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**TOTAL Mining Australia Pty. Limited**

142

TOTAL MINING AUSTRALIA PTY. LIMITED  
AND  
ZAPOPAN CONSOLIDATED PTY. LTD.

BURNSIDE PROJECT  
E.L. 3504

1987 REPORT

R/87-5-U

J. P. BOUT  
AUGUST, 1987

**C R 8 8 / 1 1**

# **TOTAL Mining Australia Pty. Limited**

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1.

## I. INTRODUCTION

The drilling campaign carried out in 1986 on the Kelly prospect revealed two holes with low grade mineralisation intersected over a substantial depth. Although possibly of supergene origin, the lateral extension of the mineralised volume and the type of mineralisation had to be checked. This was the objective of the 1987 percussion drilling campaign. No other work was carried out on the rest of the project.

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## II. REGIONAL GEOLOGY

Figure 2 shows the location of the main project area within the overall Pine Creek Geosyncline - adjacent to the Burnside Granite, one of 21 Carpentarian multi-phase intrusions into Lower Proterozoic strata.

Figure 1 shows in more detail the kidney-shaped Burnside stock with the almost concordant flanking Lower Proterozoic sediments and volcanics.

## III. LOCAL GEOLOGY

Figure 1 is a plot of the E.L. on a B.M.R. geology base showing the apparently simple stratigraphic progression away from the granite contact - thus Wildman Siltstone, Acacia Gap Quartzite, Zamu Dolerite, Koolpin Formation carbonaceous shales and Gerowie Tuff. Kelly's Prospect is located within a thin band of sediments (shales and dolomite of the Koolpin Formation) sandwiched between the Burnside Granite and Zamu Dolerite. The extended grid at Kelly's now includes outcropping metamorphosed sediments: quartzites, mica schist and carbonaceous andalusitic schists.

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3.

## IV. ACTIVITIES - RESULTS

### 4.1 OBJECTIVES AND PROGRAMME

Uranium mineralisation has been previously intersected in holes BUR-RP-41 (thin and rich veinlike zone of pitchblende), BUR-RP-44 and in holes BUR-RP-62 and 64. In the latter, a low grade mineralisation (425 eU ppm) was intersected over 20.7 m between the depth of 10 and 20 m in graphitic schist. The "stratabound"-like position of the mineralisation brought hope of an economical occurrence but, considering the location close to the superficial oxidation and the water table (18 m) a supergene origin was also possible.

The 1987 drilling campaign was designed to test the lateral extension of the mineralised volume and give an answer regarding the potential of the project.

1,000 metres of percussion drilling were allocated, for 4 drilling profiles oriented N10E:

- one profile including RP-44,
- one profile 20 metres east,
- 2 profiles 40 metres east and west of the two previous ones.

### 4.2 ACTIVITIES

12 holes, BUR-RP-65 to 76 were drilled (percussion) from 3rd July to 16th July, 1987 by Queensland Drilling using a Foxmobile rig fitted on a Steiger tractor. A total of 705 metres were drilled, which includes 34 metres for hole BUR-RP-76 which is the redrill of BUR-RP-67. This could not be cased and logged.

The progress of the drilling was delayed when some of the holes had to be cased with polyethylene pipe, mainly because of caving of the upper formations (reverse circulation drilling would avoid this problem) and ridges along the wall of the hole (a stabilizer behind the hammer should be used).

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4.

All holes were drilled at an angle of 60° with a 190° azimuth for the 4 profiles.

### Profile 1:

3 holes: RP-65 (97 m) and RP-75 (85 m), north of RP-44 and RP-66 (78 m) south of it. These holes were drilled deeper (97 m was, in fact, the maximum depth the drill rig could reach) in order to investigate the N-S extension of the mineralisation intersected in BUR-RP-44.

### Profile 2:

3 holes: RP-67 (49 m), RP-68 (60 m) and RP-69 (50 m) were drilled to investigate, 20 m away from the 1st profile, the eastward extension of the mineralisation intersected in RP-62 and RP-64. Hole RP-76 (34 m) was a redrill of RP-67 in order to gamma log the mineralisation.

### Profiles 3 and 4

2 holes in profile 3: RP-70 (50 m) and RP-71 (50 m). The third holes was cancelled because of the absence of mineralisation.

3 holes in profile 4: RP-72 (50 m), RP-73 (52 m) and RP-74 (50 m). One hole was cancelled.

These two profiles were drilled to check any extension 40 metres west and east of profiles 1 and 2.

Sampling was carried out every metre for lithological description.

Each metre with a radioactivity above, or near, 500 cps SPP2 was sent for uranium assay (XRF) to AMDEL'S Darwin Laboratories.

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5.

Each hole was gamma logged with an SIE T450 winch, running an NaI scintillometric probe and an ST22 Geiger-Mueller probe.

As the Na I probe developed troubles (insufficient reading) the ST22 was run in every accessible hole.

Because of the results of the percussion drilling, coring appeared unnecessary and none was done.

### **4.3 RESULTS (See cross-sections and drill hole radiometric data)**

Of the four profiles, only 1 and 2 showed mineralised intersections.

In these 2 drilling profiles, we can distinguish 2 mineralised zones.

#### Zone 1:

Mineralisation intersected in RP-44, RP-65 and RP-75. It occurs approximately between 50 and 90 m, dipping south.

It is not stratabound, but obviously intersects the lithology. The mineralisation occurs mainly in the carbonaceous schist but also in the granite (RP-75, 55 to 57 m), or at the contact of granite and schist. The host rock of the mineralisation always exhibits signs of fracturation: calcite or quartz veins, chloritic alteration, sericite and even pegmatitic minerals (large muscovite).

The thickness and grade of the mineralised intersections vary rapidly.

The two best intersections at the 500 eU ppm cut-off are:

2.1 m x 1631 eU ppm between 62.4 and 64.5 m in RP-65  
0.9 m x 3131 eU ppm between 74.4 and 75.3 m in RP-75

This is obviously a uranium concentration in fractures in the vicinity of a faulted area.

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6.

## Zone 2:

This mineralisation does not occur as deep as has been observed in holes RP-66, RP-67, RP-69 and RP-76 and, previously, AT-62, AT-64 and RP-41.

This mineralisation presents similar features to the first one. It occurs in a fractured host rock but also is located near the water table and the limit of the surface weathering/oxidation.

It is the same primary mineralisation as in Zone 1 but part of the uranium has been remobilized and reconcentrated near the water table giving a slight stratabound aspect in a few holes (AT-62-64).

# **TOTAL Mining Australia Pty. Limited**

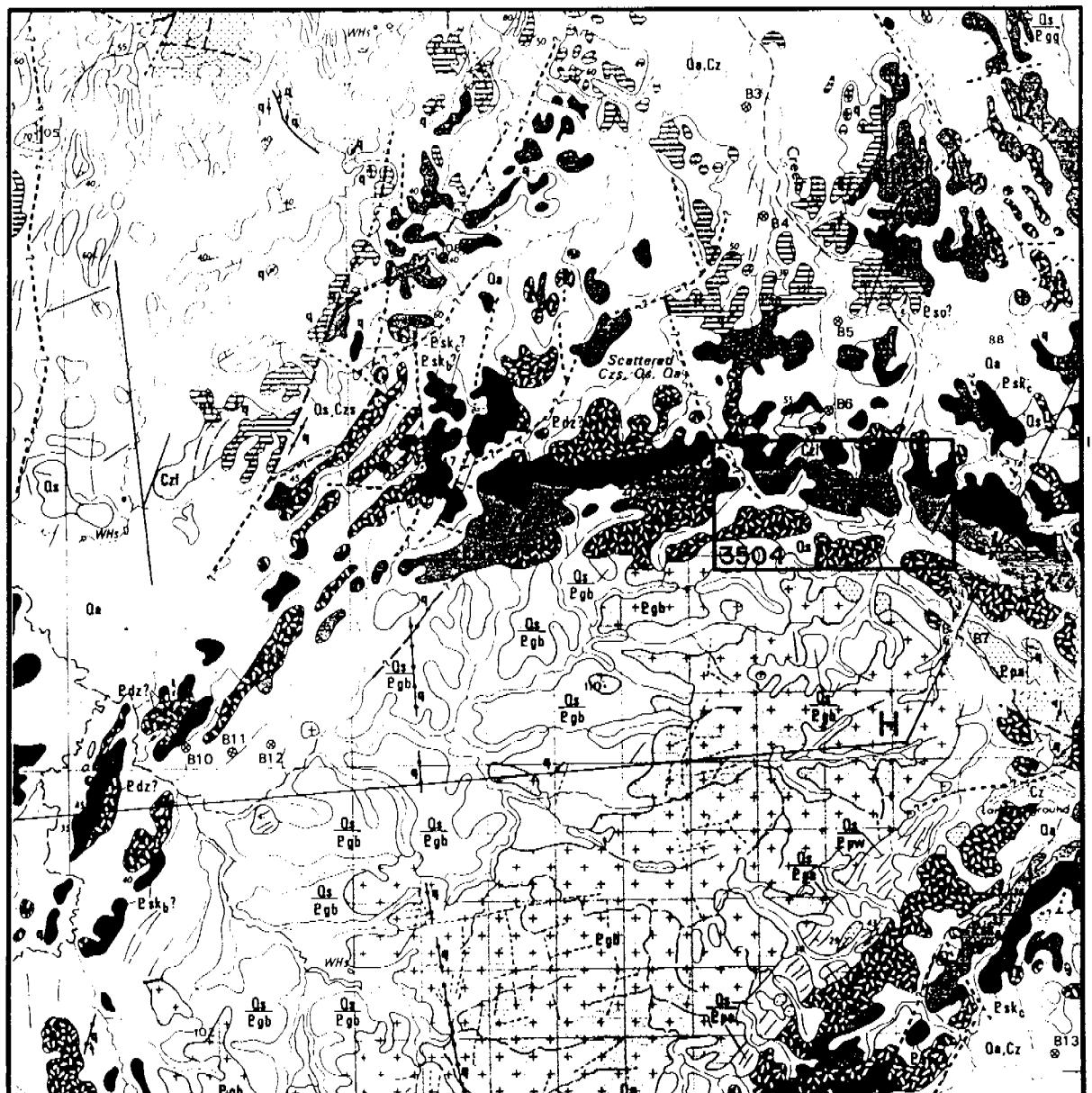
7.

