

181001

MISCELLANEOUS RENISON

CORE LOGS 1964-1978
MT. LINDSAY

E.L. 2/63 & 18/73

79 - 1339

VOL. 1/2

MICROFILMED

OPEN FILE

HOLE No.:

SCALE:

RENISON LIMITED
DIAMOND DRILL HOLE PLOT

000

MT. LINDSAY DIAMOND DRILLING

DRILL PLOT KEY

DEVONIAN



Meredith Granite: porphyritic granite & dykes.



Skarn: with magnetite and/or chlorite-phlogopite.



Calc-silicate: garnet, diopside, carbonate bands.

CAMBRIAN



Carbonate: grey, unaltered and recrystallised.



Chert: grey to grey-brown and siliceous shales.



Mottled Zone: interbanded grey shales and cream-green-brown cherts.



Magnetic Shales: altered labile psammopelites with magnetite.



Non-magnetic Shales: altered psammopelites.



Crimson Creek

Formation

181002

RENISON LIMITED DRILL CORE RECORD

0177

HOLE NUMBER	MT. LINDSAY D.D.H. 2/1	SURVEY			From - To	Distance D	VERTICAL		HORIZONTAL	
		Depth	Bearing	Dip			D.Sin.Dip	R.L.	D.Cos.Dip	Prog.Total
PURPOSE	To test No.2 Anomaly		019° (Grid)	-35°			2502.9			
			46° N.M.G.				61.2	2441.7	87.4	87.4
LOCATION	MT LINDSAY									
COLLAR R.L.	2502.9m (1852')									
CO-ORDINATES	32257.1N (2466.1'N) 10970.4E (3134.5' E)									
LENGTH	106.7m									
HOLE SIZE	Ax									
DATE DRILLED	November 1968									
SIGNIFICANT CORE LOSS ZONES										
ORE ZONE GROUND CONDITIONS										
LOGGED BY	A JESSUP Rechecked R. Schultkeas									
COMMENTS	SECTION 2.2E (Aberfoyle) Skarn type mineralisation with 45m bleached zone on top.									

SUMMARY - ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m)	AVERAGE WEIGHTED ASSAYS											B.C.A.	
				Sn.	Acid Sol. Sn.	Cu.	As.	S.	Pb.	Zn.	Bi.	WO ₃	Ag g/t			
Anomaly 2	58.0	70.8	12.8	0.20		0.04										
Renison Assays																
Anomaly 2	56.3	74.4	18.1	0.19		0.05	0.12					0.01				

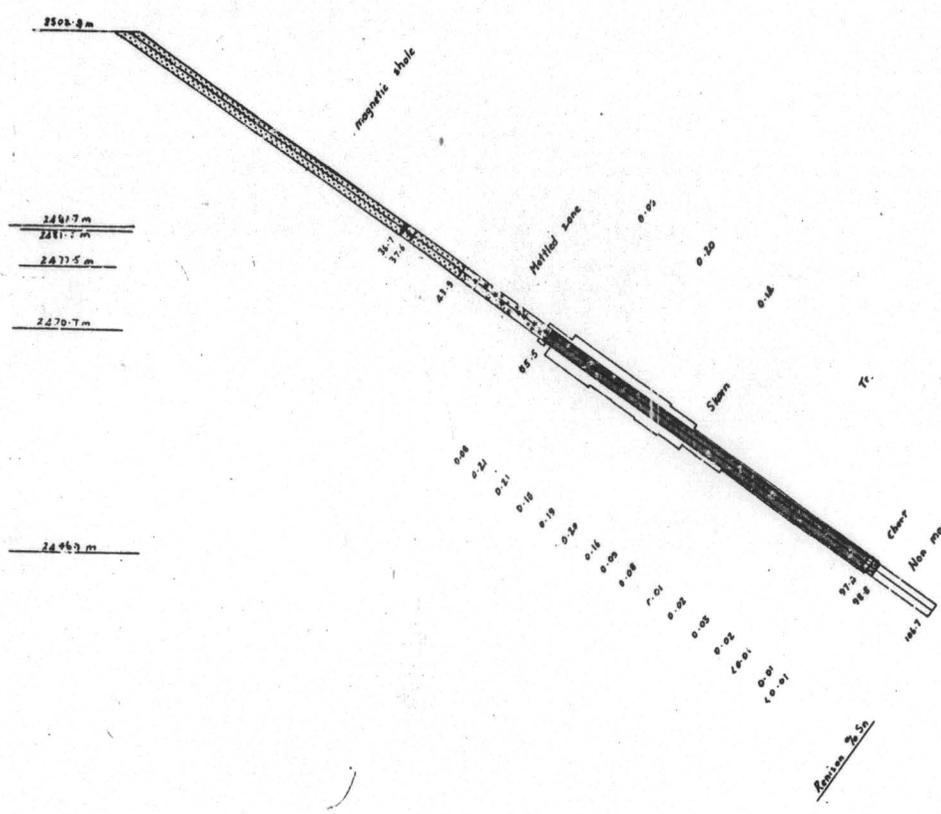
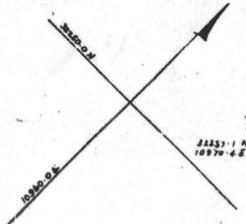
181003

HOLE No. 1, ML 2/1

SCALE:  Metres

DIAMOND DRILL HOLE PLOT

31376.0 N 10925.7 E	31382.0 N 10925.7 E	31388.0 N 10925.7 E	31394.0 N 10925.7 E	31400.0 N 10925.7 E	31406.0 N 10925.7 E	31412.0 N 10925.7 E	31418.0 N 10925.7 E	31424.0 N 10925.7 E	31430.0 N 10925.7 E	31436.0 N 10925.7 E	31442.0 N 10925.7 E	31448.0 N 10925.7 E	31454.0 N 10925.7 E	31460.0 N 10925.7 E	31466.0 N 10925.7 E	31472.0 N 10925.7 E	31478.0 N 10925.7 E	31484.0 N 10925.7 E	31490.0 N 10925.7 E	31496.0 N 10925.7 E	31502.0 N 10925.7 E	31508.0 N 10925.7 E	31514.0 N 10925.7 E	31520.0 N 10925.7 E	31526.0 N 10925.7 E	31532.0 N 10925.7 E	31538.0 N 10925.7 E	31544.0 N 10925.7 E	31550.0 N 10925.7 E	31556.0 N 10925.7 E	31562.0 N 10925.7 E	31568.0 N 10925.7 E	31574.0 N 10925.7 E	31580.0 N 10925.7 E	31586.0 N 10925.7 E	31592.0 N 10925.7 E	31598.0 N 10925.7 E	31604.0 N 10925.7 E	31610.0 N 10925.7 E	31616.0 N 10925.7 E	31622.0 N 10925.7 E	31628.0 N 10925.7 E	31634.0 N 10925.7 E	31640.0 N 10925.7 E	31646.0 N 10925.7 E	31652.0 N 10925.7 E	31658.0 N 10925.7 E	31664.0 N 10925.7 E	31670.0 N 10925.7 E	31676.0 N 10925.7 E	31682.0 N 10925.7 E	31688.0 N 10925.7 E	31694.0 N 10925.7 E	31700.0 N 10925.7 E	31706.0 N 10925.7 E	31712.0 N 10925.7 E	31718.0 N 10925.7 E	31724.0 N 10925.7 E	31730.0 N 10925.7 E	31736.0 N 10925.7 E	31742.0 N 10925.7 E	31748.0 N 10925.7 E	31754.0 N 10925.7 E	31760.0 N 10925.7 E	31766.0 N 10925.7 E	31772.0 N 10925.7 E	31778.0 N 10925.7 E	31784.0 N 10925.7 E	31790.0 N 10925.7 E	31796.0 N 10925.7 E	31802.0 N 10925.7 E	31808.0 N 10925.7 E	31814.0 N 10925.7 E	31820.0 N 10925.7 E	31826.0 N 10925.7 E	31832.0 N 10925.7 E	31838.0 N 10925.7 E	31844.0 N 10925.7 E	31850.0 N 10925.7 E	31856.0 N 10925.7 E	31862.0 N 10925.7 E	31868.0 N 10925.7 E	31874.0 N 10925.7 E	31880.0 N 10925.7 E	31886.0 N 10925.7 E	31892.0 N 10925.7 E	31898.0 N 10925.7 E	31904.0 N 10925.7 E	31910.0 N 10925.7 E	31916.0 N 10925.7 E	31922.0 N 10925.7 E	31928.0 N 10925.7 E	31934.0 N 10925.7 E	31940.0 N 10925.7 E	31946.0 N 10925.7 E	31952.0 N 10925.7 E	31958.0 N 10925.7 E	31964.0 N 10925.7 E	31970.0 N 10925.7 E	31976.0 N 10925.7 E	31982.0 N 10925.7 E	31988.0 N 10925.7 E	31994.0 N 10925.7 E	31999.0 N 10925.7 E
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2457.7 m
 2471.7 m
 2477.5 m
 2479.7 m
 2496.3 m

5 cm

078

181004

REVISION LIMITED DRILL CORE RECORD

075

HOLE NUMBER	MT. LINDSAY D.D.H. 2/2	SURVEY			From - To	Distance D	VERTICAL		HORIZONTAL	
		Depth	Bearing	Dip			D.Sin.Dip	R.L.	D.Cos.Dip	Prog. Total
PURPOSE	To test No. 2 Anomaly		019° (GRID)	-45°				2495.3		
			046° RMG				103.3	2392.0	103.3	103.3m
LOCATION	MT. LINDSAY									
COLLAR R.L.	2495.3m (1840')									
CO-ORDINATES	32237.1N (2380.2'N) 10948.5E (3104.7'B)									
LENGTH	146.1m									
HOLE SIZE	Ax									
DATE DRILLED	December 1968									
SIGNIFICANT CORE LOSS ZONES										
ORE ZONE GROUND CONDITIONS										
LOGGED BY	A. JESSUP Relegged R.R. Schellekens.									
COMMENTS	SECTION 2.2E (Aberfoyle) Skarn type mineralisation with poorly developed mottled zone and fault at base.									

SUMMARY - ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m)	AVERAGE WEIGHTED ASSAYS											B.C.A.
				Sn.	Acid Sol. Sn.	Cu.	As.	S.	Pb.	Zn.	Bi.	WO ₃	Ag g/t		
No. 2 Anomaly	94.1	103.2	9.1	0.13		0.03	-								
Reinson Assays															
No. 2 Anomaly	95.1	104.1	9.0m	0.14		0.05	0.07								

181005

RENISON LIMITED - DRILL CORE RECORD

HOLE NUMBER	MT. LINDSAY D.D.H. 2/3	SURVEY			From - To	Distance D	VERTICAL		HORIZONTAL	
		Depth	Bearing	Dip			D.Sin.Dip	R.L.	D.Cos.Dip	Prog. Total
PURPOSE	To test No. 2 Anomaly.		019° (GRID)	-35°			2511.6			
			046 R.M.G.				67.4	2451.2	96.3	96.3
LOCATION	MT LINDSAY									
COLLAR R.L.	2518.6m (1902')									
CO-ORDINATES	32081.2N (2170.95'N) 11141.7E (3874.21'E)									
LENGTH	117.5m									
HOLE SIZE	Ax									
DATE DRILLED	January 1969									
SIGNIFICANT CORE LOSS ZONES										
ORE ZONE GROUND CONDITIONS										
LOGGED BY	A. JESSUP Re logged R.R. SCHELLEKENS									
COMMENTS	SECTION 10.1E (Aberfoyle) 2m of calc-silicate-rest skara 8m mottled zone.									

SUMMARY - ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m)	AVERAGE WEIGHTED ASSAYS										B.G.A.	
				Sn.	Acid Sol. Sn.	Cu.	As.	S.	Pb.	Zn.	Bi.	WO ₃	Ag g/t		
	54.2	58.6	4.4	0.14		0.02									
	Revised	Assays													
	52.5	62.7	10.2	0.14		0.06	0.02								
	0.5m	core missing	59.5-60.0m												

REMINGTON LIMITED DRILL CORE RECORD

071

HOLE NUMBER	MT. LINDSAY D.D.H. 2/4	SURVEY			From - To	Distance D	VERTICAL		HORIZONTAL	
		Depth	Bearing	Dip			D.Sin.Dip	R.L.	D.Cos.Dip	Prog Total
PURPOSE	To test No. 2 Anomaly		019° (GRID)	-45°			118.6	2400.1	118.6	118.6
LOCATION	MT. LINDSAY		046 (R.M.G.)							
COLLAR R.L.	2518.7m (1891')									
CO-ORDINATES	32068.9N (2076'N) 11119.2E (3853'E)									
LENGTH	167.7m									
HOLE SIZE	Ax									
DATE DRILLED	1969									
SIGNIFICANT CORE LOSS ZONES										
ORE ZONE GROUND CONDITIONS										
LOGGED BY	A. Jessup Re-logged by R. Schellekens									
COMMENTS	Section 10.1E (Aberfoyle)									

SUMMARY - ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m)	AVERAGE WEIGHTED ASSAYS											B.C.A.	
				Sn.	Acid Sol. Sn.	Cu.	As.	S.	Pb.	Zn.	Bi.	WO ₃	Ag g/t			
No. 2 Anomaly	100.7	124.5	23.8	0.05		0.4										
	Revision	Assays														
No. 2 Anomaly	100.9	120.1	19.2	0.07		0.08	6.12									

181009

HOLE No. 1, ML 2/4

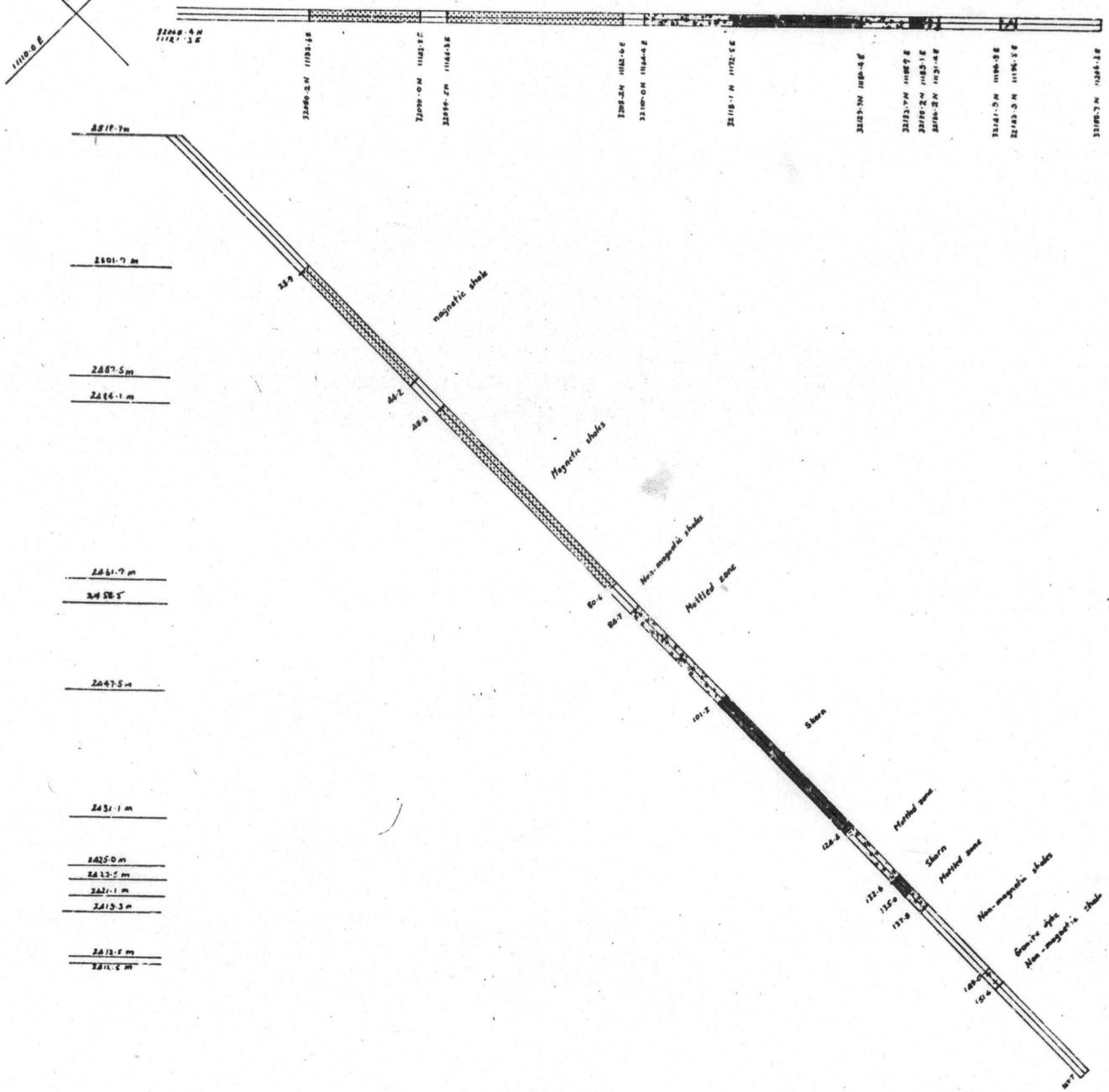
SCALE:



KENISON LIMITED DIAMOND DRILL HOLE PLOT

5 cm

072



2160.0 m

181010

069

HOLE NUMBER	MT LINDSAY D.D.H. 2/5	SURVEY			From - To	Distance D	VERTICAL		HORIZONTAL	
		Depth	Bearing	Dip			D.Sin.Dip	R.L.	D.Cos.Dip	Prog. Total
PURPOSE	To test No. 2 Anomaly		019° (GRID)	-65°				2518.7		
			044° (R.M.G)				162.8	2355.9	75.9	75.9
LOCATION	MT. LINDSAY									
COLLAR R.L.	2509.4m (1887')									
CO-ORDINATES	32048.9mN (2076'N) 11119.2mE (3853'E)									
LENGTH	179.6m									
HOLE SIZE	Ax									
DATE DRILLED	1969									
SIGNIFICANT CORE LOSS ZONES										
ORE ZONE GROUND CONCITIONS										
LOGGED BY	A. JESSUP Relogged by R.R. SCHELEKENS									
COMMENTS	SECTION 10.1E (Aberfoyle) Wide mottled zone and skarn.									

SUMMARY - ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m)	AVERAGE WEIGHTED ASSAYS											B.C.A.		
				Sn	Acid Sol. Sn.	Cu	As	S	Pb	Zn	Bi	WO ₃	Ag g/t				
No 2 ANOMALY	158.0	175.4	17.4	0.11		0.05											
No 2 ANOMALY	158.5	176.0	16.5	0.15		0.10	0.12						< 0.01				

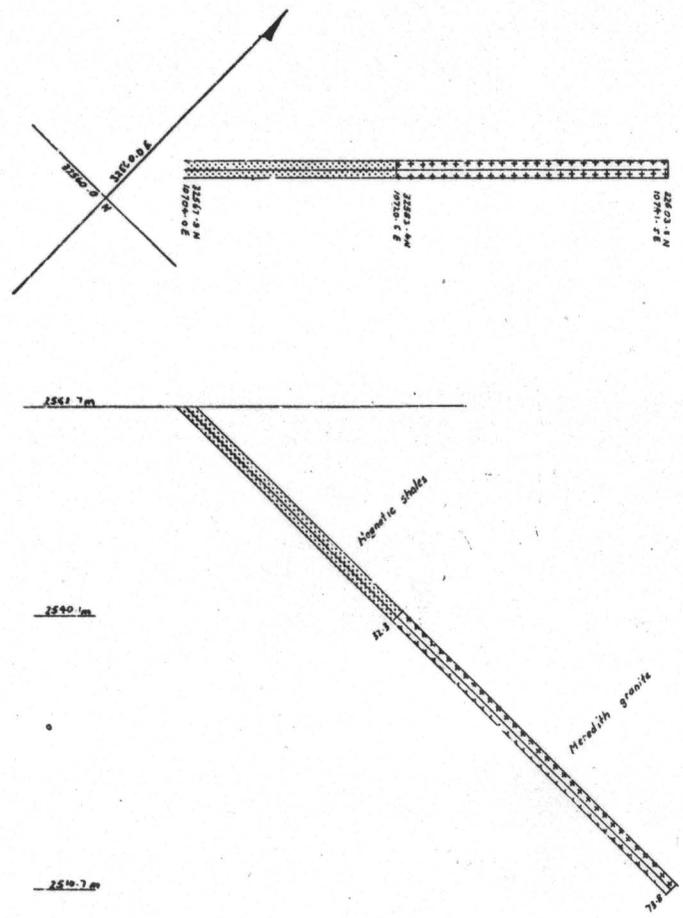
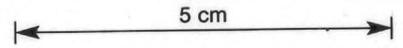
181011

HOLE No.: ML 2/6



SON LIMITED
DIAMOND DRILL HOLE PLOT

068



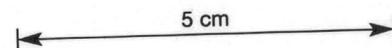
181014

HOLE No.: ML 2/7

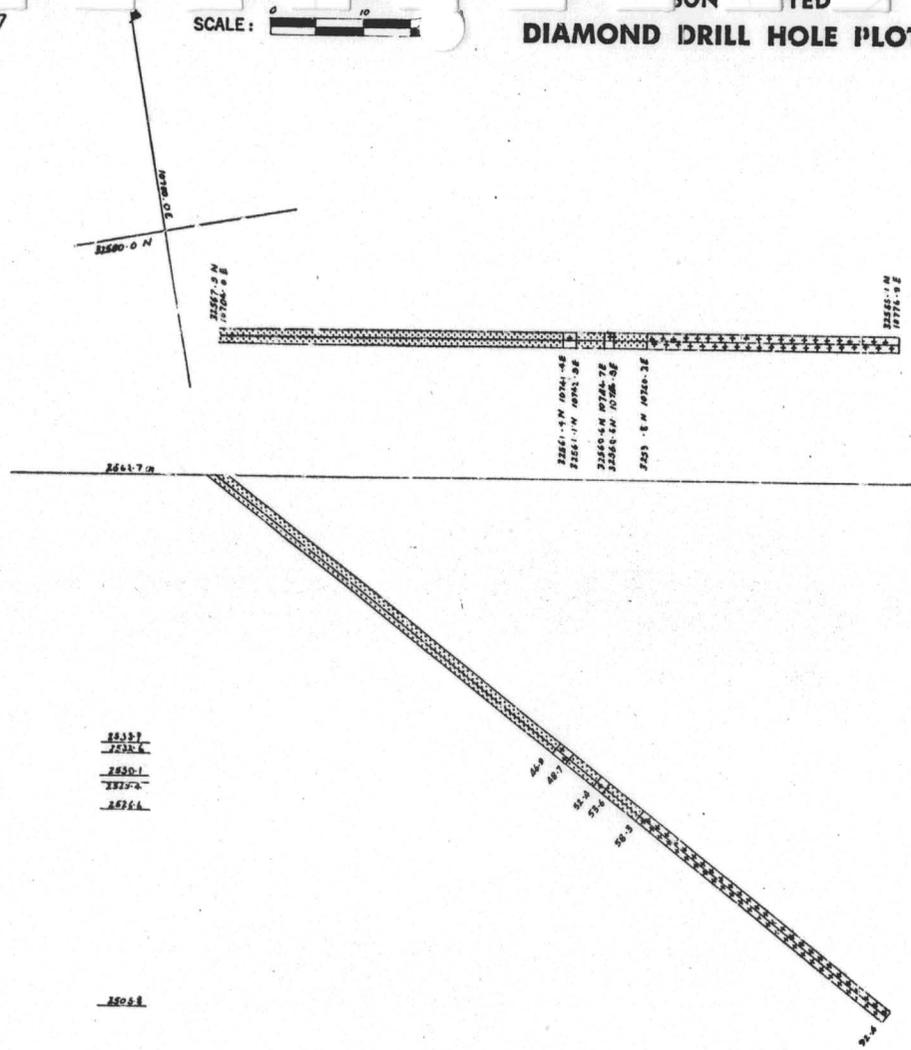
SCALE:



SON TED DIAMOND DRILL HOLE PLOT



066



21650-0-N
21651-0-N
21652-0-N
21653-0-N
21654-0-N

21655-0-N

181016

903

HOLE NUMBER	M.L. 2	SURVEY			From - To	Distance D	VERTICAL		HORIZONTAL	
		Depth	Bearing	Dip			D.Sin.Dip	R.L.	D.Cos.Dip	Prog. Total
PURPOSE	To test MAIN LODE	0	027	-53	0			2462.8		
					61.3	61.3	49.0	2413.8		36.9
LOCATION	Aberfoyle Camp.									
COLLAR R.L.	≈ 2462.8m (1735')									
CO-ORDINATES	(ABERFOYLE 1881'N 3149'E)									
LENGTH	61.3 (201')									
HOLE SIZE	AXT									
DATE DRILLED	Summer 1962 - 1963									
SIGNIFICANT CORE LOSS ZONES										
ORE ZONE GROUND CONDITIONS										
LOGGED BY	J. Morton									
COMMENTS	No core available. Hole not surveyed Drilled on Aberfoyle Section 3050'E.									

SUMMARY - ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m)	AVERAGE WEIGHTED ASSAYS											B.C.A.	
				Sn.	Acid Sol. Sn.	Cu.	As.	S.	Pb.	Zn.	Bi.	WO ₃	Ag g/t			
	30.5	35.9	5.5 (true)	0.75												
	41.8	43.6	1.4 (true)	4.15												
	51.5	52.3	-	3.02												
	54.0	54.6	-	0.88												
Cut off 0.1 Sn	18.4	54.6	26m (true)	0.49												
Pyrexicite-Skarn Zone	30.5	40.5	10.0 E.T.T. 8.0m	0.50												

181017

HOLE No. 1. *M.L. 2*

SCALE:

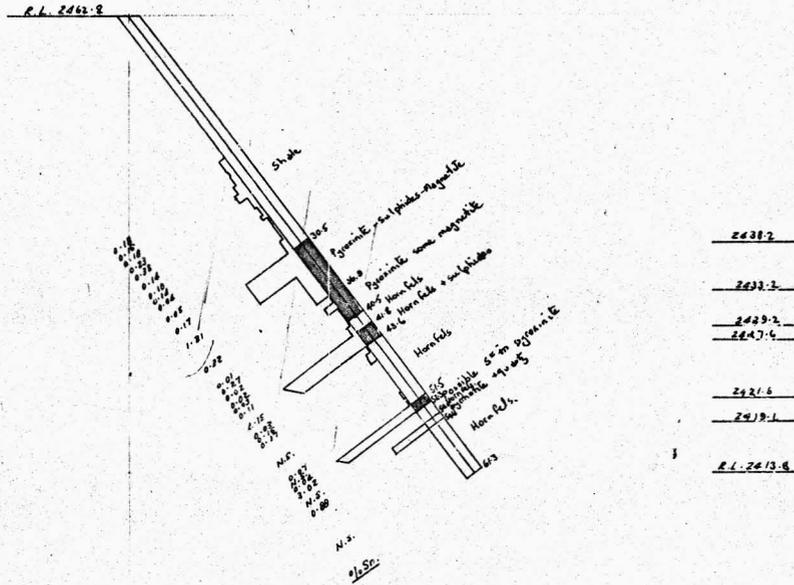
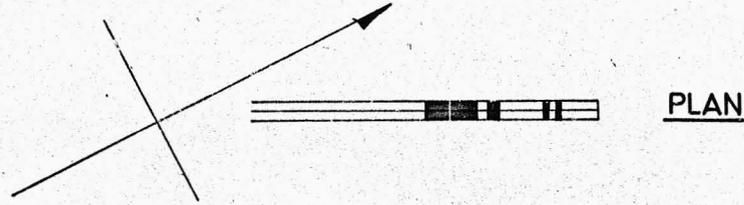


RENISON LIMITED DIAMOND DRILL HOLE PLOT

MMS 2447

5 cm

064



181018

REL. ON LIMITED - DRILL CORE RECORD

HOLE NUMBER	M.L. 3	SURVEY			From - To	Distance D	VERTICAL		HORIZONTAL	
		Depth	Bearing	Dip			D.Sin.Dip	R.L.	D.Cos.Dip	Prog. Total
PURPOSE	To test MAIN LODE	0	027	-54	0		2475.9			
LOCATION	Aberfoyle Camp.				61.0	49.4	2426.5			35.9
COLLAR R.L.	(1768') 2475.9m by Renison									
CO-ORDINATES	32089.4mN (1982'N) 10903.5mE 3225'E									
LENGTH	61.0m (200')									
HOLE SIZE	AXT									
DATE DRILLED	Summer 1962 - 1963									
SIGNIFICANT CORE LOSS ZONES										
CORE ZONE GROUND CONDITIONS										
LOGGED BY	J. Merton									
COMMENTS	No core available. Hole not surveyed Drilled on Aberfoyle section 3225'E.									

SUMMARY - ASSAY DATA

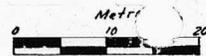
LODE NAME	FROM	TO	LENGTH (m)	AVERAGE WEIGHTED ASSAYS											B.C.A.	
				Sn.	Acid Sol. Sn.	Cu.	As.	S.	Pb.	Zn.	Bi.	WO ₃	Ag g/t			
	27.4	41.5	8.5 (true) (11.0m')	1.75												
Pyroxenite Zone	27.4	43.5	16.1m (13m. E.T.)	1.55												

061

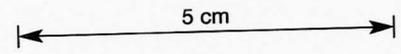
181019

HOLE NO. : *ML 3*

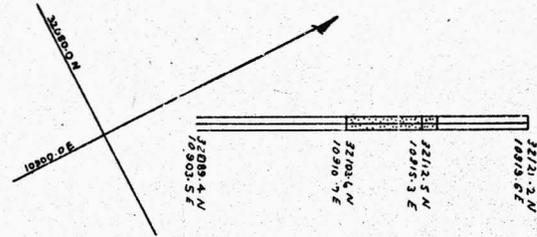
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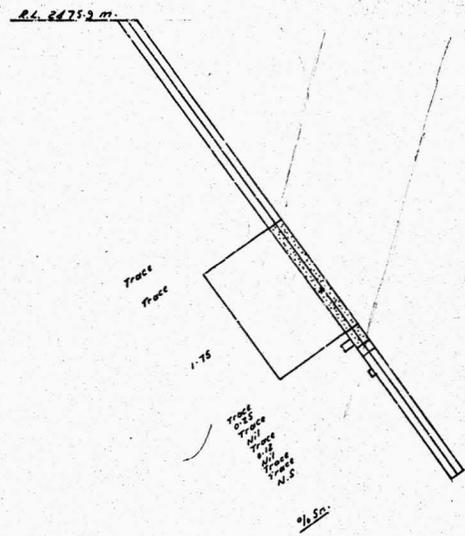
RENISOL. LIMITE DIAMOND DRILL HOLE PLOT



062



PLAN



2453.9

2442.5
2440.6

R.L. 2426.5

DIP PROFILE

181020

059

HOLE NUMBER	M.L. 13	SURVEY			From - To	Distance D	VERTICAL		HORIZONTAL	
		Depth	Bearing	Dip			D.Sin.Dip	R.L.	D.Cos.Dip	Prog.Total
PURPOSE	TO TEST MAIN LODE	0	027	-45	0			2548.5		59.7
					84.4	84.4	59.7	2488.8		
LOCATION										
COLLAR R.L.	2548.5 m. (2003.2')									
CO-ORDINATES	32281.5mN (2116.0'N) 10707.9mE (2351.2'E)									
LENGTH	84.4m (277')									
HOLE SIZE	AX									
DATE DRILLED	Summer 1963 - 1964									
SIGNIFICANT CORE LOSS ZONES										
ORE ZONE GROUND CONDITIONS										
LOGGED BY										
COMMENTS	<p>No core available. No log available. Hole not surveyed. May have thicker lode, if not faulted? Recorded as having intersected a fault; and with poor core recovery. Total length of 7m sampled. Fault recorded at 41.1m, and correlates with fault at M.L. 14, 56.4m ← I doubt it! If it did, a displacement of the Main Lode would be expected, but this doesn't seem to be the case, as there is no F.W. carbonate disruption. Drilled on Aberfoyle section 2350'E.</p>									

SUMMARY - ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m)	AVERAGE WEIGHTED ASSAYS										B.C.A.		
				Sn.	Acid Sol. Sn.	Cu.	As.	S.	Pb.	Zn.	Bi.	WO ₃	Ag g/t			
	48.8	57.9	8.6' (true) Em.	Trace												

181021

HOLE No. : M.L. 13

SCALE :

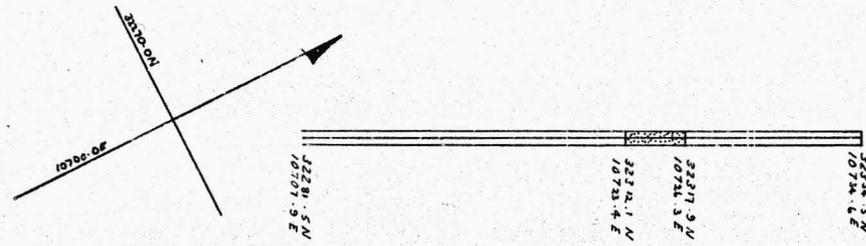


DIAMOND DRILL HOLE PLOT

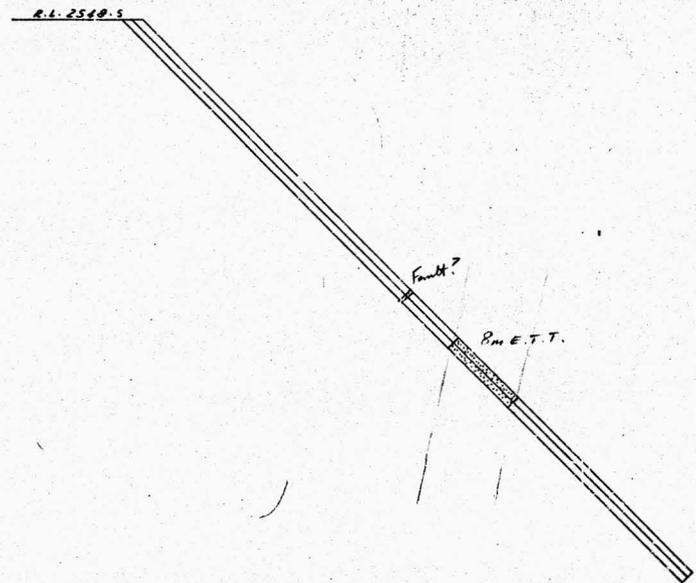
MINISCA LIMITED

5 cm

060



PLAN



DIP PROFILE

181022

RENISON LIMITED - DRILL CORE RECORD

057

HOLE NUMBER	M.L. 14	SURVEY			From - To	Distance D	VERTICAL		HORIZONTAL	
		Depth	Bearing	Dip			D.Sin.Dip	R.L.	D.Cos.Dip	Prog. Total
PURPOSE	To test MAIN LODE	0	027°	-45°	0			2529.9		
					90.4	90.4	63.9	2466.0		63.9
LOCATION										
COLLAR R.L.	2529.9m (1943')									
COORDINATES	32264.5mN (2114'N) 10737.9mE (2465'E)									
LENGTH	90.4m (297')									
HOLE SIZE										
DATE DRILLED	Summer 1964 - 1965									
SIGNIFICANT CORE LOSS ZONES										
ORE ZONE GROUND CONDITIONS										
LOGGED BY										
COMMENTS	No core available. Tin assays complete over ore zone No log available. Fault recorded at 56.4m and correlates with fault in M.L. 13 at 41.1m. Hole not surveyed. Fault dip 55° south. Fault possibly displaced part of Lode.									

SUMMARY - ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m)	AVERAGE WEIGHTED ASSAYS												B.C.A.	
				Sn.	Acid Sol. Sn.	Cu.	As.	S.	Pb.	Zn.	Bi.	WO ₃	Ag g/t				
"LODE BEDS"	37.8	51.8	10.7 (true) 12.0m (true)	0.12													

181023

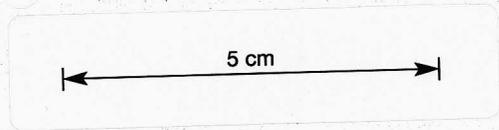
HOLE No. 1 M.L. 14

SCALE:

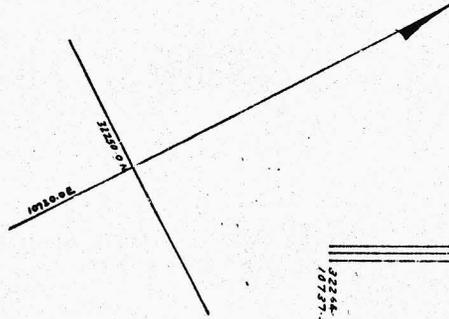


NIS IMI DIAMOND DRILL HOLE PLOT

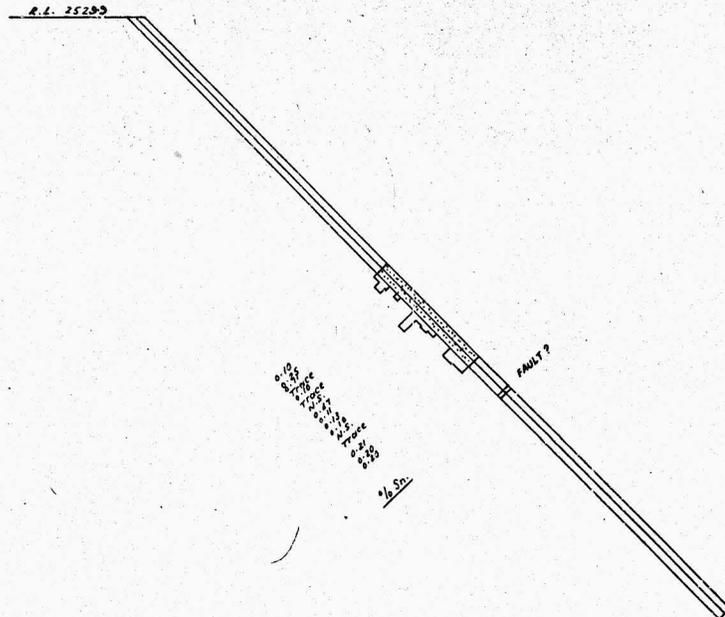
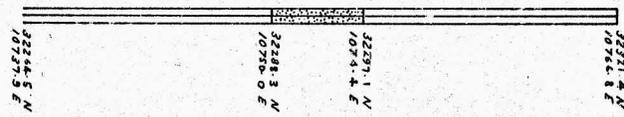
058



NWIS 24451



PLAN



2503.5

2491.6

R.L. 2466.0

DIP PROFILE

D

181024

HOLE NUMBER	M.L. 15	SURVEY			From - To	Distance D	VERTICAL		HORIZONTAL	
		Depth	Bearing	Dip			D.Sin.Dip	R.L.	D.Cos.Dip	Prog.Total
PURPOSE	To test MAIN LODE	0	207	-45	0					
					92.1	92.1	65.1	2504.3	2439.2	65.1
LOCATION										
COLLAR R.L.	2504.3 m (1856')									
CO-ORDINATES	32306.7mN 10789.2m									
LENGTH	92.1m (302')									
HOLE SIZE										
DATE DRILLED	Summer 1964 - 1965									
SIGNIFICANT CORE LOSS ZONES										
ORE ZONE GROUND CONDITIONS										
LOGGED BY	J. K. Couper									
COMMENTS	<p>Renison has some core from 53.0m (174') to 92.0m (302'), but with lots missing. Intervals, 65.2 to 66.1m; 68.9 to 70.4m were split by Aberfoyle. No log is available, nor complete assays. Hole not surveyed. Either drilled with dip of lode or in the fault gap. e.g. Holes 13, 14 hit fault.</p> <p><i>From Main lode contours, this hole should have intersected lode, but difficult to know this as there is no log.</i></p>									

SUMMARY - ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m)	AVERAGE WEIGHTED ASSAYS											B.C.A.	
				Sn.	Acid Sol. Sn.	Cu.	As.	S.	Pb.	Zn.	Bi.	WO ₃	Ag g/t			
	16.2	16.5		Trace												
	22.8	24.5		Trace												
	26.0	29.0		Trace												
	68.9	70.6		Trace												

RENISON LIMITED - DRILL CORE RECORD

053

HOLE NUMBER	M.L. 16	SURVEY			From - To	Distance D	VERTICAL		HORIZONTAL	
		Depth	Bearing	Dip			D.Sin.Dip	R.L.	D.Cos.Dip	Prog. Total
PURPOSE	To test MAIN LODE	0	067	-55	0					
					65.8	65.8	53.9	2510.1		37.7
LOCATION										
COLLAR R.L.	2510.1 m. (1876')									
CO-ORDINATES	32233.6mN (2055'N) 10763.8mE (2590'E)									
LENGTH	65.8m (216')									
HOLE SIZE										
DATE DRILLED	Summer 1964 - 1965									
SIGNIFICANT CORE LOSS ZONES										
ORE ZONE GROUND CONDITIONS										
LOGGED BY	J. K. Couper									
COMMENTS	Renison has core from 28.0m (92') to 65.8 (216'), with minor amount missing. Assays are incomplete and some core, which was not split, was found to contain tin. Hole not surveyed. Complete log not available.									

SUMMARY - ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m)	AVERAGE WEIGHTED ASSAYS										B.C.A.	
				Sn.	Acid Sol. Sn.	Cu.	As.	Fe	Pb.	Zn.	Bi.	WO ₃	Ag g/t		
"Lode Beds"	28.1	57.2													
	28.5	38.1	4.9 (true)	0.05											
Renison Assays	28.3	56.7	19.9m (true)	0.25	0.12	0.11	<0.10	21.8					<0.01		

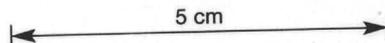
181027

HOLE No. 1. M.L. 16

SCALE:

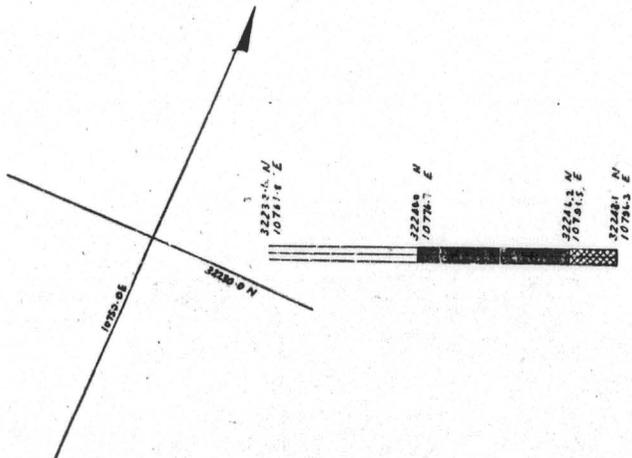


RENISON LIMITED DIAMOND DRILL HOLE PLOT

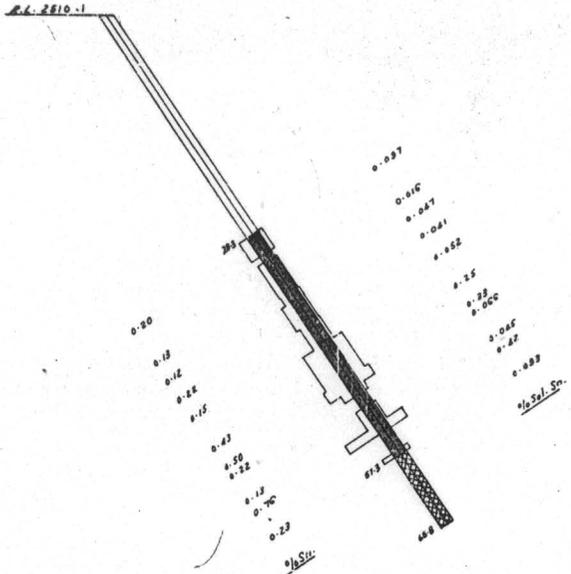


NWPS 2461

054



PLAN



DIP PROFILE

2497.1

2463.7

R.L. 2456.2

181028

RENISON LIMITED DRILL CORE RECORD

051

HOLE NUMBER	M.L. 17	SURVEY			From - To	Distance D	VERTICAL		HORIZONTAL	
		Depth	Bearing	Dip			D.Sin.Dip	R.L.	D.Cos.Dip	Prog. Total
PURPOSE	To test MAIN LODC (Zone 4.)	0	067°	-57°	0			2480.		
					70.7	70.7	59.3	242.		38.5
LOCATION										
COLLAR R.L.	2480.4 m (1799')									
CO-ORDINATES	32233.8N (2030'N) 10819.7E (2722'E)									
LENGTH	70.7m (232')									
HOLE SIZE										
DATE DRILLED	Summer 1964 - 1965									
SIGNIFICANT CORE LOSS ZONES										
ORE ZONE GROUND CONDITIONS										
LOGGED BY										
COMMENTS	Renison has core from 16.5m (54') to 27.7m (91') and from 48.8m (160') to 65.5m (215'), although lots of these intervals are missing. Hole not surveyed. - Hole location approximate. No log available.									

