

[illegible]

DRILL HOLE N° ALL-AT-164

VERTICAL SCALE = 100

THIS IS A HALF SIZE REDUCTION FROM ORIGINAL.
VALUES OF ALL SCALES SHOWN MUST BE DOUBLED.

DRILL HOLE N°
ALL - AT - 164

[illegible][illegible]

CO-ORDINATES { 80751 E
20238 N

COLLAR { MAG AZIMUTH 225°
DIP 60°

DRILLED DEPTH 39 m

WATER LEVELS metres	
WATER TABLE (first wet cuttings)	16 m
WHEN LOGGED	na
HYDROSTATIC	

DEPTH LOGGED ()		36.9 m
DATE		6-8-87
LOGGING EQUIPMENT		T400
	PROBE NO.	LOGGING SPEED m/min
FUNCTION 1	515.227 (m)	3
FUNCTION 2		
FUNCTION 3		
FUNCTION 4		

NATURAL γ (NaI)	☐
ST 22 2T LOG	☐
SINGLE ELECT RES	☐
SP LOG	☐
LATEROLOG 7 (For Res.)	☐
NEUTRON - NEUTRON	☐
DIGITIZED LINE	☐
RAWOATA	☐
STS - 22 - 2T	☒
CALIPER	☐
DEVIATION SURVEY	☐

PROJECT Allamberg
PROSPECT Dam
T. R. A. TOP M⁰ OF E. L. 444

DRILLING CONTRACTOR OLD Drilling

DRILL RIG

START OF OPERATION 6-8-87

END OF OPERATION 7-8-87

REMARKS.	

HOLE DIAMETER		
FROM	TO	ϕ mm
0	1.0	130
1.0	29	115

STRING/CASING (when <u>515</u> logged)			
TYPE	FROM	TO	THICKNESS mm
steel	0	39	7 + 24
FLUID IN HOLE <u>water</u>			density <u>1.0</u>

GAMMA LOGGING		
	95-22-2T	95-22-2T
TEST BEFORE	1280	
TEST AFTER	1320	
BACKGROUND		
λ FACTOR		
DEAD TIME CORR.		

TOTAL RAC	
CUMULATED WIDTH Σ A'	
NUMBER OF INTERSECTIONS	
NOTE A' DETERMINED AT THRESHOLD	

BEST INTERSECTIONS	FROM	TO	N	STS
		23	36.9	
	at	25.0		690.5

CASING LEFT IN THE HOLE			
TYPE	FROM	TO	THICKNESS mm
uPVC	0	1.0	6

NOTE. IN CORE HOLES, ALL DEPTHS
ARE RADIO-METRIC LOG DEPTHS

LITHOLOGY _____ Q.T

AIR DRILLING	from	0	to	29
MUD DRILLING	from		to	
CORING	{	from		to
		from		to
		from		to

COVER		PARAMETERS RECORDED SYSTEMATICALLY			R/O	COMPONENT PERCENT or SEQUENCES		
GOOD	COVER				PYRITE			
8					HEM. LIM.			
30								

LITHOLOGICAL DESCRIPTION / MINERALIZATION

GRAPHIC

001 DATED 100

FUNCTION :
50522 2T
Main Scale : cm : 30.5 : 4/ : Unit
Reading on left-hand line : 0
LEFT HAND LINE TO BE SHOWN

FUNCTION 2	
Main Scale 1 cm:	
	Unit
Reading on left-hand line	

GRAPH FOR EACH FUNCTION —

FUNCTION 3

Main Scale Item: UN

Reading on left-hand line

SCALE OF DETAILS TO BE SHOWN NEAR

FUNCTION 4	
Main Scale 1cm =	U
Reading on left-hand line	

INDIVIDUAL TRACES

SAMPLE
No.

A S S A Y S
(P R E)

1

schist, graphitic, bleached, laterized pallid zone
schist, graphitic, hematitic

schist, graphitic
schist, graphitic and hematitic

schist, graphitic, hematitic, chloritic
schist, graphitic and chloritic + minor hematite

schist, as above, locally with hematite veinlets

schist, graphitic, chloritic and chert, dark red grey
chert, red grey and schist + silicified schist
chert, dark green and pink

chert, grey, green, chlorite + actinolite
chert, much light grey siliceous

- chert, much pink and light grey fine cherts
- chert, dark grey green as 30-31m, minor pyrite
- chert, grey-green with chlorite, hematite, graphite
- chert, hematitic, graphitic + quartzite + chlorite
- chert, chlorite + graphitic rock hematite rock

Lion

20π

 30π

40m

50m

ALL - AT - 163	
REMARKS.	

BEST INTERSECTIONS	FROM	TO	N	Dal
		47.0	54.8	
	at	51.1		1550 y/s

OPERATOR J.E

CHECKED BY _____

LITHOLOGICAL DESCRIPTION / MINERALIZATION

hematized graphitic schist with blue clay + some feldspar

hematitic graphitic schist with a little clay
as above with quartzite
hematized graphitic schist

as above with some quartzite

graphitic hematized schist with quartzite crystals

graphitic schist with some hematization

graphitic schist
as above with pyrite

as above with some quartzite

graphitic schist + pyrite

as above with feldspar, quartzite?

graphitic schist with some pyrite, some hematization

graphitic schist

as above with some feldspar + quartzite
as above, a little chloritic
graphitic and a little bit chloritic schist

graphitic and chloritic schist with pink quartzite feldspathic
as above with alteration
graphitic schist with alteration and chloritic
small amount of quartzite feldspathic rock

as above with some clay
graphitic schist and chlorite

chloritic and graphitic schist with quartzite + altered feldspar

graphitic pink schist, little bit hematized

chert + chlorite + altered rock, very rich quartz rock with clay

SYMBOLIZED LOG		FUNCTION 1		FUNCTION 2		FUNCTION 3		FUNCTION 4		SYMBOLS	
DEPTH		Main Scale: 1cm = 50-3 c/s Units		Main Scale: 1cm = 100 c/s Units		Main Scale: 1cm = Units		Main Scale: 1cm = Units		SPR. RECORDS	
Reading on left-hand line		Reading on left-hand line		Reading on left-hand line		Reading on left-hand line		Reading on left-hand line		SPR. RECORDS	
LEFT-HAND LINE TO BE SHOWN ON GRAPH FOR EACH FUNCTION - SCALE OF DETAILS TO BE SHOWN NEAR INDIVIDUAL TRACES											
10m		function 1								300	
										250	
										200	
										150	
										100	
										50	
										0	
										-50	
										-100	
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										-250	
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										-2750	

[illegible]

CHECKED BY _____

[illegible]

DRILL HOLE N° ALL-AT-167

VERTICAL SCALE 1 100

IMPORTANT

THIS IS A HALF SIZE REDUCTION FROM ORIGINAL.
VALUES OF ALL SCALES SHOWN MUST BE DOUBLED.

DRILL HOLE NO.
ALL - AT - 167

GEOLOGY REFERENCE	
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	95. _____
	96. _____
	97. _____
	98. _____
	99. _____
	100. _____

[illegible]

CO-ORDINATES { 80758 E
20257 N

COLLAR { MAG AZIMUTH 224°
DIP 60°

DRILLED DEPTH 44 m

WATER LEVELS metres	
WATER TABLE (first wet cuttings)	20 m
WHEN LOGGED	na.
HYDROSTATIC	

DEPTH LOGGED () 4.5 m		
DATE 9.8.87		
LOGGING EQUIPMENT T400		
	PROBE No	LOGGING SPEED m/min
FUNCTION 1	55-22.7T (100)	3
FUNCTION 2		
FUNCTION 3		
FUNCTION 4		

NATURAL γ (NoZ)	☐
ST22-ET LOG	☒
SINGLE ELEC. REIN.	☐
SP LOG	☐
LATEROLOG 7 (For. Res.)	☐
NEUTRON-NEUTRON	☐
DIGITIZED LINE	☐
RAWDATA	☐
STB-22-IT	☒
...	☐
CALIPER	☐
DEVIATION SURVEY	☐

PROJECT Allamberg
PROSPECT Dam
T R., ALOPH* or EL# 4414

DRILLING CONTRACTOR OLD Drilling
 DRILL RIG _____
 START OF OPERATION 8-8-87
 END OF OPERATION 9-8-87

BEST INTERSECTIONS	FROM	TO	A'	ST-22-27
		at	24	
	at	20		930

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED
DATE 08-16-2011 BY 60322 UCBAW/BJS
REMARKS.

HOLE DIAMETER		
FROM	TO	ϕ mm
0	2	125
2	44	115

STRING/CASING (when _____ logged)			
TYPE	FROM	TO	THICKNESS mm
u PVC	0	2	6
steel	0	44	7+24
FLUID IN HOLE		density	

AIR DRILLING	from	0	to	44
MUD DRILLING	from		to	
CORING	{	from		to
		from		to
		from		to

CASING LEFT IN THE HOLE			
TYPE	FROM	TO	THICKNESS mm
✓ PVC	0	2	6

GAMMA LOGGING		
	ST 22-2T	ST 22-2T
TEST BEFORE	1350	
TEST AFTER	1350	
BACKGROUND	n.a.	
h FACTOR		
DEAD TIME CORR.		

TOTAL RAC	
CUMULATED WIDTH $\Sigma N'$	
NUMBER OF INTERSECTIONS	
NOTE: N' DETERMINED AT THRESHOLD	

CHECKED BY _____

(Project Manager

[illegible]

DRILL HOLE N° ALL-AT-169

VERTICAL SCALE = 100

IMPORTANT

THIS IS A HALF SIZE REDUCTION FROM ORIGINAL.
VALUES OF ALL SCALES SHOWN MUST BE DOUBLED.

DRILL HOLE N°
ALL-AT-169

[illegible][illegible]

CO-ORDINATES { 80742 E
20713 N

COLLAR { MAG AZIMUTH 134°
DIP 60°

DRILLED DEPTH 15 m

WATER LEVELS metres

WATER TABLE 11m
(first wet cuttings)

WHEN LOGGED _____

HYDROSTATIC _____

DEPTH LOGGED () m		
DATE		
LOGGING EQUIPMENT		
	PROBE N°	LOGGING SPEED m/min
FUNCTION 1		
FUNCTION 2		
FUNCTION 3		
FUNCTION 4		

NATURAL γ (NaI)	
ST 22 - 2T LOG	
SINGLE ELECT REB	
SP LOG	
LATEROLOG 7 (Foc Res.)	
NEUTRON - NEUTRON	
DIGITIZED LINE	
RAW DATA	
STS - 22	
CALIPER	
DEVIATION SURVEY	

PROJECT Allamaber
PROSPECT Dam
T R , AIGPM^o or EL's 4414

DRILLING CONTRACTOR OLD Drilling
DRILL RIG Air Track
START OF OPERATION 9-8-87
END OF OPERATION 10-8-87

REMARKS.
Abandoned. Not Logged.