## V. CONCLUSION

The drilling of four N-S profiles in the Kelly's prospect has revealed a mineralisation linked to fractures intersecting the rock formation. Where this mineralisation is shallow, it has been remobilised by the water table. Its extension is very restricted in the vicinity of a fault zone.

There is no point in carrying out further work on this prospect and the Joint Venture with Zapopan Consolidated should be terminated.

FIGURES



Pgb	Burnside Granite
Pdz	Zamu Dolerite
Psg	Gerowie Tuff
Psk	Koolpin Formation
Ppw	Wildman Siltstone
Ppa	Acacia Gap Quartzite

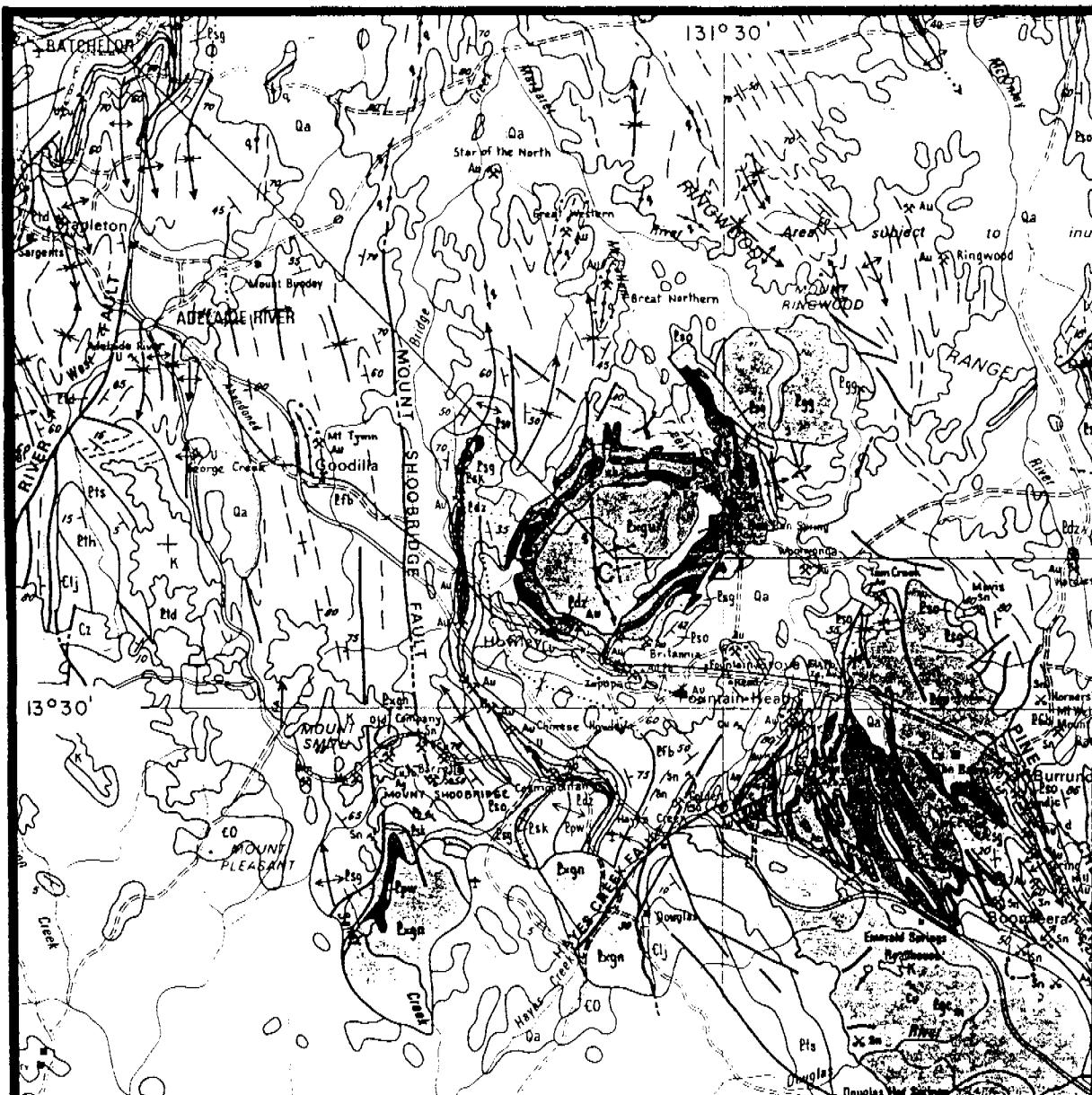


0 1 2 3 4 5 6 7 8 Km

Scale 1:100000

## BURNSIDE PROJECT - 1:100,000 GEOLOGY

FIGURE 1.



Qa
Cz
Clj
K
Pth
Pts
Pgcm.
Pxgu
Pgg
Pxgn

Alluvium  
 Sediments  
 Jindare Formation  
 Sandstone  
 Binde Dolomite  
 Stray Creek Sandstone  
 Carpentarian  
 Granite

Pdz
Pfb
Psg
Pso
Psk
Ppw

Zamu Dolerite  
 Burrell Creek Formation  
 Gerowie Tuff  
 Mt. Bonnle Formation  
 Kooplin Formation  
 Wildman Siltstone

0 5 10 15 20 25 30 35 40 Km



## BURNSIDE PROJECT - 1:500,000 GEOLOGY

FIGURE 2.

APPENDIX 1

Drill Hole Radiometric Data

## minatome australia pty. limited

## DRILL-HOLE RADIOMETRIC DATA

PROBE

ST 22 2T NO. 5333.....  
NOI NO.....

METER

TYPE T 450 SIE  
Nº.....

PROBE

COEFFICIENT 22.46.....

PROJECT BURNSIDE.....  
PROSPECT KELLY'S.....FROM ..... TO ..... 19.....  
PREPARED BY J.R.B.....

HOLE							RADIOMETRIC PEAKS					RADIOMETRIC ACCUMULATION AT CUT OFF ppm eU					WATER LEVELS			REMARKS		
HOLE NO	CO-ORDINATES			COLLAR		TOTAL DEPTH	δ-LOG DEPTH	NaI			ST 22-2T			DEPTH		n'	Average ppm eU	RAD ACC	Water Table	Level When Logged	Depth	
	X	Y	Z	Dip	Mag Azimuth			Depth	c/s	BKG	Depth	c/s	ppm eU	From	To							
RP 65	8077.5	3089.5		60°	190°	97	96							{ 40.40	40.90	0.5	323	0.162				
													200 ppm eU	{ 43	43.30	0.3	380	0.114				
													cut off	{ 62.20	64.70	2.5	1469	3.672				
														{ 80.10	81.60	1.5	360	0.540				
													500 ppm eU	{ 62.40	64.50	2.1	1631	3.425				
													cut off.	{ 80.70	81.10	0.4	578	0.231				
RP 66	8068	3031		60°	190°	78							200 ppm eU	{ 1.50	3.90	2.40	287	0.689				
													cut off	{ 10.10	12.60	2.5	264	0.660				
														{ 18.90	19.90	0.2	292	0.058				
RP 69				60°	190								200 ppm eU	{ 4.00	7.90	3.90	336	0.975				
													cut off	{ 18.20	21.50	3.30	298	0.985				
													500 ppm eU	{ 5.60	5.80	0.2	539	0.107				
													cut off	{ 20.30	20.40	0.1	539	0.053				

**minatome** australia pty. limited

D3

## DRILL-HOLE RADIOMETRIC DATA

PROBE  
ST 22 2T N°. 5333.....  
NQI N°.....

METER  
TYPE . . T H 50 . . SIE  
No. . . . .

PROBE  
COEFFICIENT .22.46.....

PROJECT BURNSIDE  
PROSPECT KELLY'S

FROM ..... TO ..... 19.....  
PREPARED BY J.P.B.....

APPENDIX 2  
Geochemical Results



Project/Phase 540/3  
AP or TR No. 3504  
1:250,000 sheet.  
Hole Nos. BUR-RP. 65+07  
Laboratory AMDEL

MINATOME AUSTRALIA PTY. LTD.

**ORIGINATOR:**

J.P. Roy

SIGNED:

Date despatched 17-07-87

Number of Samples 22

Results rec'd.....  
Paid on.....

## GEOCHEMICAL RESULTS (metal content in ppm, Water in ppb)

Sample type: R; surface rock  
S; soil  
W; water  
SS; stream sediment

C; drill cuttings  
 CH; channel sample  
 CC; drill core  
 O; overburden

**Analysis methods:** W; wet chemical assay  
 AAS; atomic absorption spectrophotometry  
 XRF; x-ray fluorescence  
 F; fluorimetric chemical analysis

#### Limit of detection

### **Method of analysis**

APPENDIX 3

Drill Hole Lithological and Radiometric  
Logs: BUR-RP-65 to 76

# **TOTAL Mining Australia Pty. Limited**

68 / 91

1982  
D6

DRILL HOLE N° BUR-RP-65

VERTICAL SCALE 1:100

CO-ORDINATES	{	8077.5 E
		3089.5 N
COLLAR	{ MAG AZIMUTH	190°
	DIP	60°
DRILLED DEPTH		97 m

WATER LEVELS metres			
WATER TABLE	23 m (first wet cuttings)		
WHEN 8- LOGGED			
HYDROSTATIC			
STRING/CASING (when _____ logged)			
TYPE	FROM	TO	THICKNESS mm
HDPE	0	96	3
FLUID IN HOLE	density _____		
CASING LEFT IN THE HOLE			
TYPE	FROM	TO	THICKNESS mm
	as above		
NOTE. IN CORE HOLES, ALL DEPTHS ARE RADIOMETRIC LOG DEPTHS.			