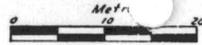
SUMMARY - ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m)	AVERAGE WEIGHTED ASSAYS											B.C.A.
				Sn.	Acid Sol. Sn.	Cu.	As.	S.	Pb.	Zn.	Bi.	WO ₃	Ag g/t		
"Lode Beds"	19.0	45.3	19m etc	ASSAYING INCOMPLETE BUT PROBABLY < 0.10 Sn.											
	27.9	36.9	4.3m(true)	0.12											

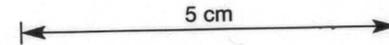
181029

HOLE No. : M.L. 17

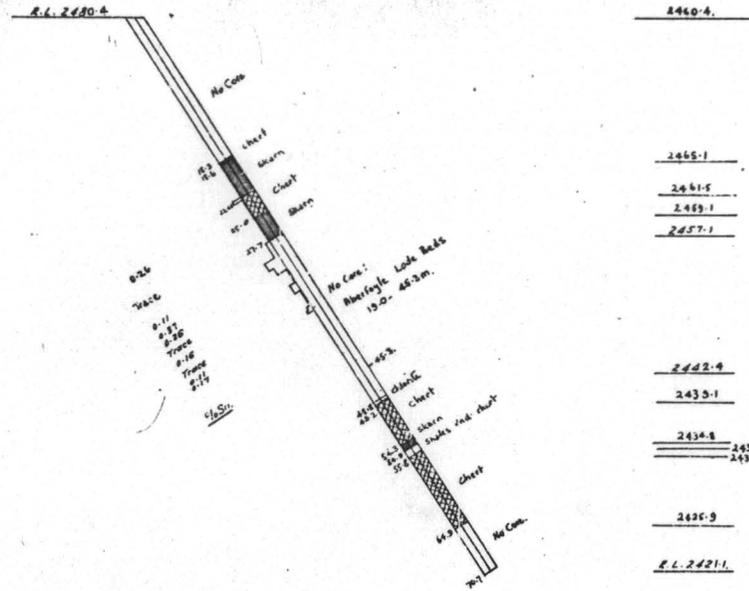
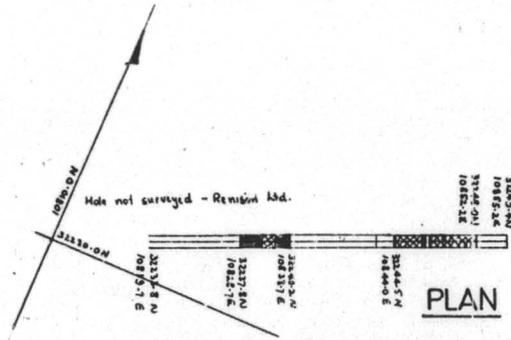
SCALE :



RENISON LIMITED
DIAMOND DRILL HOLE PLOT



052



181030

RENISON LIMITED DRILL CORE RECORD

HOLE NUMBER	M.L. 18	SURVEY			From - To	Distance D	VERTICAL		HORIZONTAL	
		Depth	Bearing	Dip			D.Sin.Dip	R.L.	D.Cos.Dip	Prog.Total
PURPOSE	To test MAIN LODE (Zone 4).	0	224 $\frac{1}{2}$	-45	0			2450.0		
					51.5	51.5	36.4	2413.6		36.4
LOCATION										
COLLAR R.L.	2450.0m (1693')									
CO-ORDINATES	2055'N 2919'E									
LENGTH	51.5m (169')									
HOLE SIZE										
DATE DRILLED	Summer 1964 - 1965									
SIGNIFICANT CORE LOSS ZONES										
ORE ZONE GROUND CONDITIONS										
LOGGED BY										
COMMENTS	Renison has core from 3.1m (10') to 51.5m (169'); however some core is missing. No log is available. Assays are incomplete. Hole not surveyed.									

049

SUMMARY - ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m)	AVERAGE WEIGHTED ASSAYS											B.C.A.	
				Sn.	Acid Sol. Sn.	Cu.	As.	S. Fe.	Pb.	Zn.	Bi.	WO ₃	Ag g/t			
"Loda Beds	6.2	43.0														
	9.4	21.6	8.2m (true)	0.15												
	33.8	40.8	4.9m (true)	0.18												
Renison Assay	7.3	42.4	28.8m (true) guesstimate 15m TRUE THICKNESS	0.24	0.04	0.15	<0.10	35.6				<0.01				

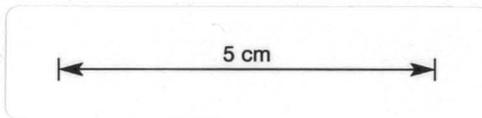
181031

HOLE No. 1. M.L. 18

SCALE:



RENISON LIMITED
DIAMOND DRILL HOLE PLOT

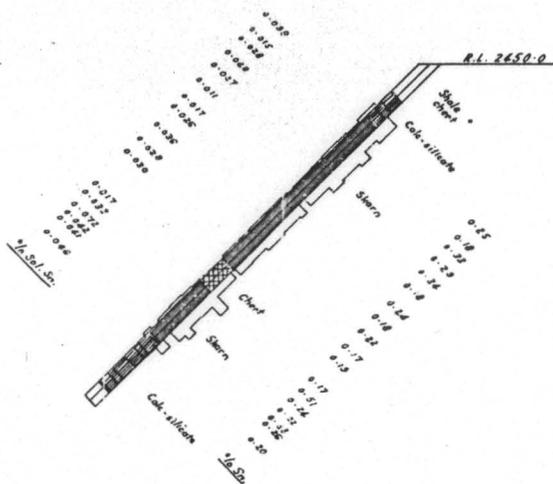


050

PLAN



2450.0
2446.5
2443.8
2418.0
2424.7
2420.4
2414.8
2413.6



DIP PROFILE

181032

K ISON LIMITED - DIAMOND DRILL RECORD

047

HOLE NUMBER	ML 19	SURVEY			From - To	Distance D	VERTICAL		HORIZONTAL	
		Depth	Bearing	Dip			D. Sin Dip	R.L.	D. Cos Dip	Prog. Total
PURPOSE			N20°E	-45°	0.66.6	66.6	47.1	2473.2	47.1	47.1
LOCATION	Mt. Lindsay		47°RM G							
CCLLAR R.L.	2473.2									
CO-ORDINATES	31692.9N 11059.5E									
LENGTH	66.6m									
HOLE SIZE	EX									
COMMENCED	26-1-64									
COMPLETED	6-2-64									
SIGNIFICANT CORE LOSS ZONES	Recovery 98%									
ORE ZONE GROUND CONDITIONS										
LOGGED BY	J. Couper, J.L. Morton									
COMMENTS										

SUMMARY - ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m.)	AVERAGE WEIGHTED ASSAYS					
				Sn.	Cu.	As.	S.		

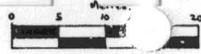
SUMMARY METALLURGICAL DATA COMPOSITE SAMPLE

LODE NAME	FROM	TO	Sn.	Cu.	As.	S	Ca F ₂	Ag.	Bi		Sn - Rec.	Cu - Rec.	Carb.	Silic.	S.G.

181033

HOLE No. : M.L. 19.

SCALE :



DIAMOND DRILL HOLE PLOT

NW/4

3450.0
INCO. 0.4

2473.2

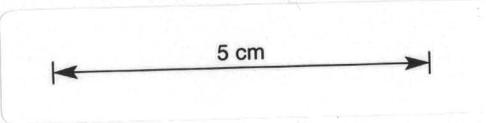
3153.1
NE 1038.5 E

3172.3
NW 1038.5 E

Shale

2416.1

3171



048

181034

RECON LIMITED - DIAMOND DRILL RECC

045

HOLE NUMBER	ML 20	SURVEY			From - To	Distance D	VERTICAL		HORIZONTAL		
		Depth	Bearing	Dip			D. Sin Dip	R.L.	D. Cos Dip	Prog. Total	
PURPOSE			N 20°E 47° R.M.G.	-45				2476.1 65.1	2411.0	65.1	65.1
LOCATION	Mt. Lindsay										
COLLAR R.L.	2476.1										
CO-ORDINATES	31669.7 N 11078.6 E										
LENGTH	91.9m										
HOLE SIZE	EX										
COMMENCED	2-12-63										
COMPLETED											
SIGNIFICANT CORE LOSS ZONES	Recovery 98%										
ORE ZONE GROUND CONDITIONS											
LOGGED BY	A.McGain, J.L.Morton										
COMMENTS											

SUMMARY - ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m.)	AVERAGE WEIGHTED ASSAYS									
				Sn.	Cu.	As.	S.						

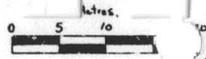
SUMMARY METALLURGICAL DATA COMPOSITE SAMPLE

LODE NAME	FROM	TO	Sn.	Cu.	As.	S	Ca F ₂	Ag.	Bi		Sn - Rec.	Cu - Rec.	Carb.	Silic.	S.G.

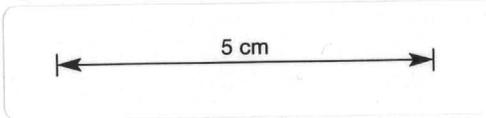
181035

HOLE No.: M.L. 20.

SCALE:

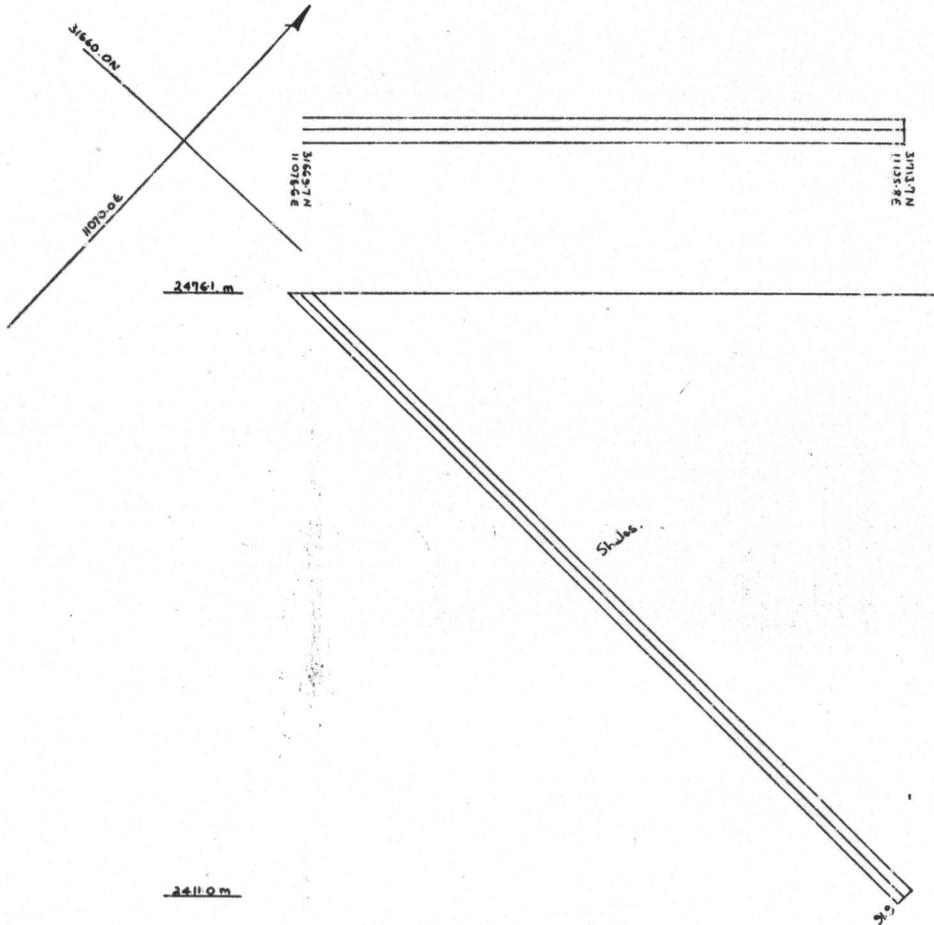


MINISON LITEL
DIAMOND DRILL HOLE PLOT



046

NW/4



181036

REYSON LIMITED - DIAMOND DRILL REC.

043

HOLE NUMBER	ML 21	SURVEY			From - To	Distance D	VERTICAL		HORIZONTAL	
		Depth	Bearing	Dip			D. Sin Dip	R.L.	D. Cos Dip	Prog. Total
PURPOSE			N20°E	-45°				2474.8		
			47°		0 - 64.3	64.3	45.5	2429.3	45.5	45.5
			(R.M.G.)							
LOCATION	Mt. Lindsay									
COLLAR R.L.	2474.8									
CO-ORDINATES	31647.4 N 11097.5 E									
LENGTH	64.3m									
HOLE SIZE	EX									
COMMENCED										
COMPLETED	24-1-64									
SIGNIFICANT CORE LOSS ZONES	Recovery 95.5%									
ORE ZONE GROUND CONDITIONS										
LOGGED BY										
COMMENTS										

SUMMARY - ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m.)	AVERAGE WEIGHTED ASSAYS									
				Sn.	Cu.	As.	S.						

SUMMARY METALLURGICAL DATA COMPOSITE SAMPLE

LODE NAME	FROM	TO	Sn.	Cu.	As.	S	Ca F ₂	Ag.	Bi		Sn - Rec.	Cu - Rec.	Carb.	Silic.	S.G.

181037

HOLE No. : M.I. 21.

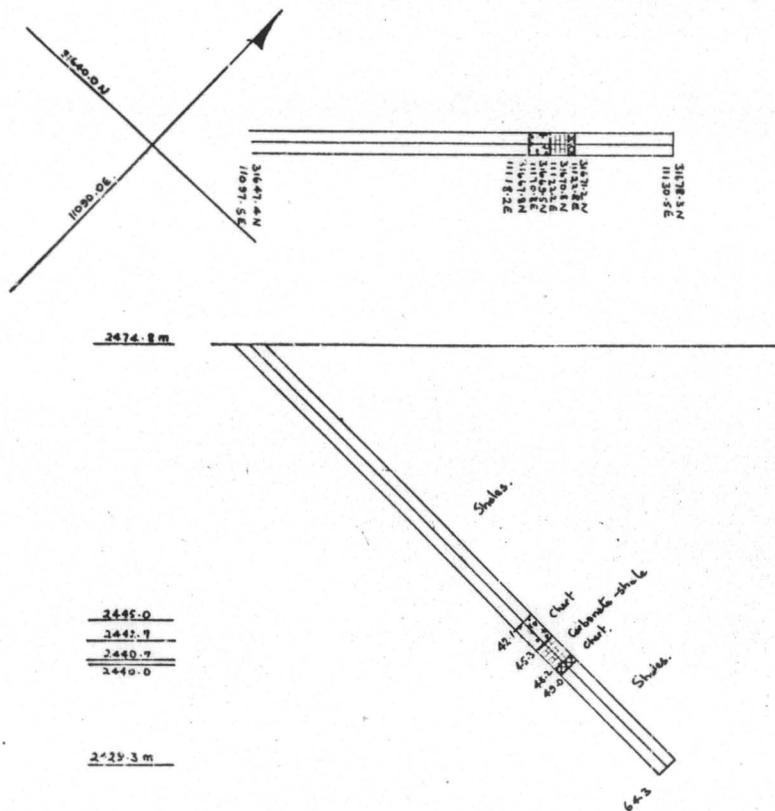
SCALE :



KENISON LIMITED
DIAMOND DRILL HOLE PLOT

044

5 cm



181038

RECON LIMITED -- DIAMOND DRILL RECORD

041

HOLE NUMBER	ML 22	SURVEY			From - To	Distance D	VERTICAL		HORIZONTAL	
		Depth	Bearing	Dip			D. Sin Dip	R.L.	D. Cos Dip	Prog. Total
PURPOSE			N20°E	-45				2471.3		
					0 - 70.3	70.3	49.8	2421.5	49.8	49.8
LOCATION	Mt. Lindsay									
COLLAR R.L.	2471.3									
CO-ORDINATES	31628.4 N 11130.4 E									
LENGTH	70.3 m									
HOLE SIZE	EX									
COMMENCED										
COMPLETED	7-3-64									
SIGNIFICANT CORE LOSS ZONES	Recovery 92%									
ORE ZONE GROUND CONDITIONS										
LOGGED BY	A. McGain									
COMMENTS										

Blasting notes
 15' - 138 m
 200 - 626 }
 Trace S

SUMMARY - ASSAY DATA

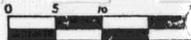
LODE NAME	FROM	TO	LENGTH (m.)	AVERAGE WEIGHTED ASSAYS									
				Sn.	Cu.	As.	S.						

SUMMARY METALLURGICAL DATA COMPOSITE SAMPLE

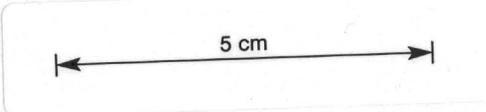
LODE NAME	FROM	TO	Sn.	Cu.	As.	S	Ca F ₂	Ag.	Bi		Sn - Rec.	Cu - Rec.	Crb.	Silic.	S.G.

181039

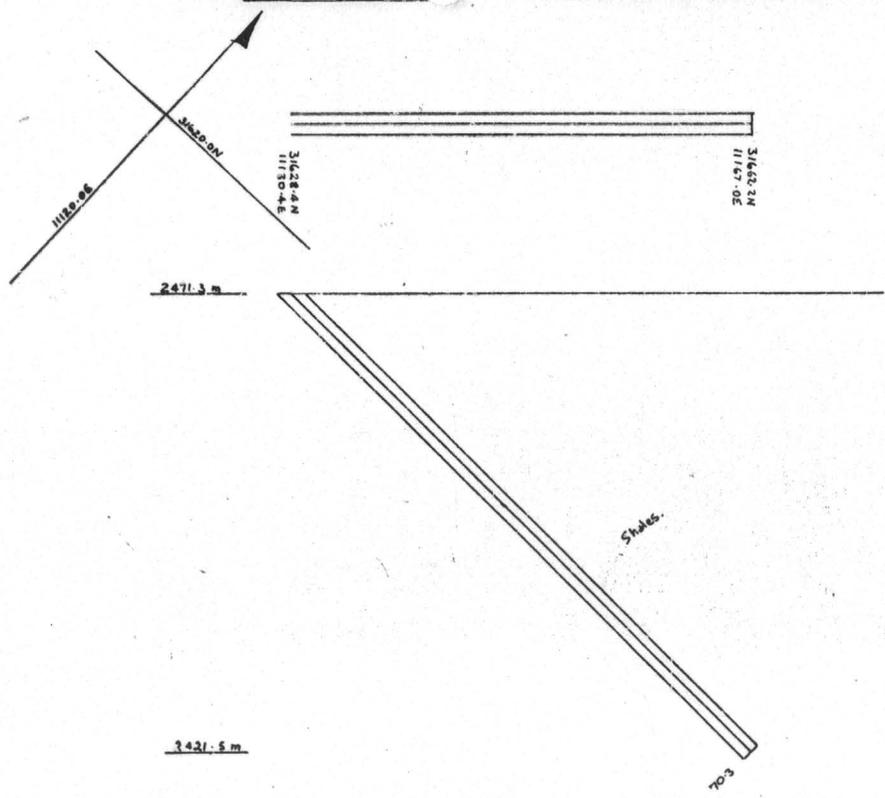
HOLE No.: M.L. 22.

SCALE: 

SON ITED
DIAMOND DRILL HOLE PLOT



042



181040

REINSON LIMITED - DIAMOND DRILL RECORD

039

HOLE NUMBER	ML 29	SURVEY			From - To	Distance D	VERTICAL		HORIZONTAL	
		Depth	Bearing	Dip			D. Sin Dip	R.L.	D. Cos Dip	Prog. Total
PURPOSE	No 1 Anomaly		N20°E	-45				2449.3		57.1m
			47°		0-80.8	80.8	57.1	2192.2		
			Reinson Ame Grid.							
LOCATION	Mt.Lindsay									
COLLAR R.L.	2449.3									
CO-ORDINATES	31543.9 N 11161.9 E									
LENGTH	80.8m									
HOLE SIZE	EX									
COMMENCED										
COMPLETED	20-3-64									
SIGNIFICANT CORE LOSS ZONES	Recovery 93.7%									
ORE ZONE GROUND CONDITIONS										
LOGGED BY	J.K.Couper									
COMMENTS										

SUMMARY - ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m.)	AVERAGE WEIGHTED ASSAYS				
				Sn.	Cu.	As.	S.	

SUMMARY METALLURGICAL DATA COMPOSITE SAMPLE

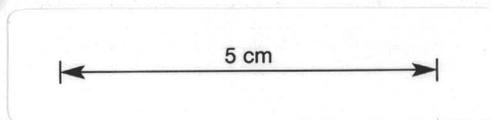
LODE NAME	FROM	TO	Sn.	Cu.	As.	S	Ca F ₂	Ag.	Bi		Sn - Rec.	Cu - Rec.	Carb.	Silic.	S.G.

181041

HOLE No.: M.L. 29.

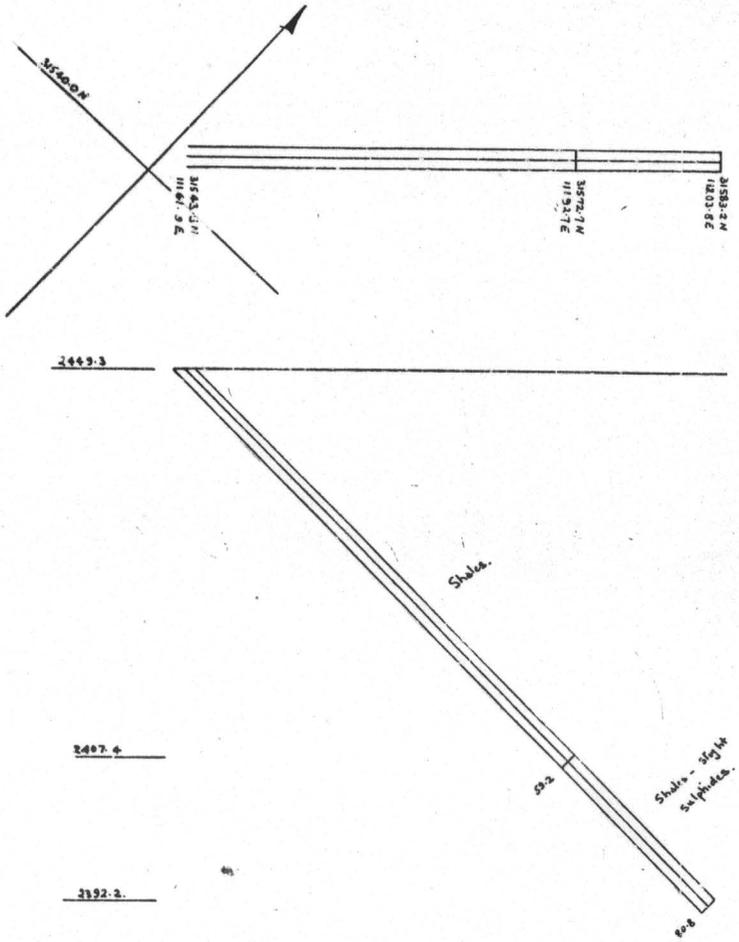


DIAMOND DRILL HOLE PLOT



0/40

NW/4



181042

REASON LIMITED - DRILL CORE RECORD

027

HOLE NUMBER	M.L. 30	SURVEY			From-To	Distance D	VERTICAL		HORIZONTAL	
		Depth	Bearing	Dip			D.Sin.Dip	R.L.	D.Cos.Dip	Prog. Total
PURPOSE	To test MAIN LODE	0	027	-60	0			2577.6		
LOCATION					170.7	170.7	147.8	2429.6		85.4
COLLAR R.L.	2577.6m (2112.5')									
CO-ORDINATES	32273.5mN (1913'N) 10598.2mE (2050'E)									
LENGTH	170.7m (560')									
HOLE SIZE										
DATE DRILLED	Summer 1964 - 1965									
SIGNIFICANT CORE LOSS ZONES										
ORE ZONE GROUND CONDITIONS										
LOGGED BY	J. K. Couper									
COMMENTS	Reason has core from 86.9m (285') to 169.8 (557') Hole not surveyed. Assays not complete. Fault recorded at 78.6m, correlates with fault in M.L. 9, and in No 1 West X-Cut.									

SUMMARY - ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m)	AVERAGE WEIGHTED ASSAYS											B.C.A.	
				Sn.	Acid Sol. Sn.	Cu.	As.	S.	Pb.	Zn.	Bi.	WO ₃	Ag g/t			
LODE BEDS	92.4	167.0														
	114.0	116.8	1.8m(true)	0.33												
	129.1	137.2	4.3m(true)	0.15												
Reason Assays	103.6	106.7	see log.													
Shan Zone	103.3	156.1	52.8m E.T.T. 35m													

181043

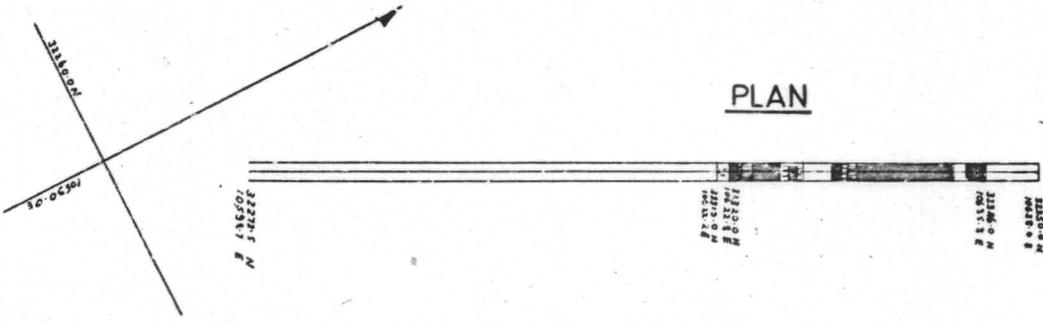
HOLE No.: M.L. 30

SCALE:

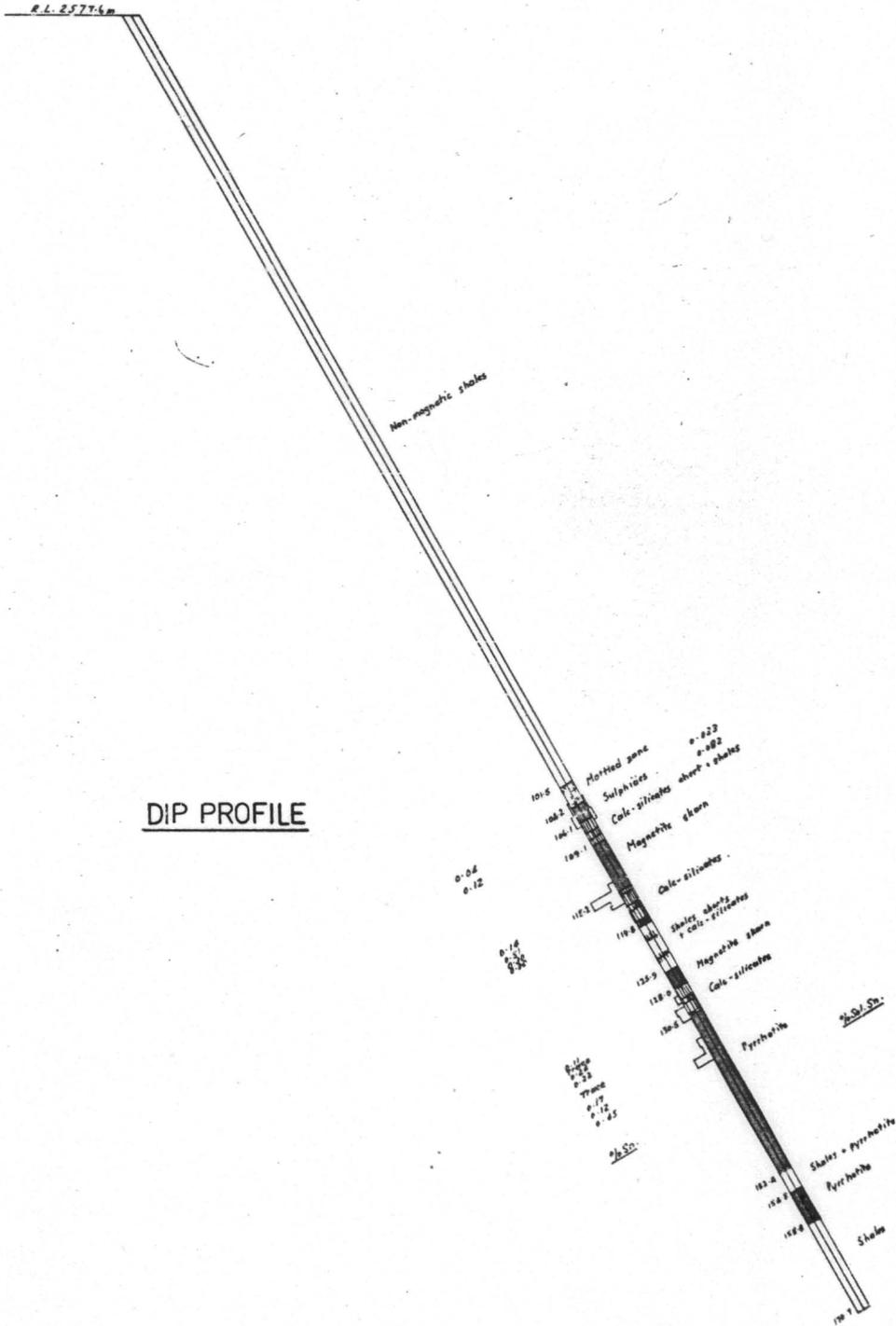


RENISON LIMITED
DIAMOND DRILL HOLE PLOT

PLAN



DIP PROFILE



2482.6
2487.5
2488.4
2492.4
2497.4
2475.2
2468.2
2464.1
2461.4

2445.3
2442.1
2439.4

R.L. 2425.6

RENISON LIMITED - DRILL CORE RECORD

035

HOLE NUMBER	M.L. 31	SURVEY			From - To	Distance D	VERTICAL		HORIZONTAL	
		Depth	Bearing	Dip			D. Sin Dip	R.L.	D. Cos Dip	Prog. Total
PURPOSE	To test MAIN LOBE	0	207	-50	0			2536.4		
					213.1	213.1	163.2	2373.2		137.7
LOCATION										
COLIAR R.L.	2536.4 (1963')									
CO-ORDINATES	32378.8mN (2438'N) 10736.3mE (2277'E)									
LENGTH	213.1m (699')									
HOLE SIZE										
DATE DRILLED	Summer 1964 - 1965									
SIGNIFICANT CORE LOSS ZONES										
ORE ZONE GROUND CONDITIONS										
LOGGED BY										
COMMENTS	Hole abandoned at 213.1m, after drilling 44.8m of lode material due to unavailability of rods. Renison has complete hole, Complete assays of split sections not available.									

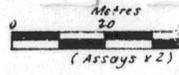
SUMMARY - ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m)	AVERAGE WEIGHTED ASSAYS										S.C.A.		
				Sn.	Acid Sol. Sn.	Cu.	As.	Fe.	Pb.	Zn.	Bi.	WO ₂	Ag g/t			
LODE BEDS	168.2	213.1														
	208.0	211.8	1.5m (true)	0.15												
RENISON ASSAYS	192.3	212.1	19.8m down hole.	0.25	0.25	0.05	0.17	31.9				0.01				
			Trace Wd. > 15m													

181045

HOLE No. 1. M.L. 31

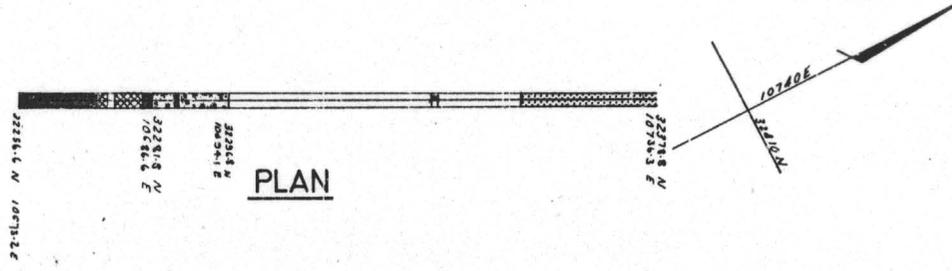
SCALE:



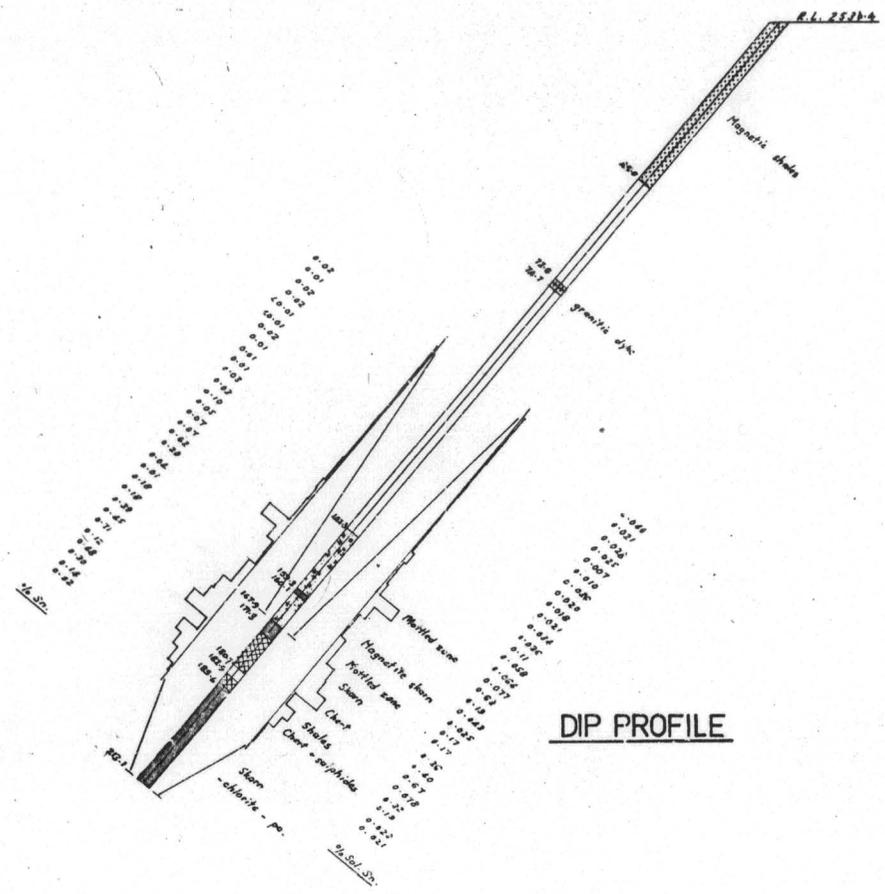
RECORDED DIAMOND DRILL HOLE PLOT

5 cm

036



2536.4
2502.9
2435.9
2406.4
2403.9
2423.4
2275.4



181046

RENISON LIMITED - DRILL CORE RECORD

033

HOLE NUMBER	M.L. 32	SURVEY			From - To	Distance D	VERTICAL		HORIZONTAL	
		Depth	Bearing	Dip			D.Sin.Dip	R.L.	D.Cos.Dip	Prog. Total
PURPOSE	To test MAIN LODE	0	027	-55	0			2467.4		
					118.9	118.9	97.4	2370.0		68.2
LOCATION										
COLLAR R.L.	2467.4m (1737')									
CO-ORDINATES	32053.7mN (1679'E) 10876.9mE (3233'E)									
LENGTH	118.9m (390')									
MOLE SIZE										
DATE DRILLED	Summer 1964 - 1965									
SIGNIFICANT CORE LOSS ZONES										
ORE ZONE GROUND CONDITIONS										
LOGGED BY										
COMMENTS	Hole not surveyed. No log available. Assays are incomplete Renison has core from 0 - 118.9m.									

SUMMARY - ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m)	AVERAGE WEIGHTED ASSAYS										B.C.A.		
				Sn.	Acid Sol. Sn.	Cu.	As.	Fe.	Pb.	Zn.	Bi.	WO ₂	Ag g/t			
LODE BEDS	84.9	106.0	21.1m 3.7.7 15m													
	95.1	99.1	2.4m (true)	U.22												
RENISON REASSAY	82.9	110.6	27.7m down hole	0.32	0.12	0.07	<0.10	18.6						<0.01		
including	84.7	103.0	18.3m down hole	0.41	0.17	0.09	<0.10	23.8						<0.01		

181047

RENISON LIMITED - DRILL CORE RECORD

031

HOLE NUMBER	M.L. 33	SURVEY			From - To	Distance D	VERTICAL		HORIZONTAL	
		Depth	Bearing	Dip			D.Sin.Dip	R.L.	D.Cos.Dip	Prog. Total
PURPOSE	To test MAIN LODE	0	027	-62	0			2482.2		
LOCATION					134.1	134.1	118.4	2363.8	63.0	63.0
COLLAR R.L.	2482.2m (1781')									
CO-ORDINATES	31996.8mN (1636'N) 10916.4mE (3407'E)									
LENGTH	134.1m (440')									
HOLE SIZE										
DATE DRILLED	Summer 1964 - 1965									
SIGNIFICANT CORE LOSS ZONES										
ORE ZONE GROUND CONDITIONS										
LOGGED BY										
COMMENTS	Renison has core from 0 - 134.1m Hole not surveyed. Assays are incomplete.									

SUMMARY - ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m)	AVERAGE WEIGHTED ASSAYS											B.C.A.
				Sn.	Acid Sol. Sn.	Cu.	As.	Fe	Pb.	Zn.	Bi.	WO ₃	Ag g/t		
LODE BEDS	110.3	126.5		Trace											
RENISON ASSAY	113.1	125.5	13.4	0.29	0.11	0.10	0.91	27.0					0.25		
			down hole												
including	113.1	125.3	12.2m	0.30	0.13	0.10	0.99	27.9					0.27		
			down hole												
			10m E.T.T												

181049

ISON LIMITED - DIAMOND DRILL RECORD

029

HOLE NUMBER	M.L. 34	SURVEY			From - To	Distance 0	VERTICAL		HORIZONTAL	
		Depth	Bearing	Dip			D. Sin Dip	R.L.	D. Cos Dip	Prog. Total
PURPOSE	To test strong I.P. conductivity anomaly coincident with magnetic and arsenic anomalies.	0	44.2°	- 46.8°	0-11	11	8.0	2201.3 2193.3	7.5	7.5
LOCATION	MT. LINDSAY E.L. 18/73	22.5	44.4	- 48	11-34	23	17.1	2176.2	15.4	22.9
		46.5	43.8	- 51.1	34-58	24	18.8	2157.4	14.9	37.8
COLLAR R.L.	2201.3	70.5	43.1	- 52	58-82	24	18.9	2138.5	14.8	52.6
		94.5	42.5	- 53	82-106	24	19.2	2119.3	14.4	67.0
CO-ORDINATES	309° 18.5 N 94° 10.0 E	118.5	41.9	- 51	106-130	24	18.7	2100.6	15.1	82.1
		142.5	41.2	- 46	130-154	24	17.3	2083.3	16.7	98.8
LENGTH	340m	166.5	40.6	- 45	154-178	24	17.0	2066.3	17.0	115.8
		190.5	40.0	- 43.1	178-202	24	16.5	2049.8	17.4	133.2
HOLE SIZE	0 - 99 NQ 99 - 340 BQ	214.5	39.3	- 42.1	202-226	24	16.2	2033.6	17.7	150.9
		238.5	38.7	- 40	226-250	24	15.4	2018.2	18.4	169.3
COMMENCED	4-12-75	262.5	38.1	- 40	250-274	24	15.4	2002.8	18.4	187.7
		286.5	37.4	- 37.1	274-298	24	14.6	1983.2	19.0	206.7
COMPLETED	18-12-75	310.5	36.8	- 36	298-316	18	10.6	1977.6	14.6	221.3
		322.5	36.5	- 35	316-330	14	8.0	1969.6	11.5	232.8
SIGNIFICANT CORE LOSS ZONES		340.	36.0	- 34.1	330-340	10	5.9	1963.7	8.7	241.5
ORE ZONE GROUND CONDITIONS										
LOGGED BY	A. ROSS									
COMMENTS	Drilled with 10L. 15m NW casing left between 84m and 99m. HW cased to 72m.									

SUMMARY - ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m.)	AVERAGE WEIGHTED ASSAYS						
				Sn.	Cu.	As.	S.			

SUMMARY METALLURGICAL DATA COMPOSITE SAMPLE

LODE NAME	FROM	TO	Sn.	Cu.	As.	S.	Ca F ₂	Ag.	Bi.		Sn - Rec.	Cu - Rec.	Carb.	Silic.	S.O.

181051

REASON LIMITED - DIAMOND DRILL RECORD

HOLE NUMBER	M.L. 35	SURVEY			From - To	Distance D	VERTICAL		HORIZONTAL	
		Depth	Bearing	Dip			D. Sin Dip	R.L.	D. Cos Dip	Prog. Total
PURPOSE	To test Main Lode							2466.1		
		0	43.2	-51	0 -15	15	11.7	2454.4	9.4	9.4
		30	43.0	-54	42	27	21.8	2432.6	15.9	25.3
LOCATION	MT. LINDSAY	54	42.7	-52½	66	24	19.0	2413.6	14.6	39.9
		78	42.4	-52½	90	24	19.0	2394.6	14.6	54.5
COLLAR R.L.	2466.1	102	42.1	-52	114	24	18.9	2375.7	14.8	69.3
		126	41.8	-51	138	24	18.7	2357.0	15.1	84.4
CO-ORDINATES	32026.7 N 10684.1 E	150	41.5	-50	162	24	18.4	2338.6	15.4	99.8
		174	41.2	-50	183	21	16.1	2322.5	13.5	113.3
LENGTH	282 m	192	41.0	-50	202	19	14.6	2307.9	12.2	125.5
		216	40.7	-50	282	80	61.3	2246.6	51.4	176.9
HOLE SIZE	0-69 NQ 69-282 BQ									
COMMENCED	7-1-76									
COMPLETED	22-1-76									
SIGNIFICANT CORE LOSS ZONES	<i>Some core lost in broken zone from 195 - 209m.</i>									
ORE ZONE GROUND CONDITIONS	<i>N.W. Rocks very broken</i>									
LOGGED BY	A. Ross									
COMMENTS	Drilled with 10L. Hit water between 185 - 210m and at granite contact. Cave in at 190m. HW cased to 57m.									

027

SUMMARY - ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m.)	AVERAGE WEIGHTED ASSAYS								WGS
				Sn.	Cu.	As.	S.	Pb	Zn	Bi	Mo	
MAIN ORE ZONE	198.0m	210.0m	12.0m	0.26	0.086	0.23	2.81	0.002	0.010	0.03	0.002	0.03
		<i>Estimated True Thickness</i>	9.0m	<i>Approx 0.1% Acid Soluble Sn</i>								

SUMMARY METALLURGICAL DATA COMPOSITE SAMPLE

LODE NAME	FROM	TO	Sn.	Cu.	As.	S	Cs F ₂	Ag.	Bi	Sn - Rec.	Cu - Rec.	Carb.	Silic.	S.G.