HOLE DIAMETER		
FROM	TO	ϕ mm
0	1.5	125
1.5	15	115

STRING/CASING (when _____ logged)			
TYPE	FROM	TO	THICKNESS mm
PVC	0	15	6

FLUID IN HOLE _____ density _____

AIR DRILLING	from _____	to _____
MUD DRILLING	from _____	to _____
CORING	{	from _____ to _____
		from _____ to _____
		from _____ to _____

CASING LEFT IN THE HOLE			
TYPE	FROM	TO	THICKNESS mm
WPKC	0	1.3	6

GAMMA LOGGING		
		ST 22-2Y
TEST BEFORE		
TEST AFTER		
BACKGROUND		
1 FACTOR		
DEAD TIME CORR		

TOTAL RAC	
CUMULATED WIDTH IN'	
NUMBER OF INTERSECTIONS	
NOTE N' DETERMINED	

BEST INTERSECTIONS	FROM	TO	N°	

LITHOLOGY _____ 0.7

NOTE. IN CORE HOLES, ALL DEPTHS
ARE RADIOMETRIC LOG DEPTHS

OPERATOR JE

CHECKED BY _____ (Project Manager)

[illegible]

TOTAL Mining Australia Pty.Limited

DRILL HOLE N° ALL-AT-171
VERTICAL SCALE 1:100

IMPORTANT
THIS IS A HALF SIZE REDUCTION FROM ORIGINAL.
VALUES OF ALL SCALES SHOWN MUST BE DOUBLED.

DRILL HOLE N°
ALL-AT-171

[illegible][illegible]

CO. ORDINATES { _____

COLLAR { MAG AZIMUTH 326°
DIP 060°

DRILLED DEPTH 29m

HOLE DIAMETER		
FROM	TO	φ mm
0	1.5	125
1.5	29.0	115

AIR DRILLING	from	0	to	29m
MUD DRILLING	from		to	
CORING	{	from		to
		from		to
		from		to

LITHOLOGY _____ QI _____

WATER LEVELS metres	
WATER TABLE (first wet cuttings)	17m
WHEN LOGGED	57m
HYDROSTATIC	

STRING/CASING (when <u>Not</u> logged)			
TYPE	FROM	TO	THICKNESS mm
w. PVC	0	1.5	6
poly	0	22	4

FLUID IN HOLE _____ density _____

CASINGS LEFT IN THE HOLE			
TYPE	FROM	TO	THICKNESS
PVC	0	1.5	6

NOTE. IN CORE HOLES, ALL DEPTHS
ARE RADIOMETRIC LOG DEPTHS

DEPTH LOGGED (		21.5	m
DATE		11-8-87	
LOGGING EQUIPMENT		T 400	
	PROBE NO	LOGGING SPEED m/min	
FUNCTION 1	NaI (451)	3	
FUNCTION 2			
FUNCTION 3			
FUNCTION 4			

GAMMA LOGGING		
	NaI	ST 22-2T
TEST BEFORE	1240	
TEST AFTER	1250	
BACKGROUND	58	
B FACTOR		
DEAD TIME CORR.		

NATURAL γ (NaI)	☒
ST22-ET LOG	☐
SINGLE ELECT. RES.	☐
SP LOG	☐
LATEROLOG 7 (Poc. Res.)	☐
NEUTRON-NEUTRON	☐
DIGITIZED LINE	☐
RAWDATA	☐
STS-22	☐
	☐
CALIPER	☐
DEVIATION SURVEY	☐

TOTAL RAC	
CUMULATED WIDTH IN'	
NUMBER OF INTERSECTIONS	
NOTE: N' DETERMINED AT THRESHOLD	

PROJECT Allamberg
PROSPECT Dam
T.R., AtpM² or EL's 4414

DRILLING CONTRACTOR GUD Drilling
DRILL RIG _____
START OF OPERATION 10-8-87
END OF OPERATION 10-8-87

[illegible]

REMARKS.
abandoned at 29 m

[illegible]

LITHOLOGICAL DESCRIPTION / MINERALIZATION

quartz grains, feldspar, clay, hematized altered schist
quartz, grains, feldspar pink and altered granite biotite foliation
" "
clay, white altered feldspar, quartz, limonitized schist
hematitic schist, graphitic
" "
hematitic limonitic schist, graphitic
grey schist (chloritic) slightly graphitic
fault zone?
" "
sericitic (chloritic?) altered schist + limonite
" "
dolomite
" "
clay, some chunks of limonitized schist
chloritic layers, a lot of pyrite (s-sch)
green clay

STRATEGIC UNIT

SYMBOLIZED LOG

[illegible]

Hand-drawn sketch of a jagged, irregular line, possibly representing a coastline or a rough boundary. The line is drawn on a background of horizontal ruling lines. The sketch is located in the upper left portion of the page.

3 4 UN C BE SHOW

per

Scale: 1 cm

Binding on left

PH FOR E

n prob

[illegible]

UNITED STATES GOVERNMENT PRINTING OFFICE: 1964 O - 354-101

[illegible]

Scale: 1 cm
Drawing on left
DETAILS T

Hand line
O BE SHO

Unit

WEN NEAR

1	2	3	4	5	6	7	8	9	10	11	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	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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Scale: 1 cm = 100 m
 Drawing on left
 LIL TRACES

hand line

[illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible]

DRILL HOLE N° ALL-AT-172

VERTICAL SCALE 1:100

IMPORTANT

THIS IS A HALF SIZE REDUCTION FROM ORIGINAL.
VALUES OF ALL SCALES SHOWN MUST BE DIVIDED

DRILL HOLE NO.
ALL-AT-172

[illegible][illegible]

CO. COORDINATES { 80649 E
2025 N

COLLAR { MAG AZIMUTH 205°
DIP 60°

DRILLED DEPTH 51 m

WATER LEVELS metres	
WATER TABLE (first wet cuttings)	21 m
WHEN LOGGED	18.5
HYDROSTATIC	

DEPTH LOGGED 1			1. 47.6 m
DATE			12-8-87
LOGGING EQUIPMENT			T400
	PROBE N°	LOGGING SPEED m/min	
FUNCTION 1	SS-12-II (10S)	3	
FUNCTION 2	NaI (40A)	3	
FUNCTION 3			
FUNCTION 4			

NATURAL γ (NaI)	☒
ST 22 - 2T LOG	☐
SINGLE ELECT RES.	☐
SP LOG	☐
LATEROLOG 7 (For Res.)	☐
NEUTRON - NEUTRON	☐
DIGITIZED LINE	☐
RAWDATA	☐
STB-22-2T	☒
CALIPER	☐
DEVIATION SURVEY	☐

PROJECT Allamber
PROSPECT Dam
T R, AioPN* or ELs 4414

DRILLING CONTRACTOR GUD Drilling
 DRILL RIG _____
 START OF OPERATION 10-8-87
 END OF OPERATION 11-8-87

	FROM	TO	N	Notes
	17	49		Not active
	peak	at	38.5	900 Å

HOLE DIAMETER		
FROM	TO	φ mm
0	2.0	125
2.0	51	115

STRING/CASING (when <u>Not</u> logged)			
TYPE	FROM	TO	THICKNESS mm
w/ PVC	0	2.0	6
FLUID IN HOLE <u>water</u>		density 1.0	

AIR DRILLING	from	<u>0</u>	to	<u>51</u>	
MUD DRILLING	from	_____	to	_____	
CORING	{	from	_____	to	_____
		from	_____	to	_____
		from	_____	to	_____

CASING LEFT IN THE HOLE			
TYPE	FROM	TO	THICKNESS mm
or PVC	0	20	6

GAMMA LOGGING		
	NaI	9122-RT
TEST BEFORE	1280	1350
TEST AFTER		1370
BACKGROUND	30	
1 FACTOR	0.3652	0.72
DEAD TIME CORR.		

TOTAL RAC	
CUMULATED WIDTH 量 n'	
NUMBER OF INTERSECTIONS	
NOTE: n' DETERMINED AT THRESHOLD	

OPERATOR JE

CHECKED B

(Project Manager)

[illegible]

[illegible]

REMARKS.	<u>FILE NO.</u> 117 <u>DATE</u>

BEST INTERSECTIONS	FROM	TO	N'	NaI
		penik	474.6	
	or	26.2		1000 s/s

GAMMA LOGGING		
	NaI	BY 22-RT
TEST BEFORE	1280	
TEST AFTER	1300	
BACKGROUND	40	
1 FACTOR		
DEAD TIME CORR.		

TOTAL RAC	
CUMULATED WIDTH $\Sigma h'$	
NUMBER OF INTERSECTIONS	
NOTE: h' DETERMINED AT THRESHOLD	

BEST INTERSECTIONS	FROM	TO	N'	NaI
		penk	474.6	
	at	26.2		1000 s/s

NOTE: IN CORE HOLES, ALL DEPTHS
ARE RADIO-METRIC LOG DEPTHS.

DEAD TIME CORR.		
-----------------	--	--

OPERATOR JF

--	--	--	--	--

CHECKED BY _____

1000

	LITHOLOGICAL DESCRIPTION / MINERALIZATION
	granite, pink granite, quartz grains + clay " chert, limonitic + hematitic chert, dark grey + quartz vein " " chert, dark grey + quartz vein " "
	chert as above with some chlorite " as above + vugs with quartz crystals - silicified dolomite chert, varveous with chlorite, minor "
	schieist, graphitic, minor hematite " schist, hematite + graphitic " schist, graphitic + hematitic " as above with chert, dark grey " with pink granite " " "

	STRATIGRAPHIC UNIT
	SYNCHRONISMUS

[illegible][illegible]

[illegible][illegible]

CO-ORDINATES { 80678 E
20279 N

COLLAR { MAG AZIMUTH 220°
DIP 60°

DRILLED DEPTH 60m

HOLE DIAMETER		
FROM	TO	Ø mm
0	2.0	130
2.0	60.0	115

AIR DRILLING	from	0	to	60
MUD DRILLING	from		to	
CORING	{	from		to
		from		to
		from		to

LITHOLOGY _____ J.E _____

WATER LEVELS metres	
WATER TABLE (first wet cuttings)	47 m
WHEN LOGGED	38.4 m
HYDROSTATIC	

STRING/CASING (when <u>No</u> logged)			
TYPE	FROM	TO	THICKNESS mm
PVC	0	2	6
poly	0	60	4
FLUID IN HOLE <u>water</u> density <u>1.0</u>			

CASING LEFT IN THE HOLE			
TYPE	FROM	TO	THICKNESS mm
PVC	0	2	6

NOTE. IN CORE HOLES, ALL DEPTHS
ARE RADIOMETRIC LOG DEPTHS.