DEPTH LOGGED (	)	%	m
DATE	4.7.87, 5.7.87 + 15.7.87		
LOGGING EQUIPMENT	T450		
	PROBE N°	LOGGING SPEED m/min.	
FUNCTION 1	NaI (452)	3	
FUNCTION 2	ST22(5333)	1	
FUNCTION 3	ST22(5333)	1	
FUNCTION 4			

NATURAL $\gamma$ (NaI)	<input checked="" type="checkbox"/>
ST 22 - 2T LOG	<input checked="" type="checkbox"/>
SINGLE ELECT. RES.	<input type="checkbox"/>
S P LOG	<input type="checkbox"/>
LATEROLOG 7 (Foc. Res.)	<input type="checkbox"/>
NEUTRON - NEUTRON	<input type="checkbox"/>
DIGITIZED LINE	<input type="checkbox"/>
RAWDATA	<input type="checkbox"/>
<u>STS - 22</u>	<input type="checkbox"/>
-----	<input type="checkbox"/>
CALIPER	<input type="checkbox"/>
DEVIATION SURVEY	<input type="checkbox"/>

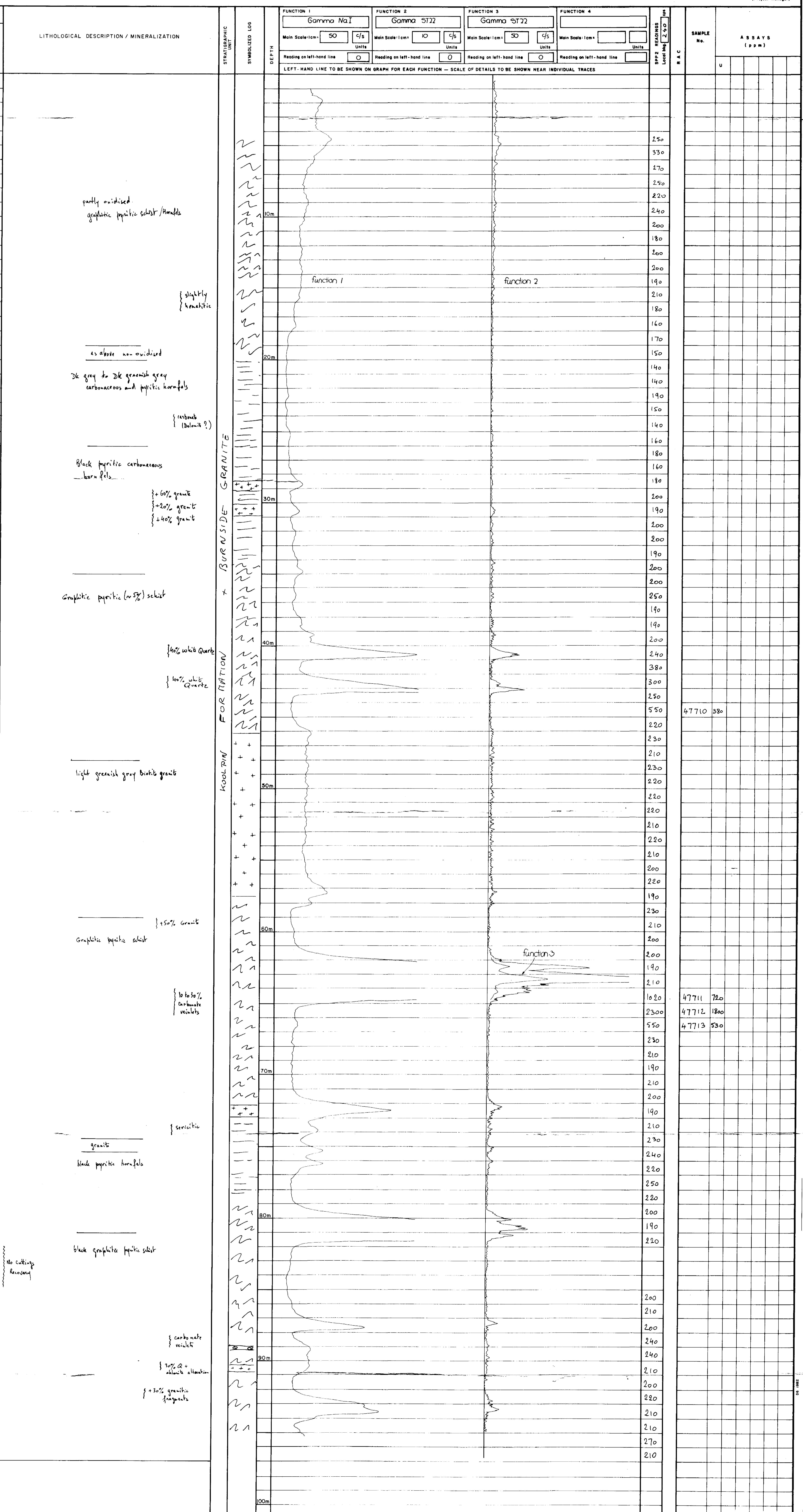
PROJECT Burnside  
PROSPECT Kelly's  
T.R., Atop N° or E.L's 3504

DRILLING CONTRACTOR Q.D. Drilling  
DRILL RIG Steiger / Fox Mobile  
START OF OPERATION 3.7.87  
END OF OPERATION 4.7.87

**REMARKS.**

CUTTINGS RECOVERY				PARAMETERS RECORDED SYSTEMATICALLY			R/O	COMPONENT PERCENT or SEQUENCES				
NO REC.	POOR	MEDIUM	GOOD									
CORE RECOVERY												
		%										
20	40	60	80	90								

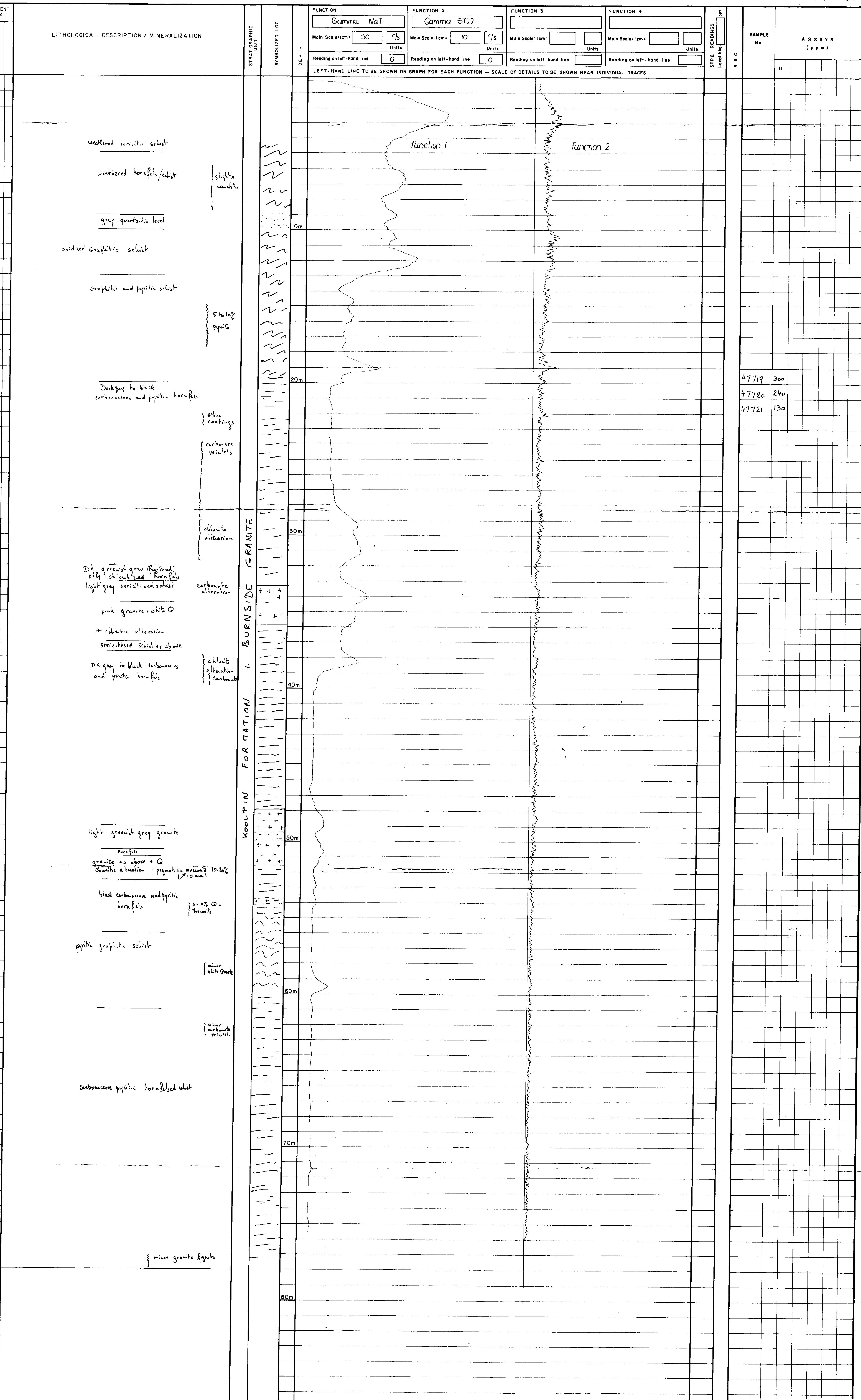
#### LITHOLOGICAL DESCRIPTION / MINERALIZATION