181053

ROBINSON LIMITED - DIAMOND DRILL RECORD

025

HOLE NUMBER	ML 36	SURVEY			From - To	Distance D	VERTICAL		HORIZONTAL	
		Depth	Bearing	Dip			D. Sin Dip	R.L.	D. Cos Dip	Prog. Total
PURPOSE	To test Main Lode.	0	40.5°	- 51°	0-9	9	7.0	2429.5		5.7
		19	40.3	- 52½	9-31	22	17.5	2405.0	13.4	19.1
LOCATION	MT. LINDSAY	43	39.7	- 54	31-55	24	19.4	2385.6	14.1	33.2
		67	38.8	- 55	55-79	24	19.7	2365.9	13.8	47.0
COLLAR H.L.	2429.5	91	38.2	- 54	79-103	24	19.4	2346.5	14.1	61.2
		115	37.9	- 54	103-127	24	19.4	2327.1	14.1	75.2
CO-ORDINATES	31748.5 N 10947.2 E	139	36.7	- 53	127-151	24	19.2	2307.9	14.4	89.6
		163	36.1	- 52	151-175	24	18.9	2289.0	14.8	104.4
LENGTH	439m	187	35.1	- 52	175-199	24	18.9	2270.1	14.8	119.2
		211	34.5	- 51	199-223	24	18.7	2251.4	15.1	134.3
HOLE SIZE	0 - 66 NQ 66 - 439 BQ	235	33.8	- 50	223-244	21	16.1	2235.3	13.5	147.8
		253	33.3	- 47½	244-265	21	15.5	2219.8	14.2	162.0
COMMENCED	25-1-76	277	32.4	- 47	265-289	24	17.6	2202.2	16.4	178.4
		295	32.0	- 47	289-311	22	16.1	2186.1	15.0	193.4
COMPLETED	20-2-76	330	30.9	- 45½	311-348	37	26.4	2159.7	25.9	219.3
		336	26.9	- 45	348-375	27	19.1	2140.6	19.1	238.4
SIGNIFICANT CORE LOSS ZONES		384	24.4	- 45	375-393	18	12.7	2127.9	12.7	251.1
		402	21.9	- 43	393-411	18	12.3	2115.6	13.2	264.3
ORE ZONE GROUND CONDITIONS		420	19.4	- 44	411-425	14	9.7	2105.9	10.1	274.4
		431	16.9	- 45	425-439	14	9.9	2096.0	9.9	284.3
LOGGED BY	A. ROSS									
COMMENTS	Drilled with 10L. Making water from 351m. By end of hole, water flowing ½m out of rods. Hole caved in from 40m when casing pulled.									

SUMMARY - ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m.)	AVERAGE WEIGHTED ASSAYS								W ₀₃	Sol Sn.
				Sn.	Cu.	As.	S.	Pb.	Zn	Mo	Bi		
MAIN LODE	272	316.5	44.5m.	Generally a weakly mineralized carbonate horizon, with mineralization best developed from 306-312m.									
	Estimated True Thickness		40.0m										
containing	304.0	314.0	10.m	0.27	<0.05	0.04	4.8			0.002	0.008	0.04.	
	Estimated True Thickness		9.0m.										
OR	304.0	307.0	3.0m	0.70	<0.05	0.01	10.5	0.004	0.005	0.001	0.008	0.03 0.004	
	Estimated True Thickness		2.7m.										

SUMMARY METALLURGICAL DATA COMPOSITE SAMPLE

LODE NAME	FROM	TO	Sn.	Cu.	As.	S	Ca F ₂	Ag.	Bi	Sn - Rec.	Cu - Rec.	Carb.	Silic.	S.G.

181025

RENISON LIMITED
DIAMOND DRILL HOLE PLOT

HOLE No. 1, ML 36

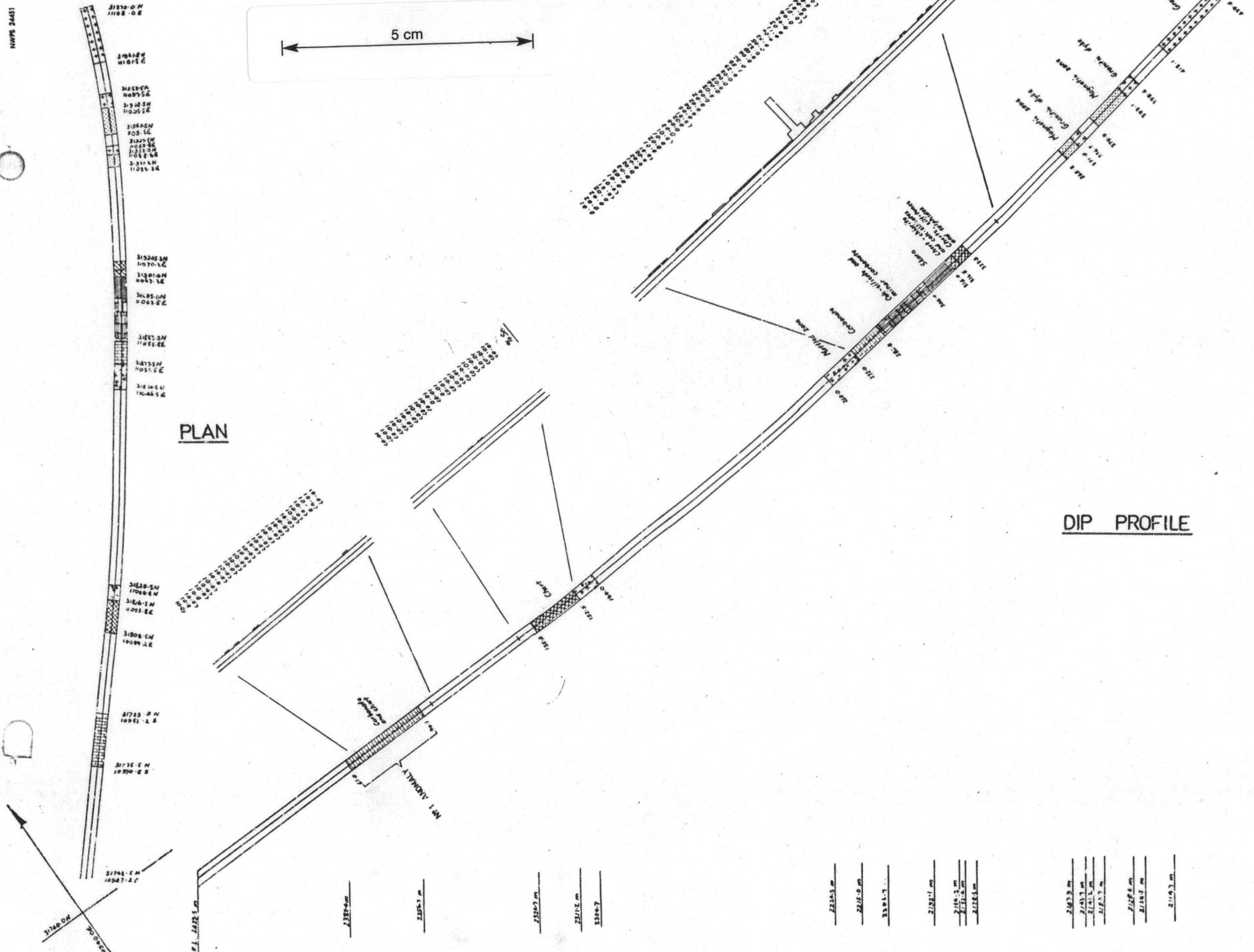
SCALE: 0 10
Metres

5 cm

026

PLAN

DIP PROFILE



181056

RECON LIMITED - DIAMOND DRILL RECORD

023

HOLE NUMBER	M.L. 37	SURVEY			From - To	Distance D	VERTICAL		HORIZONTAL	
		Depth	Bearing	Dip			D. Sin Dip	R.L.	D. Cos Dip	Prog. Total
PURPOSE	To test No.2 Anomaly							2464.3		
		0	40 (7)	-45	0-22	22	15.6	2448.7	15.6	15.6
		45	-	-46	57	35	25.2	2423.5	24.3	39.9
LOCATION	MT. LINDSAY	69	-	-44	81	24	16.7	2406.8	17.3	57.2
		93	38.9	-43	129	48	32.7	2314.1	35.1	92.3
COLLAR R.L.	2464.3	165	36.9	-40	174	45	28.7	2345.2	34.5	126.8
		183	-	-40	195	21	13.5	2331.7	16.1	142.9
CO-ORDINATES	31752.9 N 11204.2 E	207	-	-40	225	30	19.3	2324.4	23.0	165.9
		243	-	-38	252	27	16.6	2295.8	21.3	187.2
LENGTH	349.5 m	261	-	-37	279	27	16.2	2279.6	21.6	208.8
		297	-	-38	306	27	16.6	2263.0	21.3	230.1
HOLE SIZE	0 - 69 Nq 69 - 349.5 BQ	315	36.9	-38	324	18	11.1	2251.9	14.2	244.3
		333	41.9	-38	339	15	9.2	2242.7	11.8	256.1
COMMENCED	14-1-76	345	44.9	-38	350	11	6.8	2235.9	8.7	264.8
COMPLETED	9-2-76									
SIGNIFICANT CORE LOSS ZONES										
ORE ZONE GROUND CONDITIONS										
LOGGED BY	A. ROSS									
COMMENTS	Drilled with F30 Truck Mounted Rig. HQ cased to 55m.									

SUMMARY - ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m.)	AVERAGE WEIGHTED ASSAYS								Zn	
				Sn	Cu	As	Spl Sn	Bi	Mo	WO ₃	Pb		
No. 2 ANOMALY	268.4	303	34.6m										
<i>Values over the full mineralised zone were generally low, but there were two intervals with above average Sn and WO₃ values.</i>													
"H.W. Tin Zone"	270.0	277.0	7.0m	0.13	<0.01	<0.01	0.066	<0.01	<0.01	<0.01			
	<i>Estimated True Thickness</i>		6.0m										
"F.W. Tungsten Zone"	291.0m	296.0m	5.0m	0.05	0.05	0.49	0.036	0.033	<0.01	0.21	0.003	0.004	
	<i>Estimated True Thickness</i>		4.5m										

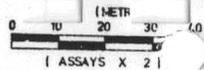
SUMMARY METALLURGICAL DATA COMPOSITE SAMPLE

LODE NAME	FROM	TO	Sn	Cu	As	S	Ca F ₂	Ag	Bi	Sn - Rec.	Cu - Rec.	Carb.	Silic.	S.G.

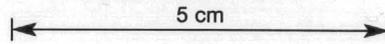
181057

HOLE No.: ML 37

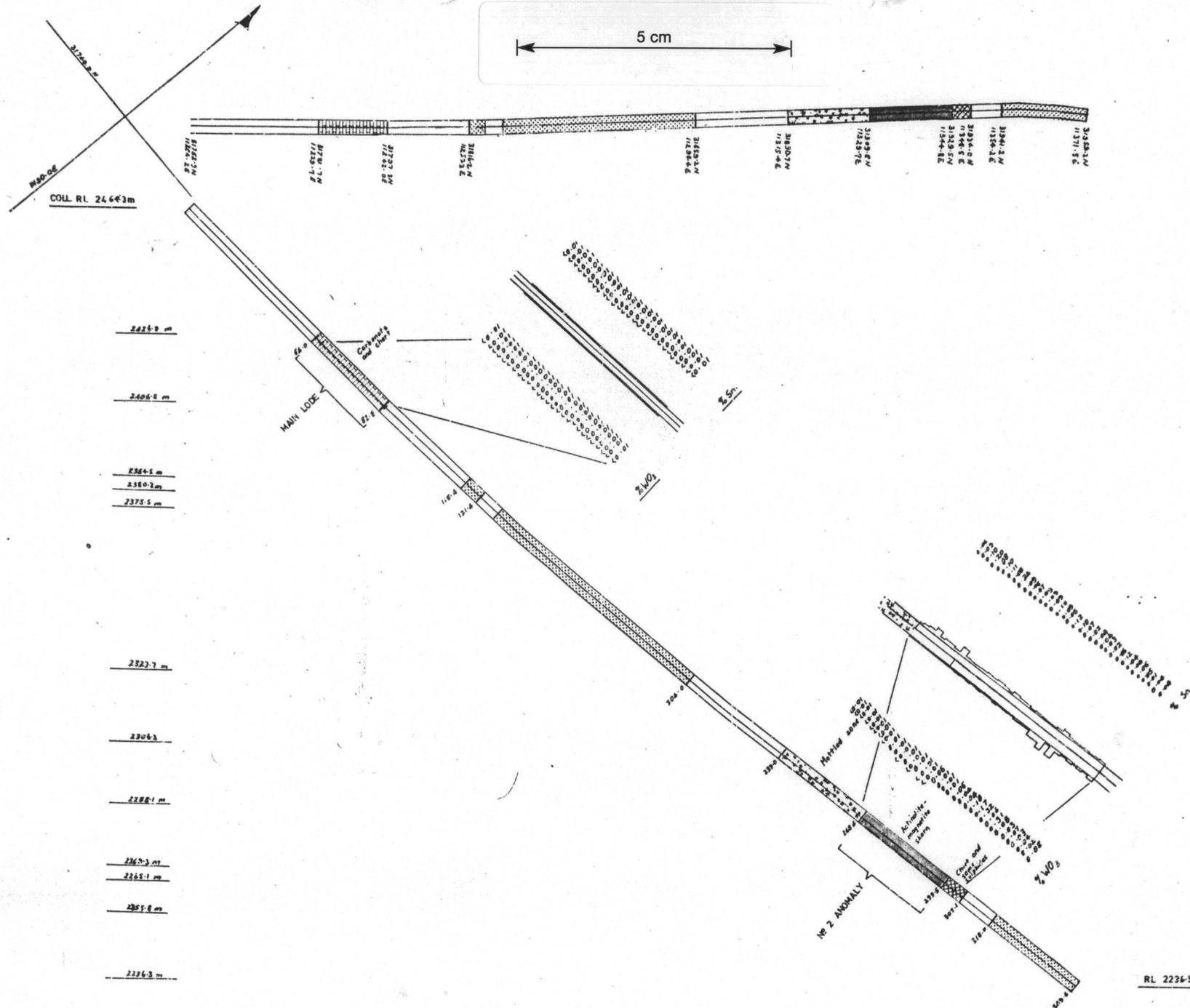
SCALE:



ION TED
DIAMOND DRILL HOLE PLOT



PLAN 024



DIP PROFILE

181058

REINSON LIMITED - DRILL CORE RECORD

HOLE NUMBER	M.L. 38	SURVEY			From - To	Distance D	VERTICAL		HORIZONTAL	
		Depth	Bearing	Dip			D.Sin.Dip	R.L.	D.Cos.Dip	Prog.Total
PURPOSE	To test strong magnetic and arsenic anomalies along strike from mine area.	0	39° 48' 34"	- 48	0 - 2.5	2.5	1.9	2353.7	1.6	1.6
		5	- 38.2	- 50	- 13	10.5	8.0	2345.7	6.7	8.3
		21	36.6	- 47	- 33	2.0	14.6	2331.1	13.6	21.9
LOCATION	Mt. Lindsay.	45	35.8	- 46.5	- 60	27	19.6	2311.5	18.6	40.5
		75	34.7	- 46	- 90	30	21.6	2289.9	20.8	61.3
COLLAR R.L.	2355.6	105	33.6	- 44	- 117	27	18.7	2271.2	19.4	80.7
		129	32.7	- 43.5	- 141	24	16.5	2254.7	17.5	98.2
CO-ORDINATES	31282.4N 11472.7E	153	31.9	- 43	- 165	24	16.3	2238.4	17.5	115.7
		177	31.0	- 42	- 189	24	16.1	2222.3	17.8	133.5
		201	30.1	- 41	- 213	24	15.7	2206.6	18.1	151.6
LENGTH	408.5m	225	29.3	- 40.5	- 249	36	23.4	2183.2	27.4	179.0
		273	27.5	- 38	- 282	33	20.3	2162.9	26.0	205.0
HOLE SIZE	0 - 12 BQ 12 - 408.5 BQ	291	26.9	- 36.5	- 303	21	12.5	2150.4	16.8	221.8
		315	-	- 36	- 327	24	14.1	2136.3	19.4	241.2
DATE DRILLED	12.2.76 - 8/3/76	339	-	- 35.5	- 351	24	13.9	2122.4	19.5	260.7
		363	-	- 35	- 372	21	12.0	2110.4	17.2	277.9
SIGNIFICANT CORE LOSS ZONES		381	-	- 35	- 390	18	10.3	2110.1	14.7	292.6
		399	27.9	- 35	- 402	12	6.9	2093.2	9.8	302.4
ORE ZONE GROUND CONDITIONS		405	-	- 35	406.5	4.5	2.6	2090.6	3.7	306.1
		408	-	- 35	- 408.5	2	1.1	2089.5	1.6	307.7
LOGGED BY	A. Ross.									
COMMENTS	Drilled with F30 truck mounted R16. No casing left in hole.									

SUMMARY - ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m)	AVERAGE WEIGHTED ASSAYS											B.C.A.	
				Sn.	Acid Sol. Sn.	Cu.	As.	S.	Pb.	Zn.	Bi.	WO ₃	Ag g/t	Mo		
	353m	378m	25m	0.79	0.008	0.16	0.20	1.59				0.02	0.04		0.001	
	Estimated	true thickness	23m.													
	353	369	16.0m	1.10	0.01	0.12	0.21	1.26				0.014	0.05		0.001	
	Estimated	true thickness	14.5m													

181059

PANISON LIMITED - DIAMOND DRILL RECORD

020

HOLE NUMBER	ML 35	SURVEY			From -- To	Distance D	VERTICAL		HORIZONTAL	
		Depth	Bearing	Dip			D. Sin Dip	R.L.	D. Cos Dip	Prog. Total
PURPOSE	To test IP, magnetic and As geochemical anomalies.	0	232° 33' 37"	-48° 43'				2411.1		
		12	-	-48	0 - 12	12	8.92	2402.2	8.03	8.0
		24	-	-45	12 - 42	30	21.21	2381.0	21.21	29.2
LOCATION	Mt. Lindsay E.L. 18/73	48	-	-44	42 - 54	12	8.34	2372.7	8.63	37.9
		60	-	-45	54 - 66	12	8.49	2364.2	8.49	46.4
COLLAR R.L.	2411.1	72	234	-44	66 - 78	12	8.34	2355.9	8.63	55.0
		108	234	-43	78 - 114	56	24.55	2331.3	26.33	81.3
CO-ORDINATES	31638.0 N 10272.4 E	120	235	-42½	114-126	12	8.11	2323.2	8.85	90.2
		132	237	-42	126-138	12	8.03	2315.2	8.92	99.1
LENGTH	337.1m	144	-	-41	138-150	12	7.87	2307.3	9.06	108.2
		156	-	-40	150-162	12	7.71	2299.6	9.19	117.3
HOLE SIZE	D-66 INQ 66-337.1 BQ	168	-	-40	162-174	12	7.71	2291.9	9.19	126.5
		180	241	-39	174-186	12	7.55	2284.3	9.33	135.9
COMMENCED	26-11-76	192	-	-39	186-198	12	7.55	2276.7	9.33	145.2
		204	241	-37	198-210	12	7.22	2269.5	9.58	154.8
COMPLETED	5-1-77	216	247	-39	210-222	12	7.55	2262.0	9.33	164.1
		228	-	-38½	222-234	12	7.47	2254.5	9.39	173.5
SIGNIFICANT CORE LOSS ZONES		240	-	-38½	234-246	12	7.47	2247.0	9.39	182.9
		252	-	-39	246-258	12	7.55	2239.5	9.33	192.2
ORE ZONE GROUND CONDITIONS		264	-	-38	258-272	14	8.62	2232.8	11.03	203.2
		276	-	-38	272-337	65	40.0	2190.8	51.22	254.5
LOGGED BY	A. Ross.	337.1	-	-						
COMMENTS	Two carbonate-rich horizons intersected, with traces of pyrrhotite but barren with respect to tin. Strongly magnetic greywacke/siltstone horizon from 219 to 259m probably explains magnetic anomaly. Disseminated pyrrhotite may explain IP anomaly.									

SUMMARY - ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m.)	AVERAGE WEIGHTED ASSAYS					
				Sn.	Cu.	As.	S.	WO ₃	
CARBONATE HORIZON	141.2	165.1	20m (true)	<0.1	0.05	<0.01		<0.01	
CARBONATE HORIZON	289.4	313.4	21m (true)	<0.1					
				(TIN CORE ANALYSES)					

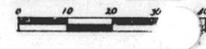
SUMMARY METALLURGICAL DATA COMPOSITE SAMPLE

LODE NAME	FROM	TO	Sn.	Cu.	As.	S	Ca F ₂	Ag.	Bi		Sn - Rec.	Cu - Rec.	Carb.	Silic.	S.G.

181060

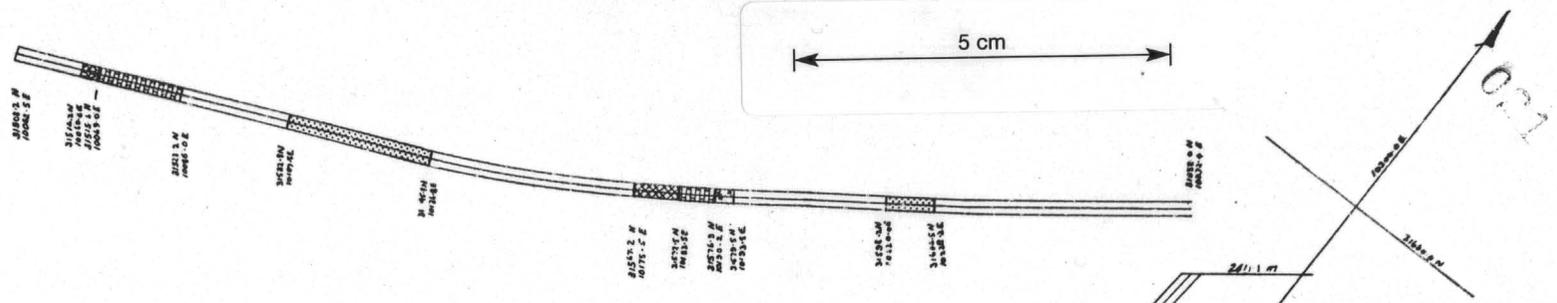
HOLE No. : M.L. 39

SCALE :

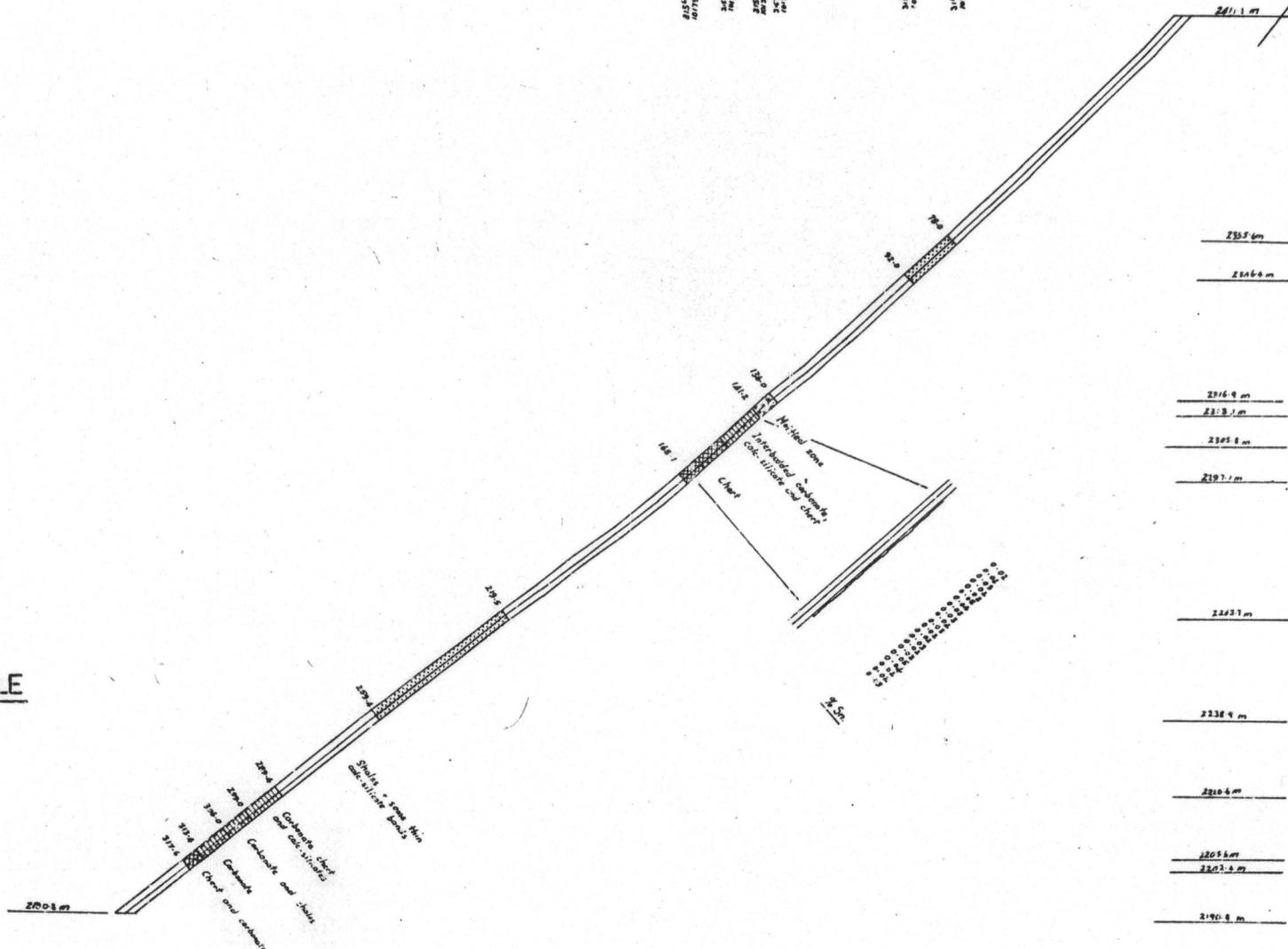


MINISAJIMI
DIAMOND DRILL HOLE PLOT

PLAN



DIP PROFILE



181061

REASON LIMITED - DIAMOND DRILL RECORD

017

HOLE NUMBER	ML41	SURVEY			From - To	Distance D	VERTICAL		HORIZONTAL	
		Depth	Bearing	Dip			D. Sin Dip	R.L.	D. Cos Dip	Prog. Total
PURPOSE	To test sequence between D.D.H 37 & D.D.H. 38						2394.2			
		0	40	-45½	2-20	18	12.84	2280.0	12.6164	14.02
LOCATION	MT. LINDSAY EL 2/63	4	-	-46½	20-63	43	31.19	2248.8	29.5993	13.62
		36	-	-47½	63-140	77	55.39	2293.4	53.4887	97.11
COLLAR R.L.	2394.2	90	41	-46	140-214	74	52.33	2241.1	52.3259	149.44
		190	34*	-45	214-263	49	34.34	2205.8	34.9493	184.39
CO-ORDINATES	31548.7N 11352.2E	238	-	-44½	263-313	50	35.05	2171.7	35.6625	220.05
		288	-	-44½	313-364	51	35.11	2136.6	36.9941	257.04
LENGTH	392m	339	-	-43½	364-392	28	19.10	2117.5	20.4779	277.52
		390	-	-43						
HOLE SIZE	0-29 NQ 29-392 BQ	Bearings affected by magnetite.								
COMMENCED	26/11/76									
COMPLETED	20/1/77									
SIGNIFICANT CORE LOSS ZONES										
ORE ZONE GROUND CONDITIONS										
LOGGED BY	A. ROSS.									
COMMENTS	Intersected magnetite skarn, completely replacing No. 2. Anomaly horizon, from 270.5 to 326. Main lode - missing should be ~ 100m.									

SUMMARY - ASSAY DATA

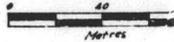
LODE NAME	FROM	TO	LENGTH (m.)	AVERAGE WEIGHTED ASSAYS						
				Sn.	Cu.	As.	S.	WO ₃	TOTAL Fe	Sol Sn
No. 2. ANOMALY SKARN HORIZON	270.5	326	55.5 (44 m)	0.17	<0.1	<0.1		<0.01	35	0.047
including	291	298	7	0.36	<0.1	<0.1		<0.01	36	0.020

SUMMARY METALLURGICAL DATA COMPOSITE SAMPLE

LODE NAME	FROM	TO	Sn.	Cu.	As.	S	Ca F ₂	Ag.	Bi		Sn - Rec.	Cu - Rec.	Carb.	Silic.	S.G.

181063

HOLE No.: ML 41

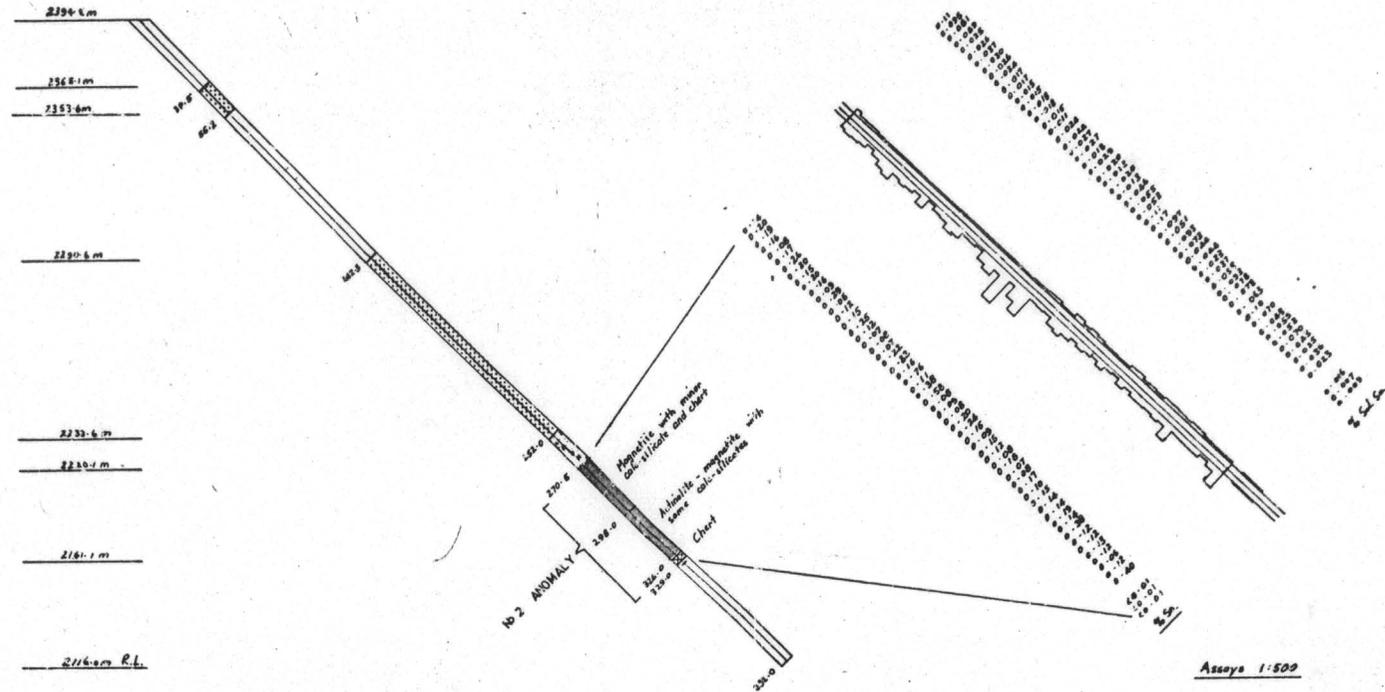
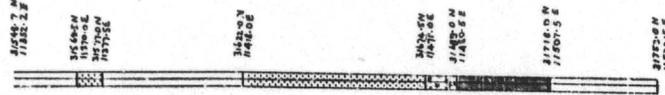
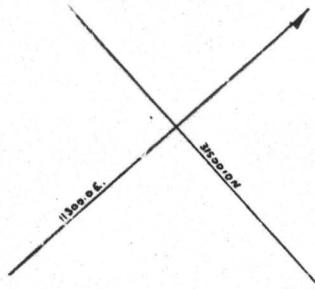
SCALE:  40 Metres

REYNOLSON LIMITED DIAMOND DRILL HOLE PLOT

5 cm

018

PLAN



DIP PROFILE

181064

ROSSON LIMITED - DIAMOND DRILL RECORD

015

HOLE NUMBER	ML 42	SURVEY			From - To	Distance D	VERTICAL		HORIZONTAL	
		Depth	Bearing	Dip			D. Sin Dip	R.L.	D. Cos Dip	Prog. Total
PURPOSE	To test sequence along strike from D.D.H. 38	0	39° 30' 16"	-44° 29'	0-47	47	32.94	2201.6	33.52	33.5
		94		-46 1/2	47-118	71	51.50	2217.2	48.87	82.4
LOCATION	MT. LINDSAY EL 2/63	142		-44 1/2	118-169	51	35.75	2181.4	36.38	118.8
		196		-39	169-223	54	34.00	2147.4	42.00	160.8
COLLAR R.L.	2301.6m	250		-36	223-274	51	30.00	2117.4	41.26	202.1
		298		-35	274-325	51	29.25	2088.1	41.78	243.9
CO-ORDINATES	30915.9 N 11653.6 E	352		-34 1/2	325-379	54	30.59	2057.4	44.50	288.4
		406	035	-34	379-433	54	30.20	2027.3	44.77	333.2
LENGTH	460m	460		-33 1/2	433-460	27	14.90	2012.4	22.51	355.7
HOLE SIZE	0-69 NQ 69-460BQ	Bearings affected by magnetite								
COMMENCED	23-1-77									
COMPLETED	15-2-77									
SIGNIFICANT CORE LOSS ZONES										
ORE ZONE GROUND CONDITIONS										
LOGGED BY	A. ROSS									
COMMENTS	Intersected major barren carbonate rich horizon from 348 to 402m. Similar sequence to D.D.H. 40. Other barren carbonate chert horizons intersected.									

SUMMARY - ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m.)	AVERAGE WEIGHTED ASSAYS				
				Sn.	Cu.	As.	S.	
NO. 2 ANOMALY CARBONATE HORIZON	348	402	50 (true)	<0.1				
				(TIM CORE ANALYSES)				
CARBONATE HORIZON	68	94	26 (true)	<0.1				
CARBONATE HORIZON	193	202	11 (true)	<0.1				

SUMMARY METALLURGICAL DATA COMPOSITE SAMPLE

LODE NAME	FROM	TO	Sn.	Cu.	As.	S	Ca F ₂	Ag.	Bi		Sn - Rec.	Cu - Rec.	Cerb.	Silic.	S.G.

181065

ROSSON LIMITED - DIAMOND DRILL RECORD

013

HOLE NUMBER	ML 43	SURVEY			From - To	Distance D	VERTICAL		HORIZONTAL	
		Depth	Bearing	Dip			D. Sin Dip	R.L.	D. Cos Dip	Prog. Total
PURPOSE	<i>To test Main Lode at old Mt. Lindsay Mine workings.</i>	0	030	-61 $\frac{1}{2}$	0-40	40	35.2	2442.4 2407.2	18.9	18.9
		83	027 $\frac{1}{2}$	-61	40-108	68	59.5	2347.7	33.0	51.9
LOCATION	MT. LINDSAY EL 2/63	130	023	-58 $\frac{1}{2}$	108-152	44	37.4	2310.3	23.2	75.1
		195	009	-52	152-226	74	58.3	2252.0	45.6	120.7
COLLAR R.L.	2442.4	257	012	-50 $\frac{1}{2}$	226-257	31	24.0	2228.0	19.6	140.3
CO-ORDINATES	31966.6 N 10851.4 E									
LENGTH	257m									
HOLE SIZE	0-15 NQ 15-257 BQ									
COMMENCED	17-2-77									
COMPLETED	2-3-77									
SIGNIFICANT CORE LOSS ZONES										
ORE ZONE GROUND CONDITIONS										
LOGGED BY	A. ROSS.									
COMMENTS	<i>Failed to intersect mineralisation. Chert horizon with trace pyrrhotite intersected from 15 to 52m. (No. 1 Anomaly R.S.)</i>									

SUMMARY - ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m.)	AVERAGE WEIGHTED ASSAYS										
				Sn.	Cu.	As.	S.							

SUMMARY METALLURGICAL DATA COMPOSITE SAMPLE

LODE NAME	FROM	TO	Sn.	Cu.	As.	S	Ca F ₂	Ag.	Bi		Sn - Rec.	Cu - Rec.	Carb.	Silic.	S.G.

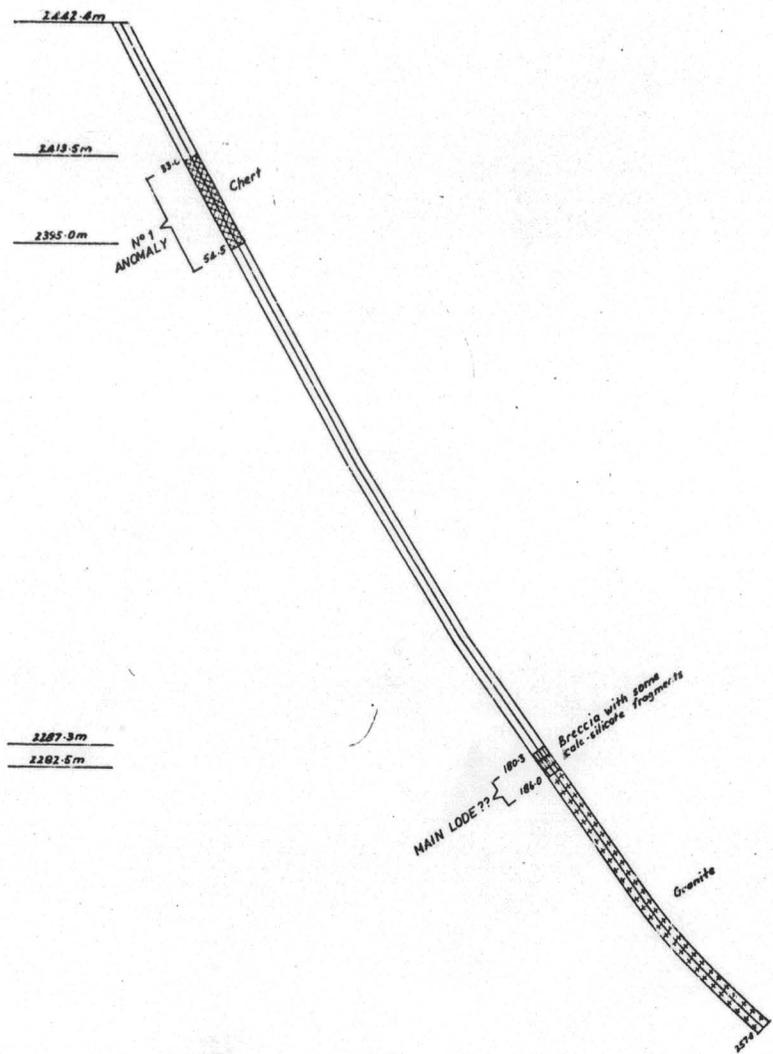
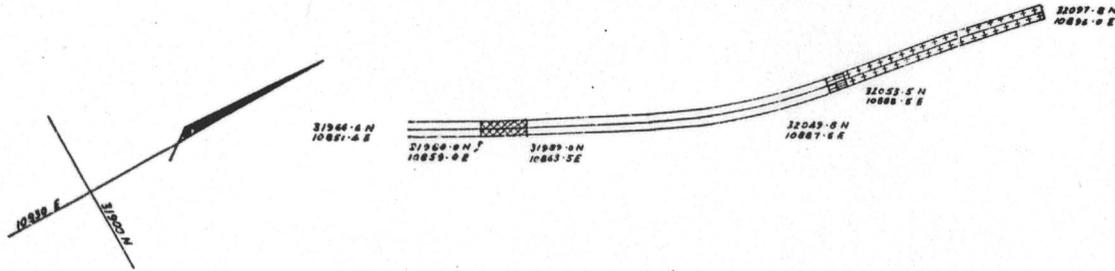
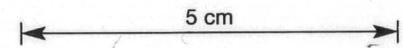
181067

NWPS 28406

RENISON LIMITED DIAMOND DRILL HOLE PLOT

HOLE No. : *ML43*

SCALE :



014

181068

REXSON LIMITED - DIAMOND DRILL RECORD

011

HOLE NUMBER	ML 44	SURVEY			From - To	Distance D	VERTICAL		HORIZONTAL	
		Depth	Bearing	Dip			D. Sin Dip	R.L.	D. Cos Dip	Prog. Total
PURPOSE	<i>To test sequence above D.D.H. 38.</i>							2326.7		
		0	039°	-49	0-50	50	38.0	2288.7	32.5	32.5
LOCATION	MT. LINDSAY EL 2/63	100		-49½	50-126	76	57.6	2231.1	49.6	82.1
		153		-47½	126-176	50	36.7	2194.4	33.9	116.0
COLLAR R.L.	2326.7	202	040	-45½	176-226	50	35.8	2158.6	34.9	150.9
		251		-44½	226-276	50	34.9	2123.7	35.8	186.7
CO-ORDINATES	31441.0 N 11542.3 E	300		-43½	276-326	50	34.6	2089.1	36.1	222.8
		349.4		-42½	326-349	23	15.5	2073.6	17.0	239.8
LENGTH	349.4m	Bearings affected by magnetite								
HOLE SIZE	0-88 NQ 88-349.4 BQ									
COMMENCED	18-2-77									
COMPLETED	8-3-77									
SIGNIFICANT CORE LOSS ZONES										
ORE ZONE GROUND CONDITIONS										
LOGGED BY	A. ROSS.									
COMMENTS	<i>Intersected barren carbonate from 43 to 122m; correlated with major barren carbonate horizons previously intersected in D.D.H's 38, 40, 42.</i>									

SUMMARY - ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m.)	AVERAGE WEIGHTED ASSAYS					
				Sn.	Cu.	As.	S.		
<i>NO. 2 ANOMALY CARBONATE HORIZON</i>	<i>43</i>	<i>122</i>	<i>51 (true)</i>	<i><0.1</i>					
				<i>(TIN CORE ANALYSER)</i>					

SUMMARY METALLURGICAL DATA COMPOSITE SAMPLE

LODE NAME	FROM	TO	Sn.	Cu.	As.	S	Ca F ₂	Ag.	Bi		Sn - Fluc.	Cu - Fluc.	Carb.	Silic.	S.G.

