CR1968-0071
OPEN FILE

Drillhole Logs from the Rum Jungle Creek South Uranium Deposit, Batchelor, Northern Territory

Territory Enterprises Pty Ltd

Daughnut

E

D

C

B

A

SURFACE

12

RD No

RJCS

11

125'

10

20 RANGE 5% Aa

R 140

150S 2,700E (RJCS 1)

BMR

Made in Australia for Electrical Equipment of Australia Ltd.
Esterline Angus Type 4300 D Maker's No. 9062

Doughnut

E
D
C
B
A

1

2

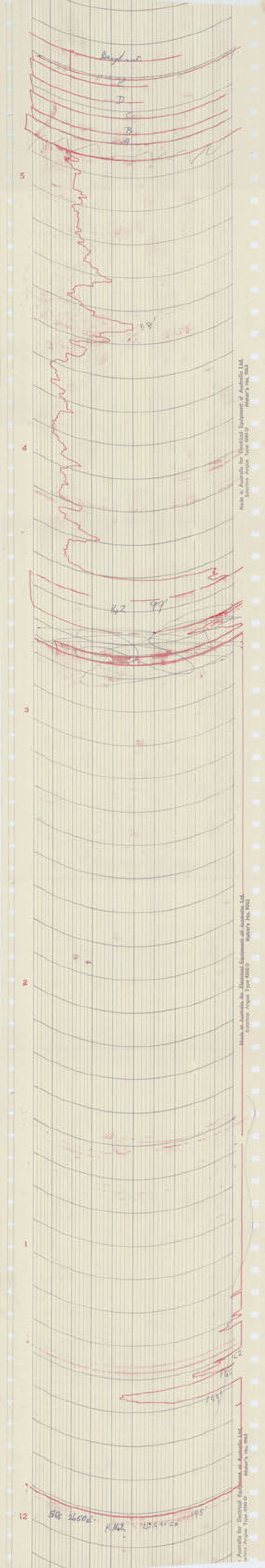
Made in Australia for Electrical Equipment of Australia Ltd.
Esterline Angus Type 4300 D Maker's No. 9062