# **TOTAL Mining Australia Pty. Limited**

DRILL HOLE N° BUR-RP-66

**PLATE**



# **TOTAL Mining Australia Pty. Limited**

DRILL HOLE N° BUR - RP - 67

CR 88 / 1

1000

# **TOTAL Mining Australia Pty. Limited**

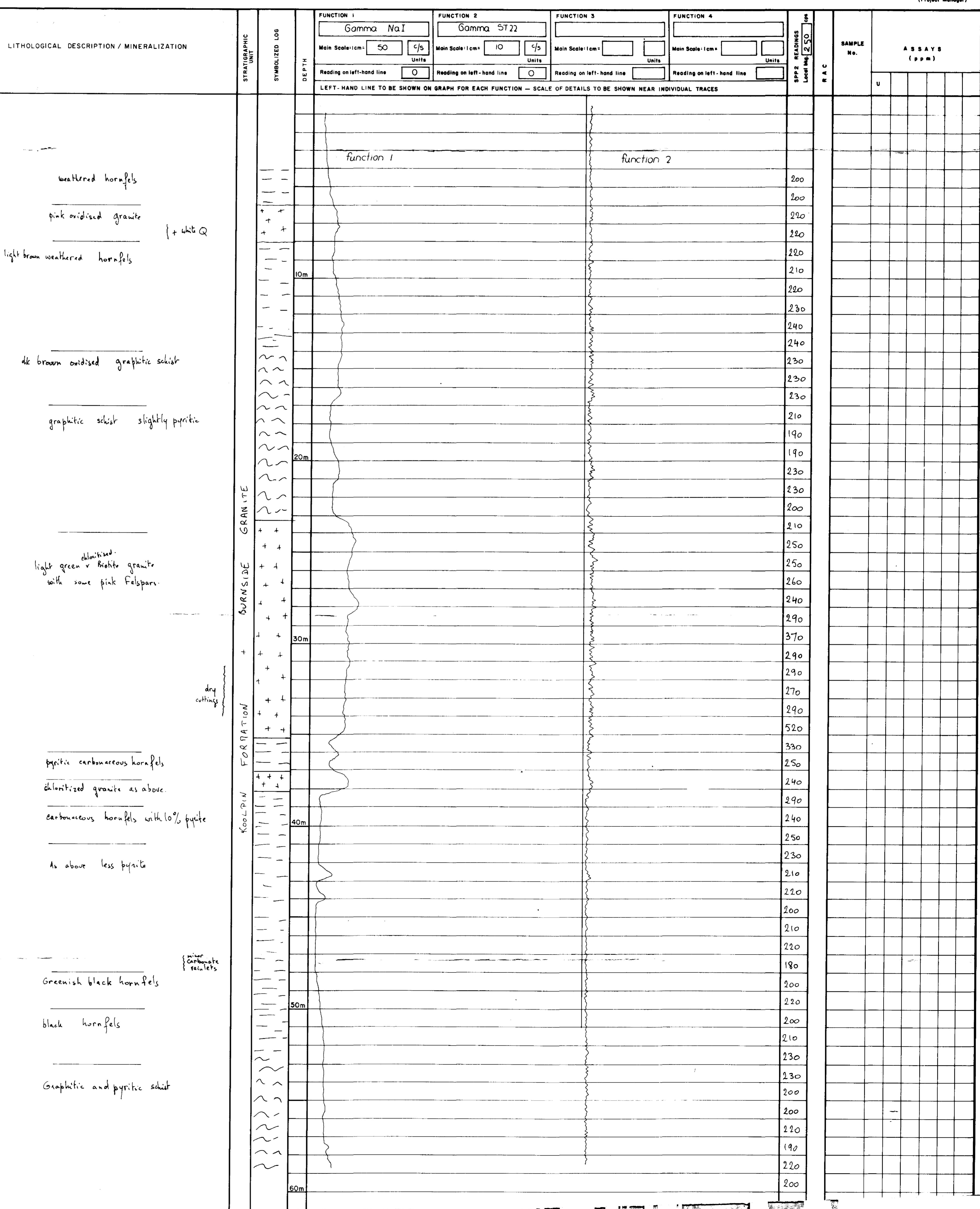
DRILL HOLE NO. BUR -RP-68

Ch 88 / 91

PLATE

GEOLOGY REFERENCE			DEVIATION SURVEY			VERTICAL SCALE 1:100			DRILL HOLE NO. BUR-RP-68																																								
<p><b>Lithology</b> <u>J.P.B</u></p> <p><b>Geology Reference</b> <u>Granite</u></p>			<p><b>Depth</b> <u>Mag.Azimuth</u> <u>Dip</u></p> <p><b>Collar</b></p>																																														
			<p><b>CO-ORDINATES</b> { <u>80925 E</u> <u>3056.5 N</u></p> <p><b>COLLAR</b> { <b>MAG AZIMUTH</b> <u>190°</u> <b>DIP</b> <u>60°</u></p> <p><b>DRILLED DEPTH</b> <u>60m</u></p>			<p><b>WATER LEVELS metres</b></p> <p><b>WATER TABLE</b> <u>(first wet cuttings)</u> <u>27m</u> <u>dry 31 to 34</u></p> <p><b>WHEN <math>\gamma</math>-LOGGED</b></p> <p><b>HYDROSTATIC</b></p>			<p><b>DEPTH LOGGED</b> ( <u>58.9</u> m</p> <p><b>NATURAL <math>\gamma</math> (NaI)</b> <input checked="" type="checkbox"/></p> <p><b>ST 22-2T LOG</b> <input checked="" type="checkbox"/></p> <p><b>SINGLE ELECT. RES.</b></p> <p><b>S P LOG</b></p> <p><b>LATEROLOG 7 (Foc. Res.)</b></p> <p><b>NEUTRON - NEUTRON</b></p> <p><b>DIGITIZED LINE</b></p> <p><b>RAWDATA</b></p> <p><b>STS-22</b></p> <p><b>CALIPER</b></p> <p><b>DEVIATION SURVEY</b></p>																																								
			<p><b>HOLE DIAMETER</b></p> <table border="1"> <tr> <th>FROM</th> <th>TO</th> <th><math>\phi</math> mm</th> </tr> <tr> <td>0</td> <td>60</td> <td>105</td> </tr> </table>			FROM	TO	$\phi$ mm	0	60	105	<p><b>STRING/CASING</b> (when <u><math>\gamma</math></u> logged)</p> <table border="1"> <tr> <th>TYPE</th> <th>FROM</th> <th>TO</th> <th>THICKNESS mm</th> </tr> <tr> <td>HDPE</td> <td>0</td> <td>58.9</td> <td>3</td> </tr> </table> <p><b>FLUID IN HOLE</b> <u>water</u> <b>density</b></p>			TYPE	FROM	TO	THICKNESS mm	HDPE	0	58.9	3	<p><b>FUNCTION 1</b> <u>NaI (452)</u> <u>3</u></p> <p><b>FUNCTION 2</b> <u>ST22(5333)</u> <u>1</u></p> <p><b>FUNCTION 3</b></p> <p><b>FUNCTION 4</b></p>																										
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0	60	105																																															
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HDPE	0	58.9	3																																														
			<p><b>CASING LEFT IN THE HOLE</b></p> <table border="1"> <tr> <td><b>AIR DRILLING</b> from <u>0</u> to <u>60</u></td> <td><b>MUD DRILLING</b> from _____ to _____</td> <td><b>ST 22-2T</b></td> </tr> <tr> <td><b>CORING</b> { from _____ to _____ from _____ to _____ from _____ to _____</td> <td><b>from</b> <u>as above</u></td> <td></td> </tr> </table>			<b>AIR DRILLING</b> from <u>0</u> to <u>60</u>	<b>MUD DRILLING</b> from _____ to _____	<b>ST 22-2T</b>	<b>CORING</b> { from _____ to _____ from _____ to _____ from _____ to _____	<b>from</b> <u>as above</u>		<p><b>GAMMA LOGGING</b></p> <table border="1"> <tr> <th>TYPE</th> <th>FROM</th> <th>TO</th> <th>THICKNESS mm</th> </tr> <tr> <td>TEST BEFORE</td> <td></td> <td></td> <td>1150</td> </tr> <tr> <td>CUMULATED WIDTH <math>\pm</math> h'</td> <td></td> <td></td> <td>100</td> </tr> <tr> <td>TEST AFTER</td> <td></td> <td></td> <td>950</td> </tr> <tr> <td>BACKGROUND</td> <td></td> <td></td> <td>45/28</td> </tr> <tr> <td>K FACTOR</td> <td></td> <td></td> <td>22.46</td> </tr> <tr> <td>NOTE: h' DETERMINED AT THRESHOLD</td> <td></td> <td></td> <td></td> </tr> <tr> <td>DEAD TIME CORR.</td> <td></td> <td></td> <td>65.8 <math>\mu</math> sec</td> </tr> </table>			TYPE	FROM	TO	THICKNESS mm	TEST BEFORE			1150	CUMULATED WIDTH $\pm$ h'			100	TEST AFTER			950	BACKGROUND			45/28	K FACTOR			22.46	NOTE: h' DETERMINED AT THRESHOLD				DEAD TIME CORR.			65.8 $\mu$ sec	<p><b>PROJECT</b> <u>Burnside</u></p> <p><b>PROSPECT</b> <u>Kelly's</u></p> <p><b>T.R., Atop No or E.L's</b> <u>3304</u></p> <p><b>REMARKS</b> Because of a malfunction the NaI probe did not count properly it has been recorded only for lithological differentiation</p>		
<b>AIR DRILLING</b> from <u>0</u> to <u>60</u>	<b>MUD DRILLING</b> from _____ to _____	<b>ST 22-2T</b>																																															
<b>CORING</b> { from _____ to _____ from _____ to _____ from _____ to _____	<b>from</b> <u>as above</u>																																																
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TEST AFTER			950																																														
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K FACTOR			22.46																																														
NOTE: h' DETERMINED AT THRESHOLD																																																	
DEAD TIME CORR.			65.8 $\mu$ sec																																														
						<p><b>DRILLING CONTRACTOR</b> <u>Old Drilling</u></p> <p><b>DRILL RIG</b> <u>Steiger/Mobile Fox</u></p> <p><b>START OF OPERATION</b> <u>6-7-87</u></p> <p><b>END OF OPERATION</b> <u>7-7-87</u></p>																																											
									<p><b>BEST INTERSECTIONS</b></p> <table border="1"> <tr> <th>FROM</th> <th>TO</th> <th>h'</th> </tr> </table>			FROM	TO	h'																																			
FROM	TO	h'																																															