DEPTH LOGGED () <u>59.2</u> m		
DATE <u>14-8-87</u>		
LOGGING EQUIPMENT <u>T402</u>		
	PROBE N°	LOGGING SPEED m/min.
FUNCTION 1	<u>SS-72 (10s)</u>	<u>3</u>
FUNCTION 2	<u>MtI (15s)</u>	<u>3</u>
FUNCTION 3		
FUNCTION 4		

GAMMA LOGGING		
	<i>Nal</i>	SB22-2T
TEST BEFORE	1300	1370
TEST AFTER	1310	1330
BACKGROUND	38	
1 FACTOR	0.3852	0.72
DEAD TIME CORR.		

NATURAL γ (NaI)	☒
ST 22-2T LOG	☐
SINGLE ELECT. RES.	☐
SP LOG	☐
LATEROLOG 7 (Foc. Res.)	☐
NEUTRON-NEUTRON	☐
DIGITIZED LINE	☐
RAWDATA	☐
STS-22-2T	☒
CALIPER	☐
DEVIATION SURVEY	☐

TOTAL RAC	
CUMULATED WIDTH $\geq n^*$	
NUMBER OF INTERSECTIONS	
NOTE: n^* DETERMINED AT THRESHOLD	

PROJECT Allamber
PROSPECT Dam
T.W. ALPHE or EL 4414

DRILLING CONTRACTOR OLD Drilling
DRILL RIG _____
START OF OPERATION 13-8-87
END OF OPERATION 14-8-87

	FROM	TO	n'	NOT
BEST INTERSECTIONS	peak	at 57.8		2800 Å
	20	59.2		active

ALL-AT-113
REMARKS.

OPERATOR JF _____ CHECKED BY _____ (Protect Manager)

[illegible]

REMARKS.	

BEST INTERSECTIONS	FROM	TO	n'	NaI
		peak at	35.0	

CASING LEFT IN THE HOLE			
TYPE	FROM	TO	THICKNESS mm
11 PVC	0	2	6

NOTE. IN CORE HOLES, ALL DEPTHS

NOTE. IN CORE HOLES, ALL DEPTHS
ARE RADIOMETRIC LOG DEPTHS.

OPERATOR J.E.

CHECKED BY _____

STRATIGRAPHIC UNIT	SYMBOLIZED LOG

[illegible]

DRILL HOLE N° ALL-AT-177

VERTICAL SCALE 1:100

IMPORTANT

THIS IS A HALF SIZE REDUCTION FROM ORIGINAL.
VALUES OF ALL SCALES SHOWN MUST BE DOUBLED.

DRILL HOLE NO.
ALL-AT - 177

[illegible][illegible]

CO-ORDINATES { 80572 E
20290 N

COLLAR { MAG AZIMUTH 220°
DIP 60°

DRILLED DEPTH 80 m

WATER LEVELS metres	
WATER TABLE (first wet cuttings)	> 60 m
WHEN LOGGED	
HYDROSTATIC	

DEPTH LOGGED () <u>69.5</u> m		
DATE <u>18-8-87</u>		
LOGGING EQUIPMENT _____		
	PROBE №	LOGGING SPEED m/min.
FUNCTION 1		
FUNCTION 2		
FUNCTION 3		
FUNCTION 4		

NATURAL γ (NaI)	☒
ST 22 - ET LOG	☐
SINGLE ELECT RES.	☐
SP LOG	☐
LATEROLOG γ (Foc. Res.)	☐
NEUTRON - NEUTRON	☐
DIGITIZED LINE	☐
RAWDATA	☐
STS - 22	☐
	☐
CALIPER	☐
DEVIATION SURVEY	☐

PROJECT: Allamberg
PROSPECT: Dam
T R., ALOPH[®] or EL's: 4414

DRILLING CONTRACTOR GLD Drilling
 DRILL RIG _____
 START OF OPERATION 15-8-87
 END OF OPERATION _____

BEST INTERSECTIONS	FROM	TO	N'	NaI
		peak	59.5	
		71.0		480

REMARKS.

HOLE DIAMETER		
FROM	TO	g mm
0	2	120
2	60	115

STRING/CASING (when <u>Nat</u> logged)			
TYPE	FROM	TO	THICKNESS mm
u P.C.	0	2.0	6
	open hole		
FLUID IN HOLE _____ density _____			

GAMMA LOGGING		
	NaI	ST 22-ET
TEST BEFORE	1280	
TEST AFTER	1260	
BACKGROUND	40	
1 FACTOR		
DEAD TIME CORR.		

TOTAL RAC	
CUMULATED WIDTH $\Sigma h'$	
NUMBER OF INTERSECTIONS	
NOTE: h' DETERMINED AT THRESHOLD	

AIR DRILLING	from	0	to	60	
MUD DRILLING	from	_____	to	_____	
CORING	{	from	_____	to	_____
		from	_____	to	_____
		from	_____	to	_____

CASING LEFT IN THE HOLE			
TYPE	FROM	TO	THICKNESS in in
u PVC	0	2	6

NOTE. IN CORE HOLES, ALL DEPTHS
ARE RADIOLOGIC LOG DEPTHS

LITHOLOGY__

OPERATOR J.E

CHECKED B

(Project Manager

[illegible]

[illegible]

DRILL HOLE N° ALL-AT-179

VERTICAL SCALE 1:100

IMPORTANT

THIS IS A HALF SIZE REDUCTION FROM ORIGINAL.
VALUES OF ALL SCALES SHOWN MUST BE DOUBLED.

DRILL HOLE N°
ALL-AT-179

[illegible]

WATER LEVELS metres

WATER TABLE _____ none _____
(first wet cuttings)

WHEN LOGGED _____ none _____

HYDROSTATIC _____

STRING/CASING (when <u>No</u> logged)		
TYPE	FROM	TO THICKNESS mm.
44 PXC	0	2 6
poly.	0	61.5 4
FLUID IN HOLE <u>water</u> density <u>1.0</u>		

CASING LEFT IN THE HOLE			
TYPE	FROM	TO	THICKNESS mm
41 PYC	0	2	6

NATURAL γ (NaI)	☒
ST 22-2T LOG	☐
SINGLE ELECT RES	☐
SP LOG	☐
LATEROLOG T (Foc Res.)	☐
NEUTRON NEUTRON	☐
DIGITIZED LINE	☐
RAW DATA	☐
STS-22	☐
CALIPER	☐
DEVIATION SURVEY	☐

PROJECT Allamberg
PROSPECT Dam
T R , Atp P N° or E Ls 4414

DRILLING CONTRACTOR OLD Drilling
DRILL RIG _____
START OF OPERATION 16-8-87
END OF OPERATION 16-8-87

BEST INTERSECTIONS	FROM	TO	N	NaI
		45	60.8	
	at	48.5		1510
	at	59.9		1500

TOTAL RAC	
CUMULATED WIDTH $\Sigma h'$	
NUMBER OF INTERSECTIONS	
NOTE h' DETERMINED AT THRESHOLD	

GAMMA LOGGING		
	NaI	ST 22-2T
TEST BEFORE	1240	
TEST AFTER	1260	
BACKGROUND	34	
λ FACTOR		
DEAD TIME CORR		

NOTE. IN CORE HOLES, ALL DEPTHS
ARE RADIOMETRIC LOG DEPTHS

OPERATOR JE

CHECKED BY _____ (Project Manager)

[illegible]

STRATIGRAPHIC UNIT	SYMBOLIZED LOG

DEPTH	FUNCTION 1 <i>NaI</i>	FUNCTION 2 <i>NaI</i>	FUNCTION 3	FUNCTION 4
	Main Scale: 1 cm = 100 c/s Units	Main Scale: 1 cm = 300 c/s Units	Main Scale: 1 cm = Units	Main Scale: 1 cm = Units
	Reading on left-hand line 0	Reading on left-hand line 0	Reading on left-hand line	Reading on left-hand line

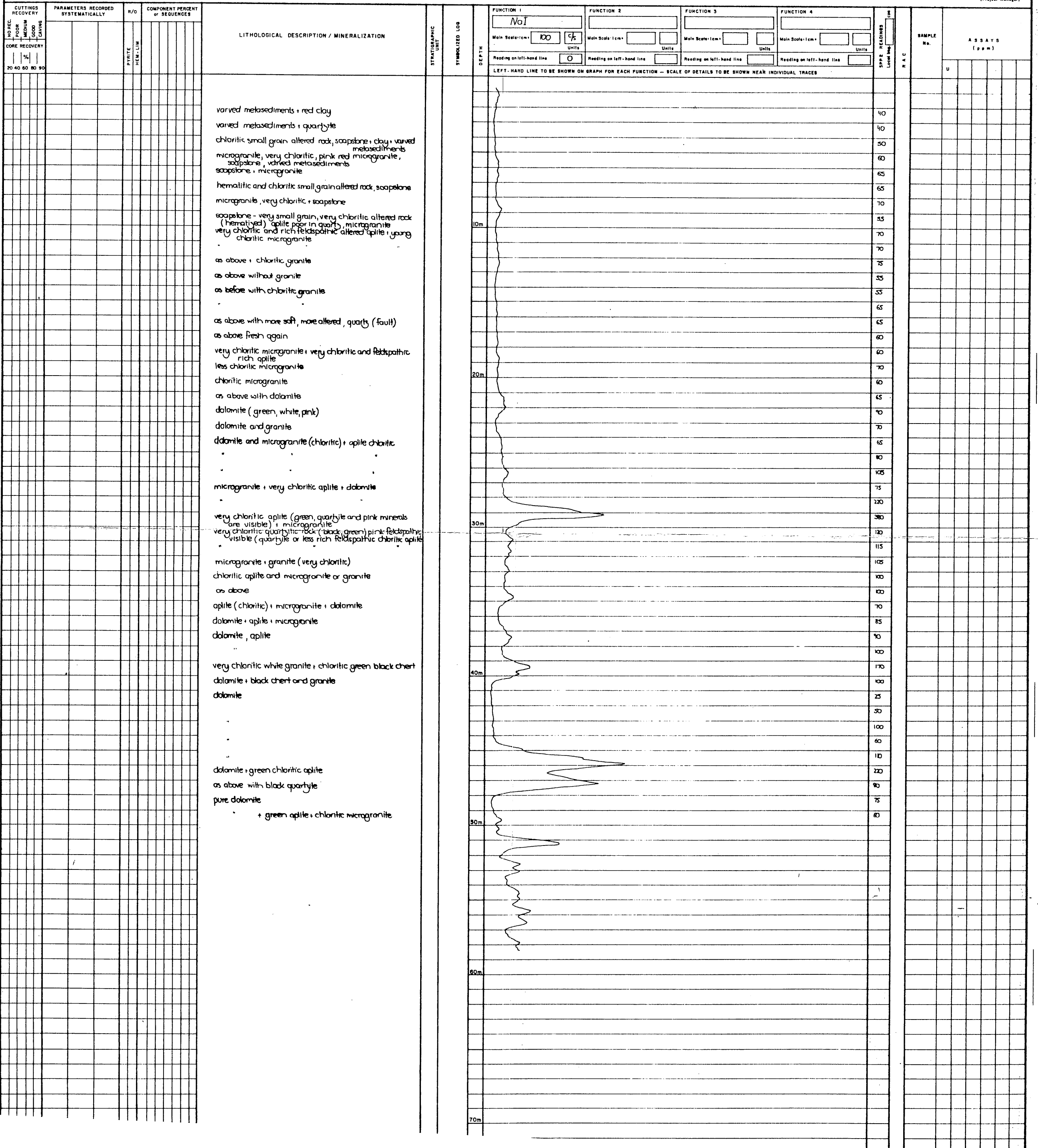
LEFT HAND LINE TO BE SHOWN ON GRAPH FOR EACH FUNCTION — SCALE OF DETAILS TO BE SHOWN NEAR INDIVIDUAL TRACES