181069

RESOIL LIMITED - DRILL CORE RECORD

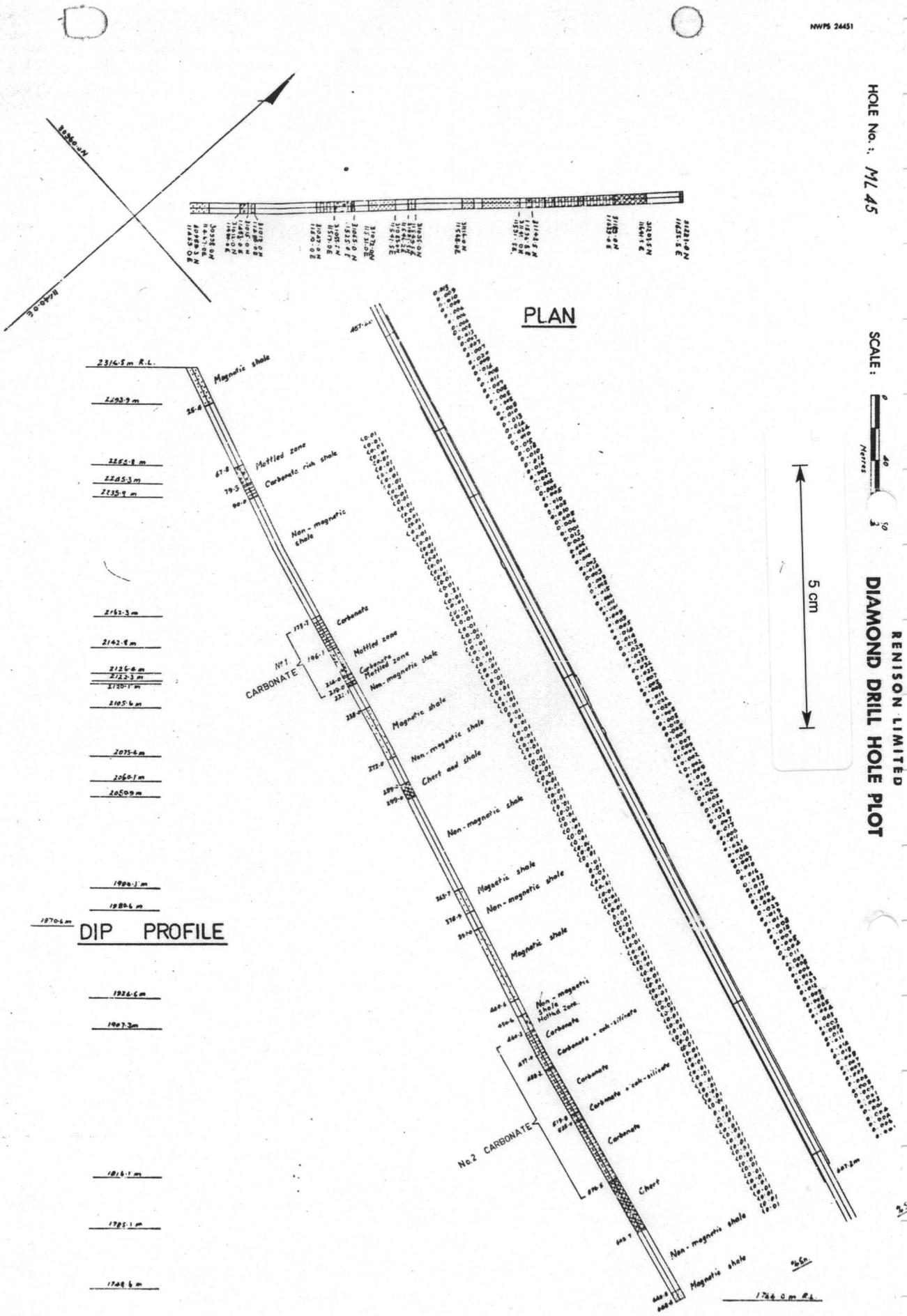
009

HOLE NUMBER	M.L. 45	SURVEY			From - To	Distance D	VERTICAL		HORIZONTAL		
		Depth	Bearing	Dip			D.Sin.Dip	R.L.	D.Cos.Dip	Prog.Total	
PURPOSE	To test mineralisation beneath M.L. 40	casing effects {	0	41°41' 47"	-65° 6' 17"	0 - 25.5	25.5	23.1	2293.4	10.8	10.8
			51.0		-65°	- 75.0	49.5	44.9	2248.5	20.9	31.7
			99.0	37°	-63°	-123.0	48.0	42.7	2205.8	21.8	53.5
LOCATION	Mt. Lindsay		147.0	37½°	-61½°	-171.0	48.0	42.1	2163.7	23.1	76.6
			195.0	38°	-61½°	-219.0	48.0	42.2	2121.5	22.9	99.5
COLLAR R.L.	2316.5 m	Magnetic Shales	243.0	* 43°	-61½°	-267.0	48.0	42.3	2079.2	22.7	122.2
			291.0	38°	-62½°	-320.5	53.5	47.4	2031.8	24.7	146.9
CO-ORDINATES	30989.3 m N 11,659.0 m E		350.0	39°	-62½°	-375.5	55.0	48.8	1983.0	25.4	172.3
			401.0	40°	-62½°	-426.5	51.0	45.2	1937.8	23.5	195.8
LENGTH	648.5m	Magnetic Shales	452.0	* 44°	-62°	-473.5	47.0	41.5	1896.3	22.1	217.9
			495.0	35°	-60½°	-514.5	41.0	35.8	1860.5	20.0	237.9
HOLE SIZE	Nq 0 - 94.5m Bq 94.5 - 648.5m		534.0	37°	-61½°	-575	60.5	53.0	1807.5	29.1	267.0
			616.0	38°	-59½°	-630	55.0	47.5	1760.0	27.7	294.7
DATE DRILLED	15th December 1977		644.0	39°	-60°	-648.5	18.5	16.0	1744.0	9.25	303.9
SIGNIFICANT CORE LOSS ZONES	12th January 1978			(Mine)							
				* Possible Magnetic effects							
ORE ZONE GROUND CONDITIONS											
LOGGED BY	R.R. Schellekens										
COMMENTS	No 2 Carbonate - carbonate, minor calc-silicate bands.										

SUMMARY - ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m)	AVERAGE WEIGHTED ASSAYS										B.C.A.
				Sn.	Acid Sol. Sn.	Cu.	As.	Fe	Pb.	Zn.	Bi.	WO ₃	Ag g/t	
No 2 CARBONATE	460.2	567.5	107.3	< 0.01	0.04	< 0.05	< 0.10	6.1	0.004	0.006	0.007	< 0.01	6	
	567.2	568.2	1.0	< 0.01	0.016	< 0.05	< 0.10	8.9	0.003	0.009	0.004	0.16	2	

181071



DIP PROFILE

181072

010

RENISON LIMITED - DRILL CORE RECORD

007

HOLE NUMBER	M.L. 46 + M.L. 46A (wedge)	SURVEY			From - To	Distance D	VERTICAL		HORIZONTAL	
		Depth	Bearing	Dip			D.Sin.Dip	R.L.	D.Cos.Dip	Prog. Total
PURPOSE	To test mineralisation beneath M.L. 38	0m	42° (?)	-54°	0 - 15.0	15.0	12.1	2309.2	8.8	8.8
		30.0m	** 30° (mine)	-55°	- 55.0	40.0	32.8	2276.4	22.9	31.7
		80.0m	**27°	-52°13'	- 107.5	52.5	41.5	2234.9	32.1	63.8
LOCATION	Mt Lindsay, Tasmania	135.0m	**51°	-54°45'	- 167.75	60.25	43.2	2187.6	37.3	101.1
		200.5m	39½°	-52°	- 220.25	52.5	41.4	2146.2	32.3	133.4
COLLIAR R.L.	2321.3m	240.0m	**50°	-50°	- 277.55	57.3	43.9	2102.3	36.8	170.2
		315.1m	**37°	-53°	- 332.6	55.05	44.0	2058.3	33.1	203.3
CO-ORDINATES	31158.0mN, 11401.8mE	350.1m	40°	-53°	- 372.55	39.95	31.9	2026.4	24.0	227.3
		395.0m	42°15'	-53°	- 422.3	49.75	39.7	1986.7	32.2	259.5
LENGTH	M.L. 46 627.0m M.L. 46A 570.2 - 632.1m	449.6m	**41°	-52°45'	- 475.55	53.25	42.4	1942.7	30.7	290.2
		501.5m	**49°	-53°	- 526.55	51.0	40.7	1903.6	29.5	315.7
HOLE SIZE	Fq 0 - 3.0 Nq 47.8 - 69.1 Hq 3.0 - 47.8 Bq 69.1 - 632.1	551.6m	41½°	-53°	- 576.05	49.5	39.5	1864.1	29.8	349.5
		600.5m	**38°	-52°30'	- 609.50	33.45	26.5	1837.6	20.4	36.9
DATE DRILLED	14th January - 1st March, 1978	618.5m	**42°30'	-51°15'	- 632.1	22.6	17.6	1822.3	14.1	384.0
SIGNIFICANT CORE LOSS ZONES			** Probable Magnetic effects							
ORE ZONE GROUND CONDITIONS	Calc-silicate ground conditions good. Poor ground at fault approximately 4m wide.									
LOGGED BY	R.R. Schellekens									
COMMENTS	Hole abandoned at 45m due to gear stuck in hole (broken rod). Site moved and hole redrilled. Fault encountered at 627.0m. Unable to penetrate. Hole cemented several times and wedged at 570.2m. Hole finally abandoned at 632.1m after penetrating fault and having to pull back for bit change. Unable to get back through fault zone.									

SUMMARY - ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m)	AVERAGE WEIGHTED ASSAYS											B.C.A.
				Sn	Acid Sol. Sn	Cu	As	Fe	Pb	Zn	Bi	WO ₃	Ag g/t		
M.L. 46 Carbonate and Calc-Silicates	578.6	624.6	46.0 (True width 29.6m)	<0.01	0.020	<0.05	<0.10	5.5	0.005	0.009	0.010	<0.01	5		
M.L. 46A Carbonate and Calc-Silicates	580.4	625.2	44.8 (True width 29m)	<0.01	0.019	<0.05	<0.10	5.4	0.006	0.010	0.010	<0.01	7		

181073

RENISON LIMITED - DRILL CORE RECORD

005

HOLE NUMBER	ML 47	SURVEY			From - To	Distance D	VERTICAL		HORIZONTAL	
		Depth	Bearing	Dip			D.Sin,Dip	R.L.	D.Cos.Dip	Prog.Total
PURPOSE	TO TEST MINERALISATION UNDERNEATH M.L. 38	0m	43°48' 31"	-54°15'18"	0 - 24.8	24.8	20.1	2419.7	14.5	14.5
		49.5m	*46°	-55°	- 75.5	50.7	41.5	2372.2	29.1	43.6
		101.5m	45°	-55°	- 125.0	49.5	40.5	2331.7	28.4	72.0
LOCATION	MT. LINDSAY TASMANIA	148.5m	43°	-55.5°	- 174.0	49.0	40.4	2291.3	27.8	99.8
		199.5m	*43°	-56.5°	- 224.0	50.0	41.7	2249.6	27.6	127.4
COLLIAR R.L.	2493.8M	248.5m	? 24°	-58°	- 264.5	40.5	34.3	2215.3	21.5	148.9
		280.5	? 1°	-58°	- 310.5	46.0	39.0	2176.3	24.4	173.3
CO-ORDINATES	31700.0MN 11297.0M E	340.5m	? 36°	-57°	- 356.75	46.25	38.8	2137.5	25.2	198.5
		373.0m	*47°	-57°	- 375.0	18.25	15.3	2122.2	9.9	208.4
LENGTH	375.0M	* Possible Magnetic effects								
HOLE SIZE	Pq 0-3.0m Nq 11.2 - 30.0m Hq 3.0 - 11.2m Bq 30.0 - 375.0m									
DATE DRILLED	25.1.78 to 9.2.78									
SIGNIFICANT CORE LOSS ZONES										
ORE ZONE GROUND CONDITIONS										
LOGGED BY	R. SCHELLEKENS									
COMMENTS	MAGNETITE SKARN ZONE INTERSECTED.									

SUMMARY - ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m)	AVERAGE WEIGHTED ASSAYS											B.C.A.
				Sn.	Acid Sol. Sn.	Cu.	As.	Fe	Pb.	Zn.	Bi.	WO ₃	Ag g/t		
No 2 CARBONATE	297.5	313.0	15.5	0.13	0.07	0.071	< 0.10	44.3	0.002	0.012	0.005	< 0.01	4		
	314.0	315.0	1.0	0.05	0.042	0.02	< 0.10	34.1	0.002	0.010	0.006	0.14	4		

181075

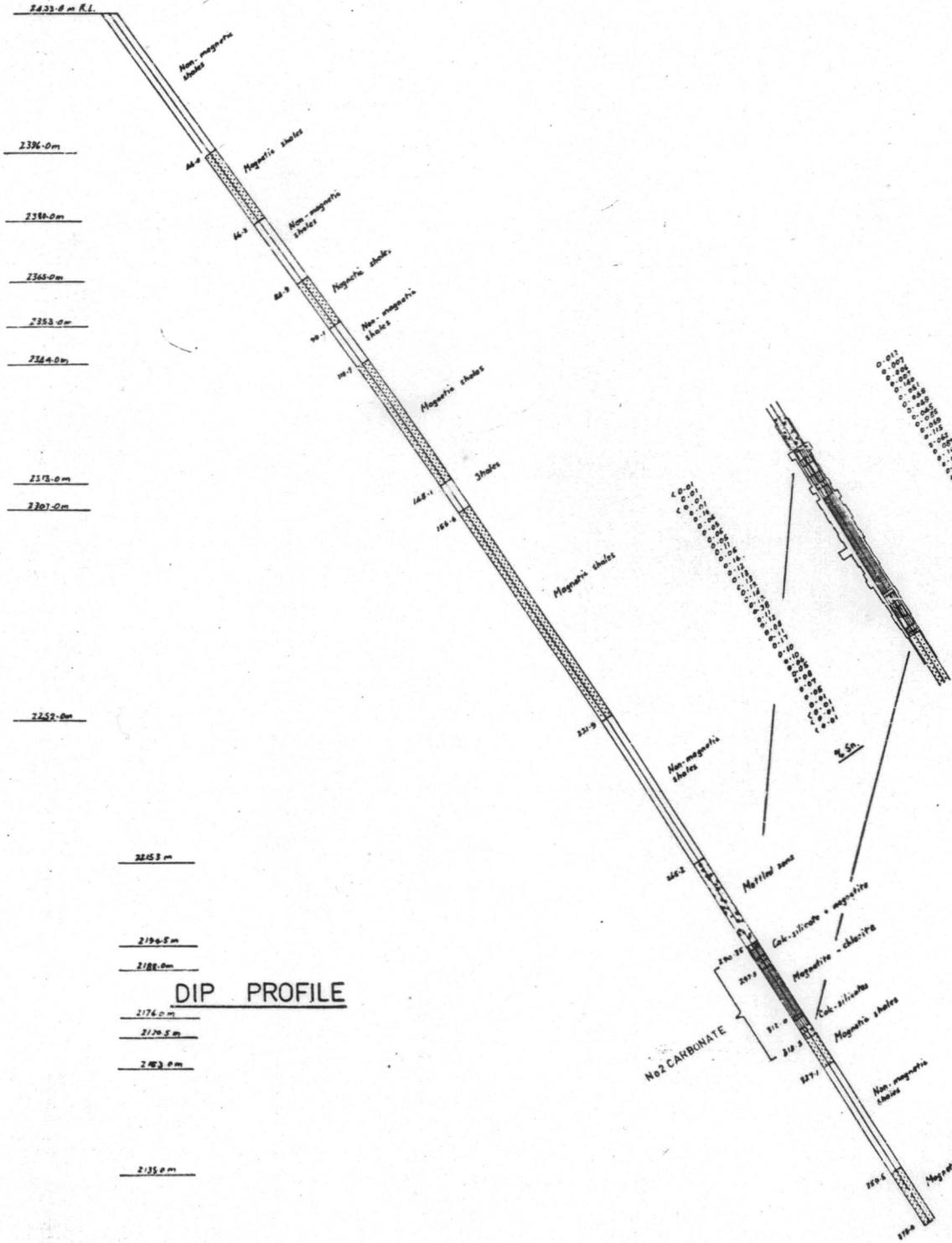
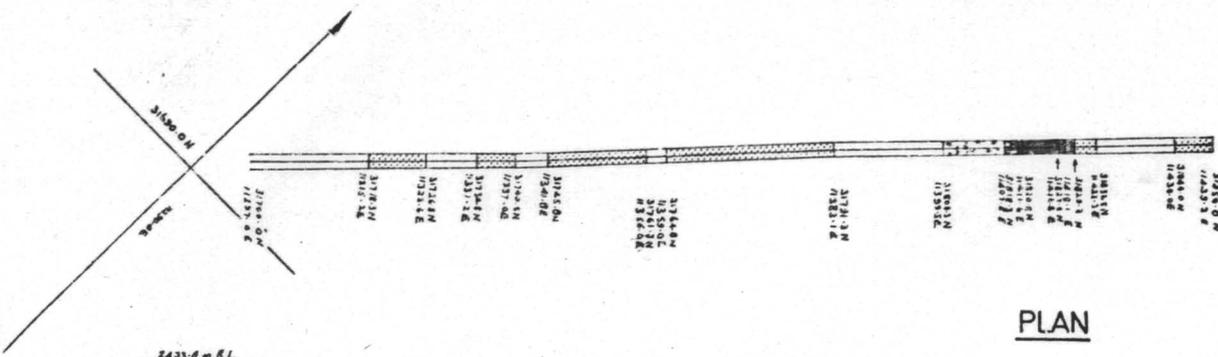
HOLE No.: ML 47

SCALE:



RENISON LIMITED
DIAMOND DRILL HOLE PLOT

PLAN



DIP PROFILE

- 2423.8 m
- 2396.5 m
- 2380.0 m
- 2365.0 m
- 2353.0 m
- 2344.0 m
- 2318.0 m
- 2307.0 m
- 2252.0 m
- 2245.3 m
- 2196.5 m
- 2180.0 m
- 2176.0 m
- 2126.5 m
- 2123.0 m
- 2135.0 m

181076

006

RENISON LIMITED - DRILL CORE RECORD

003

HOLE NUMBER	M.L. 48	SURVEY			From - To	Distance D	VERTICAL		HORIZONTAL	
		Depth	Bearing	Dip			D.Sin.Dip	R.L.	D.Cos.Dip	Prog. Total
PURPOSE	To test Mt Anomaly west of the Mt. Lindsay Spur.	0m	38°09'42"	-43°35'12"	0-25.0	25.0	17.2	2510.9	18.1	18.1
		50.0m	*43°	-45°15'	-75.5	50.5	35.9	2475.0	35.6	53.7
		101.0m	4°	-46°	-125.0	49.5	35.6	2439.4	34.4	88.1
LOCATION	Mt. Lindsay, Tasmania.	149.0m	*26°	-46°30'	-174.5	49.5	35.9	2403.5	34.1	122.2
		200.0m	46°	-46°	-225.5	51.0	36.7	2366.8	35.4	157.6
COLLAR R.L.	2528.1	251.0m	*43°	-46°45'	-275.0	49.5	36.1	2330.7	33.9	191.5
		299.0m	41°30'	46°15'	-318.5	43.5	31.4	2299.3	30.1	221.6
COORDINATES	32198.0mN 10213.6m E	338.0m	44°	45°45'	-339.5	21.0	15.0	2284.3	14.7	235.3
		* Possible magnetic effects.								
LENGTH	339.5m									
HOLE SIZE	Hq 0 - 24.5m									
	Nq 24.5 - 41.0m									
	Bq 41.0 - 339.5m									
DATE DRILLED	16-2-78 to 28-2-78									
SIGNIFICANT CORE LOSS ZONES	-									
ORE ZONE GROUND CONDITIONS	Good									
LOGGED BY	R. Schellekens.									
COMMENTS										

SUMMARY - ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m)	AVERAGE WEIGHTED ASSAYS											S.C.A.
				Sn.	Acid Sol. Sn.	Cu.	As.	Fe.	Pb.	Zn.	Bi.	WO ₃	Ag g/t		
Mt Anomaly	131.9	134.9	3.0	0.12	0.085	<0.05	0.33	19.4	0.002	0.018	0.019	<0.01	3	50	
	137.9	147.9	10.0	0.18	0.124	<0.05	<0.10	21.0	0.004	0.051	0.013	<0.01	4		
	154.9	162.9	8.0	0.11	0.070	0.11	0.34	16.2	0.004	0.013	0.014	<0.01	3		

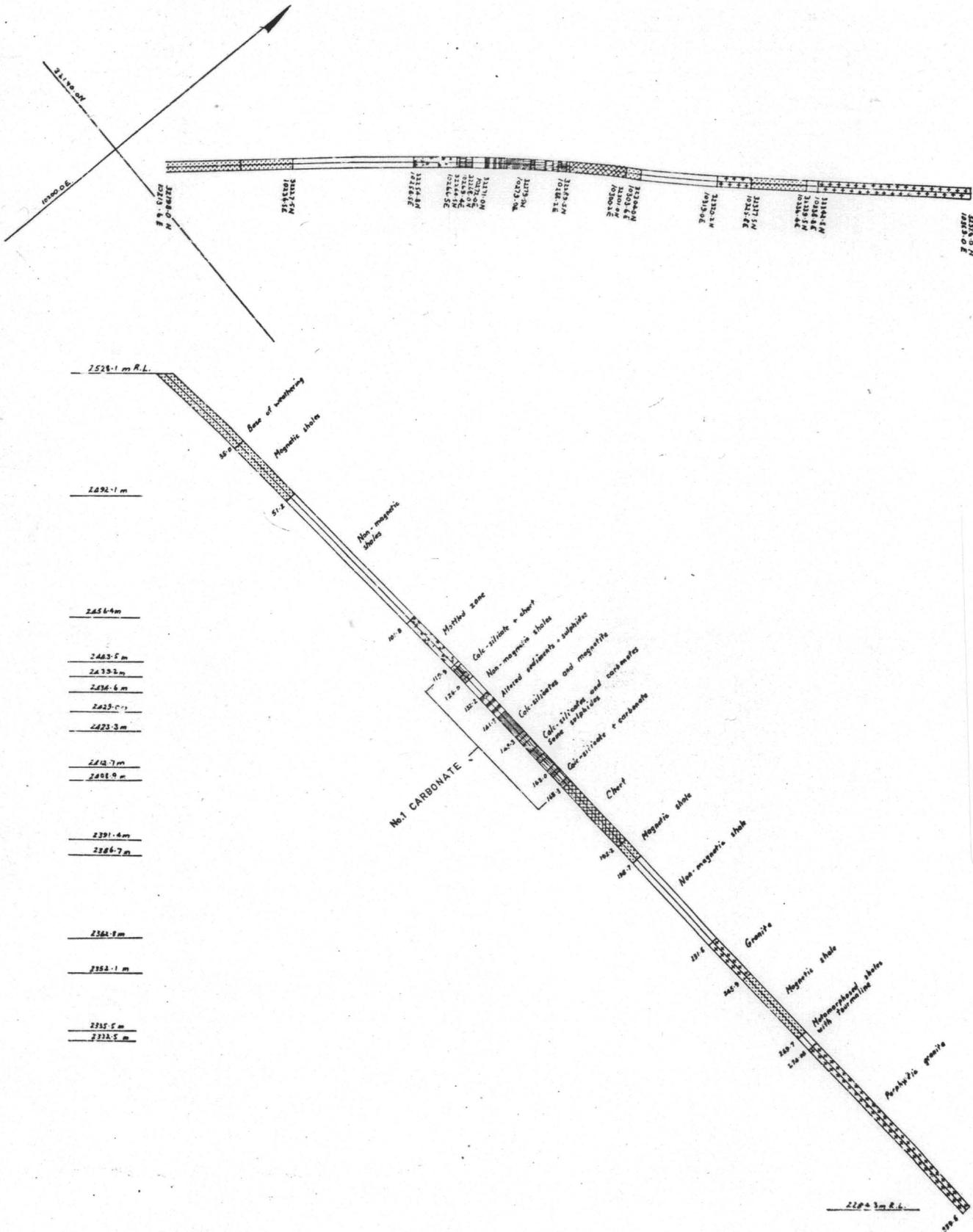
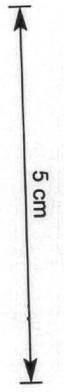
181077

HOLE No.: ML 48

SCALE:



KENISUN LIMITED
DIAMOND DRILL HOLE PLOT



181078

004

RENISON LIMITED - DRILL CORE RECORD

001

HOLE NUMBER	M.L. 49	SURVEY			From - To	Distance D	VERTICAL		HORIZONTAL	
		Depth	Bearing	Dip			D.Sin.Dip	H.L.	D.Cos.Dip	Prog.Total
PURPOSE	To test mineralisation beneath hole M.L. 41	0m	44°26' 10"	-52°54'	0 - 25.25	25.25	20.2	2383.3	15.2	15.2
		50.5m	* 355°	-52°45'	- 74.5	49.25	39.2	2344.1	29.8	45.0
		98.5m	* 36°	-50°	- 120.25	45.75	35.0	2309.1	29.4	74.4
LOCATION	Mt Lindray, Tasmania	142.0m	39°	-50°	- 163.5	43.25	33.1	2276.0	27.8	102.2
		185.0m	38°	-50°	- 207.5	44.0	33.7	2242.3	28.3	130.5
COLLAR R.L.	2+04.5m	230.0m	39°	-49°	- 248.25	40.75	30.5	2211.8	26.7	157.2
		266.5m	41°	-48°30'	- 281.5	33.25	24.9	2186.9	22.0	179.2
CO-ORDINATES	51482.2mN 11283.3mE	296.5m	* 31½°	-48°30'	- 317.5	36.0	27.0	2159.9	23.9	203.1
		338.5m	* 38°	-49°15'	- 358.0	40.5	30.7	2129.2	26.4	229.5
LENGTH	574.2m	377.5m	* 36°	-49°15'	- 400.0	42.0	31.8	2097.4	27.4	256.9
		422.5m	* 30°	-50°	- 443.5	43.5	33.3	2064.1	28.0	284.3
HOLE SIZE	P 0 - 3.0m Nq 21.0 - 108.0m Hq 3.0 - 21.0m Bq 108.0 - 574.2m	464.5m	* 25°	-49°45'	- 479.5	36.0	27.5	2036.6	23.3	308.2
		494.5m	40°	-49°45'	- 507.0	27.5	21.0	2015.6	17.8	326.0
DATE DRILLED	7.3.78 to 20.3.78	519.5m	* 45°	-49°30'	- 542.5	35.5	27.0	1988.6	23.1	349.1
		565.5m	34°	-49°45'	- 574.2	31.7	24.2	1964.4	20.5	359.6
SIGNIFICANT CORE LOSS ZONES										
				* Magnetic or casing effects						
ONE ZONE GROUND CONDITIONS										
LOGGED BY	R.R. SCHELLEKENS									
COMMENTS	Minor water at 250m (approximately) Core very broken below the No. 2 Carbonate intersection									

SUMMARY - ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m)	AVERAGE WEIGHTED ASSAYS											B.C.A.
				Sn.	Acid Sol. Sn.	Cu.	As.	Fe	Pb.	Zn.	Bi.	WO ₃	Ag g/t		
No 2 Carbonate	443.3	448.3	5.0	0.12	0.078	<0.05	<0.10	22.7	0.004	0.014	0.005	<0.01	3	40 - 45°	
	451.3	456.3	5.0	0.12	0.078	<0.05	<0.10		0.004	0.013	0.005	<0.01	2	40 - 45°	
	467.3	478.3	11.0	0.15	0.081	<0.05	<0.10	21.5	0.005	0.012	0.009	<0.01	6	45°	

181079

079

MICROFILMED

Volume 2/2

181081

LAN/cvb/3000

9th October, 1978

Director of Mines,
G.P.O. Box 124B,
HOBART. TAS. 7001

Dear Sir,

Mt Lindsay Drill Logs

Since we have been involved in exploration at Mount Lindsay, we have been undertaking a continuing program of logging, re-logging, assaying, re-assaying, etc. various drill cores from this area.

Hence, several of the older Annual Reports submitted by us to your Department are now out of date with respect to their contained drilling data.

We are thus forwarding to you a copy of the updated logs which ideally should replace the logs in previous reports as detailed on a letter accompanying the logs.

Yours faithfully,



L.A. NEWHAM,
CHIEF GEOLOGIST.

080

181082

RENISON LIMITED

Enclosed are the latest Diamond Drill Hole Plots for all following reports:-

1. E.L. 2/63 and E.L. 18/73 MT. LINDSAY AREA.
Western Tasmania Annual Report 1975-1976 by A.F. Ross
May 1976 (Drill Holes M.L. 34 - 38) 76-1164
2. E.L. 2/63 and E.L. 18/73 MT. LINDSAY AREA.
Western Tasmania Annual Report 1976-1977 by A.F. Ross
May 1977 (Drill Holes M.L. 39 - 44) 77-1210
3. ANNUAL REPORT 1977 - 78 MT. LINDSAY (E.L.2/63)
and STANLEY RIVER (E.L. 18/73) AREAS. by L.A. Newnham
and R. Schellekens. July 1978 (Drill Holes M.L. 45 - 49) 78-1280

Please add new sheets and destroy old copies.

OPEN FILE

HOLE No. :

SCALE:

REASON LIMITED
DIAMOND DRILL HOLE PLOT

081

MT. LINDSAY DIAMOND DRILLING

DRILL PLOT KEY

DEVONIAN



Meredith Granite: porphyritic granite & dykes.



Skarn: with magnetite and/or chlorite-phlogopite.



Calc-silicate: garnet, diopside, carbonate bands.

CAMBRIAN



Carbonate: grey, unaltered and recrystallised.

Crimson Creek



Chert: grey to grey-brown and siliceous shales.

Formation



Mottled Zone: interbanded grey shales and cream-green-brown cherts.



Magnetic Shales: altered labile psammopelites with magnetite.



Non-magnetic Shales: altered psammopelites.

181083

HOLE NUMBER	MT	34	0	44.2°	- 46.8°	0-11	11	8.0	2201.3	7.5	7.5
PURPOSE	To test strong I.P. conductivity anomaly coincident with magnetic and arsenic anomalies.		22.5	44.4	- 48	11-34	23	17.1	2176.2	15.4	22.9
LOCATION	MT. LINDSAY E.L. 18/73		46.5	43.8	- 51½	34-58	24	18.8	2157.4	14.9	37.8
			70.5	43.1	- 52	58-82	24	18.9	2138.5	14.8	52.6
COLLAR R.L.	2201.3		94.5	42.5	- 53	82-106	24	19.2	2119.3	14.4	67.0
			118.5	41.9	- 51	106-130	24	18.7	2100.6	15.1	82.1
CO-ORDINATES	30903.1 N 9402.7 E		142.5	41.2	- 46	130-154	24	17.3	2083.3	16.7	98.8
			166.5	40.6	- 45	154-178	24	17.0	2066.3	17.0	115.8
LENGTH	340m		190.5	40.0	- 43½	178-202	24	16.5	2049.4	17.4	133.2
			214.5	39.3	- 42½	202-226	24	16.2	2033.6	17.7	150.9
HOLE SIZE	0 - 99 NQ 99 - 340 BQ		238.5	38.7	- 40	226-250	24	15.4	2018.2	18.4	169.3
			262.5	38.1	- 40	250-274	24	15.4	2002.8	18.4	187.7
COMMENCED	4-12-75		286.5	37.4	- 37½	274-298	24	14.6	1983.2	19.0	206.7
			310.5	36.8	- 36	298-316	18	10.6	1977.6	14.6	221.3
COMPLETED	18-12-75		322.5	36.5	- 35	316-330	14	8.0	1969.6	11.5	232.8
			340.	36.0	- 34½	330-340	10	5.9	1963.7	8.7	241.5
SIGNIFICANT CORE LOSS ZONES											
ORE ZONE GROUND CONDITIONS											
LOGGED BY	A. ROSS										
COMMENTS	Drilled with 10L. 15m NW casing left between 84m and 99m. HW cased to 72m.										

SUMMARY - ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m.)	AVERAGE WEIGHTED ASSAYS						
				Sn.	Cu.	As.	S.			

SUMMARY METALLURGICAL DATA COMPOSITE SAMPLE

LODE NAME	FROM	TO	Sn.	Cu.	As.	S	Ca F ₂	Ag.	Bi		Sn - Rec.	Cu - Rec.	Carb.	Silie.	S.G.

082

181084

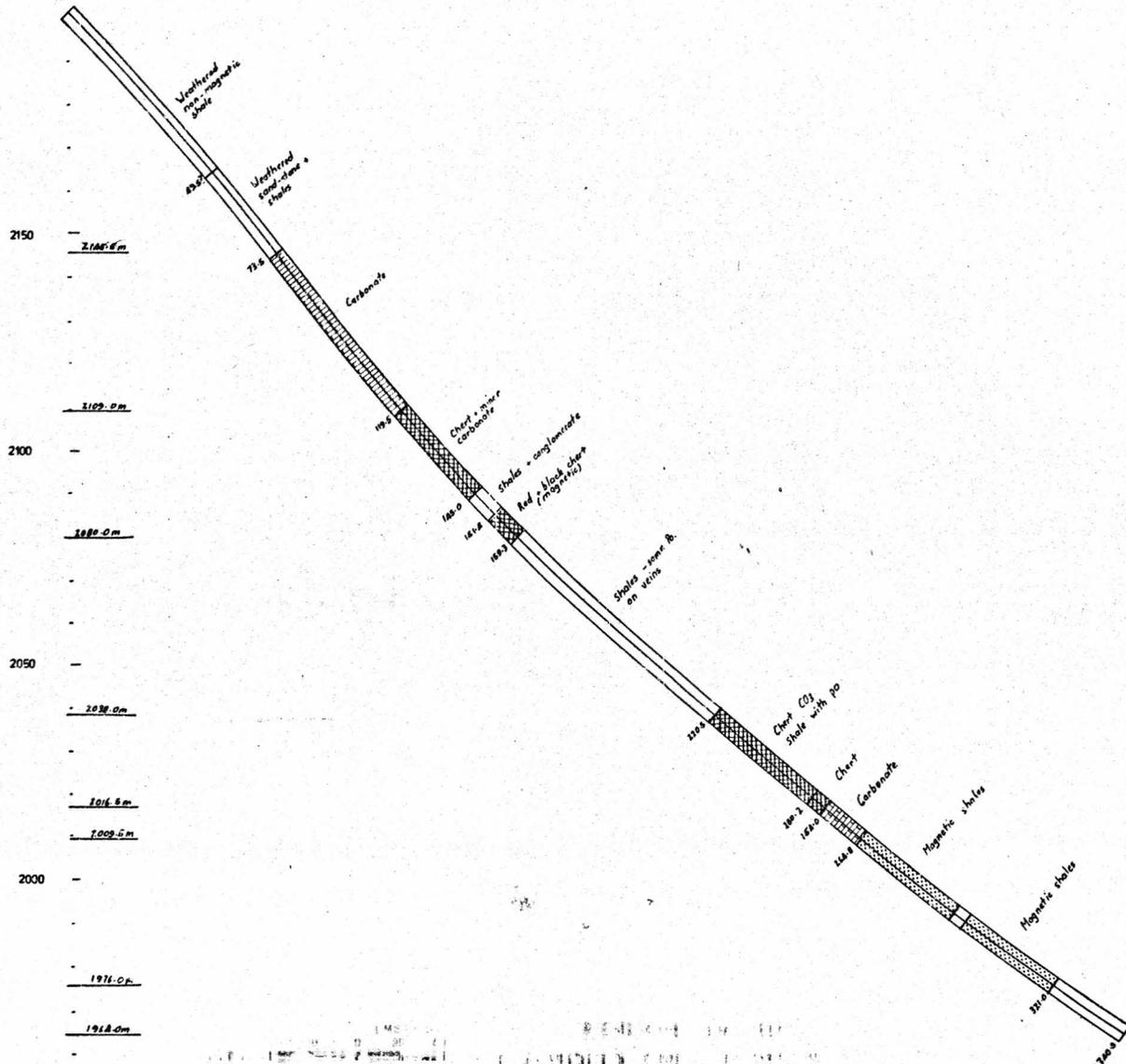
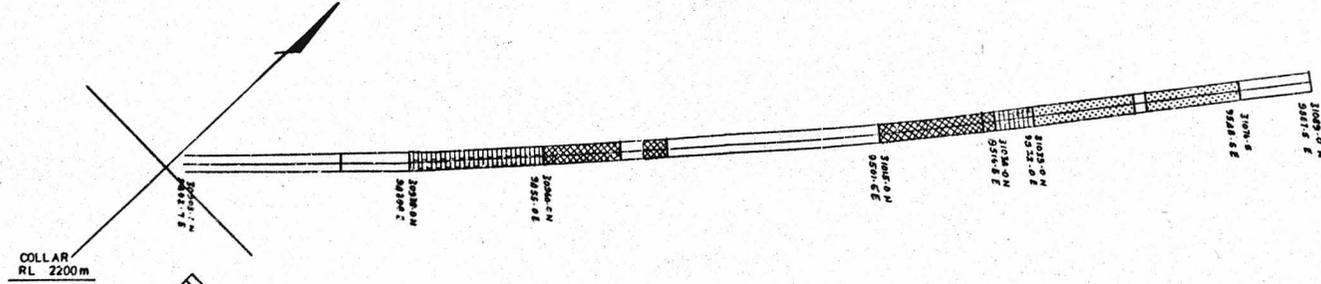
HOLE NO. 1 Mls. 34

SCALE: 1:40 (METRES)

DIAMOND DRILL HOLE PLOT

PLAN

083



DIP PROFILE

5 cm

181085

RL 1954

DIAMOND DRILL LOG

NUMB 1.L. 34
LOGGED BY : R.R.S.

084

NVPS

INTERVAL (m)		RECOVERY		DESCRIPTION										FORM.	% Sn.										
FROM	TO	m	%	MAGNETIC SUSCEPTIBILITY $\times 10^4$ C.G.S. UNIT											FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag
Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.										
6.7	≤100	98.5	≤100	140.5	≤100	182.5	200	224.5	2800 (p)	266.5	4300	308.5	2100												
9.7	"	"	"	"	"	"	≤100	"	700	"	3500	"	4700												
15.7	"	100.5	"	"	"	"	"	"	200	"	7400	310.5	1200												
18.7	"	"	"	"	"	185.5	"	"	300	"	4700	"	4100												
21.5	"	"	"	"	1200	"	1200	"	100	270.5	10000	"	5100												
27.5	"	"	"	195.5	≤100	"	600	"	600	"	1700	"	1800												
28.5	"	"	"	"	"	"	≤100	230.5	300	"	4800	"	1800												
31.5	"	105.5	"	"	"	"	"	"	400	"	5100	315.5	2100												
40.5	"	"	"	"	"	190.5	"	"	100	"	3300	"	500												
46.5	"	"	"	"	"	"	400	"	≤100	275.5	4000	"	4800												
49.5	"	"	"	130.5	"	"	400	"	"	"	5700	"	4000												
51.5	"	"	"	"	1200	"	200	235.5	"	"	100	"	≤100												
55.5	"	110.5	"	"	5700	"	400	"	"	"	2200	320.5	1400												
58.5	"	"	"	"	5100	135.5	700	"	"	"	100	"	≤100												
64.5	"	"	"	"	17000	"	1500	"	"	280.5	5800	"	"												
67.5	"	"	"	158.5	12000	"	200	"	"	"	4500	"	"												
70.5	"	"	"	"	23000	"	300	240.5	"	"	4200	"	"												
73.5	"	115.5	"	"	23000	"	200	"	"	"	5200	325.5	"												
74.5	"	"	"	"	15000	200.5	1100	"	"	"	7600	"	"												
75.5	"	"	"	"	200	"	1000	"	"	285.5	3600	"	"												
"	"	"	"	160.5	≤100	"	1600	"	"	"	5000	"	"												
"	"	"	"	"	"	"	≤100	245.5	"	"	1000	"	"												
"	"	120.5	"	"	"	"	300	"	"	"	1000	330.5	"												
"	"	"	"	"	"	205.5	700	"	"	"	3000	"	"												
80.5	"	"	"	"	"	"	200	"	"	290.5	3800	"	"												
"	"	"	"	165.5	500	"	1300	"	"	"	2800	"	"												
"	"	"	"	"	400	"	100	250.5	"	"	1200	"	"												
"	"	125.5	"	"	700	"	700	"	"	"	≤100	325.5	"												
"	"	"	"	"	≤100	210.5	200	"	"	"	"	"	"												
85.5	"	"	"	"	"	"	300	"	"	295.5	"	"	300												
"	"	"	"	170.5	"	"	300	"	"	"	300	"	3100												
"	"	"	"	"	"	"	≤100	255.5	"	"	1100	"	≤100												
"	"	130.5	"	"	"	"	"	"	"	"	2800	340.5	"												
"	"	"	"	"	"	215.5	200	"	"	"	1800	End of Hole.	"												
90.5	"	"	"	"	600	"	≤100	"	"	300.5	2000	"	"												
"	"	"	"	175.5	1500	"	500	"	"	"	3500	"	"												
"	"	"	"	"	≤100	"	300	260.5	"	"	≤100	"	"												
"	"	135.5	"	"	200	"	800	"	"	"	2500	"	"												
"	"	"	"	"	200	220.5	400	"	"	"	1200	"	"												
95.5	"	"	"	"	≤100	"	900	"	"	305.5	≤100	"	"												
"	"	"	"	180.5	"	"	300	"	"	790 (pp)	1200	"	"												
"	"	"	"	"	"	"	1300	265.5	≤100	"	500 g	"	"												

181086

HOLE NUMBER	. 3!	SURVEY			From - Distance		VERTICAL		HORIZONTAL	
		C	Bes	Dl	To	D	Sin D	R.L.	Cos D	Total
PURPOSE	To test Main Lode							2467.9		
		0	43.2	-51	0 -15	15	11.7	2456.2	9.4	9.4
		30	43.0	-54	42	27	21.8	2434.4	15.9	25.3
LOCATION	MT. LINDSAY	54	42.7	-52½	66	24	19.0	2415.4	14.6	39.9
		78	42.4	-52½	90	24	19.0	2396.4	14.6	54.5
COLLAR R.L.	2467.9	102	42.1	-52	114	24	18.9	2377.5	14.8	69.3
		126	41.8	-51	138	24	18.7	2358.8	15.1	84.4
CO-ORDINATES	32027.6 N 10681.3 E	150	41.5	-50	162	24	18.4	2340.4	15.4	99.8
		174	41.2	-50	183	21	16.1	2324.3	13.5	113.3
LENGTH	282 m	192	41.0	-50	202	19	14.6	2309.7	12.2	125.5
		216	40.7	-50	282	80	61.3	2248.4	51.4	176.9
HOLE SIZE	0-69 NQ 69-282 BQ									
COMMENCED	7-1-76									
COMPLETED	22-1-76									
SIGNIFICANT CORE LOSS ZONES	<i>Some core lost in broken zone from 195-209m.</i>									
ORE ZONE GROUND CONDITIONS	<i>H.W. Rocks very broken</i>									
LOGGED BY	A. Ross									
COMMENTS	Drilled with 10L. Hit water between 185 - 210m and at granite contact. Cave in at 190m. HW cased to 57m.									

085

SUMMARY - ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m.)	AVERAGE WEIGHTED ASSAYS								W _{O3}
				Sn.	Cu.	As.	S.	Pb	Zn	Bi	Mo	
MAIN ORE ZONE	198.0m	210.0m	12.0m.	0.26	0.086	0.23	2.81	0.002	0.010	0.03	0.002	0.03
		<i>Estimated True Thickness</i>	9.0m.									
				<i>Approx 0.18+ Acid Soluble Sn</i>								

SUMMARY METALLURGICAL DATA COMPOSITE SAMPLE

LODE NAME	FROM	TO	Sn.	Cu.	As.	S	Ca F ₂	Ag.	Bi	Sn - Rec.	Cu - Rec.	Carb.	Silic.	S.G.

181087

INTERVAL (m)		RECOVERY		DESCRIPTION	FORMATION	ASSAYS										
FROM	TO	m	%			FROM	TO	Sn	S	As	Cu	Pb	Zn	Bi	Mo	W ₂
				Microfractures and spotted zones throughout. B.C.A. 30°. Rare slumped contacts between fine siltstone and mudstone beds. Mud pellets occur. Core moderately broken from 125 to 130m with calcite on surfaces. Trace py. on chlorite rich joints.												
				134.0 - 144.3m. Essentially non-magnetic grey siltstones. Predominantly massive. Veined by calcite, microfractured. Minor zones medium grained greywacke. Trace po. in some veins and fractured zones. B.C.A. 35°. Cream alteration from 138.2 to 138.3 m.												
144.3	148.1	3.8	100	Light brown, cream to light green in colour. Zone of highly fractured, contorted, banded chert. Mildly magnetic due to trace po. throughout. Calcite veined. B.C.A. 60° at end of interval.												
148.1	180.0	31.9	100	Grades into interbedded siltstones and greywackes with minor fragmental zones. Minor actinolite alteration zones often with trace of sulphide (po. chp.). Essentially non-magnetic B.C.A. 45°. Brown, green and blue-grey colours. Minor spotted zones. Essentially thickbedded. Minor cross bedding. Some very broken zones 148.7 - 151.5, 157.3 - 157.4, 160.9 - 165, 173.5 - 177.												
							Fe.	Sol. Sn								
						196	197	42.3								
						197	198	40.3								
						198	199	43.1	0.33							
						199	199.5	40.6	0.091							
						199.5	200	34.1								
						200	201	37.1	0.20	0.15						
						201	202	36.4	0.14							
						202	203	30.5	0.034							
						203	204	42.3	0.085							
						204	205	34.2	0.34							
						205	206	42.9	0.18							
						206	207	25.7	0.13							
						207	210	28.3								
180.0	181.5	1.5	100	Altered zone. Colour cream with bleached appearance. Bedding still definite. B.C.A. 45°. Actinolite -po alteration from 181.2 - 181.5m.												
181.5	195.5	14.0	100	Dark grey sediments and spotted lavas? Similar to interval 148.1 - 180.0m. More frequent microfracturing. Non-magnetic. Core very broken from 189.5m. Becomes chlorite rich from 190m and also very fractured. B.C.A. 45°.												
195.5	209.0	12.6	93	Core very broken. Core loss between 203 - 204, 207 - 210m. Massive magnetic - actinolite skarn zone. Irregular veins of po. chp. minor asp. B.C.A. 45°. Minor veinlets calcite. At 203.4, calcite rich brecciation zone - possibly fault. Struck water at this depth. [Petrological Sample: 203.5 PHLOGOPITE - ACTINOLITE - MAGNETITE ROCK; 203.9m PHLOGOPITE ROCK.]	MAIN ORE ZONE	196	197	0.07	1.09	0.19	0.030	0.002	0.009	0.008	<0.002	0.03
						197		0.03	1.54	0.45	0.038	0.002	0.011	0.008	<0.002	0.01
						198		0.38	1.30	0.15	0.027	0.002	0.013	0.011	<0.002	0.03
						199	199.5	0.10	2.17	0.22	0.025	0.002	0.022	0.014	<0.002	0.02
						199.5	200	0.27	2.92	0.07	0.060	0.002	0.012	0.043	<0.002	0.02
						200	201	0.29	4.68	0.10	0.068	0.003	0.010	0.043	<0.002	0.08
						201		0.23	3.29	0.04	0.053	0.002	0.010	0.030	<0.002	0.02
						202		0.07	5.14	0.40	0.050	0.002	0.009	0.023	0.002	0.01
						203		0.53	1.58	0.26	0.370	0.002	0.010	0.017	0.003	0.03
						204		0.51	3.31	0.03	0.080	0.002	0.008	0.009	0.002	0.03
						205		0.20	2.78	0.45	0.114	0.002	0.009	0.029	0.002	0.01
						206		0.14	2.51	1.01	0.070	0.002	0.011	0.055	0.003	0.02
						207	210	0.14	1.19	0.02	0.037	0.001	0.014	0.005	0.003	0.04
						208	211	0.05	1.48	<0.01	0.027			0.002	<0.002	0.01
						209	212	0.06	1.62	0.02	0.038			0.003	<0.002	0.01
254.5	282.0	28.5	100	Coarse grained biotite granite. Minor tourmaline veinlets 45° to CA. Contact with sediments 30° to CA. [Petrological Sample 209.9m PHLOGOPITE - MAGNETITE ROCK.]	MEREDITH GRANITE	212	213	0.07	1.23	<0.01	0.037			0.041	<0.002	0.01
						213	214	0.08	0.98	<0.01	0.026			0.044	<0.002	0.01
						214	215	0.06	2.09	0.01	0.072			0.021	<0.002	0.01

181089

DIAMOND DRILL RECORD

NUM M.L.