#### LITHOLOGICAL DESCRIPTION / MINERALIZATION

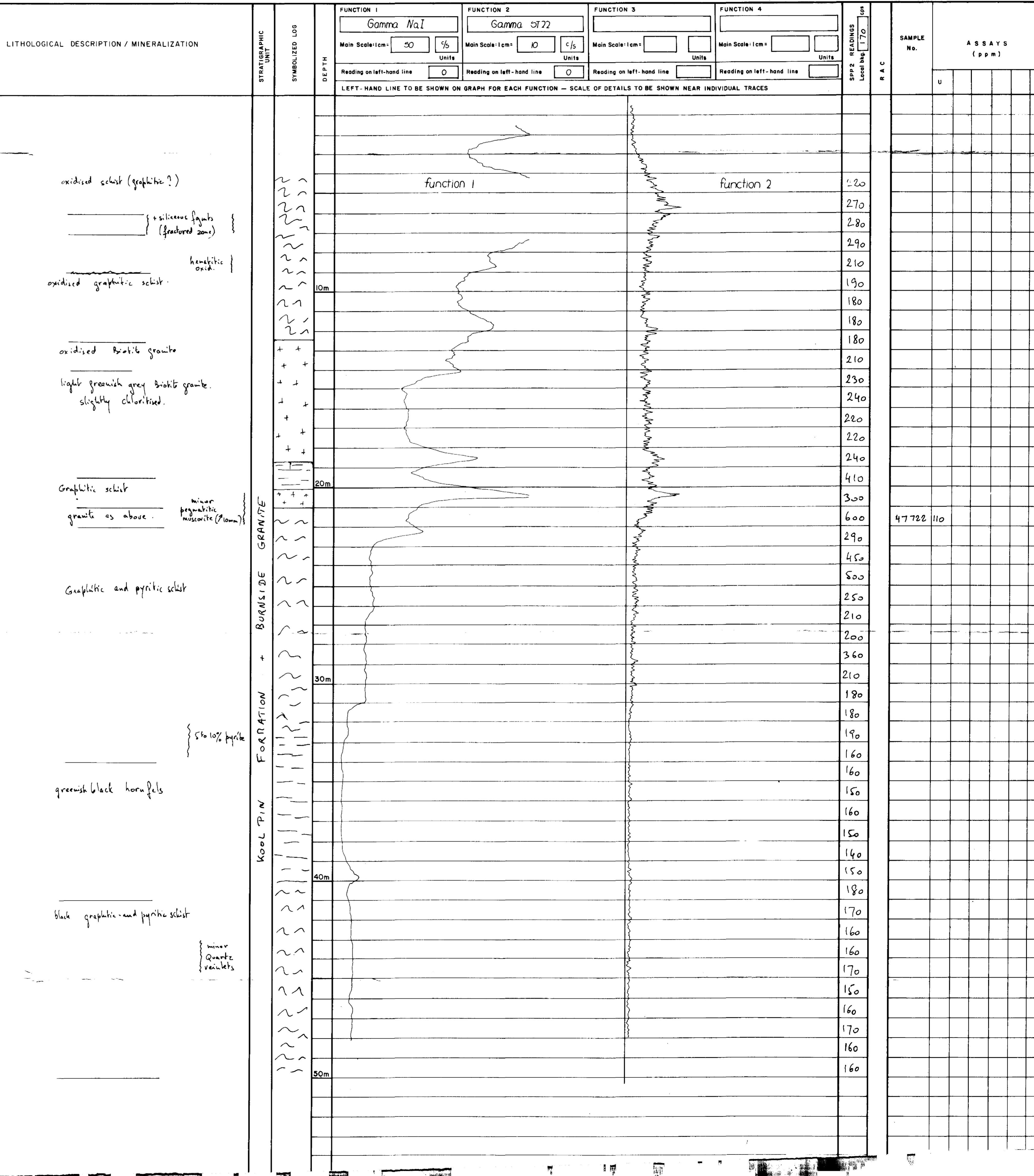


# **TOTAL Mining Australia Pty. Limited**

DRILL HOLE N° BUR - RP - 69

**C R 8 8 / 0 1**

145



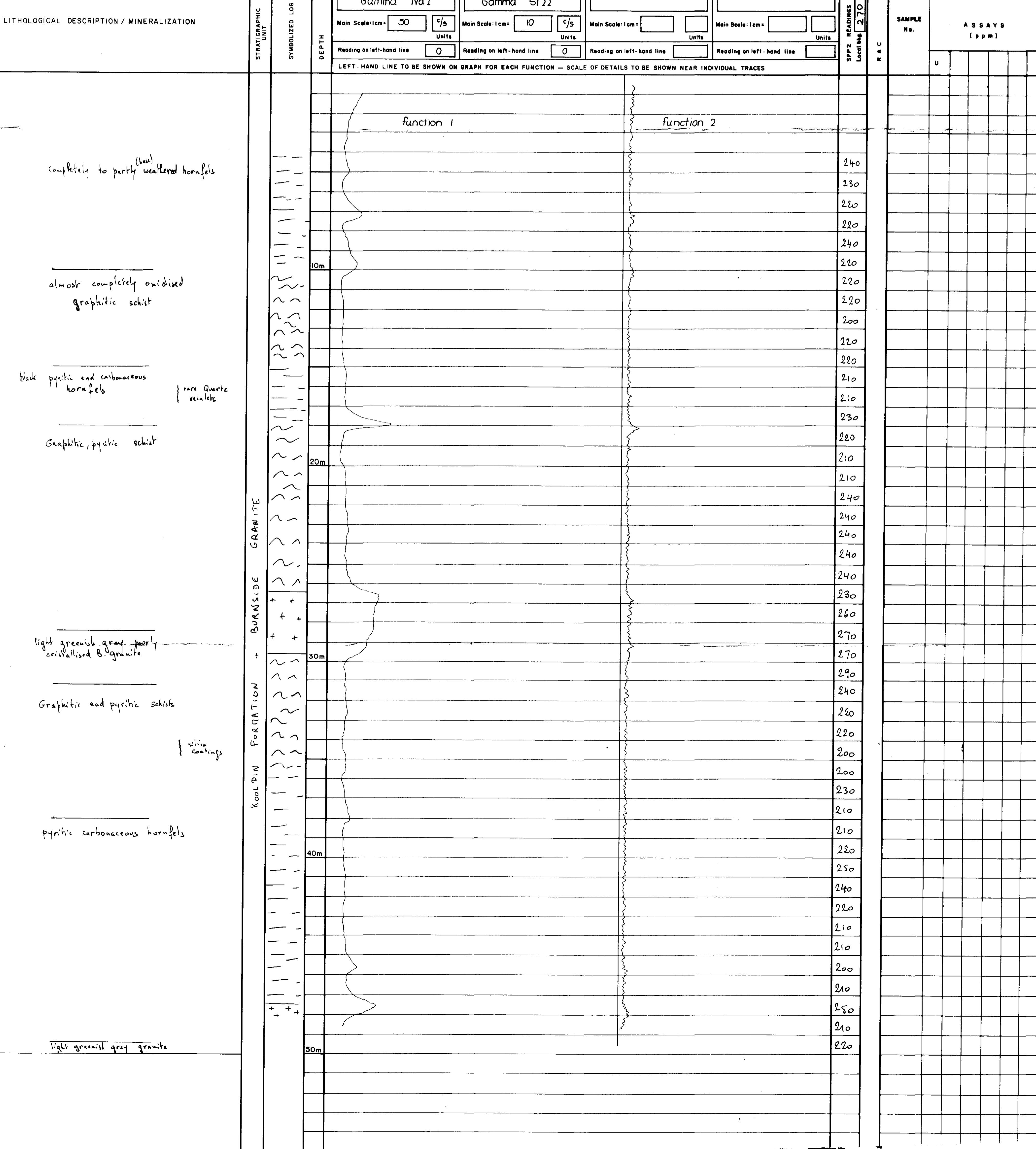
# **TOTAL Mining Australia Pty. Limited**

DRILL HOLE N° BUR-RP-70

R 88 / 91

144

CUTTINGS RECOVERY	PARAMETERS RECORDED SYSTEMATICALLY	R/O	COMPONENT PERCENT or SEQUENCES			
			POOR	MEDIUM	GOOD	CAVING
RECOVERY						
%						
0 60 80 90						
			PYRITE	HEM-LIM		



# **TOTAL Mining Australia Pty. Limited**

DRILL HOLE N° BUR - RP - 71

**CR 88 / 91**

11

# **TOTAL Mining Australia Pty. Limited**

DRILL HOLE N° BUR-RP-72

**C R 8 9 / 9 1**

**PLATE**

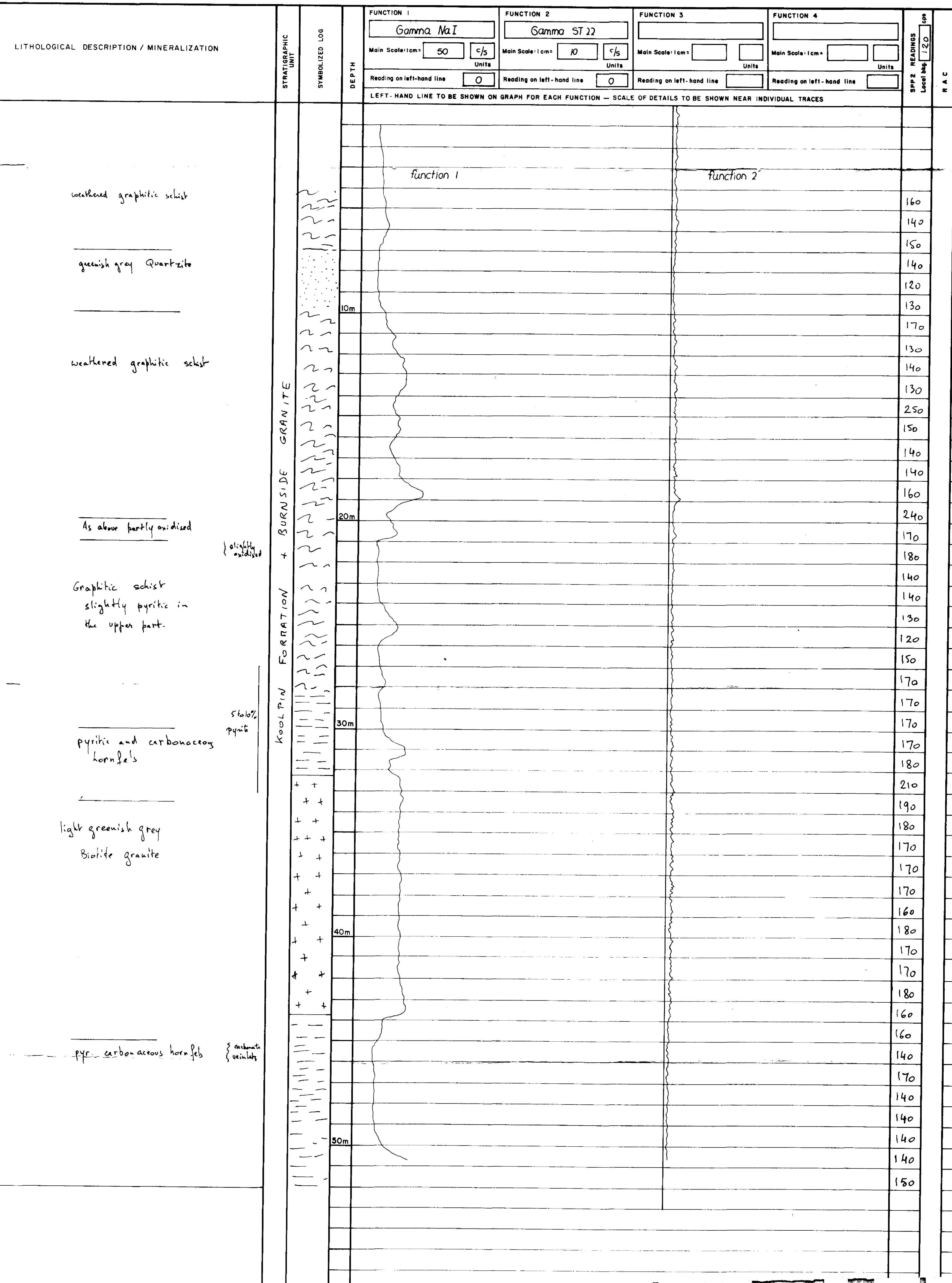
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# **TOTAL Mining Australia Pty. Limited**