function 1

function 2

[illegible]

ALL-AT-181	
REMARKS.	



[illegible][illegible]

CO ORDINATES { 80611 E
20527 N

GOLLAR { MAG AZIMUTH 220°
DIP 60°

DRILLED DEPTH 54.0 m

WATER LEVELS metres

WATER TABLE 43 m.....
(first wet outtings)

WHEN LOGGED no water.....

HYDROSTATIC

DEPTH LOGGED		518	m
DATE		19 8 87	
LOGGING EQUIPMENT		T 400	
	PROBE N°	LOGGING SPEED m/min	
FUNCTION 1	NaI (451)	3	
FUNCTION 2			
FUNCTION 3			
FUNCTION 4			

NATURAL: 3 (No 1)	☒
ST 22 2T LOG	☐
SINGLE ELECT RES	☐
SP LOG	☐
LATEROLOG 7 (Foc Res)	☐
NEUTRON - NEUTRON	☐
DIGITIZED LINE	☐
RAWDATA	☐
STS - 22	☐
CALIPER	☐
DEVIATION SURVEY	☐

PROJECT Allamberg
PROSPECT Dam.
T R. ALSPH⁹ OF ELK 4414

DRILLING CONTRACTOR QED Drilling
DRILL RIG
START OF OPERATION 17-8-87
END OF OPERATION 18-8-87

REMARKS.	

HOLE DIAMETER		
FROM	TO	ϕ mm
0	2.5	130
2.5	54.0	115

STRING/CASING (when <u>Not</u> logged)			
TYPE	FROM	TO	THICKNESS mm
uPVC	0	25	6
poly	0	540	4
FLUID IN HOLE		none	density

CASING LEFT IN THE HOLE			
TYPE	FROM	TO	THICKNESS mm
uPVC	0	25	6

GAMMA LOGGING		
	NaI	ST 22-2T
TEST BEFORE	1270	
TEST AFTER	1245	
BACKGROUND	29	
R FACTOR		
DEAD TIME CORR		

TOTAL RAC	
CUMULATED WIDTH $\Sigma N'$	
NUMBER OF INTERSECTIONS	
NOTE N' DETERMINED AT THRESHOLD	

BEST INTERSECTIONS	FROM	TO	N	Mile
	peak	44		70

AIR DRILLING	from	0	to	54	
MUD DRILLING	from	_____	to	_____	
CORING	{	from	_____	to	_____
		from	_____	to	_____
		from	_____	to	_____

CASING LEFT IN THE HOLE			
TYPE	FROM	TO	THICKNESS mm
uPVC	0	25	6

GAMMA LOGGING		
	NaI	ST 22-2T
TEST BEFORE	1270	
TEST AFTER	1245	
BACKGROUND	29	
R FACTOR		
DEAD TIME CORR		

TOTAL RAC	
CUMULATED WIDTH $\Sigma N'$	
NUMBER OF INTERSECTIONS	
NOTE N' DETERMINED AT THRESHOLD	

BEST INTERSECTIONS	FROM	TO	N	Mile
	peak	44		70

LITHOLOGY O.T

NOTE. IN CORE HOLES, ALL DEPTHS
ARE RADIOMETRIC LOG DEPTHS

OPERATOR JE

CHECKED BY _____

(Project Manager)

[illegible]

DRILL HOLE N°
ALL-AT-183

function 1

function 2

DRILL HOLE N° ALL-AT-184

VERTICAL SCALE 1:100

IMPORTANT

THIS IS A HALF SIZE REDUCTION FROM ORIGINAL.
VALUES OF ALL SCALES SHOWN MUST BE DOUBLED.

DRILL HOLE N°
ALL-AT-184

GEOLOGY REFERENCE	
	1. _____
	2. _____
	3. _____
	4. _____
	5. _____
	6. _____
	7. _____
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	10. _____
	11. _____
	12. _____
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	54. _____
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	58. _____
	59. _____
	60. _____
	61. _____
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	68. _____
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	85. _____
	86. _____
	87. _____
	88. _____
	89. _____
	90. _____
	91. _____
	92. _____
	93. _____
	94. _____
	95. _____
	96. _____
	97. _____
	98. _____
	99. _____
	100. _____

[illegible]

CO-ORDINATES { 80612 E
20288 N

COLLAR { MAG AZIMUTH 222°
DIP 60°

DRILLED DEPTH 51m

WATER LEVELS metres	
WATER TABLE (first wet cuttings)	50 m
WHEN LOGGED	none
HYDROSTATIC	

DEPTH LOGGED (			50.2	m
DATE			21.8.87	
LOGGING EQUIPMENT			T400	
	PROBE N°	LOGGING SPEED m/min		
FUNCTION 1	NaI (451)	3		
FUNCTION 2				
FUNCTION 3				
FUNCTION 4				

NATURAL γ (No1)	☒
ST22 - 2T LOG	☐
SINGLE ELECT RES.	☐
SP LOG	☐
LATEROLOG 7 (Foc Res)	☐
NEUTRON - NEUTRON	☐
DIGITIZED LINE	☐
RAWDATA	☐
STS - 22	☐
CALIPER	☐
DEVIATION SURVEY	☐

PROJECT Allamberg
PROSPECT Dam
T R, AIO PH or EL's 4414

DRILLING CONTRACTOR QUD Drilling
 DRILL RIG _____
 START OF OPERATION 19-8-87
 END OF OPERATION 19-8-87

2. <u>Remarks.</u>		3. <u>W. S.</u>	4. <u>W. S.</u>

HOLE DIAMETER		
FROM	TO	Ø mm
0	2.0	125
2.0	Ø1	

STRING/CASING (when _____ logged)			
TYPE	FROM	TO	THICKNESS mm
PVC	0	2	6
poly	0	50	4

FLUID IN HOLE _____ density _____

GAMMA LOGGING		
	NaI	ST 22-2T
TEST BEFORE	1320	
TEST AFTER	1250	
BACKGROUND	27	
R FACTOR		
DEAD TIME CORR.		

TOTAL RAC	
CUMULATED WIDTH $\geq h'$	
NUMBER OF INTERSECTIONS	
NOTE: h' DETERMINED AT THRESHOLD	

BEST INTERSECTIONS	FROM	TO	N°	MoI
	peak	of 48.7		
	of 37.9			1810
	21.5 to 50.2			v. high b. c. 1800

AIR DRILLING	from	<u>0</u>	to	<u>51</u>	
MUD DRILLING	from	_____	to	_____	
CORING	{	from	_____	to	_____
		from	_____	to	_____
		from	_____	to	_____

CASING LEFT IN THE HOLE			
TYPE	FROM	TO	THICKNESS mm
M.PVC	0	2	6

NOTE. IN CORE HOLES, ALL DEPTHS
ARE RADIO-METRIC LOG DEPTHS

OPERATOR JE

CHECKED BY _____

[illegible]

_____ (Printed Name)

DRILL HOLE N° ALL-AT-186

VERTICAL SCALE 1:100

IMPORTANT

THIS IS A HALF SIZE REDUCTION FROM ORIGINAL.
VALUES OF ALL SCALES SHOWN MUST BE DOUBLED.

DRILL HOLE N°
ALL-AT-186

[illegible][illegible]

CO-ORDINATES { 70536 E
70323 N

COLLAR { MAG AZIMUTH 220°
DIP 60°

DRILLED DEPTH 61.5 m

WATER LEVELS metres	
WATER TABLE (first wet cuttings)	none
WHEN LOGGED	none
HYDROSTATIC	

DEPTH LOGGED () <u>60-2</u> m		
DATE <u>22-8-87</u>		
LOGGING EQUIPMENT <u>T400</u>		
	PROBE NO	LOGGING SPEED m/min
FUNCTION 1	<u>NaI (451)</u>	<u>3</u>
FUNCTION 2	<u>572-TT(428)</u>	<u>1</u>
FUNCTION 3		
FUNCTION 4		

NATURAL γ (NoT)	☒
ST22-2T LOG	☒
SINGLE ELECT RES.	☐
SP LOG	☐
LATEROLOG 7 (Foc. Res.)	☐
NEUTRON - NEUTRON	☐
DIGITIZED LINE	☐
RAWDATA	☐
STS-22	☐
CALIPER	☐
DEVIATION SURVEY	☐

PROJECT Allamber
PROSPECT Dam
T R., Ato PM^o or EL's 4414

DRILLING CONTRACTOR GLD Drilling

DRILL RIG _____

START OF OPERATION 20-8-87

END OF OPERATION 21-8-87

BEST INTERSECTIONS	FROM	TO	h'	NaI	ST
		Peak at 49.0			7700
	32	35	active		

HOLE DIAMETER		
FROM	TO	ϕ mm
0	2.5	130
2.5	61.5	115

STRING/CASING (when <u>Not</u> logged)			
TYPE	FROM	TO	THICKNESS mm
w PVC	0	2.5	6
poly	0	61.5	4
FLUID IN HOLE 0 density			

CASING LEFT IN THE HOLE			
TYPE	FROM	TO	THICKNESS mm
PVC	0	2.5	6

GAMMA LOGGING		
	NaI	ST 22-2T
TEST BEFORE	1250	53
TEST AFTER	1270	53
BACKGROUND	57	
B FACTOR		
DEAD TIME CORR.		