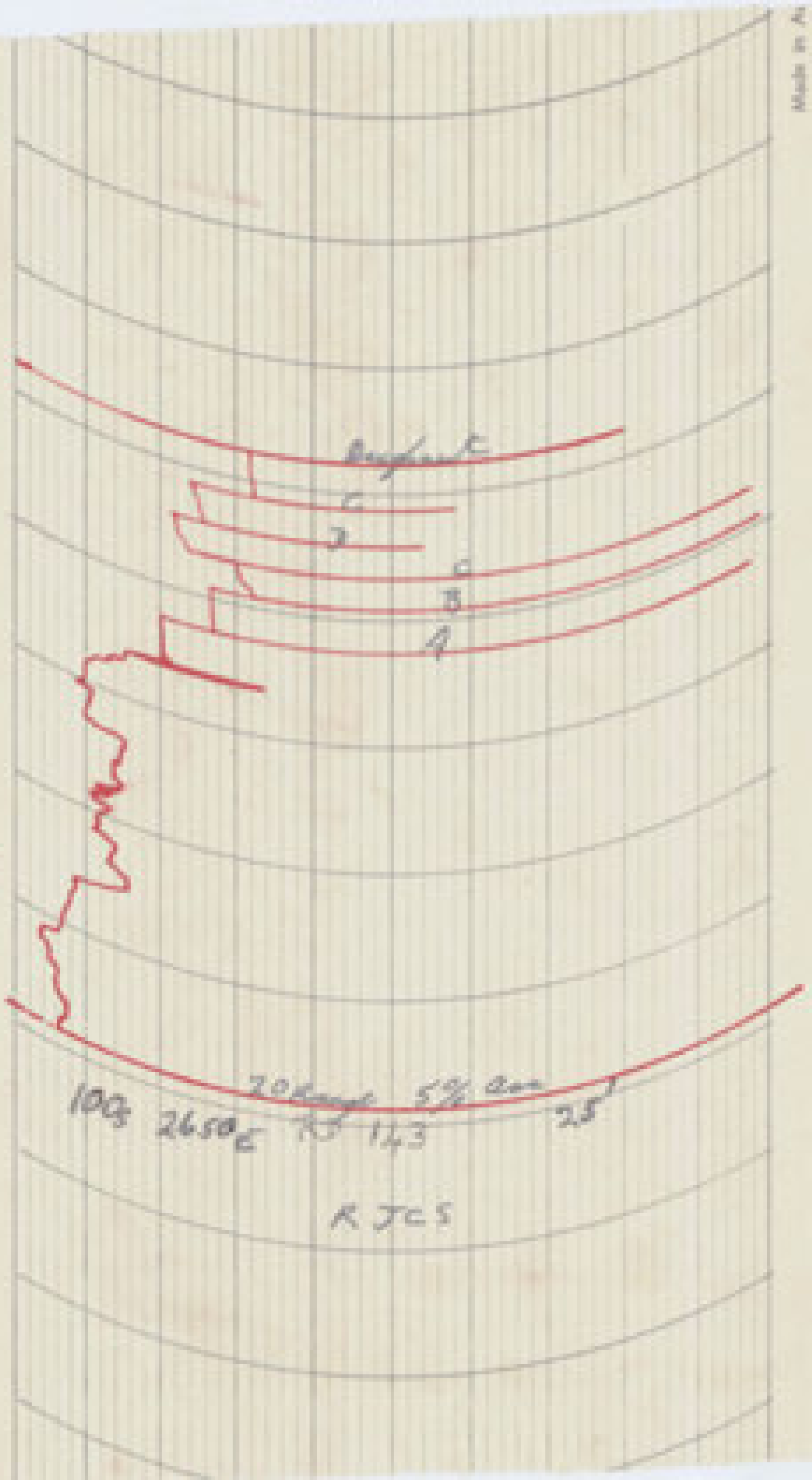
12

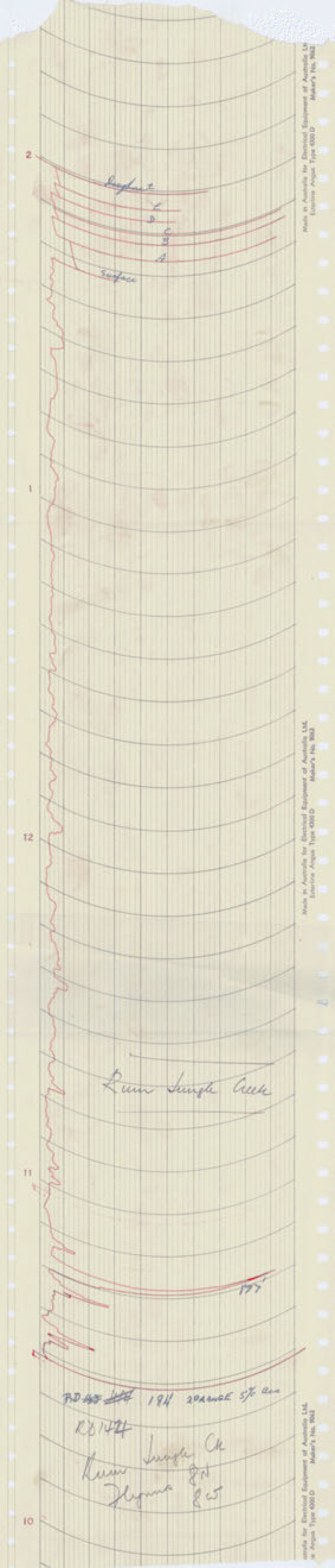
150S 2650E R 141 19½ ORANGE 5½ Acc

11

Made in Australia for Electrical Equipment of Australia Ltd.
Esterline Angus Type 4300 D Maker's No. 9062


5
4
3
2
1
12
Made in Australia for Electrical Equipment of Australia Ltd.
Esterline Angus Type 4300 D
Maker's No. 9962


C
B
A
9
RJ 143
RJC5


2
Surface
E
D
C
B
A
Surface
1
12
Rum Jungle Creek
11
175'
RD 143 194 2 RANGE 5% Acc
RD 1424
Rum Jungle Ck
Flynns 8N
8S
10
Made in Australia for Electrical Equipment of Australia Ltd.
Esterline Angus Type 4000 D Maker's No. 9062

BUREAU OF MINERAL RESOURCES, GEOLOGY & GEOPHYSICS

RADIOMETRIC AND GEOLOGICAL LOG OF DRILL HOLE.

Project...RUM...JUNGLE....CREEK

Hole No.....1.....

Co-ordinates....8W./8N..... Grid F.L.V.N.'S...LOCAL

DESCRIPTION OF CUTTINGS

	Radiometric Log mR/Hr	Colour	Texture	Lithology	REMARKS
1---				Yellow Green — Shale/slate. — talcose grey slate.	
2---					
3---					
4---					
5---					
6---				Greenish Grey — Shale/slate — talcose grey slate.	
7---					
8---					
9---					
10---					
11---				Greenish Grey — shale/slate — talcose grey slate with dark grey shale bands.	weathered green slate.
12---					
13---					
14---					
15---					
16---				Dark Green Grey — shale/slate — talcose grey slate & shale.	
17---					
18---					
19---					
20---					
21---				Dark Green Grey — shale/slate. — grey slate.	
22---					
23---					
24---					Max. Radiometric:
25---					.....
26---				Dark brown grey (water table) leached	shale slate — silic. grey slate.
27---					
28---					Ratemeter No .....
29---					Logged by ...G.M.....
30---					B.M.R. ~~Cemoc~~ ...May Res. No1
31---				Dark Green Grey — with brown mud.	Date ...31-5-68.....
32---					
33---					Shale/slate — silic.
34---					green and dark grey
35---					slate. with hem. stain
36---				Red brown & — Green grey	— shale/slate. silic
37---					green. grey slate with
38---					hematite stains. fragm
39---					of slate in red mud.
40---					

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RADIOMETRIC AND GEOLOGICAL LOG OF DRILL HOLE.

Project..... R.J.C. .....

Hole No..... 1 .....