LOGGED BY: A. Ross **088**

INTERVAL (m)		RECOVERY		DESCRIPTION	FORMATION	ASSAYS										
						FROM	TO	Sn	S	As	Cu	Pb	Zn	Bi	Mg	WD ₃
				layered in its distribution.		267	268	<0.01		<0.01	0.004			0.004	<0.001	<0.000
				Magnetite is a semi-pervasive accessory to major constituent,		268		<0.01		<0.01	0.001			0.001	<0.001	<0.010
				weakly layered, comprising up to 50% of the rock and		269		<0.01		<0.01	0.002			<0.001	<0.001	0.01
				typically enclosed in phlogopite. Minor traces of Fe-carbonate		270		<0.01		<0.01	0.001			<0.001	<0.001	<0.001
				are present. Scheelite is seen in thinly disseminated anhedral		271		<0.01		<0.01	0.004			<0.001	<0.001	<0.001
				grains (to 200µ) and spongy interstitial aggregates (to 600µ).		272		<0.01		<0.01	0.001			0.001	<0.001	<0.001
				Magnetite to granular slightly poikilitic and fairly coarse		273		<0.01		<0.01	0.001			0.001	<0.001	<0.010
				grained (to 500µ). Subordinate pyrrhotite is closely inter-		274		<0.01		<0.01	0.001			0.002	0.001	<0.010
				grown and partly included as blebs up to 100µ diameter. Minor		275		<0.01		<0.01	0.001			0.002	<0.001	<0.010
				traces of chalcopyrite are also included in magnetite.		276		<0.01		<0.01	0.001			<0.001	0.001	<0.010
				Pyrrhotite is extensively pyritised. The secondary pyrite		277		<0.01		<0.01	0.001			<0.001	0.001	<0.010
				has recrystallised to fine mosaic-textured aggregates with,		278		<0.01		<0.01	0.001			<0.001	0.001	<0.010
				minor included pyrrhotite, chalcopyrite or rarely bismuth		279		<0.01		<0.01	0.001			<0.001	0.002	<0.010
				(max. 20µ). Magnetite and pyrite tend to be microfractured		280		<0.01		<0.01	0.001			<0.001	<0.001	<0.010
				and are locally displaced by phlogopite-healed fractures.												
				<u>ML. 35 - 203.9m. PHLOGOPITE ROCK</u>		281	282	<0.01		<0.01	<0.001			<0.001	<0.001	<0.010
				Hand Specimen: Grey phlogopite rock with magnetite, pyrrhotite,												
				K stain negative.												
				Microscopic: This is a phlogopite rock with disseminated												
				magnetite and segregations of pyrrhotite and carbonate with												
				abundant cassiterite.												
				The rock consists largely of random yellow-green phlogopite												
				which, in the basis of habit, appears to have developed in part												
				by replacement of amphibole (?actinolite, similar to 203.5m).												
				An- to euhedral, weakly layered magnetite (to 250µ) is dissen-												
				minated throughout and minor interstitial carbonate is present.												
				Elsewhere the rock consists largely of pyritised pyrrhotite,												
				fairly coarse-grained and crudely layered. Here phlogopite												
				is the main interstitial phase but carbonate is common in places, and												
				(to 300µ) of cassiterite. ^{there are frequent aggregates (to 2mm) and disseminated grains} Fluorite and prehnite are accessory constit-												
				uents and marginal portions of the rock carry rare strongly												
				poikilitic cassiterite grains (to 200µ) with phlogopite												
				inclusions. The carbonate is leached in places and a little												
				secondary colloform fluorite is seen.												
				Chalcopyrite is locally abundant forming irregular masses												
				several millimetres across. Magnetite, pyritised pyrrhotite												
				and cassiterite are closely associated and these phases are												
				microfractured and locally granulated with some fracture healed												
				with chalcopyrite films. Most of the cassiterite is discreet												
				or loosely included in the sulphide aggregates.												

181090

DIAMOND DRILL RECORD

HOLE NUMBER : M.L. 35.

LOGGED BY : A. Ross.

089

NWPS

INTERVAL (m)		RECOVERY		DESCRIPTION								FORM.	% Sn.										
FROM	TO	m	%	MAGNETIC SUSCEPTIBILITY $\times 10^{-6}$ e.g.s. units.								FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO ₃
Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.												
66	560	108m	4800	150m	160	192 m	"	234 m	500														
	280		4400		<100		"		180														
	630	110m	<100		"		"		900														
	450		"		"		"		1000														
70m	700		"		"		"		1890														
	530		"		"		"		650														
	160		"		"		"	240m	190														
	170		1600		"		"		740														
	230		4000		"	200m	"		410														
	710		3300		"		"		350														
	740		4500	100m	"		"		680														
	480		4600		"		"		<100														
	330	120m	4500		"		"		280														
	510		4500		"		"		600														
80m	500		4500		"		"		<100														
	440		4400		"		"		300														
	660		4500		"		"	250m	250														
	470		4400		"		"		<100														
	920		4500		"	210m	280		460														
	720		4500		"		380		1450														
	670		4100	170m	"		"		100														
	290		4500		"		"		<100														
	750	130m	4400		"		1950		110														
	500		4600		"		4500		<100														
90m	800		4500		"		330		"														
	<100		4200		"		1320		"														
	"		2200		"		140	260m	"														
	"		<100		"		1200		"														
	"		130		"	220m	1300		"														
	"		150		"		640		"														
	"		<100	190m	240		1500		2400														
	"		170		1550		2400																
	810	140m	140		270		2400																
	<100		<100		<100		2600																
100m	"		1300		"		2200																
	4200		910		"		2350																
	4600		200		"		2300																
	4600		650		"		1600																
	4800		750		"	230m	1500																
	4600		<100		"		5000																
	4600		780	190m	"		500																
	4800		<100		"		5000																

18109

HOLE NUMBER	V. J. 30	Depth	Bottom	Diameter	Total	Q	A. Sin C	R.L.	Core D	Total
PURPOSE	To test Main Lode.	0	40.5	- 51	0-9	9	7.0	2424.8		
		19	40.3	- 52	9-31	22	17.5	2417.8	5.7	5.7
LOCATION	MT. LINDSAY	43	39.7	- 54	31-55	24	19.4	2380.9	14.1	33.2
		67	38.8	- 55	55-79	24	19.7	2361.2	13.8	47.0
COLLAR R.L.	2424.8	91	38.2	- 54	79-103	24	19.4	2341.8	14.1	61.2
		115	37.9	- 54	103-127	24	19.4	2322.4	14.1	75.2
CO-ORDINATES	31749.1 N 10945.6 E	139	36.7	- 53	127-151	24	19.2	2303.2	14.4	89.6
		163	36.1	- 52	151-175	24	18.9	2284.3	14.8	104.4
LENGTH	439m	187	35.1	- 52	175-199	24	18.9	2265.4	14.8	119.2
		211	34.5	- 51	199-223	24	18.7	2246.7	15.1	134.3
HOLE SIZE	0 - 66 NQ 66 - 439 BQ	235	33.8	- 50	223-244	21	16.1	2230.6	13.5	147.8
		253	33.3	- 47	244-265	21	15.5	2215.1	14.2	162.0
COMMENCED	25-1-76	277	32.4	- 47	265-289	24	17.6	2197.5	16.4	178.4
		295	32.0	- 47	289-311	22	16.1	2181.4	15.0	193.4
COMPLETED	20-2-76	330	30.9	- 45	311-348	37	26.4	2155.0	25.9	219.3
		336	26.9	- 45	348-375	27	19.1	2135.9	19.1	238.4
SIGNIFICANT CORE LOSS ZONES		384	24.4	- 45	375-393	18	12.7	2123.2	12.7	251.1
		402	21.9	- 43	393-411	18	12.3	2110.9	13.2	264.3
ORE ZONE GROUND CONDITIONS		420	19.4	- 44	411-425	14	9.7	2101.2	10.1	274.4
		431	16.9	- 45	425-439	14	9.9	2091.3	9.9	284.3
LOGGED BY	A. ROSS									
COMMENTS	Drilled with 10L. Making water from 351m. By end of hole, water flowing 1/2m out of rods. Hole caved in from 40m when casing pulled.									

SUMMARY - ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m.)	AVERAGE WEIGHTED ASSAYS							
				Sn.	Cu.	As.	S.	Pb.	Zn	Mo.	Bi
MAIN LODE	272	316.5	44.5 m.	Generally a weakly mineralized carbonate horizon, with mineralization best developed from 306-312m.							
	Estimated True Thickness		40.0m								
	304.0	314.0	10.0m	0.27	<0.05	0.04	4.8			0.002	0.008
	Estimated True Thickness		9.0m								
	304.0	307.0	3.0m	0.70	<0.05	0.01	10.5	0.004	0.005	0.001	0.008
	Estimated True Thickness		2.7m								

containing

OR

W0₃ Sol Sn.

0.04

0.03 0.004

SUMMARY METALLURGICAL DATA COMPOSITE SAMPLE

LODE NAME	FROM	TO	Sn.	Cu.	As.	S.	Ca F ₂	Ag.	Bi	Sn - Rec.	Cu - Rec.	Carb.	Silic.	S.G.

090

81092

INTERVAL (m)		RECOVERY		DESCRIPTION	FORMATION	ASSAYS										
FROM	TO	m	%			Fe	TO	Sn	S	As	Cu	WO ₃	Pb	Zn	Bi	Mo
				containing actinolite - quartz - sulphide (py and po) occur. 226-232m spotted brown and grey siltstones.		272	5.1	0.01	0.16	0.04	<0.05	0.08				
				Core highly broken with development of calcite veinlets in brecciated altered zones. Trace to nil sulphides.		273	6.95	0.02	1.17	0.04	"	0.09				
				232 - 263.5m Brown to brownish green and grey siltstones with veinlets of calcite very common. Spotting ubiquitous. Minor chert bands. Core very broken towards bottom		274	7.75	0.02	0.69	0.11	"	0.01				
				of this zone.		275	7.3	0.02	1.10	0.05	"	0.01				
				263.5 - 272m Well bedded and banded brown green to cream siltstones and cherts containing minor sulphides. Common alteration typical prior to carbonate horizon. Minor calcite veining in brecciation zones.		276	8.2	<0.01	0.77	<0.01	"	<0.01				
						277	5.8	"	0.79	0.01	"	0.04				
						278	4.9	0.01	0.67	0.02	"	0.02				
						279	5.7	0.02	1.17	0.10	"	<0.01				
						280	5.6	0.02	0.83	0.03	"	<0.01				
						281	5.0	0.02	0.86	0.03	"	<0.01				
						282	6.95	0.01	0.82	0.02	"	0.01				
						283	6.6	0.02	1.26	0.05	"	0.08				
						284	8.15	0.02	2.06	0.03	"	<0.01				
272.0	316.5	44.5	100	Massive carbonate horizon containing sulphide minerals and calc-silicate assemblage. Colour light grey to light brown-green. Well bedded with banded appearance. Ore minerals are pyrite, pyrrhotite, chalcopyrite, magnetite, arsenopyrite. Highly calcareous, weakly magnetic due to pyrrhotite and bands of magnetite. Minor banded chert zones. Tourmaline developed lower in this interval. BCA's 50-60° at start then 70-80° lower in interval. Mineralisation best developed from 306-312m.	MAIN LODE	285	7.8	<0.01	2.07	<0.01	"	<0.01				
						286	8.5	0.01	1.57	"	"	<0.01				
						287	7.6	0.02	0.90	"	"	0.01				
						288	6.5	0.01	0.48	"	"	0.01				
						289	5.75	<0.01	0.79	"	"	<0.01				
						290	5.3	0.02	1.23	0.03	"	0.01				
						291	7.7	0.04	0.23	0.05	"	0.01				
						292	5.0	0.02	0.88	0.01	"	<0.01				
						293	4.35	<0.01	0.77	0.02	"	0.02				
						294	7.4	0.04	0.96	0.07	"	0.05				
						295	7.2	0.04	0.43	0.05	"	0.03				
316.5	330.0	14.5	100	Altered sequence of well bedded and banded cherts and silicified siltstones. Colours cream, brown, green. Actinolite alteration and veins throughout with minor sulphides (po, py, trace chp) in bands or with calcite veins. BCA'S vary 60° to 20-30° at base of interval. Microfaulting and fracturing with sulphide veinlets very common. Non calcareous. Grades into:		296	5.0	0.02	0.65	0.03	"	0.03				
						297	5.1	0.02	0.49	0.01	"	0.07				
						298	8.4	0.04	1.24	0.03	"	0.03				
						299	6.5	0.03	0.62	0.02	"	0.03				
						300	6.7	0.04	1.50	0.02	"	0.02				
						301	6.1	0.03	1.09	0.01	"	<0.01				
						302	9.4	0.04	2.28	0.04	"	0.11				
						303	7.7	0.02	1.20	0.02	"	0.04				
330.0	356.1	26.1	100	Dark brown, predominantly massive, tuffaceous siltstone with rare medium grained beds. Minor bedded horizons. Non-magnetic, non-calcareous. Greenish alteration zones. Microfracturing and veinlets of actinolite and minor calcite. BCA's 30-35°. Where definite bedding seen. Bedding often irregular, almost slumped. Minor zones of massive dark green spotted basic lava or gabbro?		304	21.0	0.29	8.08	<0.01	"	0.04				
						305	31.6	1.56	16.2	"	"	0.02				
						306	20.4	0.24	7.10	0.03	"	0.03				
						307	11.1	0.04	2.21	0.03	"	0.15				
						308	16.8	0.09	2.37	0.02	"	0.02				
						309	21.4	0.22	1.81	0.03	0.05	0.04				
						310	12.7	0.05	2.46	0.19	<0.05	0.01				
						311	10.7	0.02	2.25	0.03	"	0.05				
356.1	363.7	7.6	100	Massive dark green highly fractured spotted basic lava or gabbro? Non magnetic. Fracturing and irregular veinlets could be flow top breccias.		312	10.6	0.05	3.95	0.03	0.06	<0.01				
						313	16.7	0.11	1.99	0.02	<0.05	0.07				
						314		0.03	2.72	0.01	"	<0.01				
						315		0.02	2.57	<0.01	"	<0.01				
363.7	363.9	0.2	100	Granitoid vein. Reddish alteration of feldspars. Medium grained.		316		0.04	5.00	"	"	<0.01				
						317		<0.01		"	"	<0.01				
						318		"		"	"	<0.01				
						319		0.04		"	"	<0.01				
						320		0.02		"	"	<0.01				
						321		<0.01		"	"	<0.01				
						322		0.01		"	"	<0.01				
						323		0.02		"	"	0.02				

Petrological Samples: 304-2m PHLOGOPITE-SERICITE-QUARTZ ROCK + CASSITERITE; 305-7 PHLOGOPITE-SERICITE-ROCK WITH CASSITERITE.

181094

N/WPS

INTERVAL (m)		RECOVERY		DESCRIPTION	FORM.	% Sn.												
FROM	TO	m	%			FROM	TO	TOTAL	As STAN.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag.	g/t WO ₃	
				<p>cassiterite, Chalcopyrite and rutile are minor accessory opaque phases.</p> <p><u>Notes to accompany ML 35-ML37 descriptions</u></p> <p>As with earlier specimens (CMS 76/3/19) the Mount Lindsay rocks are altered virtually beyond recognition of the primary rock types. Briefly these rocks can be considered as variable altered (phlogopitised) skarns with actinolite/hastingsite-magnetite(-diopside-garnet) assemblages and as such they differ from the CMS 76/3/19 suite with its lower temperature carbonate-rich assemblages. A few rocks retain a relict primary layering, no doubt primarily sedimentary. One or two can be considered as metasomatised impure cherts. A few (specifically the ML 36 "Main Lode" intersection) show relict igneous (?fragmental) features. The majority are best considered simply as altered carbonate rocks.</p> <p>Clearly a phase of phlogopite-sericite alteration (loosely, greisening) is imprinted over an earlier pyrometamorphic phase which carries the same accessory constituents (excluding tourmaline), and particularly the patchy cassiterite, as seen in the earlier suite. Sulphides and bismuth are more abundant but cassiterite is relatively sparse although, again, this may reflect sampling.</p> <p><u>Following Granite Descriptions by W. Farder C.M.S. Report 77/4/17</u></p> <p><u>M.L. 36: 438.5m (r.s. 21044) K Stain Test positive</u></p> <p><i>Porphyritic biotite adamellite, weakly stressed; Shows close affinities with the Fine Hill porphyry and with the Heemskirk microgranites.</i></p> <p><i>Rock consists of approx. equal proportions of stressed quartz, perthitic orthoclase, and cloudy, partially argillised oligoclase. The orthoclase forms phenocrysts and also tends to be poikilitic; oligoclase also occurs as occasional phenocrysts but mainly as small subhedral crystals.</i></p> <p><i>The biotite is present as ragged flakes, strongly coloured (red-brown), with small radioactive inclusions of monazite and/or xenotime; where chloritised, it contains rutile needles.</i></p> <p><i>Traces of muscovite and fluorite were introduced at a late, probably pneumatolytic stage.</i></p> <p><u>M.L. 36: 412.0m. K stain test positive</u></p> <p><i>This is a biotite microgranite; closely resembles the intersection at 438.5m, with the same proportions of feldspars but more sodic plagioclase; this small shift in Na content is enough to make the rock a granite, precisely the same situation as is seen at Heemskirk (cp. Report C.M.S. 77/4/6)</i></p> <p><i>Quartz forms occasional coarser masses but is not otherwise porphyritic; the quartz is weakly stressed. Both orthoclase and albite are argillised, but orthoclase only incipiently, albite significantly; albite tends to occur as subhedral-euhedral prismatic crystals.</i></p> <p><i>The biotite is relatively coarse and more conspicuous than at 438.5m, containing comparatively large inclusions of xenotime with intense pleochroism haloes</i></p> <p><i>A weak pneumatolytic phase is in evidence, with fine muscovite and fluorite, and very occasional patches of brown-green tourmaline with antiferroelectric texture</i></p>														

181095

DIAMOND DRILL RECORD

HOLE NUMBER: I.L. 31

LOGGED BY: A. Ross.

094

NWPS

INTERVAL (m)		RECOVERY		DESCRIPTION										FORM		% Sn.									
FROM	TO	m	%	MAGNETIC SUSCEPTIBILITY $\times 10^{-6}$ c.g.s. units.										FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO ₃
Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.										
64	<100	106m	<100	148m	370	190m	<100	232m	"	274m	110	316m	1100	358m	<100	400m	<100								
"	"	"	"	"	350	"	"	"	"	"	640	"	1100	"	"	"	"								
"	"	"	"	150m	255	"	"	"	"	"	560	"	1550	360m	"	"	"								
"	"	"	"	"	4400	"	"	"	"	"	320	"	1500	"	"	"	"								
"	"	110m	"	"	1100	"	"	"	"	"	<100	310m	1600	"	"	"	"								
"	"	"	"	"	750	"	"	"	"	"	230	"	1100	"	"	"	"								
70m	"	"	"	"	1850	"	"	"	"	"	280m	400	1850	"	"	"	"								
"	"	"	"	"	<100	"	"	"	"	"	160	"	200	"	"	"	"								
"	"	"	"	"	"	"	"	240m	"	"	100	"	1350	"	3100	"	"								
"	"	"	"	"	"	"	"	"	"	"	430	"	1950	"	4900	"	"								
"	"	"	"	"	"	200m	"	"	"	"	230	"	230	"	3500	410m	"								
"	"	"	"	"	"	"	"	"	"	"	450	"	390	"	1850	"	"								
"	"	"	"	160m	"	"	"	"	"	"	290	"	240	370m	<100	"	"								
"	"	"	"	"	"	"	"	"	"	"	220	"	<100	"	"	"	"								
"	"	130m	"	"	"	"	"	"	"	"	<100	330m	1200	"	"	"	"								
"	"	"	100	"	"	"	"	"	"	"	210	"	1400	"	"	"	"								
80m	"	"	<100	"	"	"	"	"	"	"	290m	140	230	"	"	"	"								
"	"	"	"	"	"	"	"	"	"	"	<100	"	640	"	"	"	"								
"	"	"	"	"	"	"	"	250m	"	"	690	"	2000	"	"	"	"								
"	1450	"	225	"	"	"	"	"	"	"	400	"	680	"	"	"	"								
"	<100	"	<100	"	"	210m	"	"	"	"	220	"	120	"	410m	"	"								
"	"	"	105	"	"	"	"	"	"	"	<100	"	<100	"	460	"	"								
"	"	"	<100	170m	"	"	"	"	"	"	100	"	"	380m	3500	"	"								
"	"	"	"	"	"	"	"	"	"	"	<100	"	"	"	3800	"	"								
"	660	130m	"	"	"	"	"	"	"	"	110	340m	"	"	4800	"	"								
"	570	"	"	"	"	"	"	"	"	"	2100	"	"	"	5000	"	"								
90m	1500	"	"	"	"	"	"	"	"	"	300m	120	"	"	3900	"	"								
"	210	"	250	"	"	"	"	"	"	"	680	"	"	"	3900	"	"								
"	115	"	140	"	"	"	"	260m	130	"	260	"	"	"	4400	"	"								
"	<100	"	180	"	"	"	"	"	<100	"	110	"	"	"	2450	"	"								
"	"	"	520	"	"	220m	"	"	"	"	360	"	"	"	3700	430m	"								
"	"	"	720	"	"	"	"	"	"	"	190	"	"	"	4400	"	"								
"	220	"	1100	180m	"	"	"	"	"	"	<100	"	"	390m	4500	"	"								
"	<100	"	550	"	"	"	"	"	"	"	180	"	2600	"	4700	"	"								
"	"	140m	790	"	"	"	"	"	"	"	2400	"	360	370m	4600	"	"								
"	"	"	660	"	"	"	"	"	"	"	390	"	1800	"	3900	"	"								
100m	"	"	<100	"	"	"	"	"	"	1000	310m	1600	"	"	<100	"	"								
"	185	"	170	"	"	"	"	"	"	"	210	"	700	"	"	"	"								
"	<100	"	3400	"	"	"	"	270m	940	"	1200	"	"	"	"	"	"								
"	"	"	50m	"	"	"	"	"	"	"	700	"	450	"	"	"	"								
"	"	"	430	"	"	280m	"	"	"	"	130	"	980	"	"	440m	"								
"	"	"	400	"	"	"	"	"	"	"	130	"	1080	"	"	"	"								

181096

HOLE NUMBER	. 3	SURVEY			From - Distance		VERTICAL		HORIZONTAL	
		D	Bea	Dlr	To	D	Sin Di	R.L.	Cos Di	Total
PURPOSE	To test No.2 Anomaly						2459.8			
		0	-	-	0-22	22	15.6	2444.2	15.6	15.6
		45	-	-46	57	35	25.2	2419.0	24.3	39.9
LOCATION	MT. LINDSAY	69	-	-44	81	24	16.7	2402.3	17.3	57.2
		93	38.9	-43	129	48	32.7	2369.6	35.1	92.3
COLLAR R.L.	2459.8	165	36.9	-40	174	45	28.9	2340.7	34.5	126.8
		183	-	-40	195	21	13.5	2327.2	16.1	142.9
CO-ORDINATES	31752.7 N 11202.9 E	207	-	-40	225	30	19.3	2307.9	23.0	165.9
		243	-	-38	252	27	16.6	2291.3	21.3	187.2
LENGTH	349.5 m	261	-	-37	279	27	16.2	2275.1	21.6	208.8
		297	-	-38	306	27	16.6	2258.5	21.3	230.1
HOLE SIZE	0 - 69 Nq 69 - 349.5 BQ	315	36.9	-38	324	18	11.1	2247.4	14.2	244.3
		333	41.9	-38	339	15	9.2	2238.2	11.8	256.1
COMMENCED	14-1-76	345	44.9	-38	350	11	6.8	2231.4	8.7	264.8
COMPLETED	9-2-76									
SIGNIFICANT CORE LOSS ZONES										
ORE ZONE GROUND CONDITIONS										
LOGGED BY	A. ROSS									
COMMENTS	Drilled with F30 Truck Mounted Rig. HQ cased to 55m.									

095

SUMMARY - ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m.)	AVERAGE WEIGHTED ASSAYS								Zn
				Sn.	Cu.	As.	S.	Bi	Mo	WO ₃	Pb	
No. 2 ANOMALY	268.4	303	34.6m									
<i>Values over the full mineralized zone were generally low, but there were two intervals with above average Sn and WO₃ values.</i>												
"H.W. Tin Zone"	258.0	277.0	7.0m	0.13	<0.01	<0.01		<0.01	<0.01	<0.01		
<i>Estimated True Thickness 6.0m.</i>												
"F.W. Tungsten Zone"	291.0m	296.0m	5.0m	0.05	0.05	0.49		0.033	<0.01	0.21	0.003	0.014
<i>Estimated True Thickness 4.5m</i>												

SUMMARY METALLURGICAL DATA COMPOSITE SAMPLE

LODE NAME	FROM	TO	Sn.	Cu.	As.	S	Ca F ₂	Ag.	Bi	Sn - Rec.	Cu - Rec.	Carb.	Silic.	S.G.

181097

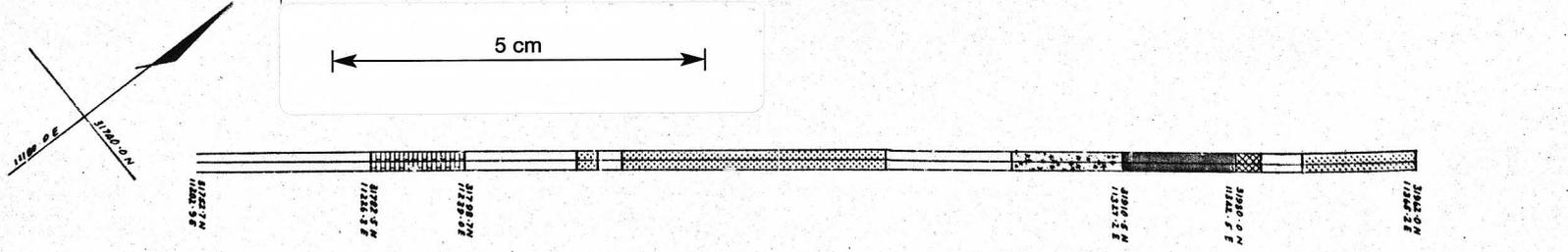
HOLE No.: ML 37

SCALE: 1 METRE | 10 40 | (ASSAYS X 2)

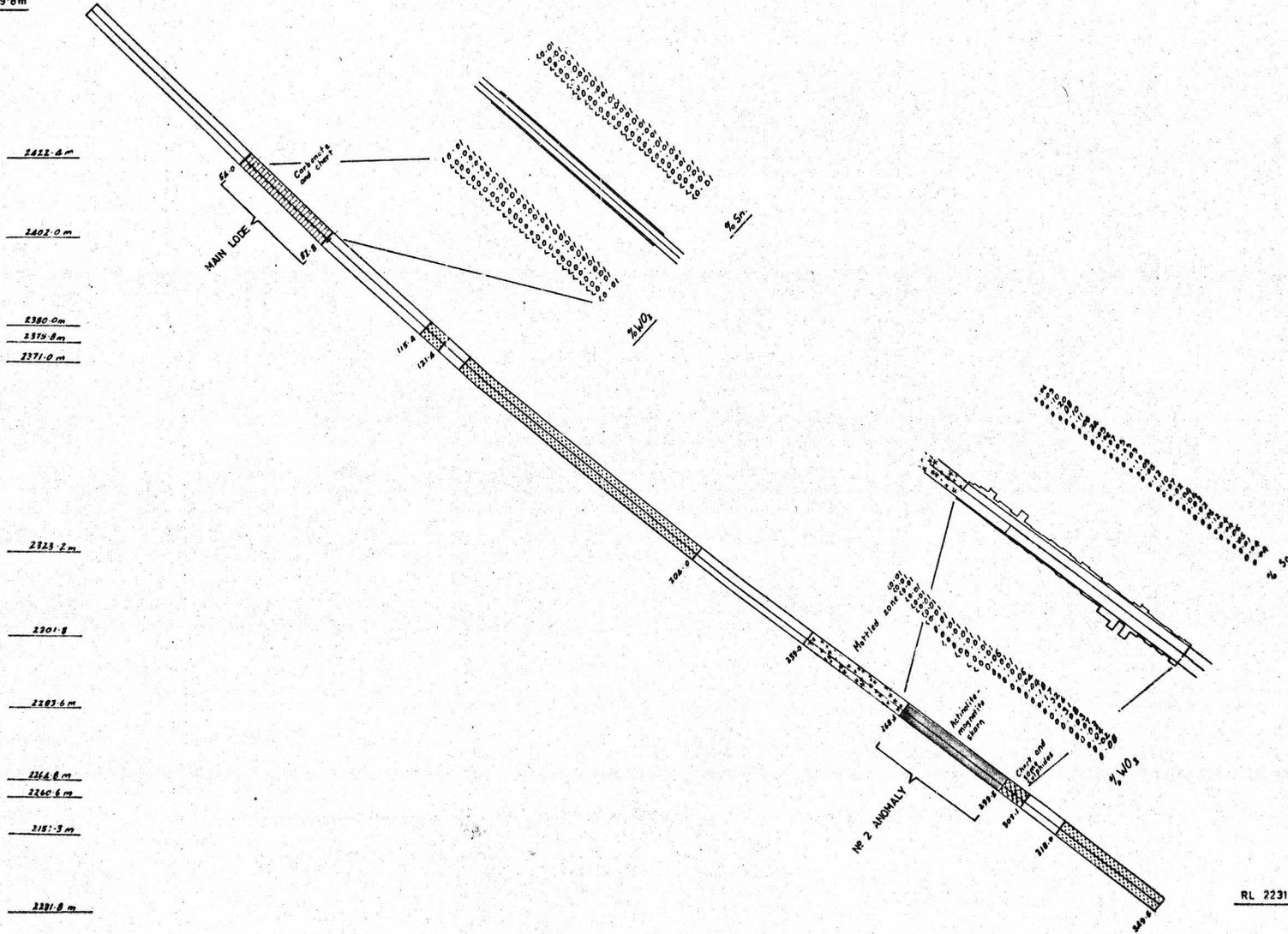
BENISOLI MITRA DIAMOND DRILL HOLE PLOT

096

PLAN



COLL. RL 2459.8 m



DIP PROFILE

181098

DIAMOND DRILL RECORD

UMBE M. 37
 LOGGED BY: A. ROSS 097

INTERVAL (m)		RECOVERY		DESCRIPTION	FORMATION	ASSAYS										
FROM	TO	m	%			FROM	Fe	Sn	As	Cu	Pb	Zn	Bi	Mo	WO ₃	
				Sedimentary conditions very stable - no slumping. Some spotting of siltstones due perhaps to contact mm. effect.		268.5	26.5	0.06	0.01			<0.01	<0.01	<0.01	<0.01	
						269	33.4	0.09	0.01			"	"	"	"	
						270	32.2	0.10	0.01			0.01	0.013	"	"	
204.0	214.5	10.5	100	Non-magnetic interval of well bedded siltstones with large calcite-actinolite veins. Minor feldspathic vitric greywacke. Colour blue-grey. Crossbedding indicates way up is down the hole. Bedding is thick. B.C.A.'s 60 - 70°. Grades into:		271	23.1	0.20	0.01			<0.01	0.01	"	"	
						272	40.9	0.08	0.01			"	<0.01	"	"	
						273	29.0	0.10	0.01			"	"	"	"	
						274	33.9	0.11	0.01			0.01	"	"	"	
						275	40.2	0.08	0.01			<0.01	"	"	"	
214.5	268.4	43.9	100	Interbedded non-magnetic feldspathic greywackes and minor mudstones. Siliceous. Colours are various mottled greys, browns, greens, white/cream indicative of alteration before No. 2 anomaly carbonate. Alteration has produced biotite, actinolite rich zones with blotchy effects not confined to bedding. Bedding is well-defined although lithologies are massive tuffs. B.C.A.'s vary from 60° at start to 90° just before No.2 carbonate. Well bedded in minor zones, although slumping very noticeable from 223 to 231m. Fractured veinlets of po. and py. in last metre of interval.		276	47.6	0.24	0.01			"	"	"	0.01	
						277	41.3	0.09	0.01			"	0.026	"	0.01	
						278	47.9	0.06	0.01			0.01	<0.01	"	<0.01	
						279	50.4	0.07	0.01			"	0.023	"	0.01	
						280	44.4	0.09	0.01			<0.01	<0.01	"	<0.01	
						281	49.5	0.09	0.01			"	0.01	"	0.01	
						282	29.3	0.09	0.01			0.01	<0.01	"	<0.01	
						283	41.8	0.10	0.01			<0.01	"	"	"	
						284	47.3	0.09	0.01			0.01	0.40	0.02	0.05	
						285	46.1	0.05	0.01	0.24		<0.01	<0.01	<0.01	0.01	
						286	46.0	0.12	0.01	0.20		0.01	0.017	"	0.01	
268.4	303.0	34.6	100	Banded interval of mineralisation consisting of magnetite pyrrhotite - pyrite- chalcopyrite - arsenopyrite. Dominant non-metallic minerals are actinolite, tourmaline, calcite, siderite, epidote. Skarnised and metasomatised carbonate sediment. B.C.A.'s vary 90° to 60°. Non-mineralised zones occur and are bedded cherts, green brown in colour. Most mineralisation is bedded. Rare quartz - fluorite - chalcopyrite veins. [Petrological Samples: 295.6m, HASTINGSITE - ACTINOLITE - BIOTITE ROCK; 295.7m ACTINOLITE - HASTINGSITE - MAGNETITE ROCK.]	No. 2 ANOMALY	287	53.8	0.10	0.01	0.45		0.02	0.036	0.02	0.01	
						288	46.5	0.07	0.01	2.30		0.02	0.056	0.002	0.011	
						289	47.4	0.02	0.01	3.77		0.13	0.10	0.012	0.013	
						290	46.9	0.04	0.01	2.03		0.05	0.05	0.003	0.016	
						291	54.9	0.04	0.01	2.66		0.02	0.07	0.003	0.010	
						292	42.2	0.03	0.01	1.34		0.02	0.03	0.003	0.014	
						293	39.3	0.02	0.01	1.63		0.92	0.05	0.003	0.018	
						294	34.8	0.06	0.01	1.32		0.51	0.03	0.003	0.016	
303.0	307.1	4.1	100	Highly altered and tourmalinised carbonate and tuff siltstones. Veined by tourmaline and quartz - fluorite veins. Banded appearance. B.C.A.'s 65 - 90°. Grades into:		295	35.7	0.12	0.01	3.05		0.97	0.09	0.003	0.011	
						296	26.0	0.04	0.01	2.10		0.03	0.06	0.003	0.024	
						297	31.4	0.04	0.01	1.35		<0.01	0.05	0.004	0.018	
						298	29.9	0.05	0.01	1.56		"	0.04	0.002	0.017	
						299	20.1	0.05	0.01	1.23		"	0.05	0.003	0.017	
						300	13.4	0.01	0.01	1.02		"	0.03	0.002	0.012	
307.1	318.0	10.9	100	Slightly less altered tuff, siltstone sequence. Tourmalinised and veined by quartz/fluorite. Textures indicate slumping. Non-calcareous. Non-magnetic. Bedding orientation confused by veining and alteration. Colours predominantly brown.		301	18.4	0.04	0.01	0.26		"	0.04	0.002	0.019	
						302	30.3	0.04	0.01	1.63		"	0.04	0.002	0.016	
318.0	349.5	31.5	100	Grades into tuff siltstone sequence which is less altered but still veined by quartz-tourmaline. B.C.A.'s av. 50° but shallow to 20°. Core very broken. Some zones are slightly magnetic. Severely microfaulted. Wellbedded siltstone layers. Fragmental tuffs rare. Two large granite veins 344.6 - 344.7m; 347.3 - 347.6m.												
				END OF HOLE												

181099

DIAMOND DRILL RECORD

HOLE NUMBER - L. 37.

LOGGED BY: A Ross.

098

NWPS

INTERVAL (m)		RECOVERY		DESCRIPTION										FORM.	% Sn.		% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO ₃							
FROM	TO	m	%	MAGNETIC SUSCEPTIBILITY $\times 10^6$ c.g.s. units																FROM	TO	TOTAL	ACID SOL.								
Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.																
56m	590	98m	"	140m	6000	182m	<100		<100	266m	760	308m	<100																		
	450		"		6800		6600		"		1150		"																		
	160	100m	"		7800		2450		"		850	310m	"																		
	480		"		5800		440		"				"																		
60m	510		"		7000		160		80	270m			"																		
	760		"		4900		7300		760				"																		
	810		"		5100		5000	230m	2050				"																		
	690		"		7600		5200		1700				"																		
	<100		"		8100	190m	7200		<100				"																		
	1100		"		5200		5800		"				"																		
	500		"	150m	8200		7200		"				"																		
	560		"		8200		5700		"				"																		
	720	110m	"		6100		5400		"			320m	"																		
	820		"		4500		5000		"				"																		
70m	1200		"		4400		5100		"	280m			"																		
	1650		"		6000		6600		"				"																		
	770		"		8200		7000	240m	"				"																		
	980		"		440		7000		"				"																		
	920		"		100	200m	5200		"				"																		
	710		480		4800		6400		"				"																		
	<100		1750	160m	8100		6800		"				"																		
	"		2300		8400		6800		"				"																		
	"	120m	3400		7800		5000		"			330m	2400																		
	550		2050		6200		<100		"				"																		
80m	1150		100		400		"		"	290m			"																		
	<100		<100		400		"		"				"																		
	"		"		1650		"	250m	"				"																		
	"		100		900		"		"				"																		
	"		100		300	210m	"		"				"																		
	"		1500		1600		"		"				"																		
	"		180	170m	4100		110		"		1000		1050																		
	"		1550		4500		<100		"		6200		4700																		
	"	130m	8200		6400		"		"		6800	340m	2800																		
	"		5600		7900		"		"		550		3200																		
90m	"		8600		4800		"		"	300m	7000		4600																		
	"		9600		5200		"		"		360		230																		
	"		9200		7600		"	260m	180		<100		3400																		
	"		5600		5200		"		<100		610		2600																		
	"		4400		7300	220m	"		100		<100		<100																		
	"		3400		1400		"		205		"		"																		
	"		6400	180m	860		"		175		130		3700																		
	"		7800		490		"		125		135		5200																		

181100

NO.	NUMBER	M.	30																	
PURPOSE	To test strong magnetic and arsenic anomalies along strike from mine area.			0	40.1°	-48½	0-13	13	9.7	2351.9										
				5	-	-50	33	20	14.6	2327.6	8.6	8.6								
LOCATION	MT. LINDSAY			21	36.6	-47	60	27	19.6	2308.0	18.6	40.8								
				45	35.8	-46½	90	30	21.6	2286.4	20.8	61.6								
COLLAR R.L.	2351.9			75	34.7	-46	117	27	18.8	2267.6	19.4	81.0								
				105	33.6	-44	141	24	16.5	2251.1	17.4	98.4								
CO-ORDINATES	31280.7 N 11469.3 E			129	32.7	-43½	165	24	16.4	2234.7	17.6	116.0								
				153	31.9	-43	189	24	16.1	2218.5	17.8	133.8								
LENGTH	408.5 m			177	31.0	-42	213	24	15.7	2202.9	18.1	151.9								
				201	30.1	-41	249	36	23.4	2179.5	27.4	179.3								
HOLE SIZE	0-12 NQ 12 - 408.5 BQ			225	29.3	-40½	282	33	20.3	2159.2	26.0	205.3								
				273	27.5	-38	303	21	12.5	2146.7	16.9	222.2								
COMMENCED	12-2-76			291	26.9	-36½	327	24	14.1	2132.6	19.4	241.6								
				315	-	-36	351	24	13.9	2118.8	19.5	261.1								
COMPLETED	8-3-76			339	-	-35½	372	21	12.0	2106.7	17.2	278.3								
				363	-	-35	390	18	10.3	2096.4	14.7	293.0								
SIGNIFICANT CORE LOSS ZONES				381	-	-35	408	18	10.3	2086.1	14.7	307.7								
				399	27.9	-35														
ORE ZONE GROUND CONDITIONS				405	-	-35														
				408	-	-35														
LOGGED BY	A. ROSS																			
COMMENTS	Drilled with F30 Truck Mounted Rig. NQ casing left in hole.																			

SUMMARY - ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m.)	AVERAGE WEIGHTED ASSAYS							
				Sn.	Cu.	As.	S.	Sn as Stannite	Bi	Mo	WO ₃
	353m	378m	25m	0.79	0.16	0.20	1.59	0.008	0.02	0.001	0.04
	<i>Estimated True Thickness</i>		23m.								
	353	359	16.0m	1.10	0.12	0.21	1.26	0.01	0.014	0.001	0.05
	<i>Estimated true thickness</i>		14.5m								

SUMMARY METALLURGICAL DATA COMPOSITE SAMPLE

LODE NAME	FROM	TO	Sn.	Cu.	As.	S	Ca F ₂	Ag.	Bi	Sn - Rec.	Cu - Rec.	Carb.	Silic.	S.G.