DRILL HOLE N° BUR-RP-73

**CR 80 / 01**

PLATE  
1962



# **TOTAL Mining Australia Pty. Limited**

DRILL HOLE N° BUR-RP-74

CL 887 91

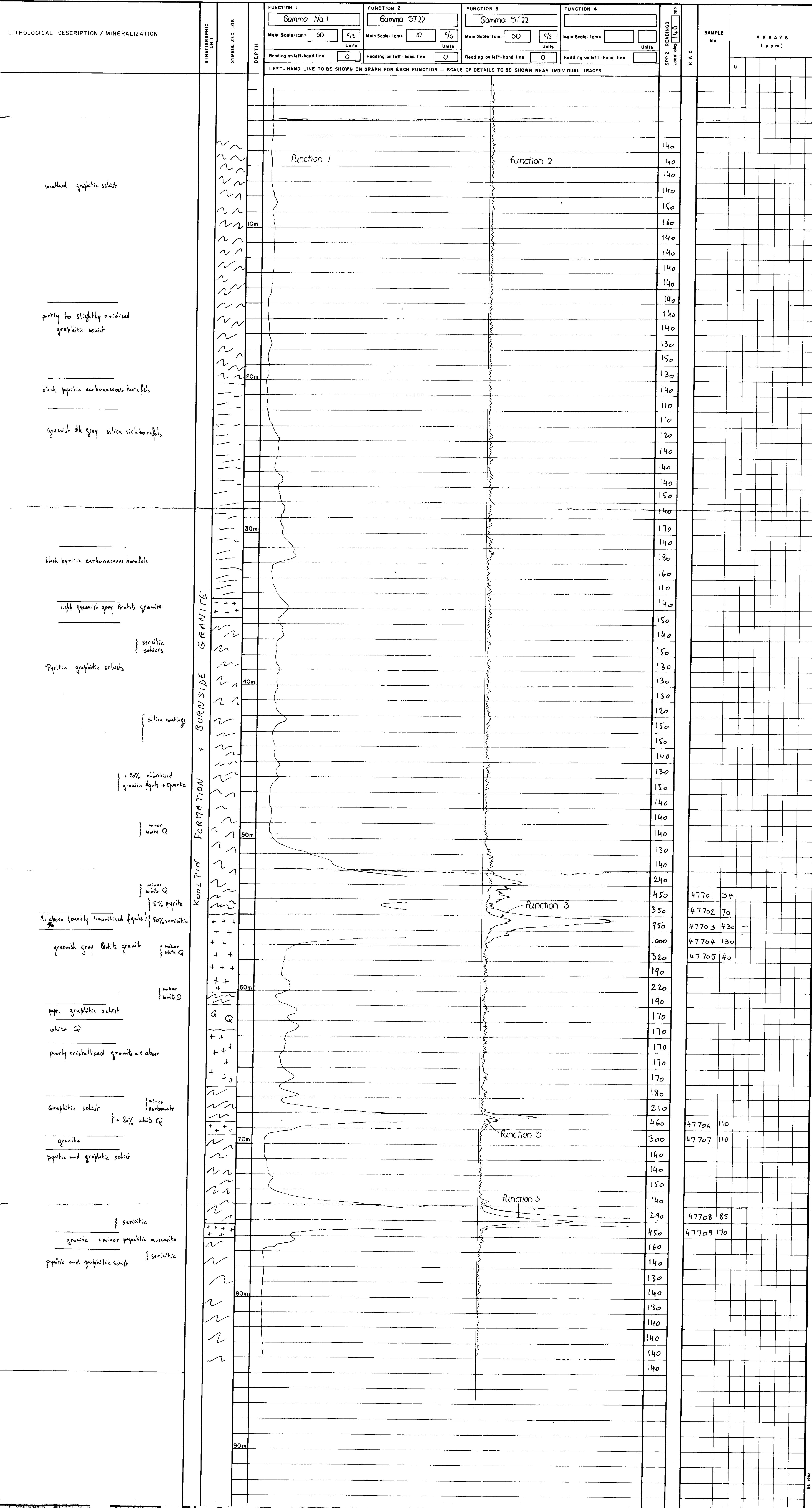
1992

GEOLOGY REFERENCE			DEVIATION SURVEY			WATER LEVELS metres			DEPTH LOGGED ( ) 48.9 m			PROJECT Burnside			REMARKS.					
			DEPTH	MAG.AZIMUTH	DIP				CO-ORDINATES	8122.5 E 2998 N		NATURAL $\gamma$ (NoI)				PROSPECT Kelly's	because of ridge on drill hole wall, No $\gamma$ probe couldn't be lowered below 15m.			
			Collar						COLLAR	MAG AZIMUTH 190° DIP 60°	WATER TABLE (first wet cuttings) 23m	ST 22-2T LOG	<input checked="" type="checkbox"/>			T.R., Atop N° or E.L's 3504				
									DRILLED DEPTH	50m	WHEN $\gamma$ -LOGGED	SINGLE ELECT. RES.	<input type="checkbox"/>							
									HOLE DIAMETER	PROBE N°	LOGGING SPEED m/min.	SP LOG	<input type="checkbox"/>							
									FROM 0 TO 50	$\phi$ mm 114		LATEROLOG 7 (Foc.Res.)	<input type="checkbox"/>							
									HDPE	FROM 0 TO 49	THICKNESS mm 3	NEUTRON - NEUTRON	<input type="checkbox"/>							
									FUNCTION 1	STS-22 (5333)	/	DIGITIZED LINE	<input type="checkbox"/>							
									FUNCTION 2			RAWDATA	<input type="checkbox"/>							
									FUNCTION 3			STS-22	<input type="checkbox"/>							
									FUNCTION 4			CALIPER	<input type="checkbox"/>							
									GAMMA LOGGING			DEVIATION SURVEY	<input type="checkbox"/>							
									AIR DRILLING	from _____ to _____	ST 22-2T	TOTAL RAC	<input type="checkbox"/>							
									MUD DRILLING	from _____ to _____		CUMULATED WIDTH $\leq$ h'	<input type="checkbox"/>							
									CORING	from _____ to _____ from _____ to _____ from _____ to _____	as above	TEST BEFORE	<input type="checkbox"/>							
									NOTE. IN CORE HOLES, ALL DEPTHS ARE RADIOMETRIC LOG DEPTHS.			TEST AFTER	<input type="checkbox"/>							
												BACKGROUND	<input type="checkbox"/>							
												K FACTOR	<input type="checkbox"/>							
												DEAD TIME CORR.	<input type="checkbox"/>							
												OPERATOR R. Knight	<input type="checkbox"/>							
												CHECKED BY	<input type="checkbox"/>							
												VERTICAL SCALE 1:100			DRILL HOLE N°: BUR-RP-74					