Co-ordinates.... 8N. 8W..... Grid ..... FLYNN'S (LOCAL GRID)

DESCRIPTION OF CUTTINGS

Radiometric Log mR/Hr	Colour	Texture	Lithology	REMARKS
40			Red brown — mud Green grey — shale slate — hematite stained slate, silicified green and grey	
45			Red brown — mud Green + Dark grey — shale/slate — hem. stained silicified green and grey slate.	
50			Red brown — mud Green + grey —	shale/slate — silicified green slate and hem. stained dark grey slate
55			Red brown — mud. green + grey	shale/slate — silic. green slate, hem. grey slate.
60			Red brown — mud Green + grey	shale/slate — silic. green slate, hematitic slate/slate Max. Radiometric: .....
65			Red brown — mud green + black	shale/slate — silicified green slate, hematitic slate/slate
70			Red brown — mud green + black — shale/	slate/slate — silic. green slate hematitic slate/slate
75			Red brown — mud d. Green	shale/slate dark green silicified slate. (slickens)

Ratemeter No .....

Logged by ..... May bew. No/

B.M.R. Geneo

Date 31-5-68

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RADIOMETRIC AND GEOLOGICAL LOG OF DRILL HOLE.

Project.....R.F.C.....

Hole No.....1.....

Co-ordinates.....8N..8W..... Grid .....FLYNN'S (LOCAL GRID)

DESCRIPTION OF CUTTINGS

Radiometric Log mR/Hr	Colour	Texture	Lithology	REMARKS
80			Red Brown-Mud	
			Green Shale/Slate — green silicified shale & slate, hem. stained & slicken sl. — some hem. shale.	
85			Red — mud	
			Green, black — shale/slate - green silicified shale & slate. some hem. slate.	
90			Red brown - mud	
			green — shale/slate — green silicified shale/slate. few red hem. fragm.	
95			Red brown - mud	
			Green + black — shale/slate - green silicf. shale/slate few red hem. fragm	
101			green brown - mud.	
			Green + black — shale/slate/schist. green silic. shale & chlor. schist. some hem. shale.	Max. Radiometric: .....
105			dark green — shale/slate/schist green chloritic slate & schist.	
			some hem. black shale & slate.	Ratemeter No .....
110			dark green — shale/slate schist	Logged by ...Y.M. B.M.R. MAYHEW No.1 Date ...31-5-48.....
			silic. green shale chloritic schist — hematite stained. quartz fragm.	
115			dark green — shale/slate/schist. silic. green shale, chloritic schist quartz fragm.	

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RADIOMETRIC AND GEOLOGICAL LOG OF DRILL HOLE.

Project... R.J.C. .....

Hole No..... 1 .....

Co-ordinates.... R.N. C.W. ..... Grid ..FLYNN'S.. (LOCAL GRID)

DESCRIPTION OF CUTTINGS

Radiometric Log mR/Hr	Colour	Texture	Lithology	REMARKS
120			Dark Green — shale/slate — silic. green shale, chloritic schist.	
125			Dark Green — shale/slate — silic. green shale, chloritic schist.	
130			Dark Green — shale/slate/schist — silic. green shale, chloritic schist, ~~ma~~ hem. stained.	
135			Dark Green — shale/slate/schist. silic. green shale, chloritic schist.	
140			Dark Green — shale/schist silic. green shale, chloritic schist, hematite.	Max. Radiometric:
145			Dark Green — shale/schist. — silic green shale, chloritic schist. a little hemat	
150			Dark Green. shale/slate/ schist. silic green shale chloritic schist. ferruginous hem. shale.	Ratemeter No ..Y.M..... Logged by ..... I.M.R. Gemco ..MAYNEW No1 Date ..31-5-68.....
155			Dark Brown, green — shale/schist — ~~ma~~ more red mud, silic green shale, chlor schist. More hemat. shale	
160				

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RADIOMETRIC AND GEOLOGICAL LOG OF DRILL HOLE.

Project... R.J.C. .....

Hole No..... 1 .....

Co-ordinates... 8 N. 8 W. ..... Grid ..... FLYNN'S (LOCAL GRID.)

DESCRIPTION OF CUTTINGS

Radiometric Log mR/Hr	Colour	Texture	Lithology	REMARKS
160			Red brown — mud.	
			Green & Brown — shale/schist — silic. green shale, chlorite schist, hematitic shale.	
165			Red brown — mud	
			Green & brown	shale — schist — silic green shale, chloride schist & some hemat. shale.
170			Red brown mud	
			Green, brown.	shale/schist — silic green shale, chloride schist, hem. shale.
175			Red brown mud	
			Green & brown	shale/schist — silic green shale, chl. sch. hem. black shale frgm.
180			Red brown — mud	
			green — brown	— shale/schist silic. green shale shale sch., hem. shale little chlor.
				Max. Radiometric: .....
185			Red brown-mud	
			green - brown	shale/slate silic. green shale, some hem. shale/sch.
				Ratemeter No .....
				Logged by Y.M. .....
190				B.M.R. ~~Camco~~ MAYNEW No. 1.
			Red brown. mud	Date ... 31-5-62 .....
			Green & brown	shale/slate — silic. green shale & slate.
195			END OF HOLE.	
200				

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RADIOMETRIC AND GEOLOGICAL LOG OF DRILL HOLE.

Project...RJCS.....

Hole No.....1.....

Co-ordinates....1505...2700 E Grid ...RJCS...Grid

DESCRIPTION OF CUTTINGS

Radiometric Log mR/Hr	Colour	Texture	Lithology	REMARKS
	Brown	Gravel, sandy,	frags HAB	
	Red-Brown	Mottled	clayey material	
	Brown	Weathered	chloritic schist	
	Green-brown		chlorite schist	
	Mottled Red-brown, Greenish		Chlorite schist	
	Green-brown		Chlorite schist	
	Mottled Dark green		Chloritic Slate	
	Mottled Dark green : brown		Chloritic Schist.	Minor black slate bands

Max. Radiometric:

.....