N.A.S

INTERVAL (m)		RECOVERY		DESCRIPTION	FORMATION	ASSAYS										
FROM	TO	m	%			FROM	TO	Sn	S	As	Cu	Sn as Sphinite	Zn	Bi	Mo	W ₃
				319.0 - 320.3m. Banded chert. B.C.A. av. 60°.												
				320.3 - 324.1m/ Siltstones, chert - less banded.		339	340	0.01		<0.01	<0.05		0.005	0.002	0.24	
				324.1 - 324.6m. Banded chert, grey to brown colours.		340				"	"		0.004	0.003	<0.01	
				324.6 - 325.1m. Siderite rich carbonate zone.		341		<0.01		"	"		0.004	0.002	<0.01	
				325.1 - 326.2m. Brown to grey banded chert. B.C.A. 40°.		342		0.01		"	"		0.003	0.002	0.02	
				326.2 - 337.9m. Less altered thick bedded tuff siltstones.		343		0.01		"	"		0.003	0.002	<0.01	
				and greywackes with minor pebble zones? Minor bands of chert		344		0.02		"	"		0.003	0.002	<0.01	
				zones of brecciation, rich in epidote, occur. B.C.A.'s 30-40°.		345		0.01		"	"		0.003	0.001	<0.01	
				Trace pyrrhotite throughout.		346		0.01		"	"		0.002	0.002	0.01	
				Essentially non-magnetic and non-calcareous.		347		0.01		0.01	"		0.003	0.002	<0.01	
						348		0.02		<0.01	"		0.003	0.002	0.01	
337.9	383.8	45.9	100	Carbonate zone.		349		<0.01		"	"		0.005	0.002	0.01	
				337.9 - 349.0m Siderite rich zone with minor bedded chert		350		"		"	"		0.005	0.002	0.01	
				and siltstones. Calcareous. Slightly magnetic. B.C.A. 30-40°.		351		5%		"	"		0.005	0.002	0.01	
				349.0 - 352.6m. Grey carbonate. Irregular banding and		352		8.2	0.27		"		0.006	0.002	0.01	
				veining. B.C.A. 50-60°.		353		29.0	1.10	0.45	0.05	0.11	0.030	0.062	0.001	<0.01
				352.6 - 377.6m. Magnetite - actinolite skarn zone with		354		20.9	0.63	2.37	<0.01	0.36	0.037	0.018	0.001	<0.01
				abundant veins of chalcopryrite. Highly magnetic. Sulphides		355		22.9	0.23	3.55	0.02	0.50	0.012	0.004	0.001	"
				seen: chalcopryrite, pyrrhotite, pyrite (marcasite), arsenopyrite.		356		29.2	1.43	1.90	<0.01	0.25	<0.003	0.004	0.001	0.05
				Minor laminated siltstone beds.		357		29.1	0.81	1.51	0.19	0.08	0.005	0.028	0.001	0.15
				B.C.A. 75-80°. Irregular veins of sulphide.		358		23.9	0.79	0.65	0.05	<0.05	0.005	0.005	0.001	0.01
				377.6 - 383.8m. Unmineralised siderite rich zone and grey		359		34.8	2.20	0.19	0.09	"	0.003	0.005	0.001	0.01
				carbonate with bedded cherts, siltstones.		360		27.1	0.83	0.50	0.15	"	<0.003	0.005	0.001	0.10
				B.C.A.'s 70°. [Petrological Samples: 352.2m CARBONATE-MAGNETITE ROCK; 355.3m QUARTZ-CARBONATE-CHLORITE ROCK;		361		26.9	1.22	0.67	<0.01	"	<0.003	0.005	0.001	<0.01
				352.2m MAGNETITE RICH CASITERITE ORE; 359.2m METAMORPHISED ? TUFFACEOUS ARGILLITE / SIDERITE DOLOMITE WITH CASITERITE;		362		38.0	0.35	0.22	"	"	<0.003	0.007	0.001	0.01
383.8	388.1	4.3	100	Banded, light green and grey chert. Minor brecciation. (continued below)		363		39.3	2.31	0.93	"	0.08	0.013	0.005	0.001	0.16
				Minor amount pyrrhotite. Rare calcite veinlets.		364		33.2	2.35	0.55	0.30	<0.05	0.003	0.009	0.001	0.05
				Grades into:		365		35.6	0.09	1.13	1.42	"	0.005	0.044	0.001	0.16
						366		30.0	0.06	3.68	1.04	0.14	0.005	0.009	0.001	0.09
388.1	408.5	20.4	100	Dark green to black interbedded siltstones and medium		367		37.1	1.23	1.69	<0.01	<0.05	0.013	0.004	0.001	0.01
				grained greywackes. Minor basic lavas. Non-magnetic		368		28.3	1.99	0.21	"	"	0.015	0.004	0.001	0.01
				except for 402.3 - 402.8m zone. Non-calcareous except for		369		21.9	0.10	4.42	0.05	0.24	0.013	0.010	0.002	0.02
				minor carbonate veinlets. B.C.A. 60 - 70°.		370		39.9	0.02	2.82	0.69	0.31	0.007	0.085	0.002	0.04
				Core very broken. From 398 to 402.3, veins of rhodochrosite		371		32.4	0.01	1.98	0.03	0.39	0.005	0.040	0.001	0.03
				and calcite are common. Spotting of sediments common. No		372		32.8	0.04	0.96	0.01	0.15	0.005	0.028	0.002	0.03
				sulphide except for trace pyrrhotite in some actinolite veins.		373		26.8	0.01	1.73	0.22	0.06	<0.003	0.046	0.002	0.01
				END OF HOLE		374		24.8	0.85	1.29	0.79	0.20	<0.003	0.024	0.002	0.01
				[Petrological Descriptions Follow]		375		29.4	0.40	1.26	0.04	<0.05	<0.003	0.024	0.002	0.04
						376		20.2	0.21	2.49	0.01	"	<0.003	0.007	0.002	0.01
						377		16.2	0.54	2.72	<0.01	"	0.005	0.004	0.001	<0.01
						378			0.01		<0.01	"	"	0.004	0.001	"
				359.8m METAMORPHISED FRACTURED IMPURE CHERT; 363.6m FELDSPATIC MAGNETITE-CARBONATE		379			0.01		0.01	"	"	0.004	0.001	"
				ROCK WITH CASITERITE; 364.6m QUARTZ-CARBONATE-MAGNETITE ROCK WITH CASITERITE;		380			0.01		<0.01	"	"	0.003	0.001	"
				365.1m CARBONATE-QUARTZ-ADULPHINE VEIN WITH ARSENOPYRITE, FLUORITE; 369.0m		381			0.01		"	"	"	0.004	0.001	"
				VEENIUMITE - CARBONATE ROCK.]		382			0.01		"	"	"	0.004	0.001	"
						383			0.02		"	"	"	0.004	0.001	0.02
						384			0.01		"	"	"	0.004	0.001	<0.01
						385			<0.01		"	"	"	0.002	0.001	"
						386			"		"	0.06	"	0.002	0.001	"
						387		388	"		"	<0.05	"	0.002	0.001	"

101

100

DIAMOND DRILL RECORD

HOLE NUMBER: L. 58.

LOGGED BY: A. Ross.

102

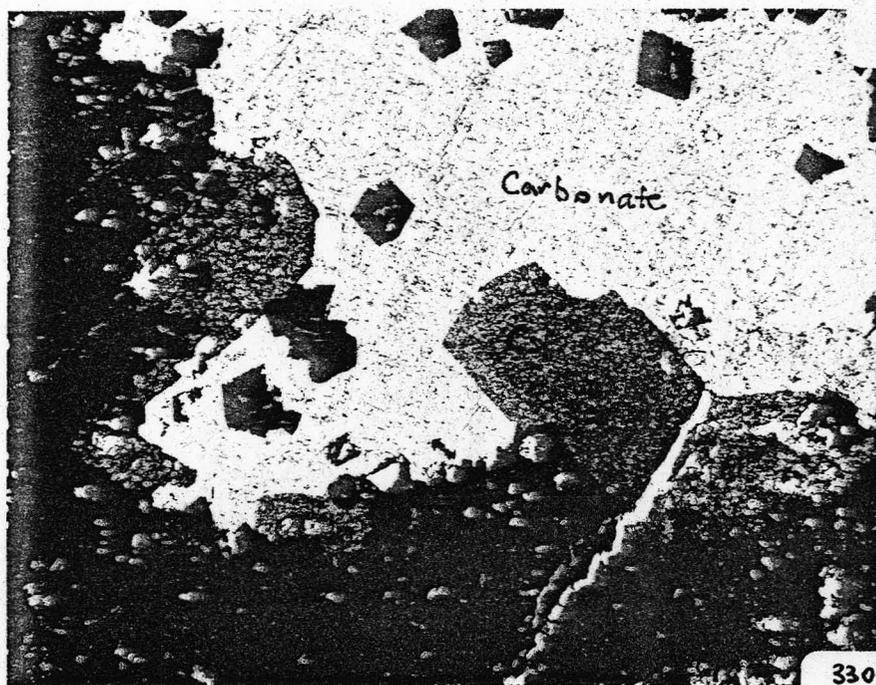
NWPS

INTERVAL (m)		RECOVERY		DESCRIPTION										FORM		% Sn.													
FROM	TO	m	%	MAGNETIC SUSCEPTIBILITY $\times 10^4$ c.g.s. units										FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO ₃				
Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.										
4.4m	<100	47m	1450	89m	560	131m	<100	173m	<100	215m	10600	257m	480	299m	720	342m	400	383m	200										
6	"	"	<100	90m	130	"	1300	"	6200	"	7800	"	130	300m	380	"	2350	"	520										
7	"	"	"	"	<100	"	1450	"	120	"	9600	"	230	"	<100	"	1200	"	1200										
"	"	50m	"	"	940	"	680	"	1750	"	6400	260m	590	"	1100	"	790	"	1800										
"	"	"	"	"	1200	"	<100	"	5100	"	7800	"	380	"	1150	"	100	"	<100										
10m	"	"	"	"	510	"	"	"	4500	220m	11000	"	1250	"	300	"	160	"	140										
"	"	"	"	"	880	"	"	"	6000	"	8600	"	150	"	670	"	900	"	<100										
"	"	"	"	"	920	"	"	180m	2600	"	6300	"	100	"	<100	"	1150	340m	"										
"	"	"	"	"	780	"	"	"	450	"	11100	"	200	"	130	"	330	"	"										
"	"	"	"	"	800	140m	"	"	<100	"	9900	"	350	"	<100	350	110	"	"										
"	"	"	"	"	680	"	"	"	"	"	110	"	200	"	"	"	130	"	180										
"	"	"	"	100m	600	"	"	"	3300	"	1750	"	190	310m	230	"	260	"	110										
"	"	"	"	"	950	"	"	"	6800	"	8200	"	<100	"	490	"	<100	"	170										
"	"	60m	"	"	1100	"	"	"	9800	"	10000	270m	510	"	300	"	<100	"	130										
"	"	"	"	"	1340	"	"	"	6000	"	9600	"	450	"	530	"	<100	"	<100										
20m	"	"	"	"	460	"	"	"	11000	230m	8900	"	180	"	560	"	<100	"	"										
"	"	"	"	"	760	"	"	"	11700	"	<100	"	470	"	440	"	<100	"	"										
"	"	"	"	"	1050	"	"	190m	11000	"	"	"	1300	"	320	"	<100	400m	"										
"	"	"	"	"	1750	"	"	"	9000	"	"	"	190	"	640	"	<100	"	180										
"	"	"	"	"	1170	180m	"	"	11500	"	"	"	710	"	1550	360m	<100	"	<100										
"	"	"	"	"	1750	"	"	"	6400	"	"	"	640	"	550	"	<100	"	"										
"	"	"	"	110m	1250	"	"	"	5800	"	"	"	<100	320m	2700	"	<100	"	"										
"	"	"	"	"	1700	"	"	"	10500	"	"	"	850	"	610	"	<100	"	"										
"	"	70m	"	"	330	"	"	"	7300	"	"	280m	1100	"	400	"	<100	"	"										
"	"	"	"	"	<100	"	"	"	2900	"	"	"	1050	"	920	"	<100	"	"										
30m	"	"	"	"	"	"	"	"	6400	240m	4400	"	2000	"	2300	"	<100	"	"										
"	"	"	"	"	"	"	"	"	9300	"	"	"	210	"	3400	"	<100	"	"										
"	"	"	"	"	"	"	"	200m	2250	"	"	"	430	"	1050	"	<100	"	"										
"	"	"	"	"	"	"	"	"	9600	"	"	"	290	"	100	"	<100	"	"										
"	"	"	"	"	"	160m	"	"	8400	"	"	"	570	"	250	370m	<100	"	"										
"	"	"	"	"	"	"	"	"	11500	"	"	"	240	"	1350	"	<100	"	"										
"	"	"	"	120m	"	"	"	"	<100	"	"	"	170	330m	<100	"	<100	"	"										
"	"	"	"	"	"	"	"	"	10600	"	"	"	490	"	170	"	<100	"	"										
"	"	80m	"	"	"	"	"	"	8200	"	"	240m	720	"	<100	"	<100	"	"										
"	"	"	"	"	150	"	"	"	12900	"	"	"	<100	"	520	"	<100	"	"										
40m	"	"	"	"	<100	"	"	"	9800	250m	<100	"	180	"	340	"	<100	"	"										
"	"	"	"	"	110	"	"	"	7400	"	"	"	550	"	<100	"	<100	"	"										
"	"	"	"	"	<100	"	"	210m	11100	"	"	"	570	"	"	"	<100	"	490										
"	"	"	"	"	"	"	"	"	8200	"	"	"	830	"	"	"	<100	"	280										
"	"	"	230	"	600	170m	"	"	9600	"	"	"	450	"	110	380m	<100	"	"										
"	"	"	940	"	480	"	"	"	8900	"	"	"	150	"	380	"	<100	"	340										
"	200	"	5800	130m	1450	"	120	"	9700	"	<100	"	280	340m	250	"	<100	"	300										

MAGNETIC MINERALIZATION

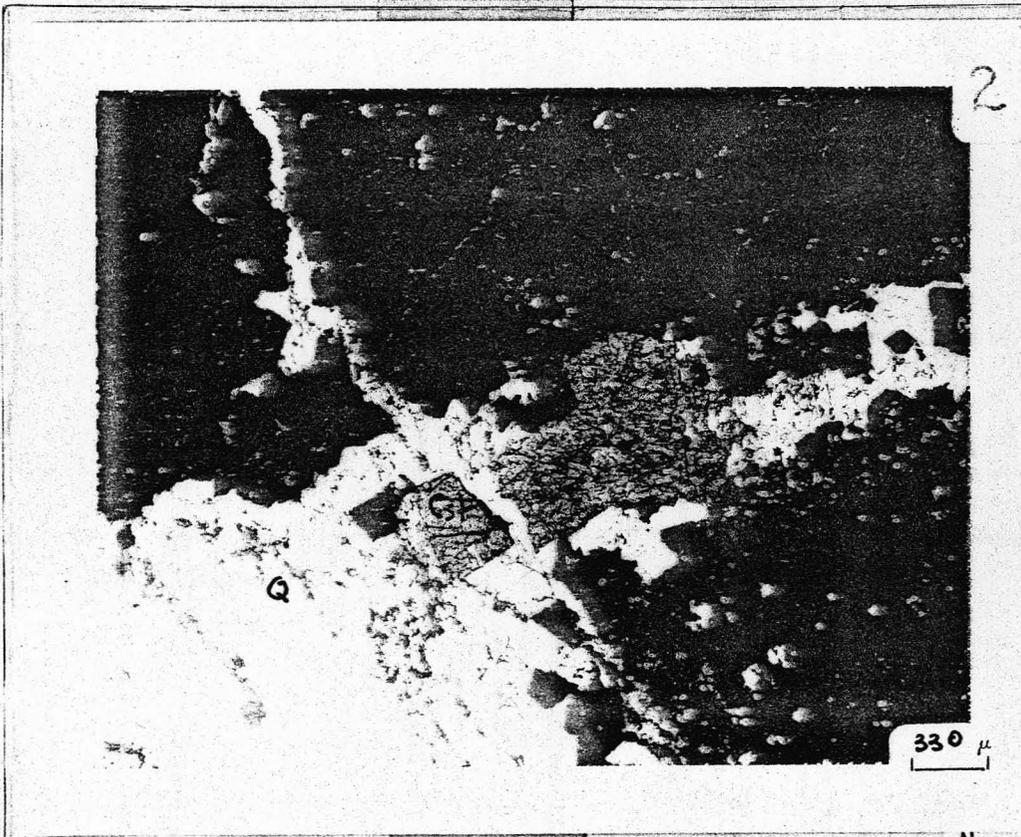
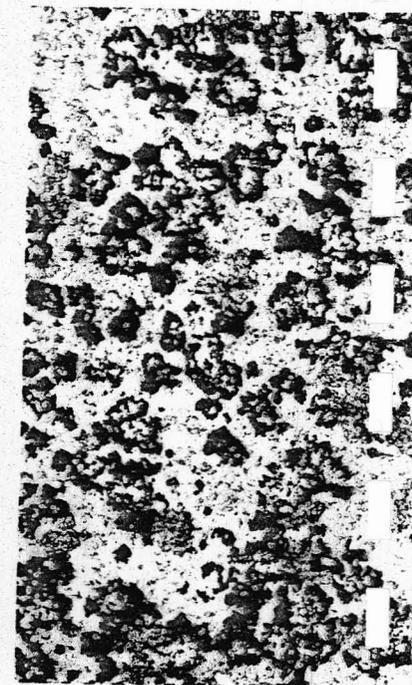
181104

103



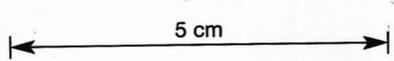
Carbonate

330 μ



2

330 μ



No. 3 359.2m Magnification = 30

Disseminated magnetite, with prismatic cassiterite (dark areas), and interstitial quartz.

No. 4 363.6m Magnification = 12

Showing details of magnetite, some and associated granular cassiterite.

No. 1 357.2m Magnification = 30x

Coarse cassiterite crystals with magnetite and carbonate. Note younger carbonate vein cutting cassiterite and other minerals.

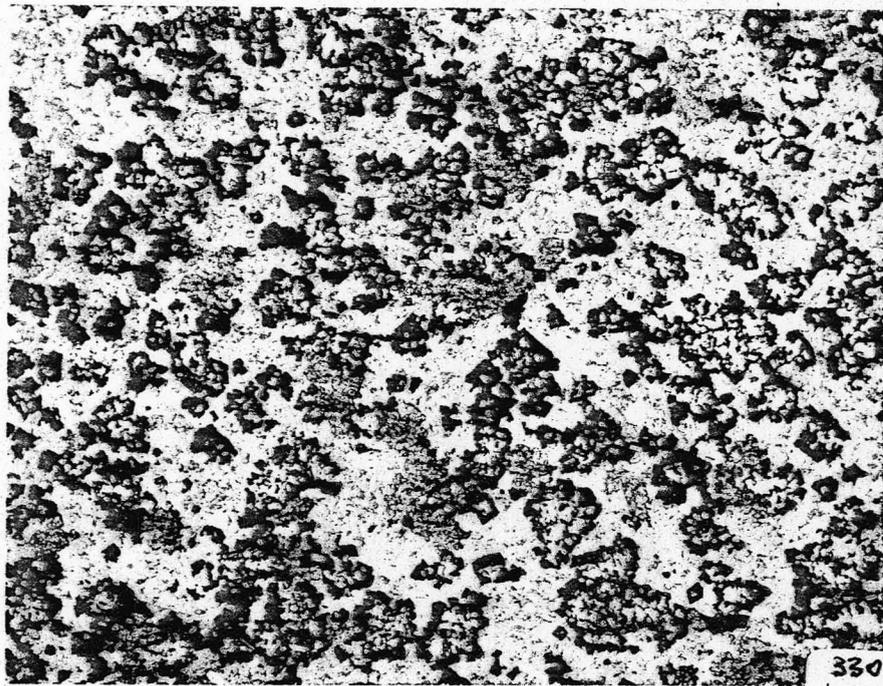
No. 2 357.2m Magnification = 30x

Large cassiterite, partly embedded in quartz, partly in carbonate, cut by younger carbonate. Black = magnetite.

181106

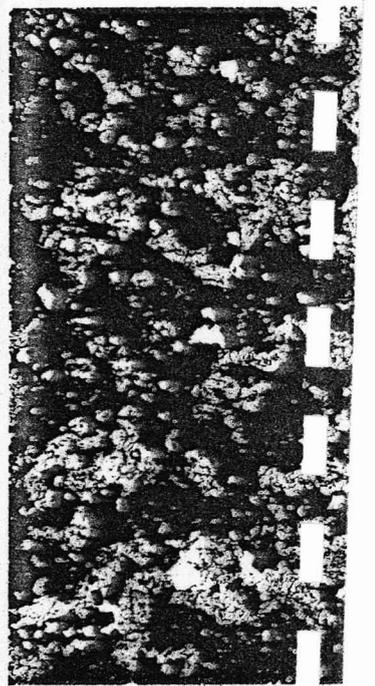
104

3

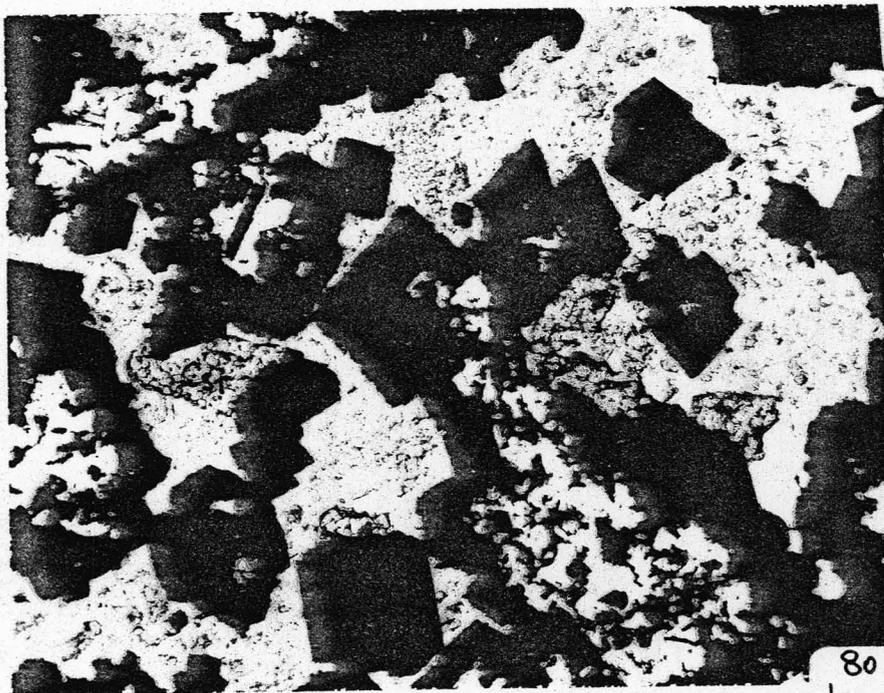


330 μ

330 μ



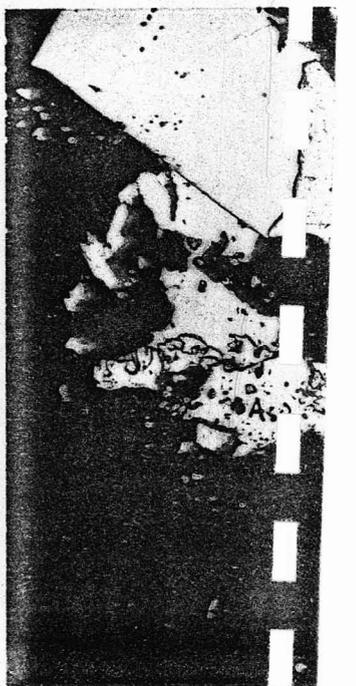
4



80 μ

2

330 μ



No. 3 359.2m Magnification = 30x

Disseminated magnetite, with pronounced atoll texture, abundant granular cassiterite (dark areas), and interstitial carbonate with chlorite.

No. 4 363.6m Magnification = 125x

Showing details of magnetite, some with atoll textures (cores are carbonate), and associated granular cassiterite.

No. 5 364.6m Magnification = 30x

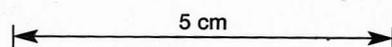
Intergrown magnetite and cassiterite; simple, granular, and should present

No. 6 365.1m (Polished Section), 1

Showing arsenopyrite, associated bisulphide as at Renison.

te. Note younger carbon-

ir carbonate, cut by



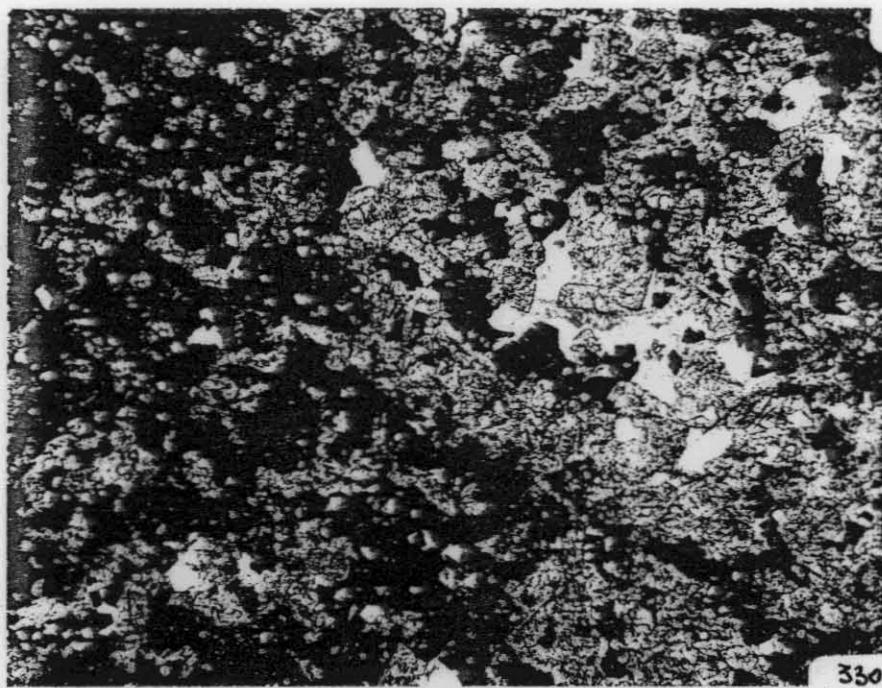
105

3



330 μ

5



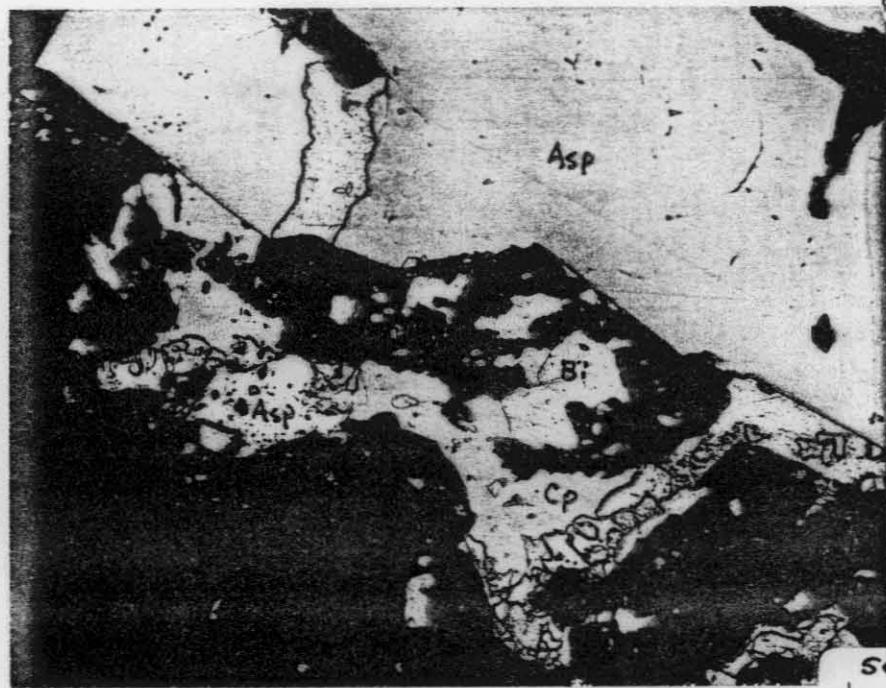
330 μ

4



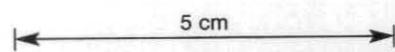
80 μ

6



50 μ

texture, abundant granular carbonate with chlorite.



textures (cores are carbonate),

No. 5 364.6m Magnification = 30x

Intergrown magnetite and cassiterite; very rich section. Intergrowths are simple, granular, and should present no liberation problems.

No. 6 365.1m (Polished Section) Magnification = 200x

Showing arsenopyrite, associated bismuth and chalcopyrite. Similar relationship as at Renison.

HOLE No.:

SCALE:

DIAMOND DRILL HOLE PLOT

106

MT. LINDSAY DIAMOND DRILLING

DRILL PLOT KEY

DEVONIAN



Meredith Granite: porphyritic granite & dykes.



Skarn: with magnetite and/or chlorite-phlogopite.



Calc-silicate: garnet, diopside, carbonate bands.

CAMBRIAN



Carbonate: grey, unaltered and recrystallised.

Crimson Creek



Chert: grey to grey-brown and siliceous shales.

Formation



Mottled Zone: interbanded grey shales and cream-green-brown cherts.



Magnetic Shales: altered labile psammopelites with magnetite.



Non-magnetic Shales: altered psammopelites.

181108

HOLE NUMBER	SURVEY	From -		Distance		VERTICAL		HORIZONTAL		Total
		D	Bea	To	D	Sin D	R.L.	Cos Di		
PURPOSE	To test IP, magnetic and As geochemical anomalies.	0	232½	-4B½			2412.7			
		12	-	-4B	0 - 12	12	8.92	2403.8	8.03	8.0
		24	-	-45	12 - 42	30	21.21	2382.6	21.21	29.2
LOCATION	Mt. Lindsay E.L. 18/73	48	-	-44	42 - 54	12	8.34	2374.3	8.63	37.9
		60	-	-45	54 - 66	12	8.49	2365.8	8.49	46.4
COLLAR R.L.	2412.7	72	234	-44	66 - 78	12	8.34	2357.5	8.63	55.0
		108	234	-43	78 - 114	36	24.55	2332.9	26.33	81.3
CO-ORDINATES	31637.4 N 10268.3 E	120	235	-42½	114-126	12	8.11	2324.8	8.85	90.2
		132	237	-42	126-138	12	8.03	2316.8	8.92	99.1
LENGTH	337.1m	144	-	-41	138-150	12	7.87	2308.9	9.06	108.2
		156	-	-40	150-162	12	7.71	2301.2	9.19	117.3
HOLE SIZE	0-66 NQ 66-337.1 BQ	168	-	-40	162-174	12	7.71	2293.5	9.19	126.5
		180	241	-39	174-186	12	7.55	2285.9	9.33	135.9
COMMENCED	26-11-76	192	-	-39	186-198	12	7.55	2278.3	9.33	145.2
		204	241	-37	198-210	12	7.22	2271.1	9.58	154.8
COMPLETED	5-1-77	216	247	-39	210-222	12	7.55	2263.6	9.33	164.1
		228	-	-38½	222-234	12	7.47	2256.1	9.39	173.5
SIGNIFICANT CORE LOSS ZONES		240	-	-38½	234-246	12	7.47	2248.6	9.39	182.9
		252	-	-39	246-258	12	7.55	2241.1	9.33	192.2
ORE ZONE GROUND CONDITIONS		264	-	-38	258-272	14	8.62	2234.4	11.03	203.2
		276	-	-38	272-337	65	40.0	2192.4	51.22	254.5
LOGGED BY	A. ROSS.	337.1	-	-						
COMMENTS	Two carbonate-rich horizons intersected, with traces of pyrrhotite but barren with respect to tin. Strongly magnetic greywacke/siltstone horizon from 219 to 259m probably explains magnetic anomaly. Disseminated pyrrhotite may explain IP anomaly.									

SUMMARY - ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m.)	AVERAGE WEIGHTED ASSAYS				
				Sn.	Cu.	As.	S.	WO ₃
CARBONATE HORIZON	141.2	165.1	20m (true)	<0.1	0.05	<0.01		<0.01
CARBONATE HORIZON	289.4	313.4	21m (true)	<0.1				
				(TIN CORE ANALYSER)				

SUMMARY METALLURGICAL DATA COMPOSITE SAMPLE

LODE NAME	FROM	TO	Sn.	Cu.	As.	S	Ca F ₂	Ag.	Bi		Sn - Rec.	Cu - Rec.	Carb.	Silic.	S.G.

107

181109

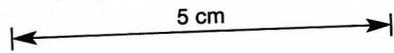
RENISON LIMITED
DIAMOND DRILL HOLE LOG

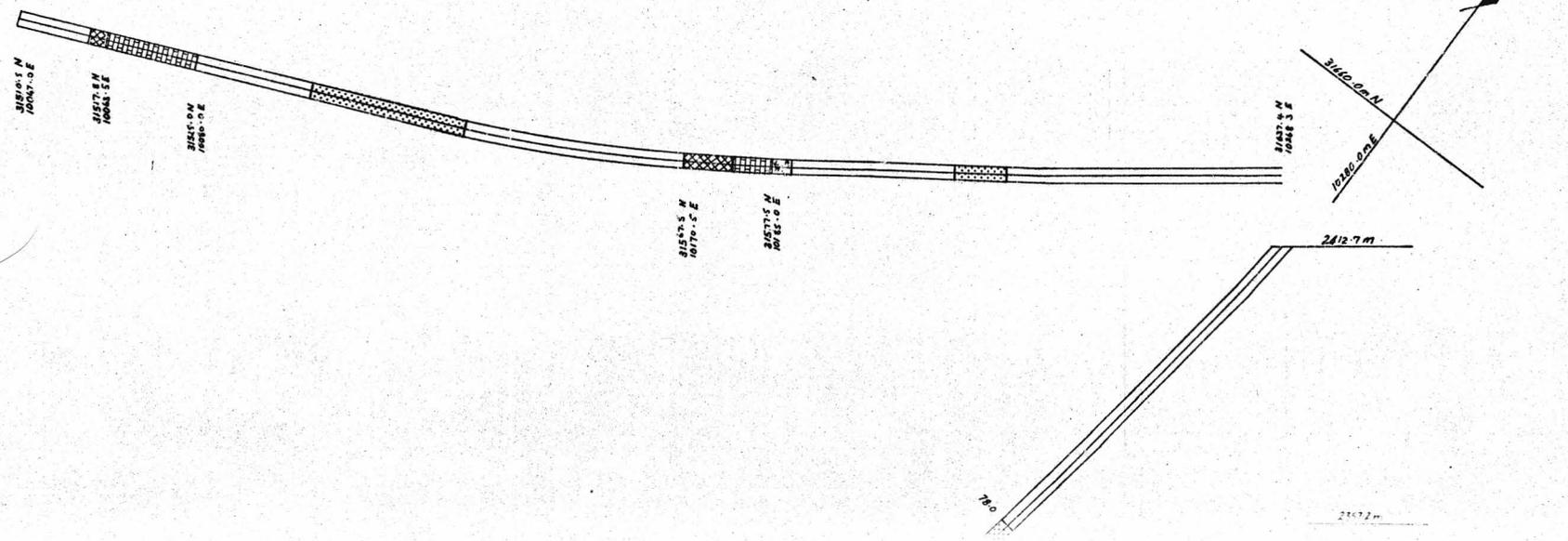
HOLE NO.: M. 4739

SCALE: 

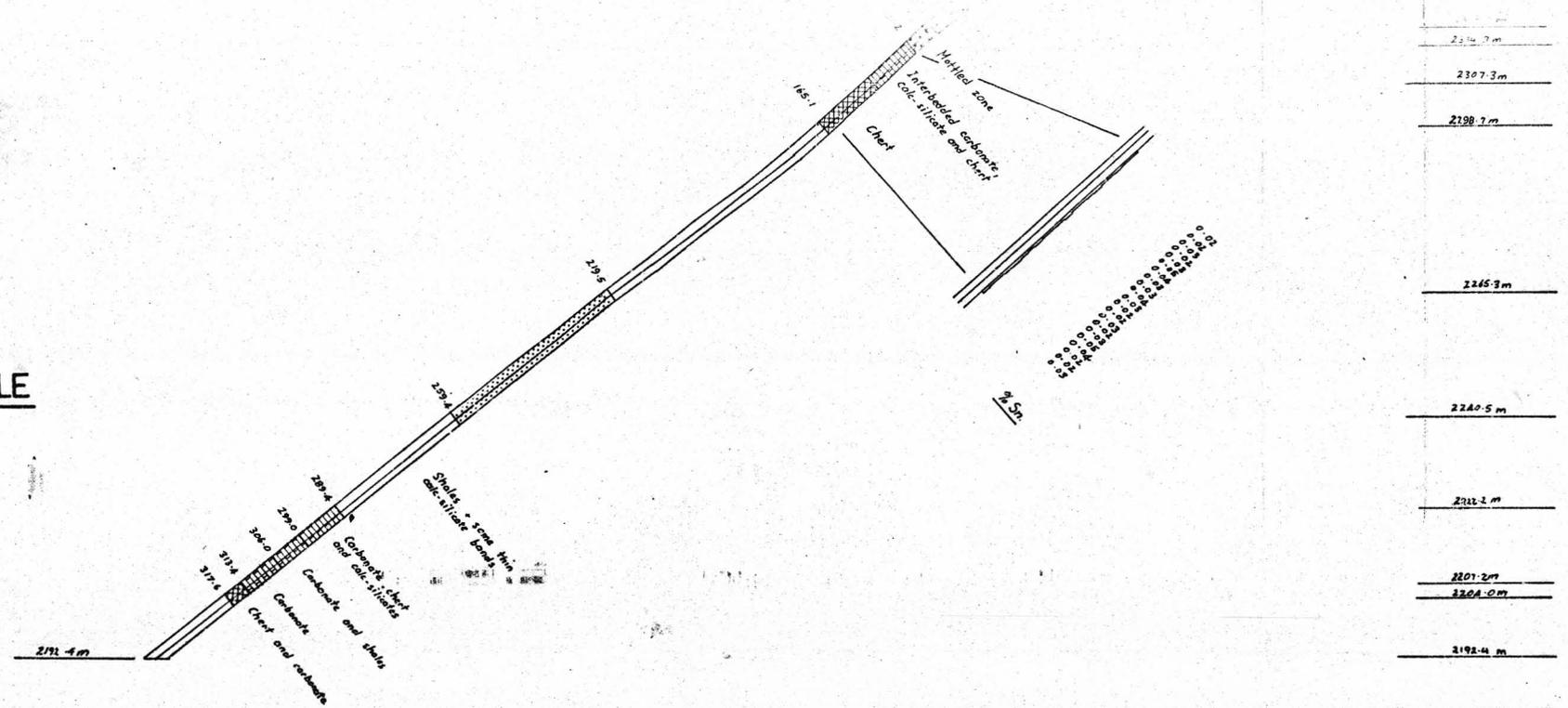
108

PLAN

5 cm 



DIP PROFILE



181110

DIAMOND DRILL RECORD

HOLE NUMBER · M.L. 39

LOGGED BY : A. Ross.

109

NWPS

INTERVAL (m)		RECOVERY		DESCRIPTION										FORM	% Sn.										
FROM	TO	m	%	MAGNETIC SUSCEPTIBILITY $\times 10^{-6}$ c.g.s. units											FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag
Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.										
6m	<100	103m	2500	145m	250	167m	<100	229m	26500	271m	<100	313m	2900												
"	"	"	<100	"	1450	"	"	220m	10800	"	150	"	400												
"	"	"	"	"	1550	"	250	"	<100	"	100	"	300												
"	"	"	"	"	800	190m	200	"	150	"	1500	"	<100												
"	"	"	"	"	3000	"	<100	"	1950	"	250	"	300												
"	"	"	"	150m	<100	"	370	"	<100	"	200	"	100												
"	"	"	"	"	1650	"	230	"	200	"	<100	"	290												
"	"	110m	"	"	1400	"	250	"	7000	"	"	310m	240												
"	"	"	"	"	1170	"	<100	"	9900	"	"	"	200												
70m	"	"	"	"	900	"	"	"	10000	280m	"	"	210												
"	"	"	"	"	1150	"	180	"	2600	"	"	"	120												
"	"	"	"	"	650	"	<100	240m	12500	"	200	"	230												
"	"	"	"	"	1100	"	"	"	9450	"	<100	"	200												
"	"	"	"	"	1000	200m	"	"	14500	"	180	"	600												
"	"	"	"	"	180	"	"	"	8200	"	<100	"	250												
"	"	"	"	160m	500	"	"	"	9500	"	"	"	2700												
"	"	"	"	"	1250	"	"	"	10900	"	"	"	150												
"	"	120m	"	"	1250	"	"	"	7800	"	250	330m	210												
"	"	"	"	"	150	"	"	"	8400	"	100	"	310												
80m	1500	"	"	"	250	"	"	"	11600	290m	1350	"	850												
"	3700	"	"	"	150	"	"	"	11200	"	1650	"	300												
"	5100	"	"	"	420	"	"	250m	8200	"	1300	"	<100												
"	11400	"	"	"	300	"	"	"	10900	"	800	"	160												
"	11450	"	"	"	300	210m	"	"	750	"	700	"	<100												
"	2500	"	"	"	600	"	"	"	350	"	350	"	200												
"	9000	"	"	170m	950	"	"	"	3000	"	250	"													
"	9200	"	"	"	600	"	"	"	6800	"	700	"													
"	6300	130m	"	"	850	"	"	"	8400	"	500	"													
"	3400	"	"	"	470	"	"	"	10900	"	<100	"													
90m	650	"	"	"	350	"	"	"	11800	300m	220	"													
"	2100	"	"	"	370	"	"	"	12500	"	<100	"													
"	2300	"	"	"	550	"	220	260m	120	"	"	"													
"	7400	"	"	"	170	"	100	"	100	"	150	"													
"	8200	"	"	"	520	220m	12200	"	130	"	<100	"													
"	11200	"	"	"	500	"	50000	"	<100	"	"	"													
"	5100	"	"	180m	<100	"	19500	"	"	"	250	"													
"	10600	"	950	"	150	"	25000	"	120	"	<100	"													
"	<100	140m	560	"	100	"	19500	"	150	"	200	"													
"	"	"	1150	"	<100	"	21000	"	180	"	300	"													
100m	2800	magnetic	108000(?)	"	"	"	25000	"	130	310m	600	"													
"	2300	"	1550	"	210	"	14000	"	110	"	1000	"													
"	1400	"	1350	"	<100	"	14000	270m	120	"	600	"													

108 107 106 105

E NU	ML	Depth	SURVEY			From	Dist	VERTICAL		HORIZONTAL	
			Bearing	Dip				D. Sin Dip	R.L.	D. Cos Dip	Prog. Total
PURPOSE	To test sequence along strike from D.D.H. 38	0	042°	-45½	0-70	70	49.92	2267.8	49.92	49.92	
		140	042	-44	70-167	97	67.38	2200.4	69.78	119.7	
LOCATION	MT. LINDSAY EL 2/63	194		41	167-221	54	35.43	2165.0	40.75	160.4	
		248	042	-38	221-275	54	33.25	2131.7	42.55	203.0	
COLLAR R.L.	2317.7	302		35	275-329	54	30.97	2100.8	44.23	247.2	
		356		-32½	329-383	54	29.01	2071.7	45.54	292.8	
CO-ORDINATES	31039.9 N 11502.5 E	410		-31	383-437	54	27.81	2043.9	46.29	339.0	
		464		-28	437-491	54	25.25	2018.7	47.68	386.7	
LENGTH	550.1m	502	036	-27½	491-529	38	17.55	2001.1	33.71	420.4	
		550	033½	-28	529-550	21	9.86	1991.3	18.54	439.0	
HOLE SIZE	0-81.1 NQ 81.1-550.1 BQ	Bearings affected by magnetite									
COMMENCED	11/1/77										
COMPLETED	14/2/77										
SIGNIFICANT CORE LOSS ZONES											
ORE ZONE GROUND CONDITIONS											
LOGGED BY	A. ROSS.										
COMMENTS	Intersected major barren carbonate-rich horizon from 418 to 454m. Other carbonate-chert horizons intersected.										

SUMMARY - ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m.)	AVERAGE WEIGHTED ASSAYS				
				Sn.	Cu.	As.	S.	
NO. 2 ANOMALY CARBONATE HOR.	418	454	52 (true)	<0.1				
				(Tin core ANALYSER)				
CARBONATE HORIZON	92	124	23 (true)	<0.1				
CARBONATE HORIZON	247	257	10 (true)	<0.1				

SUMMARY METALLURGICAL DATA

COMPOSITE SAMPLE

LODE NAME	FROM	TO	Sn.	Cu.	As.	S.	Ca F ₂	Ag.	Bi.	Sn - Rec.	Cu - Rec.	Carb.	Silic.	S.G.

