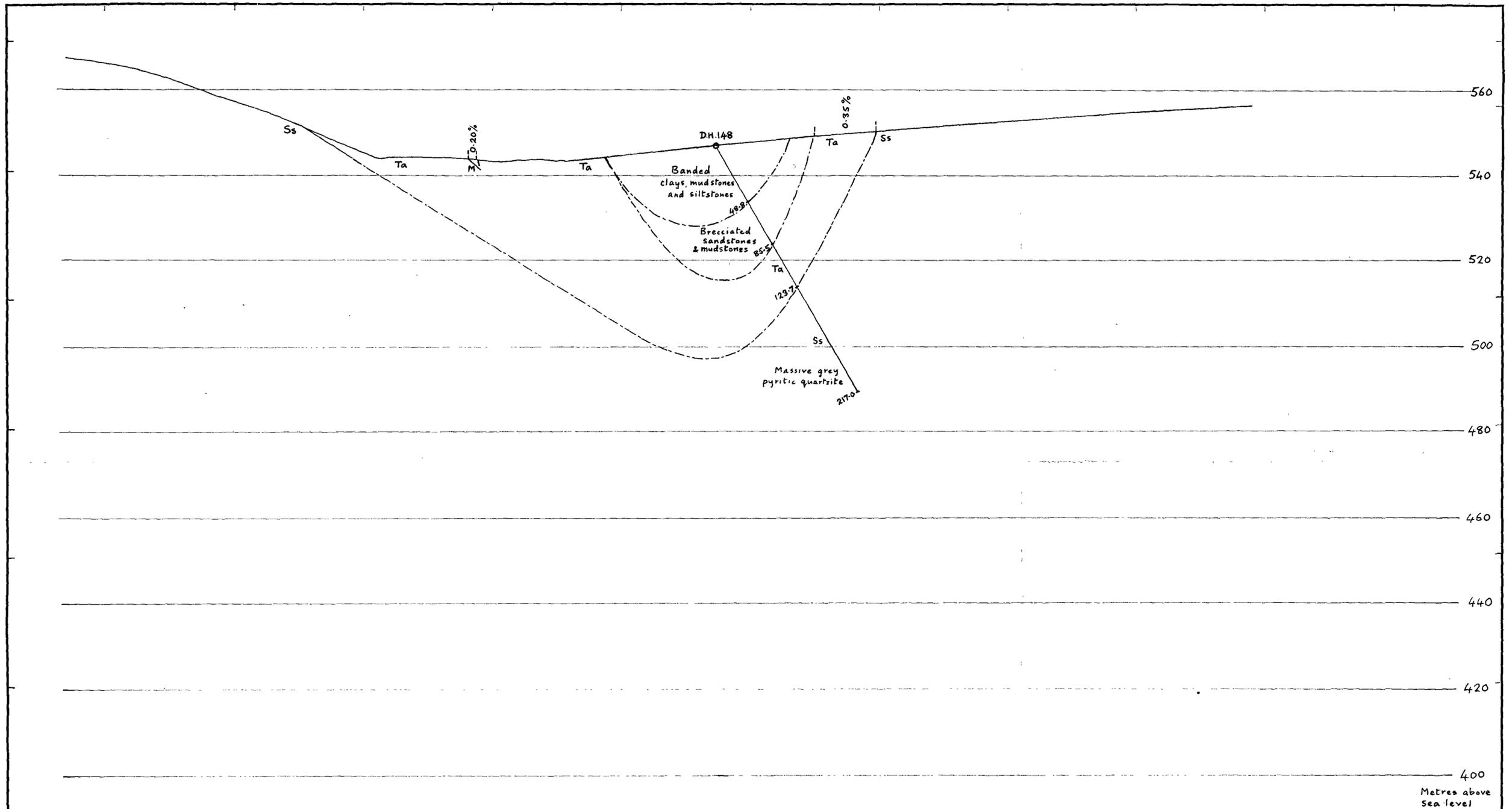
GEOLOGY	REFERENCE	SCALE	AUSTRALIA AND NEW ZEALAND EXPLORATION COMPANY												
<p>B Basalt (including sub-basalt sediments)</p> <p>Gr Granite</p> <p>Ta Tactite (Skarn)</p> <p>Ss Sandstone</p> <p>Scheelite moderate</p> <p>Scheelite strong</p>	<p>DH.146 Diamond Drillhole</p> <p>A.H.112 Augur Hole</p> <p>3450 Assay value in pp.m. WO₃</p> <p>1.45% Assay value in % WO₃</p>	<p>1:1200</p> <p>Metres 40 30 20 10 0 20 40 60 80 100 Metres</p> <p>1 inch = 100 feet</p> <p>Feet 100 50 0 100 200 300 400 Feet</p>	<p>KARA TUNGSTEN PROJECT BURNIE, TASMANIA</p> <p>DRILLHOLE SECTION 146</p> <table border="1" data-bbox="2207 1872 2810 1970"> <tr> <td>Prepared by, R.T.B.</td> <td>Drawn by, R.T.B.</td> </tr> <tr> <td>Scale, 1:1200 1 inch to 100 ft</td> <td>Date, 22 Mar. 1974</td> </tr> <tr> <td>Drawing N^o</td> <td>Report N^o</td> </tr> <tr> <td></td> <td>Proj. N^o X827-003</td> </tr> <tr> <td></td> <td>Lib. N^o</td> </tr> </table>			Prepared by, R.T.B.	Drawn by, R.T.B.	Scale, 1:1200 1 inch to 100 ft	Date, 22 Mar. 1974	Drawing N ^o	Report N ^o		Proj. N ^o X827-003		Lib. N ^o
Prepared by, R.T.B.	Drawn by, R.T.B.														
Scale, 1:1200 1 inch to 100 ft	Date, 22 Mar. 1974														
Drawing N ^o	Report N ^o														
	Proj. N ^o X827-003														
	Lib. N ^o														