Ratemeter No .....

Logged by .....

B.M.R. Gemco .....

Date .....

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RADIOMETRIC AND GEOLOGICAL LOG OF DRILL HOLE.

Project....RJCS.....

Hole No.....1.....

Co-ordinates..... Grid .....

DESCRIPTION OF CUTTINGS

Radiometric Log mR/Hr	Colour	Texture	Lithology	REMARKS
40				Rel. Unweathered
2			Khaki-green	Chloritic schist
3				
4				Minor black slate bands
45				
6				
7			Khakki	chloritic schist
8				
9				
50				
11				
12			Black	
13				Black Slate/Shale
14				Hard, brittle
55				
16				
17			Black	Slate/shale, Hard.
18				
19				Struck water
60				
21				
22			Black	Slate/Shale, Hard.
23				
24				Max. Radiometric:
65				.....
26				
27			Khaki	Chloritic Schist.
28				
29				
70				Ratemeter No .....
31			Black &	Logged by .....
32			Khaki	B.M.R. Gemco .....
33				Chloritic...S.....
34				
35				
36			Black	Shale/slate
37				
38				
39				
80				
40				

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RADIOMETRIC AND GEOLOGICAL LOG OF DRILL HOLE.

Project.....RJCS.....

Hole No.....1.....

Co-ordinates..... Grid .....

DESCRIPTION OF CUTTINGS

Radiometric Log mR/Hr	Colour	Texture	Lithology	REMARKS
80				
1---				
2---				
3---	Black		Shale/slate,	hard.
4---				
85				
6---				
7---	Black		Shale/slate,	hard
8---				
9---				
90				
11---				
12---	Black		Shale/slate	AA
13---				
14---				
95				
16---				
17---	Black		Shale/slate	AA
18---				
19---				
100				
21---				
22---	Black		Shale/slate	AA
23---			sl. chloritic,	slicked
24---			Max. Radiometric:	
105			.....	
26---	Black			
27---			Shale/slate	hard,
28---			Traces white carbonate mineral	
29---			Ratemeter No	
30---			Logged by	
31---			B.M.R. Gemco	
32---	Black		Shale/slate,	Date .....
33---			harder → cuttings finer.	
34---				
115				
36---	Black		Shale/slate	
37---			v. hard	
38---				
39---				
120				
40---				

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RADIOMETRIC AND GEOLOGICAL LOG OF DRILL HOLE.

Project.....

Hole No.....

Co-ordinates..... Grid .....

DESCRIPTION OF CUTTINGS

Radiometric Log mR/Hr	Colour	Texture	Lithology	REMARKS
120 1---				
2---				
3---				
4---	Black		Shale/slate, pyritic	
125 5---				
6---				
7---	Black		Shale/slate, pyritic, dolomite in fractures	
8---				
9---				
130 10---				
11---				
12---	Black		shale/slate, pyritic, dolomitic. AA.	
13---				
14---				
135 15---				
16---				
17---	Black		Shale/slate, pyritic, dolomite veinlets	
18---			Sooty sludge (graphite?)	
19---				
140 20---				
21---				
22---	Black		Shale/slate, pyritic, sooty;	
23---			dolomite veinlets.	
24---			Max. Radiometric:	
145 25---			.....	
26---				
27---	Black		Shale/slate, pyritic, sooty (graphitic)	
28---				
29---			dolomite veinlets	
150 30---				
31---	Black		Shale/slate, pyritic,	
32---			Sooty (graphitic)	
33---			dolomite veinlets.	
34---				
155 35---				
36---				
37---	Black		Shale/slate, pyritic	
38---			sooty, dolomite veinlets	
39---				
160 40---				

Ratemeter No .....

Logged by .....

B.M.R. Gemco .....

Date .....

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RADIOMETRIC AND GEOLOGICAL LOG OF DRILL HOLE.

Project.....RJCS.....

Hole No.....1.....

Co-ordinates..... Grid .....

DESCRIPTION OF CUTTINGS

Radiometric Log mR/Hr		Colour	Texture	Lithology	REMARKS
160	1				
	2	Black		Shale/slate, pyritic, graphitic (sooty), dolomite veinlets	
	3				
	4				
165	5				
	6				
	7	Black		Shale/slate, pyritic, graphitic (sooty), dolomite veinlets, also minor veinlets of soft green material (chlorite?)	
	8				
	9				
170	10				
	11				
	12	Black		Shale/slate, pyritic, graphitic (sooty) dolomite veinlets, rare minor veinlets of soft green material (chlorite?)	
	13				
	14				
175	15				
	16			← Becoming V. hard	
	17	Black		Cuttings mainly shale/slate AA, but a significant amount of fine broken quartz is present.	
	18				
	19				
180	20				
	21			← Becoming softer	
	22	Black		Shale/slate, pyritic, graphitic, dolomite veinlets + soft green mineral (chlorite)	
	23				
	24				Max. Radiometric:
185	25				.....
	26				
	27	Black		Shale/slate, pyritic, graphitic, dolomite veinlets + soft green mineral.	
	28				
	29				
190	30				
	31				
	32	Black		Shale/slate, pyritic, graphitic, dolomite veinlets + soft green mineral	
	33				
	34				
195	35				
	36				
	37	Black		Shale/slate, pyritic, graphitic, AA.	
	38				
	39				
200	40				

Ratemeter No .....