TOTAL RAC	
CUMULATED WIDTH $\Sigma h'$	
NUMBER OF INTERSECTIONS	
NOTE h' DETERMINED AT THRESHOLD	

AIR DRILLING	from	<u>0</u>	to	<u>61.5</u>	
MUD DRILLING	from	<u> </u>	to	<u> </u>	
CORING	{	from	<u> </u>	to	<u> </u>
		from	<u> </u>	to	<u> </u>
		from	<u> </u>	to	<u> </u>

NOTE. IN CORE HOLES, ALL DEPTHS
ARE RADIO-METRIC LOG DEPTHS.

[illegible]

LITHOLOGICAL DESCRIPTION / MINERALIZATION	STRATIGRAPHIC UNIT	SYMBOLIZED LOG
clay + b. g. a., clay very hem. could be weathered granite quartzite + metasediment as above + clay + quartzite + metasediment, clay may be from granite clay + a. + metasediment, very limonitic + hematitic " " " " " " clay (very hematitic) + quartzite and metasediment quartzite, clay, metasediment quartzite, metasediment quartzite and metasediment + some black schist + clay quartzite, black schist, hematitic + clay " " " as above, black green quartzite and hematized micro granite, dolomite + black shales dolomite + microgranite + calcite + sericitic chloritic dolomite " " + silicified dolomite dolomite + a lot of calcite dolomite, b. g. p. w., hematized chloritized " " " " " " " " " very thin grain samples of dolomite as above + a lot of microgranite samples " " " dolomite + microgranite dolomite + metasediment + black chert dolomite, black chert or slates + metasediment " " " graphitic black slates + dolomite interbedded (some small layers) black chert + dolomite (very little) quartzitic but soft rock + dolomite and black slate black slate + graphitic + some limonite as above with more quartzite graphitic and chloritic black chert black slates + some dolomitic sericitic interbeds " " " " " " " " " graphitic rich schist + some small veinlets of green chlorite quartz + feldspathic rock + black green chloritic clay and hematitic chips. " " " " " " " " "		

FUNCTION 1		FUNCTION 2		FUNCTION 3		FUNCTION 4	
NaI		NaI		57 22-27			
Main Scale/cm	100	Main Scale/cm	500	Main Scale/cm	20	Main Scale/cm	
Units	1/s	Units	1/s	Units	1/s	Units	
Reading on left-hand line	0	Reading on left-hand line	0	Reading on left-hand line	0	Reading on left-hand line	

LEFT-HAND LINE TO BE SHOWN ON GRAPH FOR EACH FUNCTION — SCALE OF DETAILS TO BE SHOWN NEAR INDIVIDUAL TRACES

DEPTH

10m

20m

30m

40m

50m

60m

function 1

function 2

function 3

SPR READINGS

Local Mag

100

200

240

280

320

360

400

440

480

520

560

600

640

680

720

760

800

840

880

920

960

1000

1040

1080

1120

1160

1200

[illegible]

DRILL HOLE N° ALL-AT-187

VERTICAL SCALE 1:100

IMPORTANT
THIS IS A HALF SIZE REDUCTION OF ALL
VALUES OF ALL SCALES SHOWN ON DRAWING

DRILL HOLE N°
ALL-AT-187

[illegible][illegible]

CO-ORDINATES { 80536 E
20345 N

COLLAR { MAG AZIMUTH 175°
DIP 60°

DRILLED DEPTH 41 m

WATER LEVELS metres	
WATER TABLE (first wet cuttings)	_____
WHEN $\bar{y}$ LOGGED	_____
HYDROSTATIC	_____

DEPTH LOGGED () <u>38.8</u> m		
DATE <u>23.8.87</u>		
LOGGING EQUIPMENT <u>T400</u>		
	PROBE N°	LOGGING SPEED m/min
FUNCTION 1	MoI (451)	3
FUNCTION 2		
FUNCTION 3		
FUNCTION 4		

NATURAL γ (NaI)	☒
ST 22 - 2T LOG	☐
SINGLE ELECT RES	☐
5 P LOG	☐
LATEROLOG 7 (Foc Res.)	☐
NEUTRON - NEUTRON	☐
DIGITIZED LINE	☐
RAWDATA	☐
STS - 22	☐
	☐
CALIPER	☐
DEVIATION SURVEY	☐

PROJECT Allamber
PROSPECT Dam
T R, A10PHN or E.L. 4414

DRILLING CONTRACTOR OLD Drilling

DRILL RIG _____

START OF OPERATION 21-8-87

END OF OPERATION _____

[illegible]

REMARKS.	

HOLE DIAMETER		
FROM	TO	ϕ mm
0	2.0	130
2.0	41.0	115

STRING/CASING (when <u>NaI</u> logged)			
TYPE	FROM	TO	THICKNESS mm
w. PVC	0	2.0	6
poly	0	4.0	4
FLUID IN HOLE		air	density

AIR DRILLING	from	0	to	41
MUD DRILLING	from		to	
		from	to	
CORING		from	to	
		from	to	

CASING LEFT IN THE HOLE			
TYPE	FROM	TO	THICKNESS mm

GAMMA LOGGING		
	NaI	ST 22-2T
TEST BEFORE	1290	
TEST AFTER	1310	
BACKGROUND	50	
1 FACTOR		
DEAD TIME CORR.		

TOTAL RAC	
CUMULATED WIDTH ΣW	
NUMBER OF INTERSECTIONS	
NOTE N' DETERMINED AT THRESHOLD	

NOTE. IN CORE HOLES, ALL DEPTHS
ARE RADIOMETRIC LOG DEPTHS

OPERATOR _____ CHECKED BY _____ [Driver's Manager]

[illegible]

TOTAL Mining Australia Pty.Limited

DRILL HOLE N° ALL-AT-189
VERTICAL SCALE 1:100

IMPORTANT
THIS IS A HALF SIZE REDUCTION FROM ORIGINAL
VALUES OF ALL SCALES SHOWN MUST BE DOUBLED.

DRILL HOLE N°
ALL-AT-189

GEOLOGY REFERENCE

DEVIATION SURVEY

DEPTH

MAGAZIMUTH

DIP

Collar

CO-ORDINATES

8556 E

2067 N

COLLAR

MAG AZIMUTH

173°

DIP

60°

DRILLED DEPTH

60 m

HOLE DIAMETER

FROM

TO

g mm

0

2.0

150

2.0

60.0

115

AIR DRILLING

from 0 to 60

MUD DRILLING

from to

CORING

from to

LITHOLOGY

SH

WATER LEVELS metres

WATER TABLE

47 m

WHEN LOGGED

0908

HYDROSTATIC

STRING/CASING (when logged)

TYPE

FROM

TO

THICKNESS mm

W.PVC

0

2

6

POLY

0

60

4

CASING LEFT IN THE HOLE

TYPE

FROM

TO

THICKNESS mm

W.PVC

0

2

6

POLY

0

60

4

NOTE: IN CORE HOLES, ALL DEPTHS ARE RADIO-METRIC LOG DEPTHS

DEPTH LOGGED

58.7 m

DATE

25.8.87

LOGGING EQUIPMENT

T400

PROBE N°

LOGGING SPEED

FUNCTION 1

NaI (451)

3

FUNCTION 2

FUNCTION 3

FUNCTION 4

GAMMA LOGGING

TEST BEFORE

1310

TEST AFTER

1320

BACKGROUND

55

3 FACTOR

DEAD TIME CORR.

NATURAL γ (H₂O)

☒

BT 22 - BT LOG

☐

SINGLE ELECT RES

☐

S.P. LOG

☐

LATEROLOG 7 (For Res)