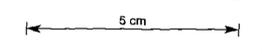
280
Metres above
Sea level

601022 74-1008

GEOLOGY	REFERENCE	SCALE	AUSTRALIA AND NEW ZEALAND EXPLORATION COMPANY												
<p>B Basalt (including sub-basalt sediments)</p> <p>Gr Granite</p> <p>Ta Tactite (Skarn)</p> <p>Ss Sandstone</p> <p>▨ Scheelite moderate</p> <p>▩ Scheelite strong</p>	<p>DH147 Diamond Drillhole</p> <p>AH112 Augur Hole</p> <p>3450 Value in ppm. WO₃</p> <p>1.45% Value in % WO₃</p>	<p>1:600</p> <p>Metres 10 5 0 10 20 30 40 50 60 Metres</p> <p>1 inch = 50 feet</p> <p>Feet 50 0 50 100 150 200 Feet</p>	<p>KARA TUNGSTEN PROJECT BURNIE, TASMANIA</p> <p>DRILLHOLE SECTION 147.</p> <p>5 cm</p> <table border="1"> <tr> <td>Prepared by, R.T.B.</td> <td>Drawn by, R.T.B.</td> </tr> <tr> <td>Scale, 1:600</td> <td>Date, 27 Mar. '74.</td> </tr> <tr> <td>Drawing N^o</td> <td>Proj. N^o X827-003</td> </tr> <tr> <td></td> <td>Report N^o</td> </tr> <tr> <td></td> <td>Lib. N^o</td> </tr> </table>			Prepared by, R.T.B.	Drawn by, R.T.B.	Scale, 1:600	Date, 27 Mar. '74.	Drawing N ^o	Proj. N ^o X827-003		Report N ^o		Lib. N ^o
Prepared by, R.T.B.	Drawn by, R.T.B.														
Scale, 1:600	Date, 27 Mar. '74.														
Drawing N ^o	Proj. N ^o X827-003														
	Report N ^o														
	Lib. N ^o														