Logged by ..A.T.....

B.M.R. ~~Geo~~ Mayhew. Rig. 1.

Date ...28/5/68.....

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RADIOMETRIC AND GEOLOGICAL LOG OF DRILL HOLE.

Project....R.J.C.S.....

Hole No.....1.....

Co-ordinates..... Grid .....

DESCRIPTION OF CUTTINGS

	Radiometric Log mR/Hr	Colour	Texture	Lithology	REMARKS
200 1---		Black		Shale/slate, [redacted]	
2---				pyritic, graphitic; increasing dolomite	
3---				& quartz veinlets.	
4---					
205 5---					
6---		Black		Shale/slate,	
7---					
8---				pyritic, graphitic, increasing dolomite	
9---				veinlets.	
210 10---					
11---				END OF HOLE 210'	
12---					
13---					
14---					
15---					
16---					
17---					
18---					
19---					
20---					
21---					
22---					
23---					
24---					
25---					
26---					
27---					
28---					
29---					
30---					
31---					
32---					
33---					
34---					
35---					
36---					
37---					
38---					
39---					
40---					

Max. Radiometric:

.....

Ratemeter No .....

Logged by .....

B.M.R. Gemco .....

Date .....

BUREAU OF MINERAL RESOURCES, GEOLOGY & GEOPHYSICS

RADIOMETRIC AND GEOLOGICAL LOG OF DRILL HOLE.

Project.....

Hole No.....

Co-ordinates...1505/2650E..... Grid ..R.T.C.S. (T.E.P Local)

DESCRIPTION OF CUTTINGS

	Radiometric Log mR/Hr	Colour	Texture	Lithology	REMARKS
1					
2					
3		Brown		Gravel - pebbles of Hard weathered shaly sand.	
4					
5		Red-brown		Mottled clayey soil	
6		Yellow-brown			
7					
8					
9					
10					
11		Yellow-brown		Chlorite schist	
12		& green			
13					
14					
15		Yellow-brown		Chlorite schist	
16					
17		& green			
18					
19					
20					
21		Khaki		Chlorite schist	
22					
23					
24					Max. Radiometric:
25					.....
26		Khaki		Chlorite schist	
27					
28					
29					
30					
31		Khaki		Chlorite schist	
32					
33					
34					
35					
36		Khaki		Chlorite schist	
37					
38					
39					

Ratemeter No .....

Logged by .....

B.M.R. Gemco .....

Date .....

BUREAU OF MINERAL RESOURCES, GEOLOGY & GEOPHYSICS

RADIOMETRIC AND GEOLOGICAL LOG OF DRILL HOLE.

Project... R.T.C.S.....

Hole No.... 2.....

Co-ordinates..... Grid .....

DESCRIPTION OF CUTTINGS

Radiometric Log mR/Hr		Colour	Texture	Lithology	REMARKS
40	1---				
	2---	Dark		chlorite schist	
	3---	green			
45	4---				
	5---				
	6---				
	7---	Dark green		Chlorite schist	
	8---	& black		& some dark shale	
	9---				
50	10---				
	11---				
	12---	Dark green		chlorite schist	
	13---				
	14---				
55	15---				
	16---				
	17---	Dark green		chlorite schist	
	18---				
	19---				
60	20---			Struck H2O	
	21---				
	22---				
	23---	Dark green		chlorite schist	
	24---				
65	25---				
	26---				
	27---				
	28---	Dak green		chlorite schist	
	29---				
70	30---				
	31---				
	32---				
	33---	Dark green		chlorite schist	
	34---				
75	35---				
	36---				
	37---	Dark green		chlorite schist.	
	38---	& black			
	39---				
	40---				

Max. Radiometric .....

Ratemeter No .....

Logged by .....

B.M.R. Gemco .....

Date .....

BUREAU OF MINERAL RESOURCES, GEOLOGY & GEOPHYSICS

RADIOMETRIC AND GEOLOGICAL LOG OF DRILL HOLE.

Project..... RTCS

Hole No..... 2

Co-ordinates..... Grid .....

DESCRIPTION OF CUTTINGS

	Radiometric Log mR/Hr	Colour	Texture	Lithology	REMARKS
80					
1---					
2---		Dk green		chlorite schist	
3---					
4---					
85					
5---					
6---		Black		shale/slate, hard	
7---					
8---					
90					
9---					
10---					
11---		Greenish Black		shale/slate, hard, chlorite	
12---					
13---					
14---					
95					
15---					
16---		Black		shale/slate hard	
17---					
18---					
19---					
100					
20---					
21---					
22---		Black		Shale/slate, hard.	
23---					
24---					
105					
25---					
26---					
27---		Black		Shale/slate, hard,	
28---					
29---					
110					
30---					
31---		Black		shale/slate,	
32---					
33---				hard, some frags dolomite veining,	
34---					
115					
35---					
36---		Black		Shale/slate AA.	
37---					
38---					
39---					
120					
40---					

Max. Radiometric:

.....

Ratemeter No .....

Logged by .....

B.M.R. Gemco .....

Date .....

BUREAU OF MINERAL RESOURCES, GEOLOGY & GEOPHYSICS

RADIOMETRIC AND GEOLOGICAL LOG OF DRILL HOLE.