# **TOTAL Mining Australia Pty. Limited**

**CR 88 / 01**

**PLATE**

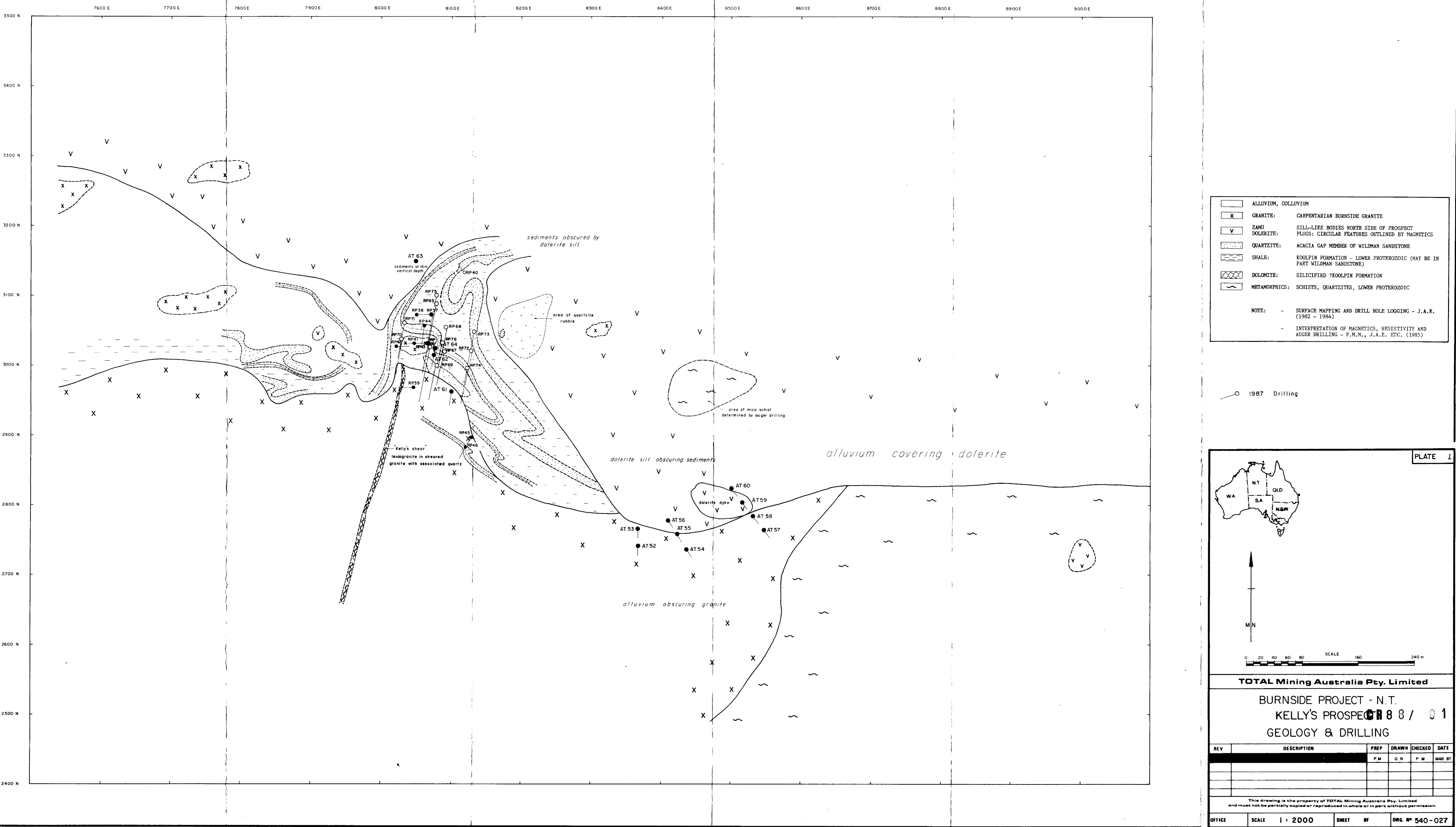


# **TOTAL Mining Australia Pty. Limited**

DRILL HOLE N° BUR-RP-76

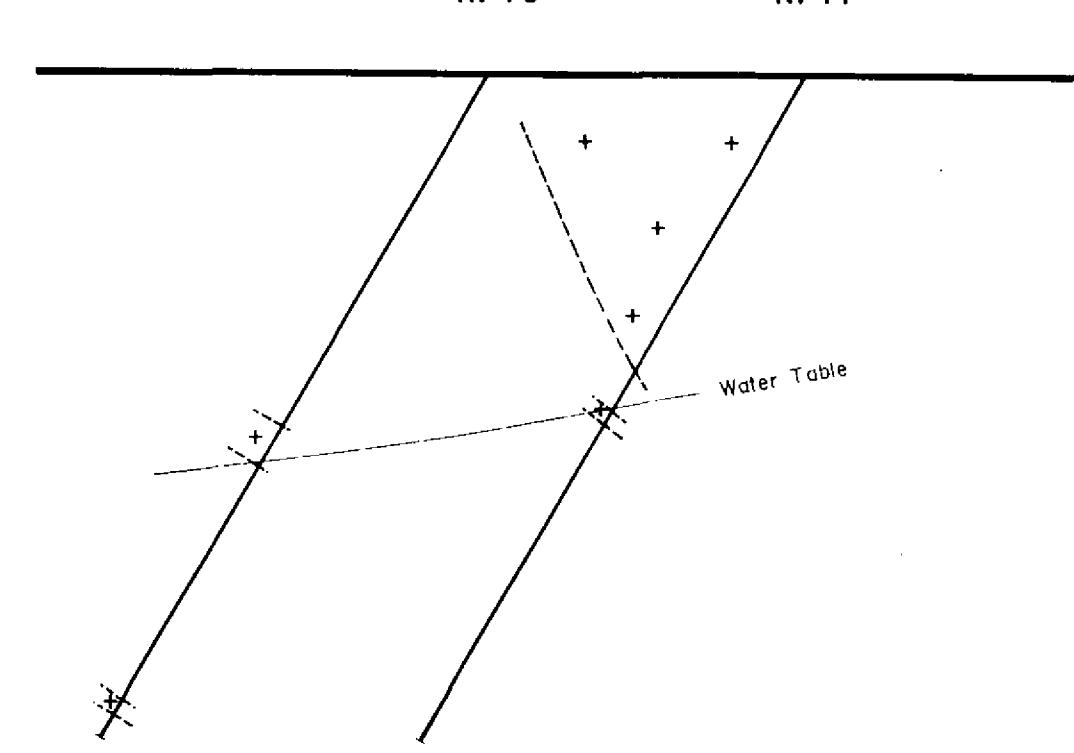
**C R 8 C / 01**

ATF



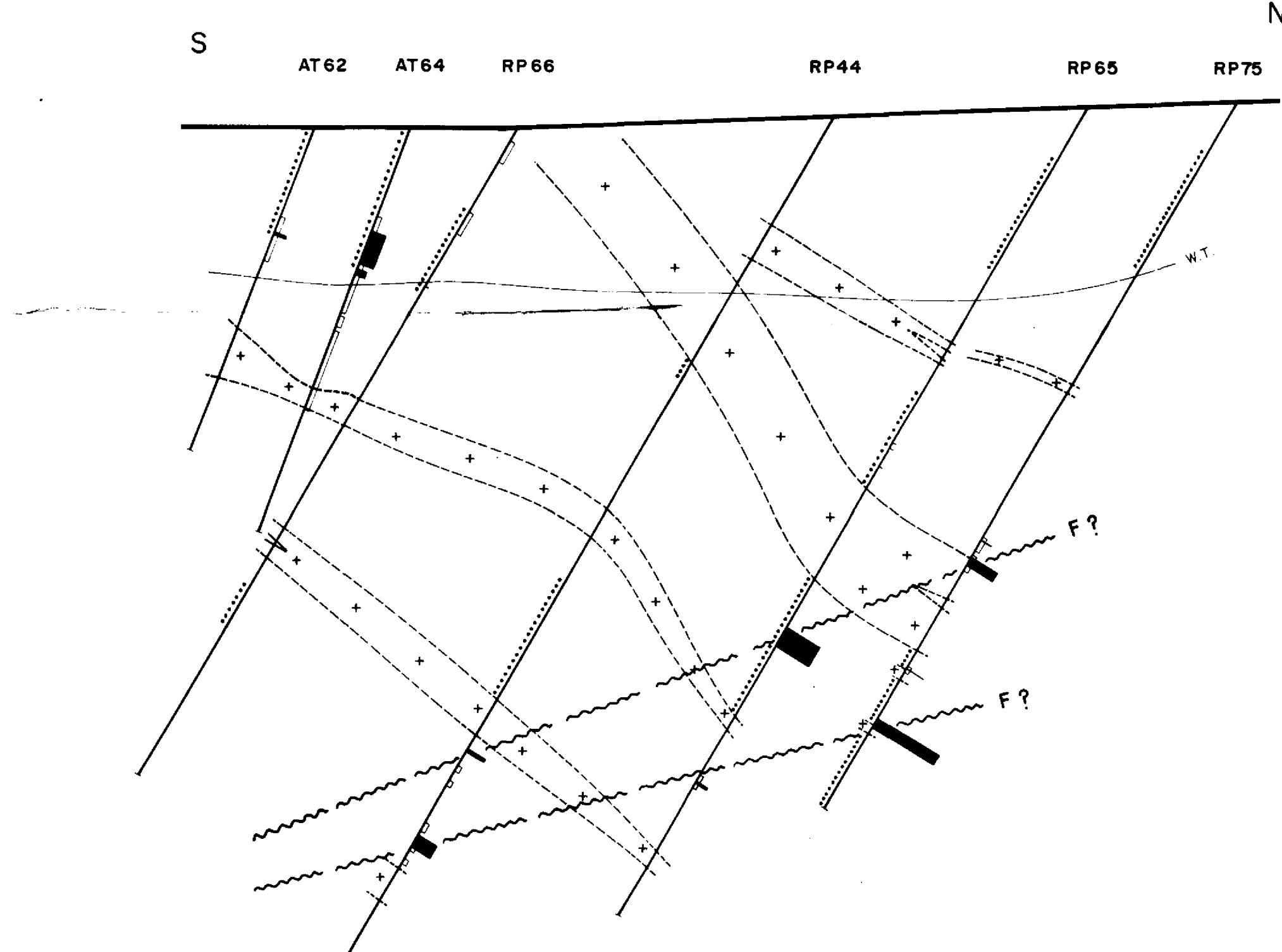
S RP70 RP71 N

Section 3



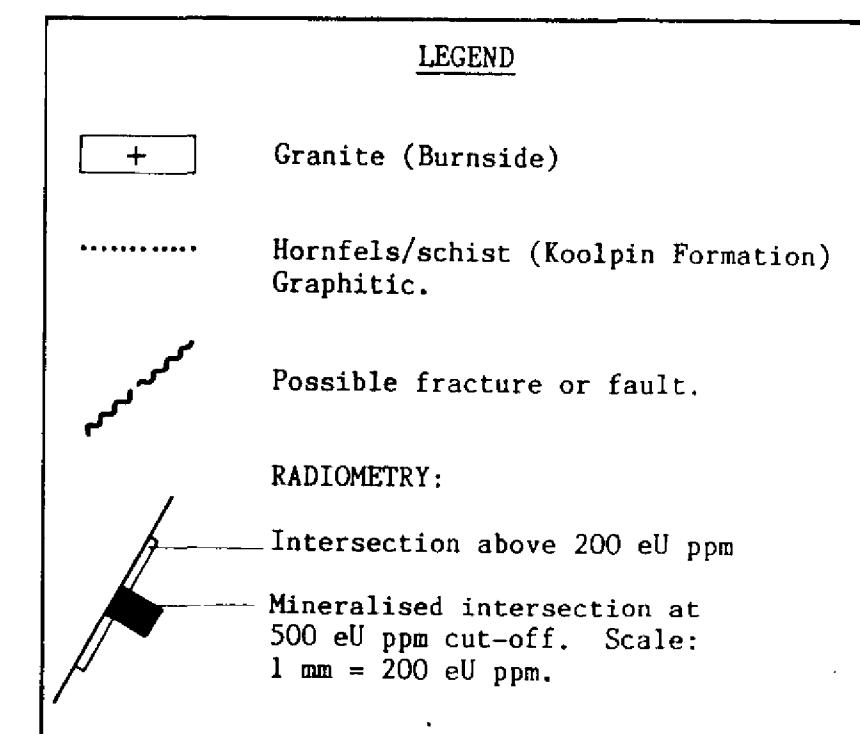
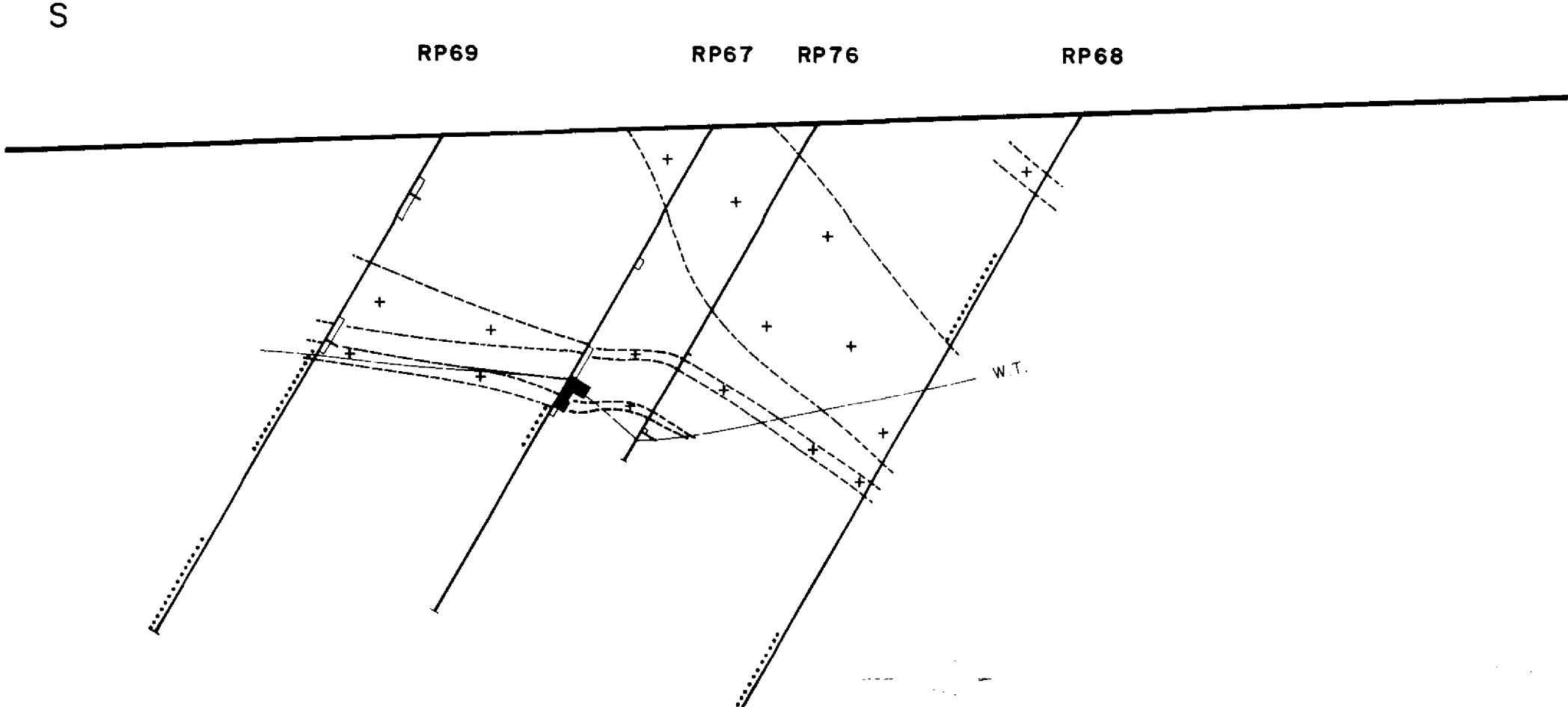
S AT62 AT64 RP66 RP44 RP65 RP75 N