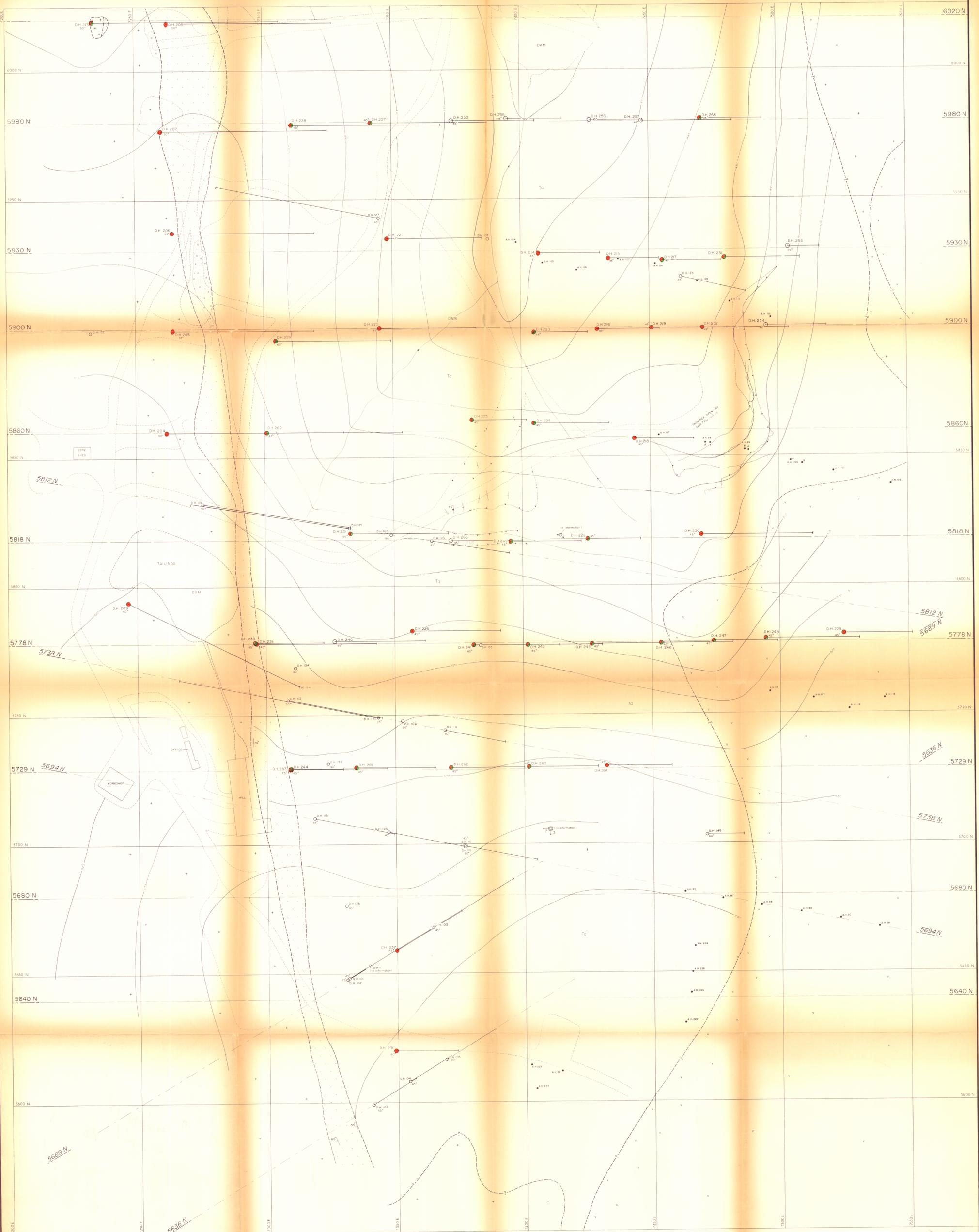


601023



74-1008

GEOLOGY	REFERENCE	SCALE	AUSTRALIA AND NEW ZEALAND EXPLORATION COMPANY		
<p>B Basalt (including sub-basalt sediments)</p> <p>Gr Granite</p> <p>Ta Tactite (Skarn)</p> <p>Ss Sandstone</p> <p>▨ Scheelite moderate</p> <p>▩ Scheelite strong</p>	<p>DH.148 Diamond Drillhole</p> <p>A.H.112 Augur Hole</p> <p>3450 Assay value in p.p.m. WO₃</p> <p>1.45% Assay value in % WO₃</p>	<p>1:600</p> <p>Metres 10 5 0 10 20 30 40 50 60 Metres</p> <p>1 inch to 50 feet</p> <p>Feet 50 0 50 100 150 200 Feet</p>	<p>KARA TUNGSTEN PROJECT</p> <p>BURNIE, TASMANIA</p> <p>DRILLHOLE SECTION 148</p>		
			Prepared by, R.T.B.	Drawn by, R.T.B.	
			Scale, 1:600	Date, 22 Mar. 1974	Proj. N ^o X827-003
			Drawing N ^o	Report N ^o	Lib. N ^o



5812 N

5738 N

5694 N

5689 N

5636 N

5812 N

5689 N

5636 N

5738 N

5694 N

RECORD OF HOLE THROUGH CORE RETAINED

COMPLETE PARTIAL

(Map 1 of 2)

SHEET INDEX

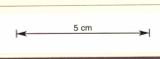
1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16

- Basalt
- Granite
- Skarn (Tactite)
- Sandstone, Conglomerate, Quartzite

REFERENCE

- 85° Strike and Dip of Foliation
- 90° Strike and Dip of Bedding or Banding
- Strike and Dip of Joints
- Bedded or Banded Rock
- Strike of Fault or Shear
- Observed Contact
- Inferred Contact

- 150m Diamond Drill Hole (trace projected to surface)
- D.H. 100 to 200 - ANZECC Holes
- D.H. 200 to 300 - McIntyre Holes
- Survey Station
- 10m Contour Interval (metres)
- Road or Track
- Building



MCINTYRE MINES (AUST.) PTY. LTD.