☐

NEUTRON - NEUTRON

☐

DIGITIZED LINE

☐

RAW DATA

☐

BT 22

☐

CALIPER

☐

DEVIATION SURVEY

☐

TOTAL RAC

CUMULATED WIDTH g s

NUMBER OF INTERSECTIONS

NOTE: s° DETERMINED AT THRESHOLD

PROJECT

Allomber

PROSPECT

Dam

T.R. ATOPHT or ELV

4414

DRILLING CONTRACTOR

Q.D. Drilling

DRILL RIG

Ingersoll Rand

START OF OPERATION

25.8.87

END OF OPERATION

25.8.87

FROM

TO

s

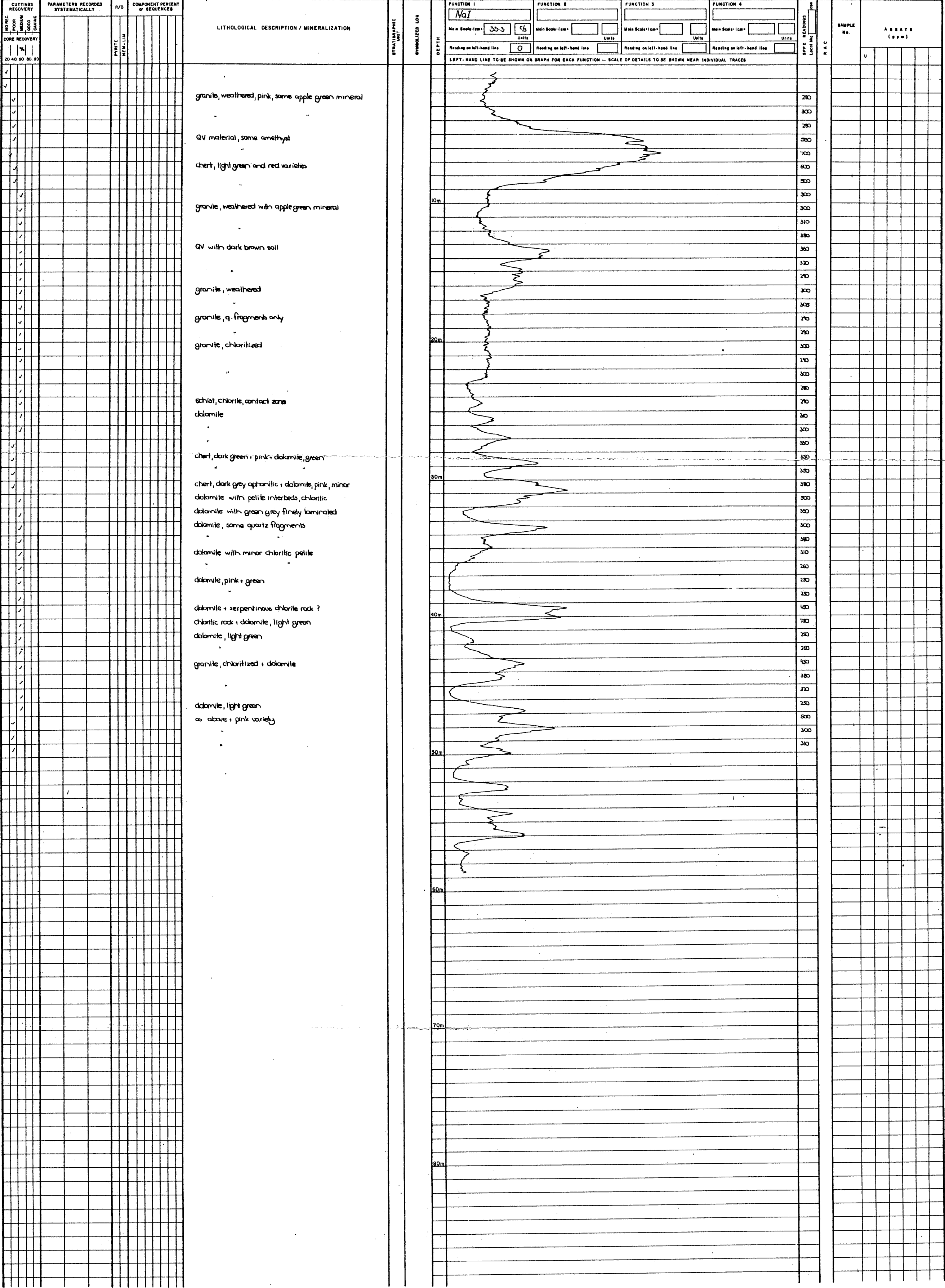
NaI

peak at 7m

500

REMARKS

OPERATOR J.E. CHECKED BY (Project Manager)



DRILL HOLE N°:
A11-AT-190

(Project Manager)

[illegible]

TOTAL Mining Australia Pty.Limited

DRILL HOLE N° **ALL-AT-192**

VERTICAL SCALE = 100

IMPORTANT

**THIS IS A HALF SIZE REDUCTION FROM ORIGINAL.
VALUES OF ALL SCALES SHOWN MUST BE DOUBLED.**

DRILL HOLE N°
AL-AT-192

[illegible][illegible]

CO. ORDINATES { 7050 E
2051 N

COLLAR { MAG AZIMUTH 219°
DIP - 60°

DRILLED DEPTH 60°

HOLE DIAMETER		
FROM	TO	g/mm
0	2	130
2	60	115

AIR DRILLING from 0 to 60
MUD DRILLING from _____ to _____
CORING { from _____ to _____
 { from _____ to _____
 { from _____ to _____

LITHOLOGY _____ S.M.

WATER LEVELS metres	
WATER TABLE (first wet cuttings)	/
WHEN $\bar{y}$ LOGGED	
HYDROSTATIC	

STRING/CASING (when <u>Not</u> logged)			
TYPE	FROM	TO	THICKNESS mm
PVC	0	2	6
poly	0	60	4
FLUID IN HOLE		air	density

TYPE	FROM	TO	THICKNESS mm
PVC	0	2	6
poly	0	60	4

NOTE. IN CORE HOLES, ALL DEPTHS
ARE RADIOMETRIC LOG DEPTHS

DEPTH LOGGED		NaI	41.2	m
DATE		27-8-87		
LOGGING EQUIPMENT		T400		
	PROBE NO	LOGGING SPEED m/min		
FUNCTION 1	NaI (451)	3		
FUNCTION 2				
FUNCTION 3				
FUNCTION 4				

GAMMA LOGGING		
	NaI	ST 22-21
TEST BEFORE	1250	
TEST AFTER	1320	
BACKGROUND	28	
K FACTOR		
DEAD TIME CORR		

NATURAL γ (NaI)	☒
ST 22 - 2T LOG	☐
SINGLE ELECT RES	☐
SP LOG	☐
LATEROLOG 7 (Foc Res)	☐
NEUTRON - NEUTRON	☐
DIGITIZED LINE	☐
RAWDATA	☐
STS - 22	☐
CALIPER	☐
DEVIATION SURVEY	☐

TOTAL RAC	
CUMULATED WIDTH Σh	
NUMBER OF INTERSECTIONS	
NOTE h DETERMINED AT THRESHOLD	

PROJECT *Allamaber*
PROSPECT *Dam*
T R , A10PNO OF ELs *44/4*

DRILLING CONTRACTOR QLD Drilling
DRILL RIG Ingersoll Rand

START OF OPERATION 26-8-87
END OF OPERATION 26-8-87

BEST INTERSECTIONS	FROM	TO	N	
	21	26.8		700
	21	37.7		700
	33	41		active

REMARKS

OPERATOR J.E

CHECKED BY

(Project Manager

[illegible]

THIS IS A HALF SIZE REDUCTION FROM ORIGINAL.
VALUES OF ALL SCALES SHOWN MUST BE DOUBLED.

CHECKED BY _____
(Project Manager)

CUTTINGS RECOVERY		PARAMETERS RECORDED SYSTEMATICALLY		R/O		COMPONENT PERCENT OF SEQUENCES		LITHOLOGICAL DESCRIPTION / MINERALIZATION		STRATIGRAPHIC UNIT		SYMBOLIZED LOG		FUNCTION 1				FUNCTION 2				FUNCTION 3				FUNCTION 4				SPR. READINGS		SAMPLE No.		ASSAYS (ppm)	
NO REC.	FOR	NO REC.	FOR	NO REC.	FOR	NO REC.	FOR																												
100	100	100	100	100	100	100	100																												
20	40	60	80	90	20	40	60	80	90																										
CORE RECOVERY		CORE RECOVERY		CORE RECOVERY		CORE RECOVERY		CORE RECOVERY		CORE RECOVERY		CORE RECOVERY		CORE RECOVERY		CORE RECOVERY		CORE RECOVERY		CORE RECOVERY		CORE RECOVERY		CORE RECOVERY		CORE RECOVERY		CORE RECOVERY							
20		40		60		80		90		20		40		60		80		90		20		40		60		80		90							
20		40		60		80		90		20		40		60		80		90		20		40		60		80		90							
20		40		60		80		90		20		40		60		80		90		20		40		60		80		90							
20		40		60		80		90		20		40		60		80		90		20		40		60		80		90							
20		40		60		80		90		20		40		60		80		90		20		40		60		80		90							
20		40		60		80		90		20		40		60		80		90		20		40		60		80		90							
20		40		60		80		90		20		40		60		80		90		20		40		60		80		90							
20		40		60		80		90		20		40		60		80		90		20		40		60		80		90							
20		40		60		80		90		20		40		60		80		90		20		40		60		80		90							
20		40		60		80		90		20		40		60		80		90		20		40		60		80		90							
20		40		60		80		90		20		40		60		80		90		20		40		60		80		90							
20		40		60		80		90		20		40		60		80		90		20		40		60		80		90							
20		40		60		80		90		20		40		60		80		90		20		40		60		80		90							
20		40		60		80		90		20		40		60		80		90		20		40		60		80		90							
20		40		60		80		90		20		40		60		80		90		20		40		60		80		90							
20		40		60		80		90		20		40		60		80		90		20		40		60		80		90							
20		40		60		80		90		20		40		60		80		90		20		40		60		80		90							
20		40		60		80		90		20		40		60		80		90		20		40		60		80		90							
20		40		60		80		90		20		40		60		80		90		20		40		60		80		90							
20		40		60		80		90		20		40		60		80		90		20		40		60		80		90							
20		40		60		80		90		20		40		60		80		90		20		40		60		80		90							
20		40		60		80		90		20																									

REMARKS.	

(Project Manager)

[illegible]

TOTAL Mining Australia Pty.Limited

DRILL HOLE № ALL-P-160

VERTICAL SCALE 1:100

IMPORTANT

THIS IS A HALF SIZE REDUCTION FROM ORIGINAL.
VALUES OF ALL SCALES SHOWN MUST BE DOUBLED.

DRILL HOLE NO.
ALL - P - 160

[illegible][illegible]

CO-ORDINATES { 81185 E
19243 N

COLLAR { MAG AZIMUTH _____
DIP _____

DRILLED DEPTH 48 m

WATER LEVELS metres	
WATER TABLE (first wet cuttings)	34 m
WHEN P-LOGGED	16.0 m
HYDROSTATIC	

DEPTH LOGGED () 44.6 m		
DATE 29-6-87		
LOGGING EQUIPMENT T400		
	PROBE NO	LOGGING SPEED m/min.
FUNCTION 1	NaI (451)	
FUNCTION 2		
FUNCTION 3		
FUNCTION 4		

NATURAL γ (NoI)	☒
STRZ-ET LOG	☐
SINGLE ELECT RES	☐
SP LOG	☐
LATEROLOG 7 (Foc.Res.)	☐
NEUTRON - NEUTRON	☐
DIGITIZED LINE	☐
RAWDATA	☐
STS-22	☐
CALIPER	☐
DEVIATION SURVEY	☐

PROJECT Allamber
PROSPECT Twin
T. R., Atpm^o of E.L.'s 4414

DRILLING CONTRACTOR GID Drilling
DRILL RIG Stelger
START OF OPERATION 29-6-87
END OF OPERATION 29-6-87

ALL - P - 160
REMARKS.
hole abandoned

HOLE DIAMETER		
FROM	TO	mm

STRING/CASING (when <u>No</u> logged)			
TYPE	FROM	TO	THICKNESS <u>in</u>
<u>PVC</u>	<u>0</u>	<u>1.5</u>	<u>6.0</u>
<u>Poly</u>	<u>0</u>	<u>48</u>	<u>3.5</u>
FLUID IN HOLE <u>water</u> density <u>1.0</u>			

AIR DRILLING	from _____ to _____
MUD DRILLING	from _____ to _____
CORING	{ from _____ to _____
	{ from _____ to _____
	{ from _____ to _____

CASING LEFT IN THE HOLE			
TYPE	FROM	TO	THICKNESS IN
u PVC	0	1.5	6.0

GAMMA LOGGING		
		BT 22-27
TEST BEFORE	1300	
TEST AFTER	1300	
BACKGROUND	62	
k FACTOR		
DEAD TIME CORR.		

TOTAL RAC	
CUMULATED WIDTH $\Sigma n'$	
NUMBER OF INTERSECTIONS	
NOTE: n' DETERMINED AT THRESHOLD	

[illegible]LITHOLOGY JE

ARE RADIOMETRIC LOG DEPTHS.