Section 1



S RP69 RP67 RP76 RP68 N

Section 2



Section 4

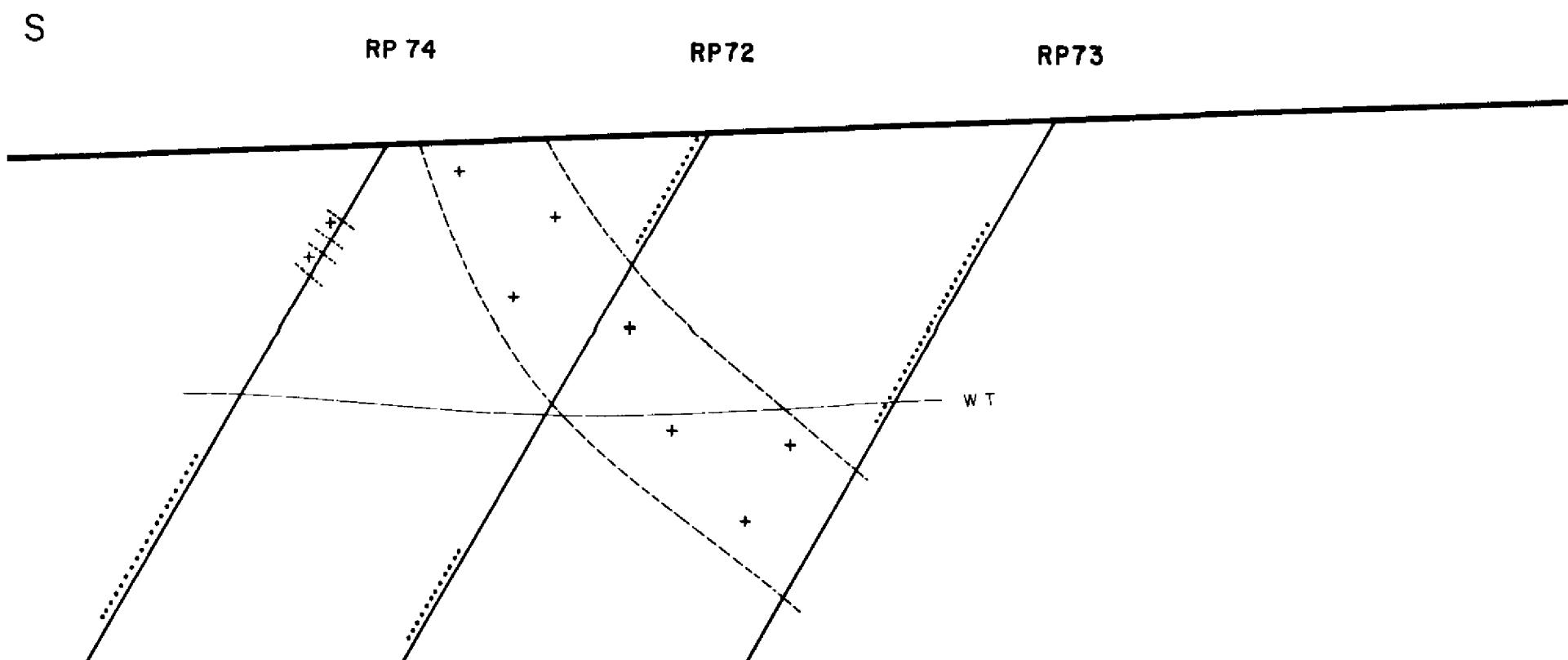
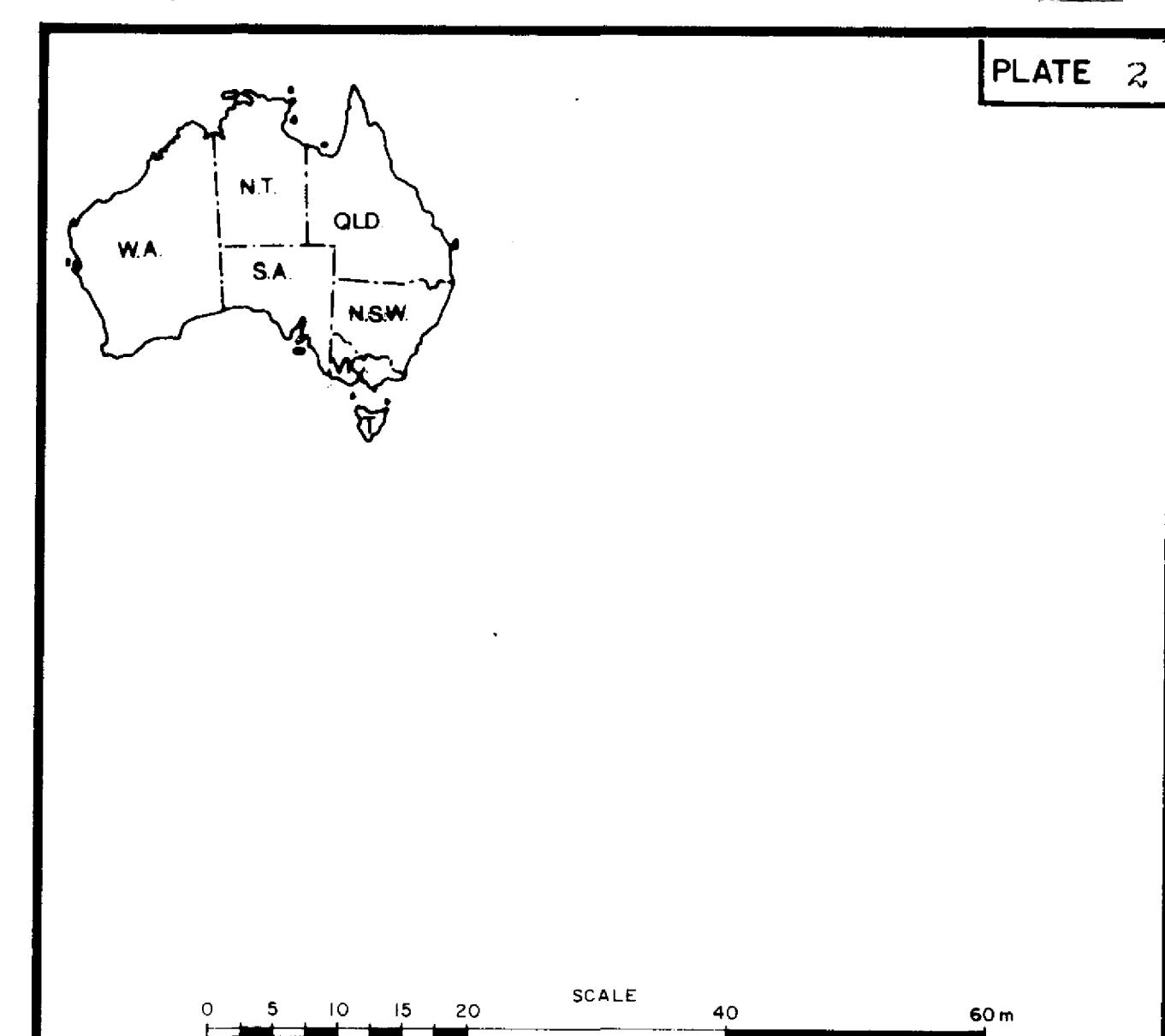


PLATE 2



**TOTAL Mining Australia Pty. Limited**

BURNSIDE PROJECT NT - E.L.3504

KELLY'S PROSPECT 8 / 01

1987 DRILLING SECTIONS 1,2,3 & 4

REV	DESCRIPTION	PREP	DRAWN	CHECKED	DATE
	J.P.B	G.R.			SEP 87

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OFFICE SCALE SHEET OF DRG NO 540 - 036