Project.....R.T.C.S.....

Hole No.....2.....

Co-ordinates..... Grid .....

DESCRIPTION OF CUTTINGS

Radiometric Log mR/Hr	Colour	Texture	Lithology	REMARKS
120				
2---	Black		Shale/slate, some grey siltstone,	
3---	Grey		minor veinlets dolomite	
4---				
125				
6---				
7---	Black		Shale/slate minor grey silt st.	
8---				
9---				
130				
11---				
12---	Black		Shale/slate, sooty, pyritic	
13---				
14---				
135				
16---				
17---	Black		Shale/slate, sooty, pyritic	
18---				
19---				
140				
21---			Shale/slate, sooty, pyritic	
22---	Black			
23---				
24---				Max. Radiometric:
145				.....
26---				
27---	Black		Shale/slate, graphitic, pyritic	
28---				
29---				
150				
31---				
32---	Black		Shale/slate,	
33---			graphitic, pyritic	
34---				
155			← Becoming V. hard	
36---				
37---				
38---	Black		Shale/slate, graphitic, dolomitic pyritic, abundant chips Vallin quartz	
160 39---				
40---				

Ratemeter No .....

Logged by ....A.T.....

B.M.R. Geneo Mayhew...Reg.1

Date .....29/5/62.....

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RADIOMETRIC AND GEOLOGICAL LOG OF DRILL HOLE.

Project..... RTCS [redacted]

Hole No..... 2

Co-ordinates..150 S./2650 E.... Grid ..RTCS (TBP local)

DESCRIPTION OF CUTTINGS

Radiometric Log mR/Hr	Colour	Texture	Lithology	REMARKS
160				
2---				
	Black		Shale/slate, graphitic, pyritic minor fine dolomite veinlets	
3---				
4---				
165				
5---				
6---				
	Black		Shale/slate, graphitic, pyritic minor fine qtz, dolomite veinlets.	
7---				
8---				
9---				
170				
10---				
11---			[illegible]	
12---				
	Black		Shale/slate, graphitic, pyritic Minor fine qtz, dolomite veinlets Abundant cavings.	
13---				
14---				
175				
15---				
16---				
17---				
	Black		Shale/slate, graphitic, pyritic Minor fine qtz, dolomite veinlets	
18---				
19---				
180				
20---				
21---				
22---				
	Black		Shale/slate, graphitic, pyritic Minor fine qtz, dolomite veinlets	
23---				
24---				
185				
25---				
26--				
27--				
	Black		Shale/slate, graphitic, pyritic Minor fine qtz, dolomite veinlets	
28--				
29--				
190				
30---				
31--				
32--				
	Black		Shale/slate AA	
33--				
34--				
195				
35---				
36--				
37--				
	Black		Shale/Slate AA, graphitic, pyritic Minor fine dolomite & qtz veinlets	
38--				
200				
39--				
40--				

Max. Radiometric: .....

Ratemeter No .....

Logged by ..A.T.....

B.M.R. ~~Geneo~~ Mayhew R.g.1

Date .....29/3/61.....

END OF HOLE

BUREAU OF MINERAL RESOURCES, GEOLOGY & GEOPHYSICS

RADIOMETRIC AND GEOLOGICAL LOG OF DRILL HOLE.

Project....R.T.C.S.....

Hole No.....3.....

Co-ordinates..[illegible]S./2450E... Grid R.T.C.S.(T.E.P. local)

DESCRIPTION OF CUTTINGS

Radiometric Log mR/Hr	Colour	Texture	Lithology	REMARKS
1---				
2---				
3---	Red-Brown		Gravel - frags H.G.B., sandy clay.	
4---				
5---				
6---				
7---				
8---	Red-Brown,		Gravel AA	
9---				
10---				
11---				
12---	Red Brown,		Gravel, weathered	
13---	becoming brown		chlorite schist.	
14---	chert @ 13'			
15---				
16---				
17---	Brown		weathered chlorite schist.	
18---				
19---				
20---				
21---	Brown (khaki)		weathered chlorite schist.	
22---				
23---				
24---				
25---				Max. Radiometric: .....
26---	Brown			weathered chlorite schist.
27---				
28---				
29---				
30---				
31---				
32---				
33---				
34---				
35---				
36---				
37---				
38---				
39---				
40---				

Ratemeter No .....

Logged by .....

B.M.R. Gemco.....

Date .....

BUREAU OF MINERAL RESOURCES, GEOLOGY & GEOPHYSICS

RADIOMETRIC AND GEOLOGICAL LOG OF DRILL HOLE.

Project....R.J.C.S.....

Hole No.....3.....

Co-ordinates..~~1005~~.505.2650E Grid ..R.J.C.S..

DESCRIPTION OF CUTTINGS

Radiometric Log mR/Hr		Colour	Texture	Lithology	REMARKS
40	1				
	2	Grey-black		Shale graphitic	
	3				
	4				
45	5	Grey			
	6	Black		Shale/slate	
	7				
	8				
	9				
50	10				
	11	Grey			
	12	Black		Shale/slate	
	13				
	14				
55	15				
	16				
	17	Grey-		Shale/slate	
	18	black			
	19				
	20			Struck water	
60	21				
	22				
	23	Black		Shale/slate	
	24				
65	25				
	26				
	27				
	28				
	29				
70	30				
	31				
	32				
	33				
	34				
75	35				
	36				
	37				
	38				
80	39				
	40				

Max. Radiometric:

.....