OPERATOR JF

CHECKED BY _____

[illegible]

[illegible]

VERTICAL SCALE 1:100

**THIS IS A HALF SIZE REDUCTION FROM ORIGINAL.
VALUES OF ALL SCALES SHOWN MUST BE DOUBLED.**

DRILL HOLE NO.
ALL-P-180

GEOLOGY REFERENCE		DEVIATION SURVEY		
1		DEPTH	MAGAZINE/DATE	DIP
2		Cutter		
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
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72				
73				

CO. COORDINATES { 81079 E
19114 N

COLLAR { MAG AZIMUTH 085°
DIP 60°

DRILLED DEPTH 90 m

WATER LEVELS metres	
WATER TABLE (first wet cuttings)	48 m
WHEN LOGGED	
HYDROSTATIC	

DEPTH LOGGED () <u>88.4</u> m		
DATE <u>18-8-87</u>		
LOGGING EQUIPMENT <u>T 400</u>		
	PROBE NO	LOGGING SPEED m/min.
FUNCTION 1	NaI (451)	
FUNCTION 2		
FUNCTION 3		
FUNCTION 4		

NATURAL γ (NaI)	☒
ST 22-2Y LOG	☐
SINGLE ELECT. RES.	☐
S P LOG	☐
LATEROLOG 7 (Foc. Res.)	☐
NEUTRON - NEUTRON	☐
DIGITIZED LINE	☐
RAWDATA	☐
STS-22	☐
.....	☐
CALIPER	☐
DEVIATION SURVEY	☐

PROJECT Allamber
PROSPECT Twin
T.R., Ato PN^o or EL's 4414

DRILLING CONTRACTOR G.D. Drilling
DRILL RIG Deiger
START OF OPERATION 16-8-87
END OF OPERATION 17-8-87

HOLE DIAMETER		
FROM	TO	ϕ mm
0	2.5	80
2.5	90	115

STRING/CASING (when <u>No</u> logged)			
TYPE	FROM	TO	THICKNESS mm
PVC	0	2.5	6
FILLING IN HOLE water density			

AIR DRILLING	from	0	to	90
MUD DRILLING	from		to	
CORING	{	from		to
		from		to
		from		to

CASING LEFT IN THE HOLE			
TYPE	FROM	TO	THICKNESS mm

GAMMA LOGGING		
	NaI	ST 22-2T
TEST BEFORE	1780	
TEST AFTER	1320	
BACKGROUND	65	
1 FACTOR		
DEAD TIME CORR.		

TOTAL RAC	
CUMULATED WIDTH @ h'	
NUMBER OF INTERSECTIONS	
NOTE: h' DETERMINED	

BEST INTERACTIONS	FROM	TO	N	NaI
		peak	at 58.5	
		at 32.2		1350
	9	34		active
	55	65		"

LITHOLOGY

OPERATOR _____ J.E

CHECKED ☒

(Project Manager)

CUTTINGS RECOVERY				PARAMETERS RECORDED SYSTEMATICALLY				R/O		COMPONENT PERCENT OF SEQUENCES		LITHOLOGICAL DESCRIPTION / MINERALIZATION		STRATIGRAPHIC UNIT		SYMBOLIZED LOG		FUNCTION 1				FUNCTION 2				FUNCTION 3				FUNCTION 4				DEPTH		SAMPLE No.		ASSAYS (ppm)			
NO REC. FROM CUTTING				RECOVERY				PERCENT		PERCENT								Main Scale: 1cm =				Main Scale: 1cm =				Main Scale: 1cm =				Main Scale: 1cm =				DEPTH		SAMPLE No.		ASSAYS (ppm)			
20 40 60 80 90				20 40 60 80 90				20 40 60 80 90		20 40 60 80 90								c/s				c/s				c/s				c/s				DEPTH		SAMPLE No.		ASSAYS (ppm)			
20 40 60 80 90				20 40 60 80 90				20 40 60 80 90		20 40 60 80 90								c/s				c/s				c/s				c/s				DEPTH		SAMPLE No.		ASSAYS (ppm)			
20 40 60 80 90				20 40 60 80 90				20 40 60 80 90		20 40 60 80 90								c/s				c/s				c/s				c/s				DEPTH		SAMPLE No.		ASSAYS (ppm)			
20 40 60 80 90				20 40 60 80 90				20 40 60 80 90		20 40 60 80 90								c/s				c/s				c/s				c/s				DEPTH		SAMPLE No.		ASSAYS (ppm)			
20 40 60 80 90				20 40 60 80 90				20 40 60 80 90		20 40 60 80 90								c/s				c/s				c/s				c/s				DEPTH		SAMPLE No.		ASSAYS (ppm)			
20 40 60 80 90				20 40 60 80 90				20 40 60 80 90		20 40 60 80 90								c/s				c/s				c/s				c/s				DEPTH		SAMPLE No.		ASSAYS (ppm)			
20 40 60 80 90				20 40 60 80 90				20 40 60 80 90		20 40 60 80 90								c/s				c/s				c/s				c/s				DEPTH		SAMPLE No.		ASSAYS (ppm)			
20 40 60 80 90				20 40 60 80 90				20 40 60 80 90		20 40 60 80 90								c/s				c/s				c/s				c/s				DEPTH		SAMPLE No.		ASSAYS (ppm)			
20 40 60 80 90				20 40 60 80 90				20 40 60 80 90		20 40 60 80 90								c/s				c/s				c/s				c/s				DEPTH		SAMPLE No.		ASSAYS (ppm)			
20 40 60 80 90				20 40 60 80 90				20 40 60 80 90		20 40 60 80 90								c/s				c/s				c/s				c/s				DEPTH		SAMPLE No.		ASSAYS (ppm)			
20 40 60 80 90				20 40 60 80 90				20 40 60 80 90		20 40 60 80 90								c/s				c/s				c/s				c/s				DEPTH		SAMPLE No.		ASSAYS (ppm)			
20 40 60 80 90				20 40 60 80 90				20 40 60 80 90		20 40 60 80 90								c/s				c/s				c/s				c/s				DEPTH		SAMPLE No.		ASSAYS (ppm)			
20 40 60 80 90				20 40 60 80 90				20 40 60 80 90		20 40 60 80 90								c/s				c/s				c/s				c/s				DEPTH		SAMPLE No.		ASSAYS (ppm)			
20 40 60 80 90				20 40 60 80 90				20 40 60 80 90		20 40 60 80 90								c/s				c/s				c/s				c/s				DEPTH		SAMPLE No.		ASSAYS (ppm)			
20 40 60 80 90				20 40 60 80 90				20 40 60 80 90		20 40 60 80 90								c/s				c/s				c/s				c/s				DEPTH		SAMPLE No.		ASSAYS (ppm)			
20 40 60 80 90				20 40 60 80 90				20 40 60 80 90		20 40 60 80 90								c/s				c/s				c/s				c/s				DEPTH		SAMPLE No.		ASSAYS (ppm)			
20 40 60 80 90				20 40 60 80 90				20 40 60 80 90		20 40 60 80 90								c/s				c/s				c/s				c/s				DEPTH		SAMPLE No.		ASSAYS (ppm)			
20 40 60 80 90				20 40 60 80 90				20 40 60 80 90		20 40 60 80 90								c/s				c/s				c/s				c/s				DEPTH		SAMPLE No.		ASSAYS (ppm)			
20 40 60 80 90				20 40 60 80 90				20 40 60 80 90		20 40 60 80 90								c/s				c/s				c/s				c/s				DEPTH		SAMPLE No.		ASSAYS (ppm)			
20 40 60 80 90				20 40 60 80 90				20 40 60 80 90		20 40 60 80 90								c/s				c/s				c/s				c/s				DEPTH		SAMPLE No.		ASSAYS (ppm)			
20 40 60 80 90				20 40 60 80 90				20																																	

NOTE. IN CORE HOLES, ALL DEPTHS ARE RADIOMETRIC LOG DEPTHS.

[illegible]

[illegible]

VERTICAL SCALE 1:100

VERTICAL SCALE 1:100

**THIS IS A HALF SIZE REDUCTION FROM ORIGINAL.
VALUES OF ALL SCALES SHOWN MUST BE DOUBLED.**

DRILL HOLE NO.
ALL P.D. 158

[illegible][illegible]

CO-ORDINATES { X 81295 E
Y 19217 N
Z _____

COLLAR { MAG AZIMUTH 85°
DIP 60°

DRILLED DEPTH 60m

HOLE DIAMETER		
FROM	TO	ϕ mm
0	1.3	125
1.3	22	115
22	60	100

AIR DRILLING	from	0	to	22	
MUD DRILLING	from		to		
CUTTING	{	from	22	to	60
		from		to	
		from		to	

LITHOLOGY _____ SM

WATER LEVELS metres

WATER TABLE 18 m
(first wet outtings)

WHEN FLOODED 11 m

HYDROSTATIC _____

STRING/CASING (where <u>not</u> _____, _____ and _____)		
TYPE	FROM	TO
PVC	0	1.5
THICKNESS in in		
		6
FLUID IN HOLE _____ density _____		

TYPE	FROM	TO	THICKNESS mm
PVC	0	1.5	6

ARE RADIONETRIC LOG DEPTH.

DEPTH LOGGED (NATURAL Y): <u>55.6</u> "		
DATE <u>25.6.87</u> + <u>26.6.87</u>		
LOGGING EQUIPMENT <u>7400</u>		
	PROBE N°	LOGGING SPEED m/min.
FUNCTION 1	451	3
FUNCTION 2		
FUNCTION 3		
FUNCTION 4		

GAMMA LOGGING		
	No I	ST 22-ST
TEST BEFORE	1250	
TEST AFTER	1250	
BACKGROUND	81	
h FACTOR		
DEAD TIME CORR.		

NATURAL γ (NoE)	☒
BTRZ - RT LOG	☒
SINGLE ELECT RES.	☐
SP LOG	☐
LATEROLOG T (Poc.Res.)	☐
NEUTRON - NEUTRON	☐
6TD - 72-IT	☒
-	☐
CALIPER	☐
DEVIATION SURVEY	☐

TOTAL RAC	
CUMULATED WIDTH $\Sigma b'$	
NUMBER OF INTERSECTIONS	
NOTE: b' DETERMINED AT THRESHOLD	

OPERATOR

CHECKED BY_

Project Manager)

PROJECT Allamberg
PROSPECT Twin
T.R., AISP No or E.L. 4414

DRILLING CONTRACTOR GUD Drilling
DRILL RIG Stepper
START OF OPERATION 25-6-87
END OF OPERATION 25-6-87

BEST INTERSECTIONS	FROM	TO	A'	A-TC
	91	41-8		220
	30	50		active

REMARKS.