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181112

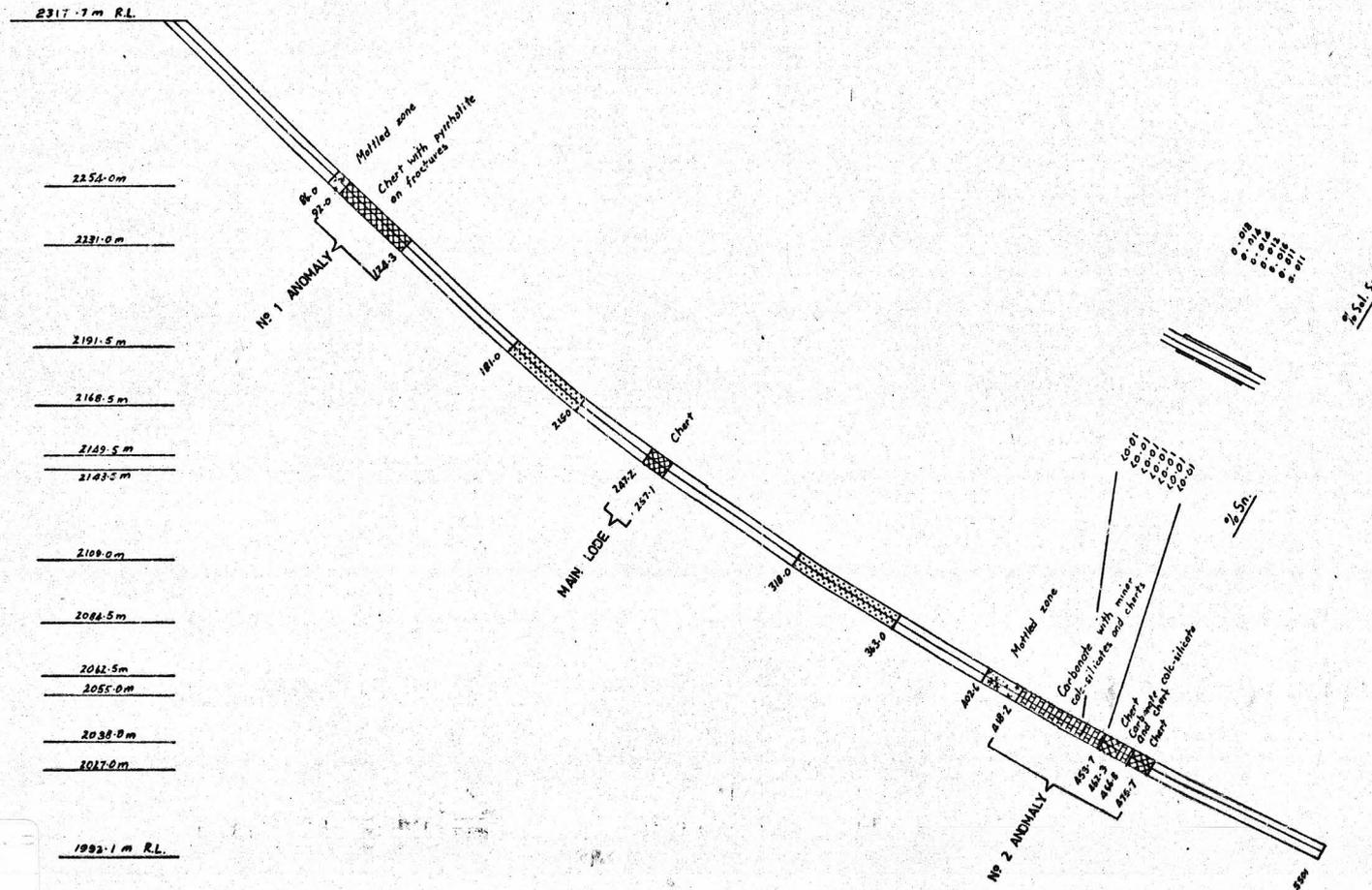
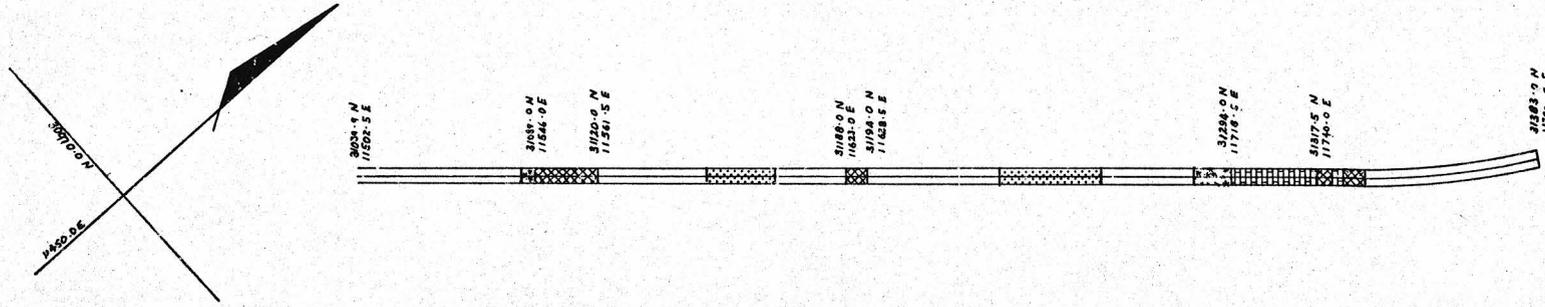
HOLE No.: M.L. 40

SCALE: 0 20 40 60 80 Metres

ISOL. MIT. DIAMOND DRILL HOLE PLOT

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PLAN



DIP PROFILE

181113

INTERVAL (m)		RECOVERY		DESCRIPTION	FORM.	% Sn.											
FROM	TO	m	%			FROM	TO	TOTAL	As STAN.	% Cu.	% As.	% Fe	% Pb.	% Zn.	% Bi.	g/t Ag.	g/t WO ₃
215	247.2			Non magnetic grey hornfels as before. Minor actinolite alteration with trace sulphide in rare zones (pyrrhotite, chalcopyrite). Carbonate veinlets from 219 to 225m. Core very broken from 239 to 247m. Alteration increased in this zone.													
247.2	257.1			Cream white to light grey well bedded chert, siltstone with disseminated minor pyrrhotite in veinlets throughout BCA's 70°. Altered calc-silicate core. Very minor carbonate veinlets. At base of interval are brown well bedded cherty siltstones. Microfaulting common.	Main Lode												
257.1	318			Grades into dark grey greywackes. (medium grained feldspathic greywacke) and minor siltstone. Non magnetic. Slight alteration adjacent to chert zone. Bedded. BCA's 60-70. Very minor actinolite rich alteration zones. From 280-291m. Very broken zone. Carbonate veinlets as joints and irregular throughout. Minor actinolite.													
318	363			Same siltstone and minor greywacke. BCA's 60-70°. Moderate to strongly magnetic. Predominantly massive. No marked alteration.													
363	402.6			Non magnetic zone of grey siltstones and massive greywacke with increasing alteration towards base of interval. BCA's 45-50°. 363-364.5 Broken zone. 368m start of alteration. Veinlets of tremolite throughout. Minor actinolite. Trace sulphide. Overall colour change to brown-grey. 388-390. Well bedded siltstones. 390-402. Minor zones of actinolite and brecciation with microfracturing are common.													
402.6	418.2			Variously coloured, mottled alteration zone. Colours light to dark brown, light grey, cream to green. Altered siltstones, minor fragmental textures. Rare actinolite sulphide veining. Trace disseminated sulphide. 415.0m. Minor black siltstone with pyrrhotite veinlets. BCA's 50-55, surging to 70-80° at end of interval.													
418.2	453.7			[Petrological Sample 414.0m METASOMATISED TUFF.] Well bedded grey to light grey-white unaltered barren carbonate. Later stage calcite veinlets. Trace of pyrrhotite. Minor chert. Similar to barren carbonate in DDH 38. BCA 60-70°. Brown garnet and idocrase common from 446 to 453m. [Petrological Samples 410.6m - CARBONACEOUS	No 2 Anom	446.0 447.0 448.0 449.0 450.0	447.0 448.0 449.0 450.0	< 0.01 " " " " "	0.018 0.014 0.014 0.012 0.016	< 0.05 " " " " "	< 0.10 " " " " "	5.8 7.9 4.7 5.9 5.3	0.006 0.004 0.006 0.008 0.006	0.004 0.007 0.005 0.013 0.005	0.006 0.003 0.006 0.008 0.009	4 3 4 5 5	< 0.01 " " " " "
453.7	462.3			LIMESTONE; 412.0m METASOMATISED TUFF/LIMESTONE; 417.8m CARBONACEOUS LIMESTONE WITH TUFF; 434.5m - METASOMATISED TUFF/CARBONATE ROCK Brown to light green, well bedded chert and minor carbonate. Trace pyrrhotite. BCA av 60°. Slight alteration. Minor chlorite veinlets. Altered sediments-greywacke, siltstone.		451.0 452.0 453.0	452.0 453.0	< 0.01 " " "	0.011 0.011	< 0.05 " " "	< 0.10 " " "	7.0 8.4	0.003 0.003	0.005 0.007	0.005 0.004	7 6	< 0.01 "
462.3	466.8			Grey to white-brown massive carbonate and bedded chert and calc-silicate. Trace pyrrhotite. Grading to chert.													

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DIAMOND DRILL RECORD

HOLE NUMBER : M.L. 40

LOGGED BY : A. Ross

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NWPS

INTERVAL (m)		RECOVERY		DESCRIPTION										FORM		% Sn.									
FROM	TO	m	%	MAGNETIC SUSCEPTIBILITY $\times 10^4$ cgs units										FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO ₃
Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.		
75m	1100	117m	1150	159m	<100	201m	13500	243m	<100	285m	"	327m	6600	369m	<100	44m	<100	453m	850	495m	<100	537m	<100		
	820		1200	160m	"		<100		"		"		1900	370m	"		"		750		"		"		
	1450		1000		"		"		"		"		10000		"		"		950		"		"		
	950	120m	500		"		14000		"		"	330m	230		"		1900		360		"	540m	"		
	120		<100		"		11500		"		"		300		"		420		700		"		"		
80m	100		"		"		18500		210	210m	8400		20500		"		1550		550	500m	"		"		
	<100		200		"		15200		750		120		5000		"		500		1250		"		"		
	160		<100		"		19000	250m	900		21000		12600		"		880	460m	400		"		"		
	<100		"		"		15500		1100		11600		17500		"		830		700		"		"		
	"		"		"	210m	18500		1050		12000		17500		"	420m	1080		390		"		"		
	"		"		"		18500		730		14500		21000		"		<100		<100		"		"		
	"		"	170m	"		14000		1050		150		20000	380m			180		"		"		"		
	"		"		"		17000		1500		130		14500		"		500		700		"		"		
	220	130m	"		"		14000		1750		100	340m	12100		"		<100		1600		"	550m	"		
	<100		"		"		<100		280		12500		8000		"		"		1650		"		"		
90m	760		"		"		"		250	300m	7800		12200		"		"		700	510m	"		"		
	<100		"		"		"		150		1900		12500		"		"		1700		"		"		
	"		"		"		"	260m	200		<100		12200		"		"	470m	800		"		"		
	120		"		"		"		<100		2750		12400		"		"		300		"		"		
	<100		"		"	220m	"		"		11500		11700		"	430m			1300		"		"		
	"		"		"		"		"		12400		10900		"		"		700		"		"		
	120		"	160m	3800		"		"		13000		19000	390m			"		1400		"		"		
	250		"		4800		"		"		100		15500		"		300		2200		"		"		
	300	140m	"		10000		"		"		1650	350m	11400		"		120		<100		"		"		
	250		"		8100		"		"		2700		12300		"		900		"		"		"		
100m	1450		"		8000		"		"		310m	4600	12400		"		1050		"	520m	"		"		
	1600		"		7200		"		"		430		18500		"		<100		"		"		"		
	1450		"		6000		"	270m	"		2800		11600		"		220	480m	"		"		"		
	690		"		4500		"		"		<100		20500		"		<100		"		"		"		
	850		"		3700	230m	"		"		"		12000		"	440m	"		"		"		"		
	400		"		6600		"		"		"		14000		"		"		"		"		"		
	750		"	190m	8800		"		"		"		12500	400m	"		"		"		"		"		
	<100		"		4400		"		"		"		17500		"		"		"		"		"		
	220	150m	130		9000		"		"		11850	360m	14000		"		"		"		"		"		
	100		<100		9600		"		"		2350		20500		"		990		"		"		"		
110m	1650		"		11000		"		2050	320m	12600		18500		"		<100		"	530m	"		"		
	270		"		12600		"		1200		15500		12500		450		950		"		"		"		
	440		"		12000		"	280m	100		16500		<100		<100		450	490m	"		"		"		
	220		"		11700		"		<100		17500		"		"		700		"		"		"		
	650		"		17500	240m	"		"		21000		"		"	450m	<100		"		"		"		
	970		"		10800		"		"		17000		"		"		500		"		"		"		
	1650		110	200m	14800		"		"		11500		"	460m	130		<100		"		"		"		

181115

HOLE NUMBER		Depth	Bearing	Dip	To	Q	Dip	Dip	Dist
PURPOSE	To test sequence between D.D.H 37 & D.D.H. 38				0-2	2	1.43	2390.1	1.40
LOCATION	MT. LINDSAY EL 2/63	0	40	-45½	2-16	14	10.16	2378.5	11.04
COLLAR R.L.	2390.1	4	-	-46½	16-63	47	34.65	2343.9	42.79
CO-ORDINATES	31551.6N 11360.7E	36	-	-47½	63-140	77	55.39	2288.5	96.28
LENGTH	392m	90	41	-46	140-214	74	52.33	2236.1	148.61
HOLE SIZE	0-29 NQ 29-392 BQ	190	-	-45	214-263	49	34.34	2201.8	183.56
COMMENCED	26/11/76	238	-	-44½	263-313	50	35.05	2166.8	219.22
COMPLETED	20/1/77	288	-	-44½	313-364	51	35.11	2131.6	256.21
SIGNIFICANT CORE LOSS ZONES		339	-	-43½	364-392	28	19.10	2112.5	276.69
ORE ZONE GROUND CONDITIONS		390	-	-43					
LOGGED BY	A. ROSS.	Bearings affected by magnetite.							
COMMENTS	Intersected magnetite skarn, completely replacing No. 2. Anomaly horizon, from 270.5 to 326. Main lode - missing should be ~ 100m.								

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SUMMARY - ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m.)	AVERAGE WEIGHTED ASSAYS						
				Sn.	Cu.	As.	S.	WO ₃	TOTAL Fe	Sol Sn
No. 2. ANOMALY SKARN HORIZON	270.5	326	55.5 (44 hrs)	0.17	<0.1	<0.1		<0.01	35	0.041
including	291	298	7	0.36	<0.1	<0.1		<0.01	36	0.020

SUMMARY METALLURGICAL DATA COMPOSITE SAMPLE

LODE NAME	FROM	TO	Sn.	Cu.	As.	S	Ca F ₂	Ag.	Bi	Sn - Rec.	Cu - Rec.	Carb.	Silic.	S.G.

181116

HOLE No. : ML 41

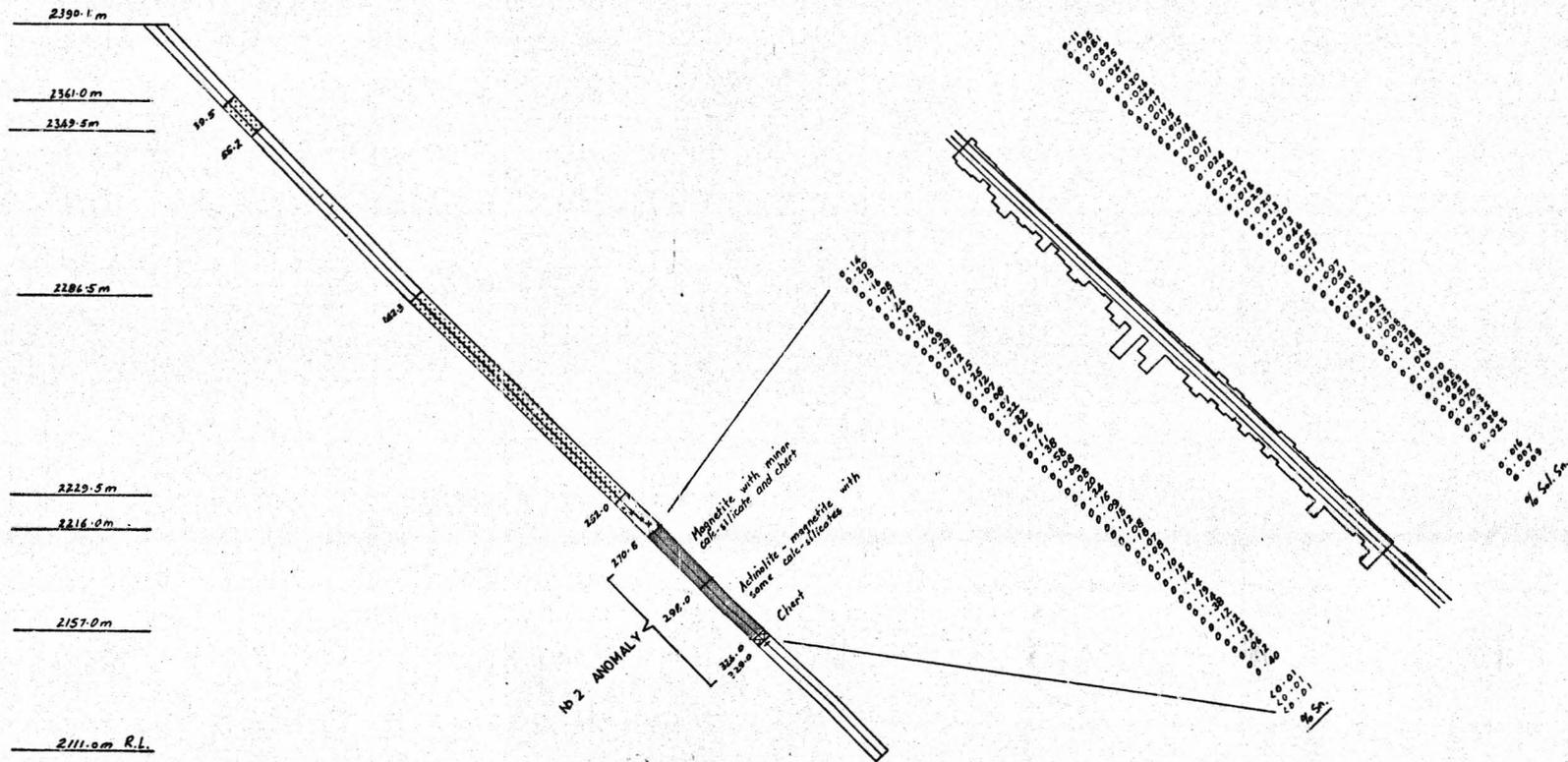
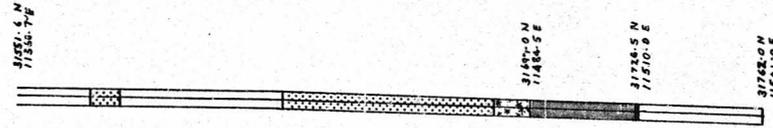
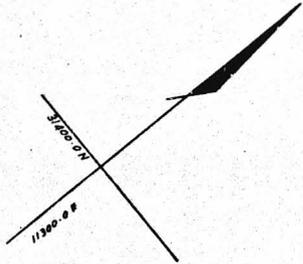
SCALE :  Metres

DIAMOND DRILL HOLE PLOT

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PLAN

NWS



181117

INTERVAL (m)		RECOVERY		DESCRIPTION	FORM.	% Sn.				% Fe				g/t Ag	% WO ₃
FROM	TO	m	%			FROM	TO	TOTAL	As	STAN.	% Cu.	% As.	% S.		
0	9	6		Clays and weathered rock. Very low recovery. Mainly medium grained feldspathic greywacke.		270.5	271	0.14	0.11	<0.05	<0.10	34.3			<0.01
						271		0.20	0.095	"	"	38.7			"
						272		0.19	0.081	"	"	35.7			"
9	13.8	5		Fresh rock with minor weathered zones. Medium to fine grained dark grey hornfelsed greywacke and siltstone.		273		0.16	0.059	"	"	37.5			"
				Well bedded BCA 50°. Nonmagnetic. Fragments coarser grained at approx 12m.		274		0.08	0.025	"	"	27.5			"
						275		0.17	0.026	"	"	40.1			"
						276		0.26	0.037	"	"	30.7			"
13.8	22.5	2		Very low recovery. Brown clay and minor fragments of light grey-blue siltstone. Possibly weathered carbonate horizon.	ma Labi massive	277		0.30	0.030	"	"	37.0			"
						278		0.15	0.026	"	"	49.9			"
						279		0.20	0.024	"	"	40.7			"
						280		0.16	0.017	"	"	30.5			"
						281		0.09	0.017	"	"	43.1			"
22.5	36.0	7		Very broken zone. Fresh core. Very poor recovery. Hornfelsed dark massive siltstones and medium grained greywacke (coarse sugary texture). Nonmagnetic.		282		0.29	0.015	"	"	42.0			"
						283		0.05	0.015	"	"	56.8			"
						284		0.12	0.018	"	"	55.4			"
						285		0.15	0.018	"	"	42.9			"
36.0	142.3			Predominantly fine grained hornfelsed siltstone with lesser greywacke horizons than interval above. Mainly massive.		286		0.25	0.015	"	"	29.2			"
				Moderately magnetic from 39.5 to 55.2m. Otherwise nonmagnetic. Minor zones of actinolite alteration, quartz veining are very rare to non existent. Possible BCA 50°. Core broken to 60m.		287		0.12	0.011	"	"	34.8			"
						288		0.07	0.024	"	"	52.6			"
						289		0.08	0.024	"	"	56.8			"
						290		0.07	0.027	"	"	50.5			"
						291		0.22	0.027	"	"	45.9			"
				Minor actinolite alteration-quartz veining from 103 to 111m.		292		0.32	0.018	"	"	39.0			"
				Brecciated actinolite rich zone from 122 to 123.5m.		293		0.16	0.029	"	"	26.8			"
				Greywacke content greater from 112 to 142m. Minor actinolite alteration throughout.		294		0.76	0.020	"	"	38.7			"
						295		0.11	0.013	"	"	41.3		0.007	"
						296		0.38	0.020	"	"	29.5		0.006	"
142.3	252.0			Weak to strongly magnetic unit. Dark fine grained hornfelsed siltstone and minor greywacke. Predominantly massive. BCAs 30-45°. Rhodocrosite veining 151-151.5m. Core very broken 163 to 168m. Spotting common from 163 to 175m, 185 to 198m.		297		0.58	0.013	"	"	30.6		0.007	0.01
				Altered zone with actinolite veining and shearing from 207 to 207.6m. Qtz veinlet at 208.5m.		298		0.08	0.046	0.08	"	26.8		0.012	<0.01
				Very broken zones from 212 to 215m, 220 to 220.5m, 229-233m, 238 to 243m. Quartz vein at 233m.		299		0.09	0.055	0.07	"	19.6		0.011	"
				BCA 30° at 223m.		300		0.08	0.053	0.07	"	22.3		0.007	0.01
						301		0.20	0.11	0.06	"	21.1		0.008	<0.01
						302		0.24	0.17	0.14	"	32.4		0.005	"
						303		0.15	0.097	0.13	"	34.2		0.007	"
						304		0.09	0.051	0.06	"	24.8		0.008	"
						305		0.15	0.093	0.13	"	31.5		0.006	"
						306		0.12	0.073	0.16	"	30.3		0.025	"
						307		0.08	0.044	0.08	"	17.7		0.009	"
252	270.5			Light brown to green-white, mottled altered siltstones and cherts. Bedding well developed in places but locally brecciated and microfaulted with actinolite present.		308		0.18	0.044	0.21	"	32.3		0.006	"
				Nonmagnetic. Minor calcite veins. BCA av 45°. Minor zones of mud pellets in siltstone. Irregularly veined and brecciated throughout.		309		0.07	0.023	0.06	"	9.9		0.007	"
						310		0.08	0.037	0.19	"	31.9		0.006	"
						311		0.17	0.098	0.28	"	38.6		0.006	"
						312		0.10	0.093	0.07	"	19.3		0.007	"
						313		0.15	0.078	0.20	"	28.4		0.011	"
						314		0.14	0.076	0.10	"	42.5		0.009	"
270.5	326			SKARN HORIZON. Magnetite-actinolite rock. BCA's range from 85° to 45°. Minor pyrrhotite, altered banded chert, late stage carbonate (siderite) veinlets. Trace quartz and flourite. Trace arsenopyrite. Less magnetite from 298 to 310m. This zone is weakly mineralised chert. From 310 to 326, magnetite-sulphide-actinolite rock. More sulphides, pyrrhotite and trace chalcopyrite. Gangue is tremolite rich. Minor diopside? (Similar to Pine Hill S374).		315		0.14	0.063	0.07	"	32.6		0.005	"
						316		0.19	0.10	0.08	"	26.3		0.006	"
						317		0.14	0.070	0.09	"	39.9		0.008	"
						318		0.38	0.048	0.06	"	43.2		0.009	"
						319		0.12	0.055	0.05	"	18.3		0.007	0.09
						320		0.12	0.053	0.09	"	24.1		0.007	<0.01
						321		0.13	0.070	0.06	"	31.0			"
						322		0.12	0.043	0.07	"	35.9			"
						323		0.06	0.025	0.18	"	43.8			0.07
						324	325	0.12	0.076	0.12	"	34.0			<0.01

309.0m

METASOMATISED FINE TUFF; 312.7m BANNED METASOMATIC ROCK; 315.9m PHLOGOPITE-AMPHIBOLE ROCK; 328.7m METASOMATISED CHERT.

272.6m METASOMATIC ROCK; 279.1m METASOMATIC ROCK;

281.4m MAGNETITE-SIDERITE ROCK; 294.0m PHLOGOPITE ROCK; 297.6m CLASSIFIED SKARN; 300.0m SKARN;

DIAMOND DRILL RECORD

H UMBE L 41

LOGGED BY : A. ROSS. 117

NWPS

INTERVAL (m)	RECOVERY		DESCRIPTION	FORM.	% Sn.											
	FROM	TO			m	%	FROM	TO	TOTAL	As STAN.	% Cu.	% As.	% Fe.	% Pb.	% Zn.	% Bi.
326	336				325	326	0.40	0.023	0.80	0.55						
			Fine grained altered sediments. Brown to grey siltstones and		326	327.5	Core already split.									
			minor greywacke. Predominantly massive. BCAs 45-60°.		327.5	328.5	<0.01	0.016	<0.05	<0.10	9.2	0.002	0.007	0.001	5	<0.01
			Slight mottling and veining by actinolite, trace sulphide.		328.5	329.5	"	0.007	"	"	7.8	0.004	0.029	0.003	2	"
			Several large fragments in siltstone-subangular with		329.5	330.5	"	0.009	"	"	7.3	0.003	0.012	0.001	2	"
			trace sulphide. Non magnetic.													
336	392															
			Non magnetic greywackes and siltstones with very minor													
			amount actinolite veins. Minor spotting of sediments.													
			BCAs 45-60°.													
			Granite vein 353.0 to 353.2m Chilled margin (2mm). Grey-													
			wacke is major component of this unit with minor bedded													
			siltstone.													
			END OF HOLE 392m.													

181119

DIAGNOSTIC CORE RECORD

HOLE NUMBER #1.

LOGGED BY: A Ross.

NWPS

118

INTERVAL (m)		RECOVERY		DESCRIPTION										FORM.		% Sn.									
FROM	TO	m	%	MAGNETIC SUSCEPTIBILITY $\times 10^4$ cgs units										FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO ₃
Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.										
38 m	<100	80 m	<100	122 m	<100	164 m	18000	206 m	16000		13500	240 m		332 m	250	374 m	940								
	400		150		"		13500		<100		4000				280		1000								
40 m	3200		<100		"		4300		"	250 m	12500				330		2300								
	1000		"		"		750		"		9000				190		150								
	9000		"		"		6800	210 m	"		650				<100		<100								
	2500		"		"		12500		"		<100				"		"								
	10000		"		"	170 m	14000		"		"				"	380 m	"								
	<100		"		"		8000		5200		"				"		"								
	"		"	130 m	"		14000		9500		"				"		"								
	"		"		"		17200		18500		"				"		"								
	"	90 m	"		"		1300		10500		"	300 m			"		"								
	"		"		"		4200		550		"				"		"								
50 m	"		"		"		<100		10000	260 m	"				"		"								
	"		"		"		12500		12500		110				"		210								
	"		"		"		11000	230 m	16000		<100				"		9800								
	"		"		120		200		8400		"				"		<100								
	"		100		<100	180 m	<100		<100		"				"	390 m	9000								
	"		120		"		14500		650		"				"		6600								
	"		<100	140 m	200		15000		<100		"				"	350 m	<100								
	"		"		2000		350		"		"				"		"								
	"	100 m	"		200		10200		12000		"	310 m			"		"								
	"		"		16000		9100		18000		"				"		"								
60 m	"		"		18000		8000	8000	8000	270 m	250				"		"								
	"		"		14000		10000		10500		"				"		"								
	"		"		7500		15000	230 m	10500		"				"		"								
	250		"		18500		2400		15000		"				"		"								
	<100		"		20000	190 m	<100		11000		"				"		"								
	"		"		10500		"		700		"				"		"								
	"		"	150 m	13500		280		100		"				"	360 m	"								
	"		"		16000		550		<100		"				"		"								
	"	110 m	"		14000		15000		9000		"	320 m			"		"								
	"		"		12500		1100		13000		"				"		"								
70 m	"		"		12500		18500		<100	260 m	"				"		"								
	"		"		4200		20000		4100		"				"		"								
	"		"		<100		13500	240 m	10500		"				"		"								
	"		"		10500		14000		9500		"				"		"								
	"		"		17200	300 m	21000		7800		"				"		"								
	"		150		20000		20000		13500		"				"		"								
	"		<100	160 m	14000		21000		12500		"				"		"								
	"		"		20000		13500		8700		"				"		"								
	"		"		20000		18800		<100		"	330 m			"		"								
	"	130 m	"		20000		14500		9300		"				"		"								

SKAND - TOO MUCH MAGNETITE

SKAND - TOO MUCH MAGNETITE

181120

PURPOSE	To test sequence along strike from D.D.H. 28	From - Distance								
		Dr	Bear	Dip	To	D	Sn Dip	R.L.	on Dip	Total
		0	039½	-44½	0-47	47	32.94	2269.9	33.52	33.5
		94		-46½	47-118	71	51.50	2218.4	48.87	82.4
LOCATION	MT. LINDSAY EL. 2/63	142		-44½	118-169	51	35.75	2182.6	36.38	118.8
		196		-32	169-213	44	27.65	2154.9	34.19	153.0
COLLAR R.L.	2302.8m	250		-36	213-274	61	35.85	2119.1	49.35	202.3
		298		-35	274-325	51	29.25	2089.8	41.78	244.1
CO-ORDINATES	30912.6 N 11649.0 E	352		-34½	325-379	54	30.59	2059.2	44.50	288.6
		406	035	-34	379-423	44	24.60	2034.6	36.48	325.1
LENGTH	460m	460		-33½	423-460	37	20.42	2014.2	30.85	355.9
HOLE SIZE	0-69 NQ 69-460BQ	Bearings affected by magnetite								
COMMENCED	23-1-77									
COMPLETED	15-2-77									
SIGNIFICANT CORE LOSS ZONES										
ORE ZONE GROUND CONDITIONS										
LOGGED BY	A. ROSS									
COMMENTS	Intersected major barren carbonate rich horizon from 348 to 402m. Similar sequence to D.D.H. 40. Other barren carbonate chert horizons intersected.									

SUMMARY - ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m.)	AVERAGE WEIGHTED ASSAYS				
				Sn.	Cu.	As.	S.	
NO. 2. ANOMALY CARBONATE HORIZON	348	402	50 (true)	<0.1				
				(IN CORE ANALYSES)				
CARBONATE HORIZON	68	94	26 (true)	<0.1	No 1 Analyzed			
CARBONATE HORIZON	193	202	11 (true)	<0.1	MAIN LODE			

SUMMARY METALLURGICAL DATA COMPOSITE SAMPLE

LODE NAME	FROM	TO	Sn.	Cu.	As.	S	Ca F ₂	Ag.	Bi	Sn - Rec.	Cu - Rec.	Carb.	Silic.	S.G.

119

181124

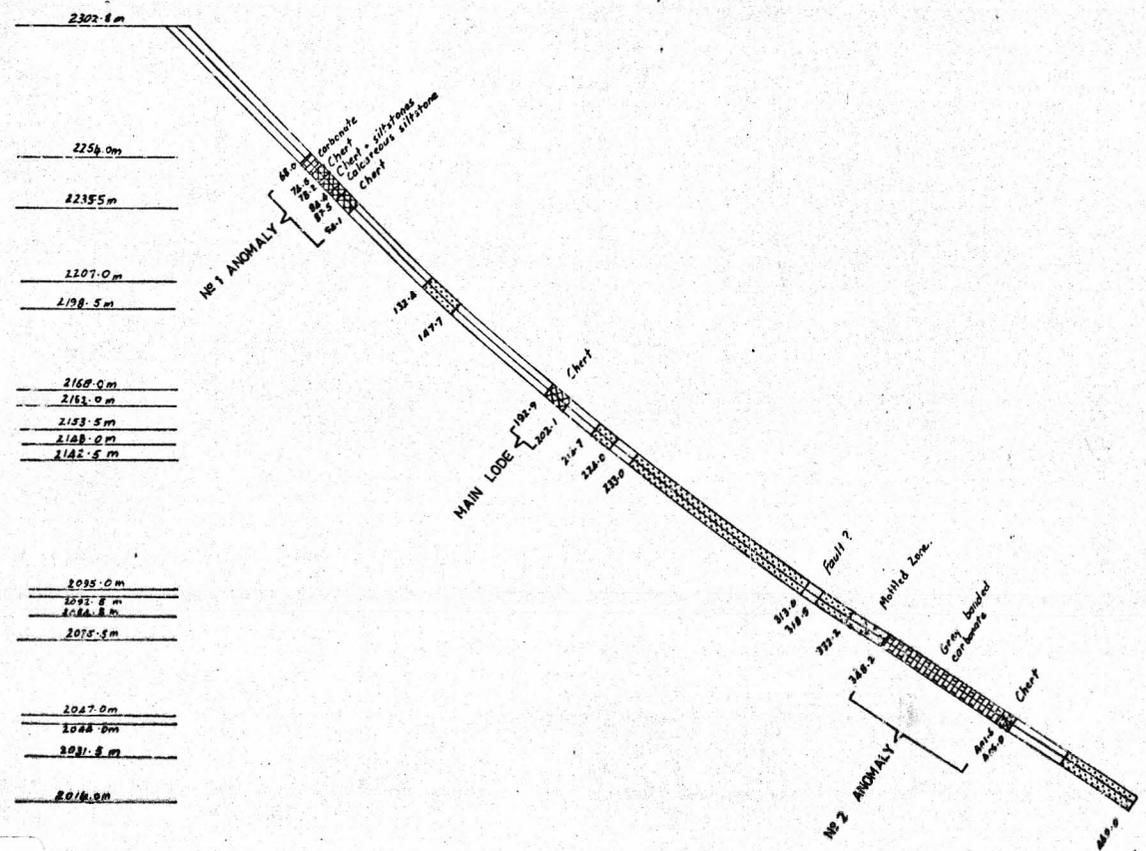
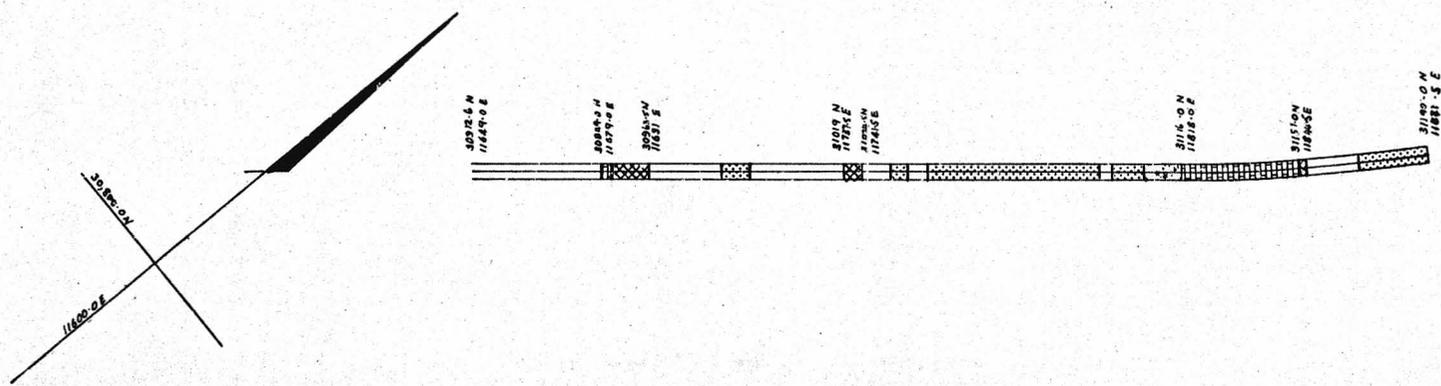
HOLE No.: ML 42

SCALE:  Metres

RENISON LIMITED DIAMOND DRILL HOLE LOG

120

PLAN



- 2302.4 m
- 2254.0 m
- 2235.5 m
- 2207.0 m
- 2198.5 m
- 2168.0 m
- 2152.0 m
- 2133.5 m
- 2128.0 m
- 2122.5 m
- 2095.0 m
- 2092.8 m
- 2082.8 m
- 2075.5 m
- 2047.0 m
- 2044.8 m
- 2031.5 m
- 2016.0 m

5 cm

DIP PROFILE

181122

INTERVAL (m)		RECOVERY		DESCRIPTION	FORM	% Sn.											
FROM	TO	m	%			FROM	TO	TOTAL	As STAN.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag.	g/t WCs
0	54	12		Weathered rock and clays. Very broken-low recovery. Massive tuff sandstones. Grey to brown. Medium to coarse grained fragments.													
54	58			Fresh. brown-grey massive coarse greywacke.													
58	68			Grey to light green, well bedded chert. Minor alteration and fracturing. Trace pyrrhotite. BCA's 40°.													
68	74.5			Grey to light grey and cream massive to well bedded carbonate and minor chert. Trace pyrrhotite. BCA'S 40°. Secondary carbonate veinlets. Alteration, veining, fracturing common. Core not broken.	No 1 CARBONATE												
74.5	78.2			Grades into well bedded chert and black siltstone. Minor carbonate veinlets, otherwise non-calcareous. Minor bedded pyrrhotite in black siltstone.													
78.2	84.4			Grey to black slightly slumped or contorted siltstones with minor carbonate veins. Trace pyrrhotite in cross cutting veinlets. BCA's 50°.													
84.4	87.5			Black calcareous siltstone. Well bedded BCA's 60°. Trace pyrrhotite disseminated throughout. Calcite veinlets and veins. Several slumped layers.													
87.5	94.1			Grey to cream bleached well bedded cherts and altered siltstones. Variably contorted and microfaulted bedding. Rare carbonate veinlets. Trace pyrrhotite. BCA's reach 40° at 92m. Then after 92m, very brecciated, silicified chert with actinolite alteration (highly fractured).													
94.1	108.5			Dark grey to brown massive non-magnetic tuff siltstone (50%) and one metre zones of green to cream mottled brecciated chert zones (50%). Chert zones are extremely brecciated and bedding is slumped. Trace pyrrhotite, actinolite, quartz.													
108.5	116.2			Non magnetic black to dark grey massive to thick bedded tuff siltstone. Hornfelsed. Very minor altered chert zones displaying minor brecciation with trace pyrrhotite. Few alteration veinlets. BCA 45°.													
116.2	120.5	1		Highly broken zone with core loss. Fault? 116.2-11.2 only 1 metre. Grey siltstone with green alteration.													
120.5	122.3			Light brown siltstone with minor brecciated chert plus alteration (actinolite veining).													
122.3	125.0			Grey to cream-green carbonate and brecciated chert. Trace pyrrhotite. Carbonate veining. Core broken from 124.2 to 125m. Bedding variable.													
125.0	129.0			Dark grey hornfelsed massive siltstone. Core very broken. Trace carbonate veining Non magnetic.													

INTERVAL (m)		RECOVERY		DESCRIPTION	FORM.	% Sn.											
FROM	TO	m	%			FROM	TO	TOTAL	As	STAN	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag.
129.0	131.3			Core less broken. Horn-felsed massive siltstone with minor green actinolite alteration. Non magnetic.													
131.3	147.7			Core very broken and moderatley magnetic from 132.4 to 147.7m. Dark grey hornfelsed massive siltstone. Minor rhodocrosite? (red) veining at 136m, 140.4m. Minor actinolite alteration.													
147.7	189.9			Non magnetic dark grey hornfelsed massive siltstone. Core not broken. BCA's av 60° in minor bedded siltstone layers. Very minor actinolite alteration. Brecciated chert from 163.4 to 164.0m. BCAs 45° at 165m grading to 40° at 188m. Alteration and veining increasing from 160m. Broken carbonate veins, brecciation and calcite filled voids from 178.6 to 179.2m (similar to hole 44). [Petrological Sample: 149.2m METASOMATISED TUFF.]													
189.9	190.6			Bleached light green to brown well bedded chert with trace pyrrhotite. Slightly brecciated. Altered tuff siltstone.													
190.6	192.9			Dark grey to black massive siltstone. Non magnetic.													
192.9	202.1			Light brown to cream-grey well bedded chert. Partly brecciated with trace pyrrhotite in veinlets. Slightly contorted. BCA's av 60°. Includes altered tuff. Bleached mottled green, brown, grey at base of interval.	MAIN LODE												
202.1	216.7			Dark grey to black massive to thick bedded siltstone and tuffaceous greywacke. Non magnetic. Rare altered or brecciated zones with traces pyrrhotite.													
216.7	224			Slightly to moderately magnetic siltstone and greywacke. Bedded. Broken core with minor carbonate veinlets from 216.7 to 219.8m. Broken from 221-224m.													
224	233			Non magnetic unbroken dark grey to black siltstones and greywacke. Thick bedded. BCA 60°.													
233	313			Moderately to strongly magnetic dark grey siltstones and greywacke. BCA's approach 80° at 225m and are 90° by 260m. Well bedded zones of dark grey siltstone and thicker layers of greywacke. Minor actinolite-chlorite alteration in veinlets. Otherwise monotonously featureless. Minor slumped zones and layers of mud pellets in coarser fractions (especially at 272m). BCA's 80 to 90° from 275 to 313m. Minor rhodocrosite veinlets at 280.9m. [Petrological Sample: 264.3m METASOMATISED TUFF.]													
313	318.5			Zone of broken core with strong actinolite veinlets throughout and minor rhodocrosite veinlets. Zone of brecciated chert from 316.2 to 316.8m, with minor quartz on joints. Possible fault? although BCA's are unaltered. Nonmagnetic.													
318.5	332.3			Magnetic siltstone and greywacke. BCA's 80-90°.													

DIAMOND DRILL RECORD

HI JMBEI 42

123

LOGGED BY : A. ROSS.

NWPS

INTERVAL (m)		RECOVERY		DESCRIPTION	FORM	% Sn.													
		FROM	TO			m	%	FROM	TO	TOTAL	As	STAN.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag.
				Slumping and deformed bedding common from 325m. From 330.5m bedding is slumped with BCA's approx. 75-80°.															
332.3	348.2			Mottled rock. Green-brown alteration and minor well bedded chert. Nonmagnetic. Noncalcareous. Altered siltstone and greywacke prior to carbonate. BCA's 70°. Well bedded towards base of interval. Bleached mottled colours: Minor microfracturing and brecciation. Rare veins of pyrrhotite at 341m. Well laminated chert and black siltstone common at base (from 347 to 348.2m). [Petrological Sample: 345.0m METASOMATISED TUFF.]															
348.2	401.6			Grey to light grey and cream well bedded carbonate and chert. BCA's av 70°. Mainly carbonate with minor chert to 394m. Secondary calcite veins. Rare stylonites. Trace sulphide in places but otherwise barren. From 394m to 401.6m, mainly chert with minor carbonate. Well laminated. BCA's 70° with minor black graphite? siltstone and trace pyrrhotite. Sulphide veinlets common. [Petrological Samples: 346.5m. LIMESTONE/TUFF; METASOMATISED TUFF/LIMESTONE BRECCIA; 388.3m TREMOLITE MARBLE/TUFF.]															
401.6	406			Dark brown to grey altered siltstone and greywacke chert. Mottled colours. Curious angular fragments from 403.2 to 404m.															
406	411			Grey siltstones and greywackes with slumping similar to 325 to 330 interval. Minor actinolite alteration: Non-magnetic.															
411	429			Non magnetic dark grey siltstone with greywacke. Thick bedded. BCA's 70-80°. Little alteration.															
429	460			Grades into strongly magnetic dark grey siltstone and greywacke. BCA's 70-80°. Rare alteration. Small broken zone at 458m. Minor quartz actinolite veinlets in last 2m of core.															
				END OF HOLE 460m.															