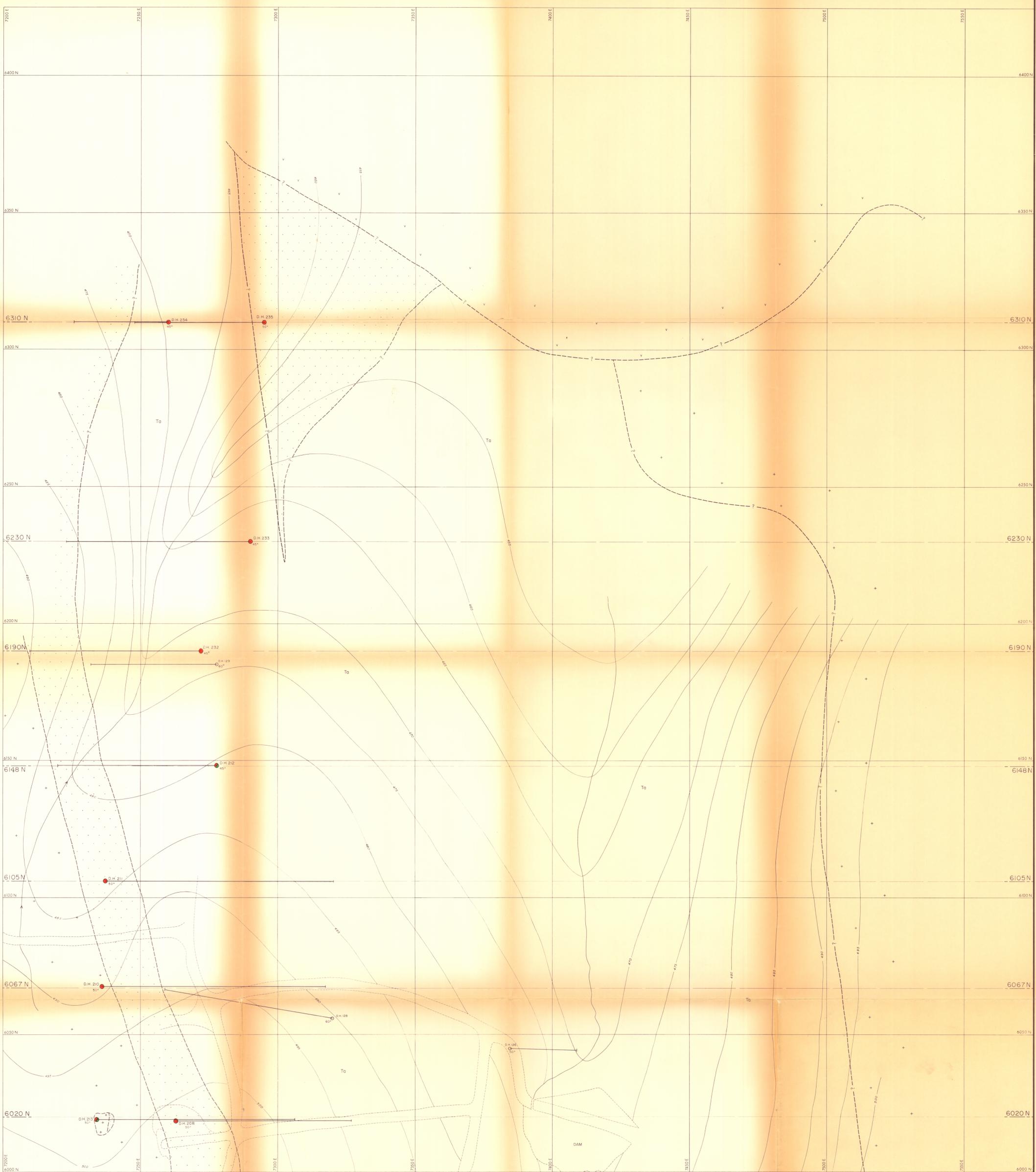
KARA PROJECT
TASMANIA

BASIC GEOLOGY AND DRILL HOLES
SHEET 1

Scale 1:500

MAP NO. 78/

DRAWN: [] WORK BY: [] CHECKED BY: []
DATE: [] PROJECT NO. 21081 REVISIONS: []



RECORD OF HOLE THROUGH CORE RETAINED

COMPLETE ● PARTIAL ● ●

(Map 2 of 2)

SHEET INDEX

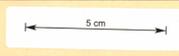
	11	12	13
	8	9	10
	5	6	7
	3	4	
5425550 E	1	2	

- V V Basalt
- + + Granite
- Ta Skarn (Tachite)
- ● ● ● Sandstone, Conglomerate, Quartzite

REFERENCE

- 85° Strike and Dip of Foliation
- 20° Strike and Dip of Bedding or Banding
- Strike and Dip of Joints
- == Bedded or Banded Rock
- ~ Strike of Fault or Shear
- Observed Contact
- - - - - Inferred Contact

- D.H. 205 O 100m Diameter Drill Hole (Trace projected to surface)
- D.H. 1 to 100 - Tasmania Holes
- D.H. 100 to 200 - ANZECC Holes
- D.H. 200 to 300 - McIntyre Holes
- △ Survey Station
- Contour Interval (metres)
- - - - - Road or Track
- Building



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74-1008

MCINTYRE MINES (AUST.) PTY. LTD.

KARA PROJECT
TASMANIA

BASIC GEOLOGY AND DRILL HOLES

SHEET 3

Scale 1:500
Scale in Metres

MAP NO. 78/

DRAWN	WORK BY	CHECKED BY
DATE	PROJECT NO. 21081	REVISIONS