Ratemeter No .....

Logged by .....

B.M.R. Gemco .....

Date .....

BUREAU OF MINERAL RESOURCES, GEOLOGY & GEOPHYSICS

RADIOMETRIC AND GEOLOGICAL LOG OF DRILL HOLE.

Project.....R.J.C.S.....

Hole No.....J.....

Co-ordinates.....S.O.S.....2650.E Grid ..R.S.C.S. (T.G.P local)

DESCRIPTION OF CUTTINGS

Radiometric Log mR/Hr		Colour	Texture	Lithology	REMARKS
80	1				
	2	Black		Shale/slate	
	3				
	4				
85	5				
	6				
	7				
	8	Black		Shale/slate	
90	9				
	10				
	11				
	12	Black		Shale/slate, becoming harder	
	13				
	14				
95	15				
	16				
	17				
	18				
	19				
100	20				
	21				
	22				
	23				
	24				
105	25				
	26				
	27				
	28				
	29				
110	30				
	31				
	32				
	33				
	34				
115	35				
	36				
	37				
	38				
	39				
120	40				

Max. Radiometric:

.....

Ratemeter No .....

Logged by .....

B.M.R. Gemco .....

Date .....

BUREAU OF MINERAL RESOURCES, GEOLOGY & GEOPHYSICS

RADIOMETRIC AND GEOLOGICAL LOG OF DRILL HOLE.

Project.....R.J.C.S.....

Hole No.....3.....

Co-ordinates....505...2650E. Grid ...R.J.C.S.(LOCAL)

DESCRIPTION OF CUTTINGS

Radiometric Log mR/Hr	Colour	Texture	Lithology	REMARKS
120 1---				
2---				
3---	Black		Shale/slate,	minor dolomite veinlets.
4---				
125 5---				
6---				
7---	[redacted]			
8---	Black		Shale/slate,	minor dolomite veinlets.
9---				
130 10---				
11---				
12---	Black		Shale/slate,	minor dolomite veinlets
13---				
14---				
135 15---				
16---	Black		shale/slate	minor dolomite veinlets. + hematite staining.
17---				
18---				
19---				
140 20---				
21---	Black.		shale/slate — minor dolomite veinlets.	
22---				
23---				
24---				
145 25---				
26---	Black		shale/shale	minor dolomite veinlets. + greenish mineral + hematite staining
27---				
28---				
29---				
150 30---				
31---	Black		shale/slate	minor dolomite veinlets, hematite staining on fracture surfaces.
32---				
33---				
34---				
155 35---				
36---	Dark Grey		shale/slate/dolomite	numerous dolomite fragments + chlorite flakes + black slate fragments.
37---				
38---				
39---				
160 40---				

Max. Radiometric: .....

Ratemeter No .....

Logged by .Y.M.....

B.M.R. Gemco MAYHEW No 1.

Date ..30-5-68.....

BUREAU OF MINERAL RESOURCES, GEOLOGY & GEOPHYSICS

RADIOMETRIC AND GAMMA LOGGING OF DRILL HOLE.

R.J.C.S.

Project..... 3

Hole No..... 50 S. 2650 E

Co-ordinates..... Grid ..... R.J.C.S. (Local Grid)

DESCRIPTION OF CUTTINGS

Radiometric Log mR/Hr	Colour	Texture	Lithology	REMARKS
160	Grey	Dark brown	— dolomite/slate/schist	hematite stained dolomite fragm., with chlorite + pyrite + black slate fragm ē dlm. veiets + hemat
165	Dark Grey, brown		— shale/slate/dolomite	fine grained black slate material with dlm. fragm. (hem stained)
170	Red brown, grey			shale/slate/dolomite black slate fragm, hem stained dlm.
175	Red brown, grey		— dolomite/hematite/shale, slate.	— fine grained hematite stained dolomite, hematite, black slate fragm. some chlorite.
180	Grey, red brown.			— shale/slate/dolomite mainly fine grained black slate — hem. stained, some dolomite fragm. ē hem.
185	Grey, red brown (contaminated sample)			shale/slate ? — black hem. stained slate, minor dolomite + chlorite (?)
190	D. Grey, red brown (contaminated sample)			shale/slate — hematite stained black slate, some chlorite flakes
195				
196	D. Brown			shale/slate (?) sample very strongly contaminated, drill bit v. hard rock, could not penetrate.

Drill bit broke here (?)

Change of water to red brown.

More red brown water.

Max. Radiometric: .....

Ratemeter No .....

Logged by ..Y.M.....

B.M.R. Geneo M.A.Y.H.E.W. No 1

Date 30.5.68 .....

END OF HOLE.

Dr. Bit broken ||

200

BUREAU OF MINERAL RESOURCES, GEOLOGY & GEOPHYSICS

RADIOMETRIC AND GEOLOGICAL LOG OF DRILL HOLE.

Project.....R.J.C.S.....

Hole No.....4.....

Co-ordinates...100S...2450E.... Grid ..R.J.C.S..