[illegible]

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PARAMETERS RECORDED SYSTEMATICALLY		R/O	COMPONENT PERCENT or SEQUENCES	LITHOLOGICAL DESCRIPTION / MINERALIZATION	SYMBOLIC LOG	FUNCTION 1	FUNCTION 2	FUNCTION 3	FUNCTION 4	DEPTH	TIME	TEMPERATURE	PRESSURE	SAMPLE No.	ASSAYS (ppm)
				altered T + leucite + clay + hematite schist	altered T + leucite + clay + hematite schist					350					
				altered pink F rock + white clay	altered pink F rock + white clay					390					
				more white clay here	more white clay here					380					
				some hematite-graphitic schist with accretion	some hematite-graphitic schist with accretion					380					
				hematite-graphitic schist + pyrite + chlorite	hematite-graphitic schist + pyrite + chlorite					350					
				hematite-graphitic schist + red accretion, F rock	hematite-graphitic schist + red accretion, F rock					400					
				hematite + graphitic schist	hematite + graphitic schist					400					
				graphitic chloritic schist + hematite schist + small veins of red Y → goes on mud, chloritic color outcrops	graphitic chloritic schist + hematite schist + small veins of red Y → goes on mud, chloritic color outcrops					360					
				some chloritic / hematized schist + some green quartz F rock (microcline)	some chloritic / hematized schist + some green quartz F rock (microcline)					380					
				some red microcline	some red microcline					370					
				graphitic, chloritic schist + sandy, quartzitic layers	graphitic, chloritic schist + sandy, quartzitic layers					360					
				From here, outcrops identification very approximate since very poor recovery rate looks like interbedded layers of sandy-quartzites, chloritic schist and chloritic quartzite. Outcrops + a few red microcline veins.	From here, outcrops identification very approximate since very poor recovery rate looks like interbedded layers of sandy-quartzites, chloritic schist and chloritic quartzite. Outcrops + a few red microcline veins.					350					
				Also some horizons of a dark green basic rock (amphibolite) - also lot of white clay and sericite	Also some horizons of a dark green basic rock (amphibolite) - also lot of white clay and sericite					340					
				coarse microcline + white F + dark green chloritized camp	coarse microcline + white F + dark green chloritized camp					330					
				lots of chlorite + some yellow green altered argon (sericite)	lots of chlorite + some yellow green altered argon (sericite)					320					
				no sericite, white, some dark green + lot of small pyrite dots	no sericite, white, some dark green + lot of small pyrite dots					310					
				same here, smaller size of pyrites	same here, smaller size of pyrites					300					
				same + few small inclusions, the green with little sericite	same + few small inclusions, the green with little sericite					290					
				same joint and fractures cut through chlorite	same joint and fractures cut through chlorite					280					
				same stuff, lot of dark green chlorite coated joints at 28.00m, all broken in a breccia	same stuff, lot of dark green chlorite coated joints at 28.00m, all broken in a breccia					270					
				same, still a lot of chloritization.	same, still a lot of chloritization.					260					
				same	same					250					
				same, microcline with dark green chlorite on joint → 1800 ft on spot	same, microcline with dark green chlorite on joint → 1800 ft on spot					240					
				same microcline + pyrite	same microcline + pyrite					230					
				same	same					220					
				same	same					210					
				same	same					200					
				same	same					190					
				hardly any here across a very chloritic joint.	hardly any here across a very chloritic joint.					180					
				same microcline	same microcline					170					
				same microcline	same microcline					160					
				along chloritic alteration over 30cm, then microcline → 79.2m chlorite and breccia.	along chloritic alteration over 30cm, then microcline → 79.2m chlorite and breccia.					150					
				clump contact with quartz F rock at 81m and again breccia	clump contact with quartz F rock at 81m and again breccia					140					
				breccia of green microcline, dark green zone (79.2m) at 83.00m with peak at 240 cts then 2m of white quartz or chlorite with breccia	breccia of green microcline, dark green zone (79.2m) at 83.00m with peak at 240 cts then 2m of white quartz or chlorite with breccia					130					
				into the serpentine (+ biotite + amphibole), chloritized and released in breccia zones + some singular contact breccias.	into the serpentine (+ biotite + amphibole), chloritized and released in breccia zones + some singular contact breccias.					120					
				microcline again with decimeter horizon of chlorite rock (higher 5000 readings)	microcline again with decimeter horizon of chlorite rock (higher 5000 readings)					110					
				non radiative on lot 2m breccia made of base of microcline + chlorite cement same plagioclase (?) with chloritization.	non radiative on lot 2m breccia made of base of microcline + chlorite cement same plagioclase (?) with chloritization.					100					

DRILL HOLE N° ALL-PD-162

IMPORTANT
THIS IS A HALF SIZE REDUCTION FROM ORIGINAL.
VALUES OF ALL SCALES SHOWN MUST BE DOUBLED.

[illegible][illegible]

CO. COORDINATES { _____

COLLAR { MAG AZIMUTH 085°
DIP 60°

DRILLED DEPTH 70 m

HOLE DIAMETER		
FROM	TO	ϕ mm
0	1.5	125
1.5	25.0	115
25.0	70.0	70

AIR DRILLING	from	<u>0</u>	to	<u>25</u>	
MUD DRILLING	from	<u> </u>	to	<u> </u>	
CORING	{	from	<u>25</u>	to	<u>70</u>
		from	<u> </u>	to	<u> </u>
		from	<u> </u>	to	<u> </u>

LITHOLOGY

WATER LEVELS metres	
WATER TABLE (first wet cuttings)	<u>11.0</u>
WHEN F-LOGGED	<u>10.5 m</u>
HYDROSTATIC	<u> </u>

STRING/CASING (when _____ logged)			
TYPE	FROM	TO	THICKNESS mm
uPK	0	1.5	6.0
poly	0	70	4.0
FLUID IN HOLE <u>water</u> density <u>1.0</u>			

CASINGS LEFT IN THE HOLE			
TYPE	FROM	TO	THICKNESS mm
14 PYC	0	1.5	6.0

ARE RADIOMETRIC LOG DEPTHS.

DEPTH LOGGED ()		67.6 m
DATE		3-8-87
LOGGING EQUIPMENT		T400
	PROBE NO	LOGGING SPEED m/min
FUNCTION 1	NaI (451)	3
FUNCTION 2	STD-77(5328)	
FUNCTION 3		
FUNCTION 4		

GAMMA LOGGING		
	NaI	ST 22-2T
TEST BEFORE	1300	57
TEST AFTER	1300	67
BACKGROUND	59	-
K FACTOR	0.3862	
DEAD TIME CORR.	36.89%	

NATURAL γ (NoT)	☒
BT22-2T LOG	☒
SINGLE ELECT. RES.	☐
S P LOG	☐
LATEROLOG 7 (Pos. Res.)	☐
NEUTRON-NEUTRON	☐
DIGITIZED LINE	☐
RAWDATA	☐
STS-22	☐
CALIPER	☐
DEVIATION SURVEY	☐

TOTAL RAC	
CUMULATED WIDTH $\Sigma h'$	
NUMBER OF INTERSECTIONS	
NOTE h' DETERMINED AT THRESHOLD	

PROJECT Allamberg
PROSPECT Twin
T R, ALOPH® or ELs 4414

DRILLING CONTRACTOR GUD Drilling
DRILL RIG Steiger
START OF OPERATION 5-8-87
END OF OPERATION 5-8-87

BEST INTERSECTIONS	FROM	TO	N'	ST-22-2T
	28-2	48-2	10	0-1 7-
	39-0	42-7	3-7	0-2 7-
	39-7	40-8	1-1	0-4 7-
	at 40-5			570 5/8

REMARKS.

OPERATOR JE CHECKED BY _____

[illegible]

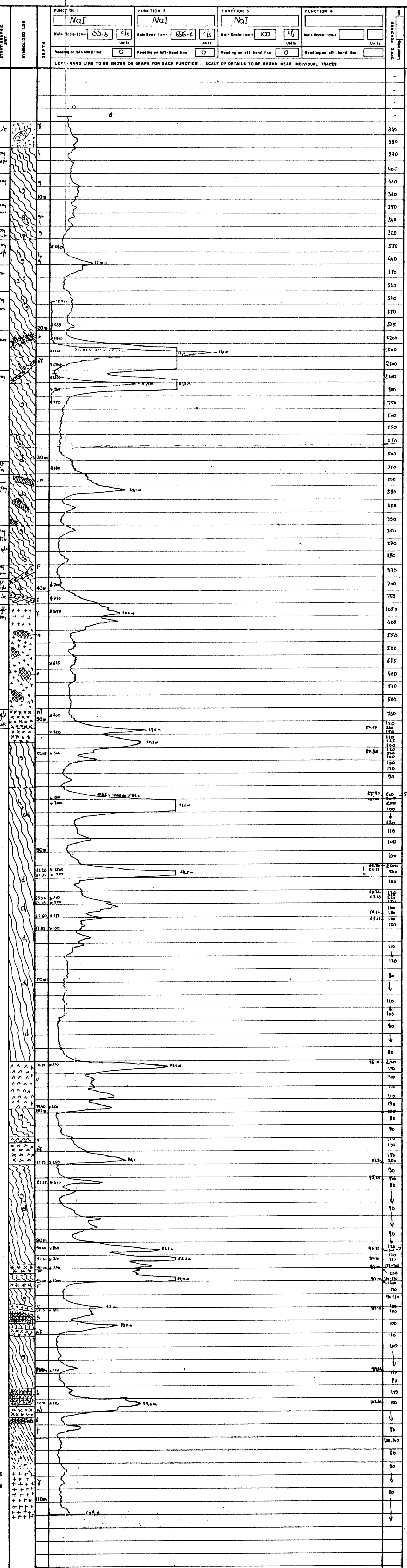
DRILL HOLE N° ALL-PD-163

DRILL HOLE NO.

REMARKS

BEST INTERSECTIONS	FROM	TO	n°	NaT
		18	22	
	53	54		"
	58	59		"
	88	90		"
	17	101		active

CHECKED BY

[illegible]

Peak at 19m 252°/s ST22-2T
at 21.6m 140°/s "

CHECKED BY

(Project Manager)

DRILL HOLE N° ALL-PD-168

VERTICAL SCALE 1 100

IMPORTANT

THIS IS A HALF SIZE REDUCTION FROM ORIGINAL.
VALUES OF ALL SCALES SHOWN MUST BE DOUBLED.

DRILL HOLE N°
ALL - PD - 168

LITHOLOGY S.M.

NOTE. IN CONE HOLES, ALL DEPTHS
ARE RADIOMETRIC LOG DEPTHS.

OPERATOR JF

CHECKED BY _____ (Project Manager)

[illegible]