DESCRIPTION OF CUTTINGS

Background 80 c/s

Radiometric Log mR/Hr		Colour	Texture	Lithology	REMARKS
72	1--- 2--- 3--- 4--- 5---			Red. — gravel, clay.	
78	6--- 7--- 8--- 9--- 10---			Yellow brown - schist. weathered chlorite schist.	
78	11--- 12--- 13--- 14--- 15---			yellow brown - schist weathered chlorite schist.	
82	16--- 17--- 18--- 19--- 20---			yellow brown - schist. weath. chlorite schist	
84	21--- 22--- 23--- 24--- 25---			yellow brown	schist weath chlorite schist Max. Radiometric: .....
80	26-- 27-- 28-- 29-- 30--			grey green	schist. weath chlorite schist.
80	31-- 32-- 33-- 34-- 35---			Mottled green + brown	chlorite schist
80	36-- 37-- 38-- 39-- 40--				as above

Ratemeter No .....

Logged by .....

B.M.R. Gemco .....

Date .....

BUREAU OF MINERAL RESOURCES, GEOLOGY & GEOPHYSICS

RADIOMETRIC AND GEOLOGICAL LOG OF DRILL HOLE.

Project.....R.J.G.S.....

Hole No.....3.4.....

Co-ordinates..100S. 2650E.... Grid R.J.G.S. (LOCAL GRID).

DESCRIPTION OF CUTTINGS

Radiometric Log mR/Hr	Colour	Texture	Lithology	REMARKS
40				
			Grey-green	chlorite schist, some slate
78				
45				
			Green & brown	Chlorite schist
78				
50				
			as above	
84				
55				
			Dark green	chlorite schist
80				
60				
			Grey-green	chlorite schist
80				
65				
			Green & brown	chlorite schist
82				
70				
80			as above	
75			← Struck Water	
84			as above	
80				

Max. Radiometric:

.....

Ratemeter No .....

Logged by .....

B.M.R. Gemco .....

Date .....

BUREAU OF MINERAL RESOURCES, GEOLOGY & GEOPHYSICS

RADIOMETRIC AND GEOLOGICAL LOG OF DRILL HOLE.

Project.... R.J.C.S. .....

Hole No..... 4 .....

Co-ordinates... 100 S. 2650 E ... Grid ..... R.J.C.S. (LOCAL GRID)

DESCRIPTION OF CUTTINGS

Radiometric Log mR/Hr	Colour	Texture	Lithology	REMARKS
80				
80	Green & Brown		chlorite schist	
85				
80	Black		shale/slate, graphitic.	
90				
80			as above	
95				
78			as above	
100				
80			as above	
105				
76			as above	
110				
80			as above	
115				
60			as above, pyritic	
120				

Max. Radiometric:

.....

Ratemeter No .....

Logged by .....

B.M.R. Gemco .....

Date .....

BUREAU OF MINERAL RESOURCES, GEOLOGY & GEOPHYSICS

RADIOMETRIC/GEOLOGICAL LOG OF DRILL HOLE.

Project..... RTCS

Hole No..... 4

Co-ordinates..... 100 S 2650 E Grid ..... RTCS (TEP Local)

DESCRIPTION OF CUTTINGS

Radiometric Log mR/Hr		Colour	Texture	Lithology	REMARKS
120	1---				
	2---	Black		Shale/slate, pyritic, graphitic	
80	3---				
	4---				
125	5---				
	6---				
	7---			as above	
82	8---				
	9---				
130	10---				
	11---				
	12---			as above	
84	13---				
	14---				
135	15---				
	16---				
84	17---				
	18---			as above	
	19---				
140	20---				
	21---			← Becoming hard (changed bit)	
80	22---				
	23---	Black		Shale/slate, pyritic, dolomitic.	
	24---			Minor veinlets dolomite	
145	25---				Max. Radiometric:
	26---				.....
	27---	Black		Shale/slate, pyritic, dolomitic.	
78	28---			Abundant quartz frags, CAVINGS	
	29---				Ratemeter No.....
150	30---				Logged by .....
	31---				B.M.R. Gemco .....
	32---				Date .....
80	33---	Black		as above,	
	34---			ABUNDANT CAVINGS (70%)	
155	35---				
	36---				
90	37---				
	38---			as above.	
	39---				
160	40---				

BUREAU OF MINERAL RESOURCES, GEOLOGY & GEOPHYSICS

RADIOMETRIC AND GEOLOGICAL LOG OF DRILL HOLE.

Project.....

Hole No.....

Co-ordinates..... Grid .....

DESCRIPTION OF CUTTINGS

Radiometric Log mR/Hr		Colour	Texture	Lithology	REMARKS
160	1				
	2				
82	3	Black		Shale/slate, pyritic, graphitic	
	4			Minor qtz ± dolomite veinlets	
165	5				ABUNDANT CAVINGS (>20%)
	6				
	7				
80	8			as above	
	9				
170	10				
	11				
86	12			as above.	
	13				
	14				
175	15				
	16				
	17				
84	18			as above	
	19				
(9:19) 180	20				
	21				
	22				
82	23			as above	
	24				
(9:35) 185	25				
	26				
	27				
84	28			as above	
	29				
(9:50) 190	30				
	31				
	32				
76	33			as above	
	34				
(9:55) 195	35				
	36				
	37				
78	38			as above	
	39				
(10:05) 200	40			END OF HOLE	

Max. Radiometric:

.....

Ratemeter No .....

Logged by .....

B.M.R. Gemco .....

Date .....

HOLE caved at 22' could not be probed.