181125

NWPS

INTERVAL (m)	RECOVERY		DESCRIPTION	FORM	% Sn.											
	FROM	TO			m	%	FROM	TO	TOTAL	As STAN.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.
Sample details				Rock type - composition	Fabric	Minor Minerals				Comments						
DDH ML 42																
149.4m			Metasomatized Tuff. Framework of lithic, volcanic material, plagioclase, quartz, chert, grains; interstitial actinolite, chlorite, magnetite (very fine).	Bedded, with alignment of grains. Splintery to subangular shapes.	Calcite, actinolite veinlets cut rock.	Some magnetite probably detrital but most is introduced. Dominantly andesitic source with minor, more acid material.										
264.3m			Metasomatized Tuff. Similar to 149.4m; quartz, plagioclase, lithic grains, chloritised material. Tabular fragments of fine, dark tuff.	Finer tuff is finely laminated. Intraformational brecciation. Graded.	Shards and grains of devitrified glass.	Magnetite probably introduced; fragments of finer rock contain more magnetite, due to preferential deposition. Puzzling.										
345.0m			Metasomatized Tuff. Framework of altered lithic, plagioclase, augite grains, lava & devitrified glass fragments. Fine actinolite & phlogopite developed throughout.	Bedded fabric, sorting moderate to poor.	Veins of actinolite with pyrrhotite.	Tuff has more basic composition, probably andesitic-basaltic. May be subaerial deposit.										
366.5m			Crystalline Limestone/Tuff. Interlocking calcite crystals, coarser patches. Tuff bands - metasomatized with actinolite, pyrrhotite.	Faint preferred orientation in calcareous rock - recrystallised.	Stylolitic carbonaceous veins in limestone.	Limestone is recrystallised but hardly affected by metasomatism of tuff. Highly selective. cp. ML40:420.6m 427.8m										
373.0m			Metasomatized Tuff/Limestone Breccia. Intraformational, soft-sediment brecciation of altered andesitic tuff (actinolitised) and crystalline limestone.	Plastic deformation, partial mixing of two rock types.	Pyrrhotite grains and veinlets throughout.	Selective actinolitic metasomatism of tuff. Similar to ML 40; 436.5m etc. with postdepositional disturbance.										
388.3m			Tremolite Marble/Tuff. Recrystallised limestone with random tremolite needles, merging into fine tuff. Pyrrhotite throughout.	Well-bedded fine tuff, thin parallel tuff streaks in marble.	Ultrafine carbonaceous matter in marble. Calcite veins.	Marble becomes progressively more tuffaceous, merging into fine trachytic tuff. Marble = mildly metasomatized limestone.										

181126

DIAMOND DRILL RECORD

HOLE NUMBER : M.L. 42

LOGGED BY : A. Ross. 1

125

NWPS

INTERVAL (m)		RECOVERY		DESCRIPTION										FORM.		% Sn.													
FROM	TO	m	%	MAGNETIC SUSCEPTIBILITY $\times 10^{-6}$ S.G.S. units										FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO ₃				
Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.								
65m	450	107m	<100	147m	12300	191m	<100	233m	1750	275m	14000	317m	<100	359m	150	401m	300	443m	6800										
	300		"	150m	140		"		8000		17500		"	360m	100		480		10700										
	210		"		120		650		7400		19500		"		280		850		15000										
	140	110m	"		1100		850		<100		19500	320m	9000		210		620		11000										
	1200		"		<100		1250		13000		20000		10000		<100		340		11200										
70m	900		"		4000		600		920	280m	19000		11000		750		420		10900										
	400		"		4000		1060		<100		15000		11400		450		<100		12100										
	750		"		1120		100	240m	12100		15000		12500		<100		120	450m	12200										
	530		"		<100		120		16000		15000		20000		"		160		15500										
	1850		"		"	200m	340		9600		21000		18000		430	410m	<100		10300										
	1400		"		"		100		<100		11600		17500		580		"		9900										
	850		<100	160m	"		1300		"		20000		12500	370m	540		"		<100										
	1050		"		"		<100		"		18000		12500		350		"		12300										
	720	120m	<100		"		"		"		4200	310m	16000		300		"		5300										
	920		"		"		"		"		19000		8600		1050		"		2200										
80m	1100		"		"		"		5700	290m	18000		1100		800		"		4600										
	1290		220		"		"		4500		19500		140		150		"		8600										
	1000		400		"		"	250m	15000		12000		430		150		"	460m	2200										
	1800		<100		"		"		19000		17500		120		300		"												
	800		"		"	210m	"		14000		25000		350		900	420m	"												
	550		"		"		"		10000		17500		<100		400		"												
	180		"	170m	"		"		19000		27000		"	380m	650		"												
	620		"		"		"		14000		12300		"		300		"												
	1160	130m	"		"		"		21000		12400	340m	"		150		"												
	2450		"		"		"		20000		11000		"		200		"	330											
90m	570		"		"		"		20000	300m	11100		210		450		"	<100											
	600		620		"		"		22000		17500		140		400		"												
	830		960		"		220	260m	21000		11200		420		200		"												
	1050		10100		"		4100		26500		11500		500		160		"	4800											
	<100		<100		"	220m	17000		22000		17500		650		130	450m	9000												
	"		12100		"		16000		22000		17500		300		690		"	9000											
	"		11000	180m			200		17500		16000		980	390m	150		"	6000											
	"		9000		"		10000		22000		6400		320		160		"	2500											
	180	190m	<100		"		1150		18000		16000	350m	<100		380		"	12300											
	120		140		"		<100		1650		16000		710		620		"	12200											
100m	<100		540		"		200		10400	310m	23000		130		300		"	10300											
	"		120		"		<100		14000		17500		<100		720		"	11800											
	"		10000		"		"	270m	12500		12500		320		1000		"	12200											
	"		8700		"		"		5700		7200		1200		1350		"	7800											
	"		10000		"	230m	"		9400		<100		320		1100	490m	4400												
	"		2700		"		"		13500		"		140		480		"	2900											
	"		2000	140m	"		"		12200		130		330	400m	400		"	4000											

181127

HOLE NUMBER	40 3	D	Bear	Dip	From - Distance		Sin Di	R.L.	Cos Di	Total
					To	D				
PURPOSE	To test Main Lode at old Mt. Lindsay Mine workings.	0	030	-61½	0-40	40	35.2	2444.4 2409.2	18.9	18.9
		83	027½	-61	40-108	68	59.5	2349.7	33.0	51.9
LOCATION	MT. LINDSAY EL 2/63	130	023	-58½	108-152	44	37.4	2312.3	23.2	75.1
		195	009	-52	152-226	74	58.3	2254.0	45.6	120.7
COLLAR R.L.	2444.4	257	012	-50½	226-257	31	24.0	2200.0	19.6	140.3
CO-ORDINATES	31967.7 N 10849.5 E									
LENGTH	257m									
HOLE SIZE	0-15 NQ 15-257 BQ									
COMMENCED	17-2-77									
COMPLETED	2-3-77									
SIGNIFICANT CORE LOSS ZONES										
ORE ZONE GROUND CONDITIONS										
LOGGED BY	A. ROSS.									
COMMENTS	Failed to intersect mineralisation. Chert horizon with trace pyrrhotite intersected from 15 to 52m. (No. 1 Anomaly R.S).									

SUMMARY - ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m.)	AVERAGE WEIGHTED ASSAYS				
				Sn.	Cu.	As.	S.	

SUMMARY METALLURGICAL DATA COMPOSITE SAMPLE

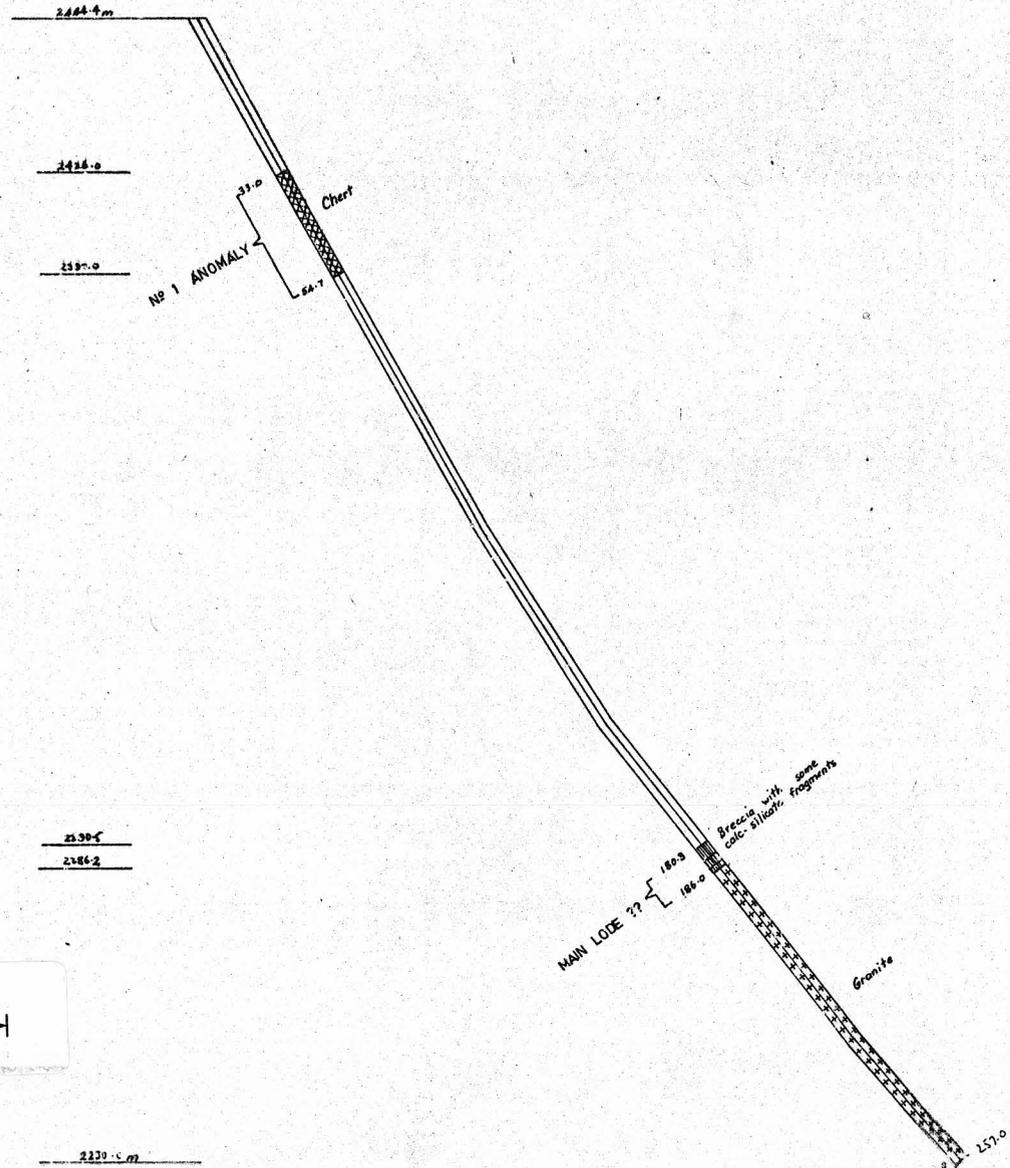
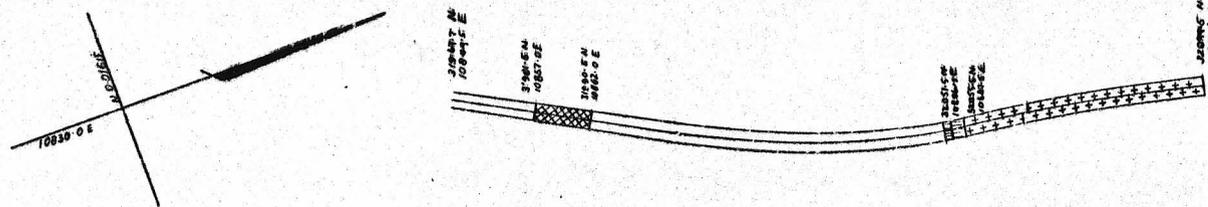
LODE NAME	FROM	TO	Sn.	Cu.	As.	S	Ca F ₂	Ag.	Bi	Sn - Rec.	Cu - Rec.	Carb.	Silic.	S.G.

181128

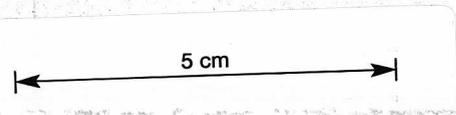
SCALE 0 10 20 40
Metres

H O. : 43

PLAN



2330.5
2386.2



DIP PROFILE

181129

DIAGRAM OF REEF

U.M.B.I. S.L. 41
 LOGGED BY: A. Ross.

43
 128

NWPS

INTERVAL (m)		RECOVERY		DESCRIPTION										FORM.	% Sn.											
FROM	TO	m	%	MAGNETIC SUSCEPTIBILITY $\times 10^{-6}$ c.g.s. units.											FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO ₃
Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)																						
11m	<100	58m	1150	95m	<100	137m	160	179m	"																	
"	"	"	500	"	"	"	<100	180m	"																	
"	"	"	1950	"	"	"	"	"	"																	
"	"	"	400	"	"	140m	"	"	"																	
"	"	"	300	"	"	"	"	"	"																	
"	340	"	230	100m	"	"	"	"	"																	
"	<100	"	130	"	"	"	"	"	"																	
"	"	60m	150	"	"	"	"	beds	"																	
"	140	"	100	"	"	"	"	granite	"																	
20m	<100	"	150	"	"	"	"	"	"																	
"	330	"	<100	"	"	"	"	"	"																	
"	110	"	"	"	"	"	300	190m	"																	
"	160	"	"	"	"	"	11300	"	"																	
"	250	"	"	"	"	150m	4750	"	"																	
"	200	"	"	"	"	"	12500	"	"																	
"	100	"	"	110m	"	"	11000	"	"																	
"	140	"	"	"	"	"	12600	"	"																	
"	280	70m	"	"	"	"	12100	"	"																	
"	150	"	"	"	"	"	2000	"	"																	
30m	350	"	"	"	"	"	9500	"	"																	
"	280	"	"	"	"	"	10600	"	"																	
"	350	"	"	"	"	"	11100	200m	<100																	
"	1400	"	"	"	"	"	6600	"	"																	
"	<100	"	"	"	"	160m	11500	"	"																	
"	150	"	"	"	"	"	12700	"	"																	
"	230	"	"	120m	"	"	13500	"	"																	
"	300	"	"	"	"	"	8100	"	"																	
"	300	80m	"	"	"	"	7000	"	"																	
"	900	"	"	"	"	"	10500	"	"																	
40m	1000	"	"	"	"	"	10650	"	"																	
"	1200	"	550	"	"	"	740	"	"																	
"	850	"	110	"	"	"	10250	210m	"																	
"	400	"	<100	"	"	"	7100	"	"																	
"	1650	"	"	"	"	170m	300	"	"																	
"	1750	"	"	"	"	"	4700	"	"																	
"	1150	"	"	130m	"	"	1550	"	"																	
"	500	"	"	"	"	"	1350	"	"																	
"	950	90m	"	"	"	"	1650	"	"																	
"	500	"	"	"	"	"	200	"	"																	
50m	<100	"	"	"	"	"	<100	"	"																	
"	1150	"	"	"	"	"	"	"	"																	
"	2050	"	"	"	"	"	"	210m	"																	

181130

HOLE NUMBER		Depth	Bearing	Dip	To	D	D. Str Dip	R.L.	D. Cos Dip	Prog. Total
PURPOSE	To test sequence above D.D.H. 38.	0	039°3	-49½	0-50	50	38.0	2322.2	32.5	32.5
		100		-49½	50-126	76	57.6	2228.6	49.6	82.1
LOCATION	MT. LINDSAY EL 2/63	153		-47½	126-176	50	36.7	2191.9	33.9	116.0
		202	040	-45½	176-226	50	35.8	2156.1	34.9	150.9
COLLAR R.L.	2322.2	251		-44½	226-276	50	34.9	2121.2	35.8	186.7
		300		-43½	276-326	50	34.6	2086.6	36.1	222.8
CO-ORDINATES	31429.3 N 11539.2 E	349.4		-42½	326-349	23	15.5	2071.1	17.0	239.8
LENGTH	349.4m	Bearings affected by magnetite								
HOLE SIZE	0-88 NQ 88-349.4 BQ									
COMMENCED	18-2-77									
COMPLETED	8-3-77									
SIGNIFICANT CORE LOSS ZONES										
ORE ZONE GROUND CONDITIONS										
LOGGED BY	A. ROSS.									
COMMENTS	Intersected barren carbonate from 43 to 122m; correlated with major barren carbonate horizons previously intersected in D.D.H's 38,40,42.									

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SUMMARY - ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m.)	AVERAGE WEIGHTED ASSAYS						
				Sn.	Cu.	As.	S.			
NB. 2. ABNORMAL CARBONATE HORIZON	43	122	51 (true)	<0.1						
				(TIN CORE ANALYSER)						

SUMMARY METALLURGICAL DATA COMPOSITE SAMPLE

LODE NAME	FROM	TO	Sn.	Cu.	As.	S	Ca F ₂	Ag.	Bi	St - Rec.	Cu - Rec.	Carb.	Silic.	S.G.

181131

DIAMOND DRILL RECORD

 HOLE NUMBER : **ART 44**

 LOGGED BY : **A. ROSS**
131

NWPS

INTERVAL (m)		RECOVERY		DESCRIPTION	FORM.	% Sn.											
FROM	TO	m	%			FROM	TO	TOTAL	As	STAN.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag.
0	34	6		Clays and weathered, semifresh magnetic greywacke.													
34	43	1		Green brown clays and weathered non magnetic greywacke.													
43	67	4		Orange brown clays and weathered carbonate.	No 2 Arsen												
67	122			Fresh grey, barren carbonate. Trace pyrrhotite in altered zone from 86 to 96m. Garnet-vesuvianite alteration from 86 to 96m. BCAs 30° at 70m changing to 45° at 120m. Mainly impure carbonate to 105m, after 105m greater chert, siltstone content. Coarse epidote at 117m. Trace pyrrhotite from 105 to 122m. Vuggy recrystallised calcite from 117 to 117.5m.		90.0	91.0	0.09	< 0.05	0.11							
						91.0	92.0	0.09	"	< 0.10							
						92.0	93.0	0.10	"	"							
						93.0	94.0	0.11	"	"							
						94.0	95.0	0.11	"	"							
						95.0	96.0	0.11	"	"							
122	349			[Petrological Samples: 88-4m METASOMATISED CALCAREOUS TUFF, 91m GARNET SKARN, 103-104m ALTERED TINE TUFF] Dark grey siltstones and greywackes. Varying magnetic response. Core very broken from 132.3 to 134m where water was hit. Less broken to 139m. Slight quartz actinolite alteration. At 135m, narrow quartz-pyrrhotite-chalcopyrite vein. Actinolite veining and slight brecciation from 140 to 146m. BCA's 45° in well bedded siltstones and greywackes. Red rhodocrosite on joints from 152 to 154m. BCA 60° at 155m and av 60° by 180m. Little alteration from 146 to 200m. Increase in actinolite alteration from 200 to 205m. Broken zone from 209 to 210.4m with little alteration. 212.3 to 213.5m. Altered zone with brecciated fragments and irregular veining by chlorite. No sulphides. Minor alteration to 215m. BCAs 30° at 224m. Minor alteration and carbonate veining from 222.6 to 223m. BCAs 60° at 230m. Minor actinolite, quartz veining. No alteration after 265m to 280m. Rhodocrosite common on joints from 277 to 299.5m. Core broken from 285 to 299.5. Brecciated fragments from 289.6 to 290.3m. BCA's 60° at 295m. From 299.5 to 349, monotonous dark grey siltstones, greywackes with minor zones (0.2m) of quartz actinolite alteration. BCA's 60-70°. Several minor broken zones. [Petrological Sample 298.8-298.9m METASOMATISED LAVALLE TUFF]													
				END OF HOLE 349m.													

181133

NWPS

INTERVAL (m)	RECOVERY		DESCRIPTION	FORM	% Sn.										
	FROM	TO			m	%	FROM	TO	TOTAL	As STAN.	% Cu.	% As.	% S.	% Pb.	% Zn.
Sample Details			Rock type - composition		Fabric	Minor Minerals				Comments					
	ML 44	88.4m	Metasomatised Calcareous Tuff. Mixed fragments of altered tuff and calcite; possible fossil fragments. Fine pyrrhotite, actinolite, chlorite throughout.	Poorly bedded; some intraformational brecciation.		Irregular carbonate veins.	Evidently a mixed sediment subaqueously deposited. Fossil fragments may be spines but identification very tentative.								
	91.1m		Garnet Skarn. Large euhedral grossularite crystals full of fine carbonate, diopside inclusions, coarse carbonate. Pyrrhotite patches. Coarse veauvianite.	Typical coarsely-crystalline skarn fabric.		Small fibrous chlorite rosettes.	Normal Ca-metasomatism of unknown, probably calcareous rock.								
	103.5m		Altered Fine Tuff. Thoroughly chloritised, probably basic tuff, fine grained poorly defined. Fine pyrrhotite common throughout.	Vague bedding but fairly featureless.		Pyrrhotite veins with actinolite.	Inferred basic composition, possibly verging on ultrabasic; absence of feldspar, quartz.								
			<p>PETROLOGICAL DESCRIPTION: MT. LINDSAY M.L...44</p> <p>by D. Cowan.....Central Mineralogical Services Pty. Ltd., REPORT CMS 78/4/27</p> <p>ML 44: 298.8 - 298.9m (TS 23816, K stain positive)</p> <p>This rock is a weakly hornfelsed and metasomatised <u>labile pelite</u> probably a subaqueous tuff or sandy tuffaceous siltstone. Much of the primary detail has been obliterated and the distinction is rather academic.</p> <p>The rock shows faint relict bedding, is very finely laminated locally and elsewhere there is vague evidence of grading. Mineralogy comprises mainly microcrystalline alkali feldspar with traces of quartz and semi-pervasive dusty Fe-oxide particles imparting a pinkish coloration. Subsequent aggregates of feldspar and actinolite (+ epidote, rarely phlogopite, chlorite) are common throughout. These features (mean 300µ), on the basis of shape, largely represent recrystallised and altered clastic rock (?lava) whilst some are clearly altered diagenetic carbonate rhombs. Often, these metasomatic aggregates merge with frequent irregular fracture veins of feldspar (adularia, albite) with accessory ankeritic carbonate and traces of talc and chlorite.</p> <p>Fine to ultrafine magnetite crystals are common throughout the rock and are locally accompanied by extremely fine Fe-sulphide particles. The magnetite is of recrystallised primary (i.e. clastic) origin at least in part.</p>												

181134

DIP ON DR R DRI

HC MBEF 44
 LOGGED BY : A. R. OSS.

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NWPS

INTERVAL (m)		RECOVERY		DESCRIPTION										FORM	% Sn.																						
FROM	TO	m	%	MAGNETIC SUSCEPTIBILITY DATA $\times 10^{-6}$ c.g.s. units											FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO ₃											
Depth (m)	M.S.	Depth	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.	Depth (m)	M.S.
54		46m	600	138 m	8400	180m	10300	222 m	<100	264 m	12500	306 m	7200	348 m	6600																						
			600		7800		12400		"		14600		4500	349 m	2750																						
			700	140 m	5300		18000		"		14000		7400		END OF HOLE																						
			500		<100		10900		"		16000		12000																								
		100 m	1650		13000		12500		"		15000	310 m	2700																								
			350		700		15000		"		15500		2700																								
60 m			480		1000		18000		"	270 m	1280		1680																								
			500		<100		16500		"		13000		180																								
			250		20000		7800	230 m	"		16000		600																								
			500		15000		11200		"		11200		1590																								
			550		4400	190 m	12600		"		18500		3600																								
			1150		15000		4100		"		6500		1150																								
			750	150 m	1700		10600		"		3300		6600																								
			700		2900		11700		"		1850		2000																								
		110 m	300		3350		11600		<100		2800	320 m	6600																								
			1950		12100		11200		"		2200		230																								
70 m			1850		10900		4300		4100	280 m	2950		550																								
			1050		8400		9000		7400		7000		750																								
			1100		7600		5500	240 m	11400		18200		2500																								
		100	1600		2250		3900		11800		5100		1600																								
		120	1550		3400	200 m	<100		12600		180		500																								
		650	<100		2700		"		12300		210		820																								
		120	780	160 m	12300		"		9000		360		150																								
		200	1250		11700		"		4800		220		3000																								
		420	120 m	1400	16000		"		2500		2100	330 m	1950																								
		250		2300	20000		"		3600		1200		1150																								
80 m	320		930		1050		"		12200	290 m	2100		3700																								
	650		<100		23000		"		11200		120		4900																								
	180		260		8400		"	250 m	3400		1220		1200																								
	650		<100		2100		"		1550		420		6400																								
	<100		"		8200	210 m	"		12600		760		1200																								
	"		"		7800		"		18000		800		3300																								
	"		"	170 m	8600		"		18000		250		5000																								
	200		"		9000		"		12200		1350		<100																								
	700	130 m	"		8200		"		7000		1700	340 m	2100																								
	550		"		11200		"		5100		3300		3900																								
90 m	850		"		12300		"		3500	300 m	2400		6600																								
	1150		"		15000		"		8400		580		7350																								
	<100		"		14500		"	260 m	3000		430		6600																								
	250		"		850		"		5400		3000		5400																								
	1200		"		8100	320 m	"		14400		980		6100																								
95 m	1350	137 m	4100		16000		"		16000		800		1700																								

181135

MT. LINDSAY DIAMOND DRILLING

DRILL PLOT KEY

DEVONIAN



Meredith Granite: porphyritic granite & dykes.



Skarn: with magnetite and/or chlorite-phlogopite.



Calc-silicate: garnet, diopside, carbonate bands.



Carbonate: grey, unaltered and recrystallised.

CAMBRIAN



Chert: grey to grey-brown and siliceous shales.

Crimson Creek



Mottled Zone: interbanded grey shales and cream-green-brown cherts.

Formation



Magnetic Shales: altered labile psammopelites with magnetite.



Non-magnetic Shales: altered psammopelites.

F NUMB	L. 45	SURVEY				VERTICAL		HORIZONTAL			
		Depth	Bearing	Dip	om	Dist	D. om. Dip	W. os. Dip	Log. Total		
PURPOSE	To test mineralisation beneath M.L. 40	Casing effects	0	42° 5' 58"	-65° 6' 17"	0 - 25.5	25.5	23.1	2289.8	10.8	70.8
			51.0		-65°	- 75.0	49.5	44.9	2288.9	20.9	31.7
			99.0	37°	-63°	-123.0	48.0	42.7	2202.2	21.8	53.5
LOCATION	Mt. Lindsay		147.0	37½°	-61½°	-171.0	48.0	42.1	2160.1	23.1	76.6
			195.0	38°	-61½°	-219.0	48.0	42.2	2117.9	22.9	99.5
COLLAR R.L.	2312.3 m	Magnetic Shales	243.0	* 43°	-61½°	-267.0	48.0	42.3	2075.6	22.7	122.2
			291.0	38°	-62½°	-320.5	53.5	47.4	2028.2	24.7	146.9
CO-ORDINATES	30987.0 m N 11454.8 m E		350.0	39°	-62½°	-375.5	55.0	48.8	1979.4	25.4	172.3
			401.0	40°	-62½°	-426.5	51.0	45.2	1934.2	23.5	195.8
LENGTH	648.5m	Magnetic Shales	452.0	* 44°	-62°	-473.5	47.0	41.5	1892.7	22.1	217.9
			495.0	35°	-60½°	-514.5	41.0	35.8	1856.9	20.0	237.9
HOLE SIZE	Nq 0 - 94.5m Bq 94.5 - 648.5m		534.0	37°	-61½°	-575	60.5	53.0	1803.9	29.1	267.0
			616.0	38°	-59½°	-630	55.0	47.5	1756.4	27.7	294.7
DATE DRILLED	15th December 1977		644.0	39°	-60°	-648.5	18.5	16.0	1740.4	9.25	303.9
SIGNIFICANT CORE LOSS ZONES	12th January 1978			(Mine)							
ORE ZONE GROUND CONDITIONS				* Possible Magnetic effects							
LOGGED BY	R.R. Schellekens										
COMMENTS	No 2 Carbonate - carbonate, minor calc-silicate bands.										

SUMMARY - ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m)	AVERAGE WEIGHTED ASSAYS										B.C.A.
				Sn.	Acid Sol. Sn.	Cu.	As.	Fe	Pb.	Zn.	Bi.	WO ₃	Ag g/t	
No 2 CARBONATE	460.2	567.5	107.3	< 0.01	0.04	< 0.05	< 0.10	6.1	0.004	0.006	0.007	< 0.01	6	
	567.2	568.2	1.0	< 0.01	0.06	< 0.05	< 0.10	8.9	0.003	0.009	0.004	0.16	2	

135

181137

DIAMOND DRILL RECORD

HOLE NUMBER : M.L. 45

LOGGED BY : R.R.S.

137

NWPS

INTERVAL (m)		RECOVERY		DESCRIPTION	FORM	% Sn.											
						FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% Fe.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO ₃
				385.8 - 385.9m actinolite-quartz vein - minor carbonate. Some brecciation of shales.	X	484.2	485.2	<0.01	0.015	<0.05	<0.10	4.8	0.005	0.007	0.009	9	<0.01
						485.2	486.2	"	0.018	"	"	6.0	0.004	0.005	0.006	8	"
						486.2	487.2	"	0.010	"	"	6.4	0.005	0.002	0.007	8	"
387.0	389.0	2.0	100	Magnetic Shales: as before. Magnetic susceptibility 1,400 - 3,300.		487.2	488.2	"	0.013	"	"	7.0	0.005	0.002	0.007	8	"
						488.2	489.2	"	0.016	"	"	8.5	0.003	0.006	0.005	9	0.05
389.0	391.0	2.0	100	Shales: as before. Magnetic susceptibility ≤ 100.		489.2	490.2	"	0.003	"	"	4.4	0.005	0.005	0.009	8	<0.01
						490.2	491.2	"	0.007	"	"	6.3	0.006	0.006	0.008	8	"
391.0	440.6	48.4	100	Magnetic Shales: as before. Magnetic susceptibility 0 - 1,000 average 400. B.C.A. 50°		491.2	492.2	"	0.002	"	"	3.4	0.006	0.002	0.010	9	"
						492.2	493.2	"	0.005	"	"	4.9	0.006	0.003	0.009	9	"
				390.1 - 390.3m actinolite-quartz veins variable banding approx. parallel to bedding.		493.2	494.2	"	0.005	"	"	7.2	0.006	0.006	0.009	11	"
						494.2	495.2	"	0.010	"	"	5.2	0.006	0.004	0.007	6	"
				403.0 - 403.9m bleached zone light grey with some light grey-green coarser grained beds.		495.2	496.2	"	0.008	"	"	3.7	0.006	0.003	0.010	8	"
						496.2	497.2	"	0.00	"	"	6.5	0.006	0.004	0.009	8	"
				405.4 - 405.5m red-brown rhodochrosite (?) along fractures.		497.2	498.2	"	0.008	"	"	4.3	0.005	0.005	0.008	7	"
				421.5m B.C.A. 50°.		498.2	499.2	"	0.005	"	"	4.6	0.005	0.007	0.008	6	"
				423.9 - 424.3m bleached zone green with actinolite and actinolite-chalcopyrite vein.		499.2	500.2	0.31	0.001	"	"	4.5	0.005	0.005	0.009	6	"
						500.2	501.2	<0.01	0.013	"	"	6.4	0.005	0.009	0.007	7	"
				429.3 - 429.4m core broken, rhodochrosite (?) along veins.		501.2	502.2	"	0.003	"	"	6.1	0.005	0.007	0.007	7	"
						502.2	503.2	"	0.006	"	"	6.1	0.005	0.007	0.007	5	"
440.6	460.2	19.6	100	Shales: non-magnetic. Magnetic susceptibility ≤ 100, B.C.A. 35° - 40°.		503.2	504.2	"	0.001	"	"	5.0	0.006	0.005	0.008	5	"
				445.4m low angle actinolite vein.		504.2	505.2	"	0.010	"	"	6.2	0.006	0.007	0.008	6	"
				447.0 - 460.2m zones of bleaching common - with fracture zones - often cemented by carbonate.		505.2	506.2	"	0.003	"	"	4.7	0.005	0.005	0.008	6	"
						506.2	507.2	"	0.014	"	"	4.3	0.006	0.004	0.008	7	"
				451.3 - 451.7m possible fault zone shale brecciated cemented by carbonate.	X	507.2	508.2	"	0.003	"	"	5.6	0.005	0.006	0.010	6	"
						508.2	509.2	"	0.008	"	"	5.3	0.005	0.005	0.010	7	"
				452.8m light green-cream bleached zone with chert fragments 5.0 cms wide angle 50°.		509.2	510.2	"	0.008	"	"	3.8	0.006	0.003	0.010	6	"
						510.2	511.2	"	0.015	"	"	4.0	0.006	0.003	0.010	5	"
				453.3m bleached zone as above for 452.8m.		511.2	512.2	"	0.006	"	"	6.2	0.006	0.006	0.010	6	"
				453.7m bleached zone with light green to light pink possible fine-grained garnets.		512.2	513.2	"	0.011	"	"	5.9	0.006	0.006	0.009	6	"
						513.2	514.2	"	0.001	"	"	4.5	0.007	0.005	0.011	6	"
				454.2 - 454.4m chert zone with fine-grained garnet, carbonate along fractures.		514.2	515.2	"	0.009	"	"	5.2	0.006	0.006	0.007	8	"
						515.2	516.2	"	0.003	"	"	5.3	0.005	0.006	0.007	7	"
				455.3 - 455.6m garnet-chert-chlorite zone - coarse-grained garnet.		516.2	517.2	"	0.005	"	"	6.5	0.004	0.005	0.006	6	"
						517.2	518.2	"	0.014	"	"	3.2	0.005	0.004	0.008	8	"
				456.5 - 456.6m bleached zone - fine-grained garnet and chert.		518.2	519.2	"	0.014	"	"	4.7	0.005	0.003	0.007	7	"
				456.75 - 456.9m " " " " "		519.2	520.2	"	0.015	"	"	6.2	0.004	0.002	0.006	8	"
				457.45 - 458.0m bleached zone cherty banding angle 45° - shows some disruption of banding.		520.2	521.2	0.01	0.029	"	"	8.3	0.004	0.004	0.006	7	"
						521.2	522.2	0.01	0.027	"	"	8.7	0.004	0.004	0.006	7	0.03
				458.0 - 460.2m Py-Po along thin fractures.		522.2	523.2	0.01	0.032	"	0.15	8.2	0.003	0.016	0.005	7	0.01
						523.2	524.2	<0.01	0.032	"	<0.10	9.0	0.003	0.004	0.006	7	<0.01
460.2	477.0	17.2	100	Carbonate: dark-light gray, poor to well banded, soft with irregular white milky carbonate veins. Some interbedded dark grey-black shale bands - containing fine grained pyrrhotite along fractures; and some	No. 2 C.A.B	524.2	525.2	"	0.022	"	"	8.4	0.006	0.021	0.007	13	"
						525.2	526.2	"	0.007	"	"	5.3	0.005	0.005	0.007	11	"
						526.2	527.2	"	0.002	"	"	6.0	0.004	0.008	0.007	10	"

181130

DIAMOND DRILL RECORD

HOLE NUMBER : M.L. 42

... SED E. R.R. 138

NWPS

INTERVAL (m)	RECOVERY	DESCRIPTION	FORM.	% Sn.											
				FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% Fe.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO ₃
		cream to light green chert bands - showing minor movement of beds along thin fractures. Magnetic susceptibility 0-700 average 150. B.C.A. 25°-50° average 40°.		527.2	528.2	<0.01	0.008	<0.05	<0.10	5.0	0.005	0.007	0.006	8	<0.01
		460.2 - 467.5m some interbedded shale bands with pyrrhotite along fractures.		528.2	529.2	"	0.017	"	"	5.3	0.004	0.007	0.006	8	"
				529.2	530.2	"	0.022	"	"	7.7	0.006	0.008	0.007	8	"
				530.2	531.2	"	0.020	"	"	8.5	0.006	0.006	0.007	8	"
				531.2	532.2	"	0.008	"	"	7.6	0.005	0.025	0.005	8	"
				532.2	533.2	"	0.008	"	"	6.7	0.004	0.005	0.005	7	"
477.0	488.2	11.2	100	Interbedded Carbonate, and Calc Silicates (50/50): contains interbedded grey soft carbonate with some carbonate veins; and hard red-brown garnet with minor diopside. Some grey-green chert bands. Vesuvianite (?) dark brown radiating fibrous mineral; and minor pyrrhotite associated with garnets. Some veins - pyrrhotite filled. Magnetic susceptibility 100-500 average 300. [Petrological Sample 480-3m BANDED DIOPSIDE - GARNET SKARN.] 482.5 - 483.2m 1-2% sulphides (Po & chal) on fracture in carbonate.											
				533.2	534.2	"	0.010	"	"	6.8	0.004	0.005	0.005	8	"
				534.2	535.2	"	0.008	"	"	4.7	0.005	0.004	0.007	10	"
				535.2	536.2	"	0.007	"	"	2.5	0.006	0.003	0.007	12	"
				536.2	537.2	"	0.007	"	"	5.5	0.005	0.005	0.004	9	"
				537.2	538.2	"	0.009	"	"	8.5	0.004	0.011	0.008	8	"
				538.2	539.2	"	<0.002	"	"	8.0	0.003	0.004	0.006	7	0.07
				539.2	540.2	"	"	"	"	7.9	0.005	0.006	0.009	9	<0.01
				540.2	541.2	"	"	"	"	4.6	0.006	0.004	0.011	10	"
				541.2	542.2	"	0.009	"	"	5.7	0.006	0.007	0.011	6	"
				542.2	543.2	"	0.010	"	"	4.1	0.006	0.004	0.011	6	"
488.2	519.8	31.6	100	Carbonate: grey soft as above with minor fine grained pink garnet bands, and grey-green cherts. Minor pyrrhotite along thin fractures - especially within dark grey carbonate bands - possibly shaley e.g. 490.5 - 492.6m. Magnetic susceptibility ≤ 100. B.C.A. 50° near top, 40° near base.											
				543.2	544.2	"	0.015	"	"	6.3	0.003	0.004	0.006	4	✓
				544.2	545.2	"	0.005	"	"	3.6	0.003	0.005	0.007	5	"
				545.2	546.2	"	0.004	"	"	4.6	0.002	0.005	0.006	4	"
				546.2	547.2	"	0.005	"	"	4.5	0.002	0.004	0.006	3	"
				547.2	548.2	"	0.020	"	"	7.2	0.002	0.004	0.007	3	"
				548.2	549.2	"	0.031	"	"	6.4	0.004	0.007	0.007	3	"
519.8	525.0	5.2	100	Interbedded Calc-Silicates and Carbonate: interbedded hard red-brown garnet, light-dark grey carbonate, and pink cherts. Vesuvianite(?) associated with garnet bands. Magnetic susceptibility 100-700 average 350. B.C.A. 50°. 523.0m speck scheelite											
				549.2	550.2	"	0.028	"	"	7.9	0.003	0.004	0.005	3	"
				550.2	551.2	"	0.007	"	"	4.0	0.003	0.005	0.006	4	"
				551.2	552.2	"	0.013	"	"	6.0	0.002	0.006	0.006	3	"
				552.2	553.2	"	0.006	"	"	5.6	0.003	0.013	0.006	3	"
				553.2	554.2	"	0.011	"	"	3.2	0.004	0.003	0.007	4	"
525.0	567.5	42.5	100	Carbonate: light grey soft as above - with minor calc-silicates (garnet bands). Magnetic susceptibility 0-900 average 420. B.C.A. 35°.											
				554.2	555.2	"	0.021	"	"	10.5	0.002	0.006	0.005	3	"
				555.2	556.2	"	0.024	"	"	10.8	0.002	0.005	0.005	3	"
				556.2	557.2	"	0.010	"	"	6.9	0.002	0.010	0.006	3	"
				557.2	558.2	"	0.007	"	"	5.3	0.002	0.005	0.006	3	"
				558.2	559.2	"	0.010	"	"	3.4	0.002	0.004	0.008	5	"
				559.2	560.2	"	0.016	"	"	9.3	0.001	0.007	0.005	3	"
				560.2	561.2	"	0.033	"	"	7.0	0.003	0.010	0.009	3	"
				561.2	562.2	"	0.017	"	"	8.4	0.003	0.008	0.006	3	"
				562.2	563.2	"	0.010	"	"	9.0	0.002	0.011	0.003	2	"
				563.2	564.2	"	0.010	"	"	8.0	0.003	0.006	0.004	3	"
				564.2	565.2	"	0.004	"	"	5.8	0.003	0.006	0.006	3	"
				565.2	566.2	"	0.022	"	"	6.8	0.003	0.008	0.006	3	"
				566.2	567.2	"	0.019	"	"	7.1	0.002	0.008	0.006	3	"
				567.2	568.2	"	0.016	"	"	8.9	0.003	0.009	0.004	2	0.16
				568.2	569.2	"	0.008	"	"	9.8	0.003	0.012	0.002	2	<0.01
				569.2	570.2	"	0.015	"	"	8.9	0.002	0.011	0.002	2	"

101140

DIAMOND DRILL RECORD

HOLE NUMBER : M.L.

LOGGED BY : R.R.G.

139

NWPS

INTERVAL (m)	RECOVERY	DESCRIPTION	FORM	% Sn.													
				FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO ₃			
		560.5 - 567.5m carbonate, grey-green chert, and red-brown garnet.		570.2	571.2	<0.01	0.007	<0.05	<0.10	10.2	0.003	0.011	0.001	2	<0.01		
		More cherty towards base. Minor Po disseminated		571.2	572.2	"	0.008	"	"	10.1	0.002	0.006	0.001	1	"		
		and along fractures. few speck scheelite at 567.5m.		572.2	573.2	"	0.004	"	"	10.5	0.002	0.005	0.001	1	"		
				573.2	574.2	"	0.011	"	"	10.0	0.002	0.012	0.001	1	"		
567.5	602.7	35.2	100	Chert: grey, light-dark grey, pink and green chert, with minor grey carbonate. Some disseminated Po and on thin fractures. Minor patches of garnets. Magnetic susceptibility 0 - 1,000, average 500.	META -	574.2	575.2	"	0.009	"	"	9.4	0.003	0.015	0.003	2	"
				B.C.A. 40 ⁰ . [Petrological Sample 594.5 ALTERED LABINE PELITE].	SEDS.	575.2	576.2	"	0.008	"	"	7.0	0.004	0.005	0.003	2	"
				578.5m thin vein of quartz, garnets and pyrrhotite. Some vesuvianite associated with patches of garnet.		576.2	577.2	"	0.006	"	"	9.9	0.002	0.005	0.002	1	"
						577.2	578.2	"	0.014	"	"	8.8	0.003	0.009	0.002	2	"
						578.2	579.2	"	0.023	"	"	10.1	0.004	0.009	0.002	2	"
						579.2	580.2	"	0.012	"	"	8.3	0.005	0.007	0.004	2	0.02
				579.5 - 582.8m bands of carbonate, garnet, minor vesuvianite, no sulphides.		580.2	581.2	"	0.009	"	"	7.4	0.003	0.004	0.004	2	<0.01
						581.2	582.2	"	0.008	"	"	9.9	0.002	0.006	0.001	2	"
				589.5 - 591.0m garnet - diopside, some carbonate.		582.2	583.2	"	0.005	"	"	6.4	0.004	0.012	0.002	2	"
				591.0 - 594.6m dark grey shale with Po along fractures.		583.2	584.2	"	0.004	"	"	8.7	0.002	0.002	0.002	1	"
				593.4 - 593.7m carbonate - light green bands.		584.2	585.2	"	0.003	"	"	9.3	0.003	0.004	0.002	2	"
				594.6 - 598.0m sulphides along fractures in chert 2 - 5% of core. Colour grey-brown, cream, pink, to black.		585.2	586.2	"	0.003	"	"	10.3	0.003	0.004	0.002	2	"
						586.2	587.2	"	0.009	"	"	9.8	0.002	0.005	0.007	4	"
				598.0 - 602.7m chert with some shale bands.		587.2	588.2	<0.01	0.018	<0.05	<0.10	10.6	0.003	0.014	0.005	4	"
				600.7 - 601.7m cream chert - disseminated Po.		588.2	589.2	"	0.011	"	"	10.2	0.002	0.008	0.005	4	"
						589.2	590.2	0.01	0.014	"	"	11.1	0.002	0.004	0.004	3	"
602.7	645.5	42.8	100	Shale: grey non-magnetic, as before. Magnetic susceptibility ≤ 100. Some coarser-grained siltstone beds. Minor bleached zones - light grey - especially near fractures. Light green to white sericite along fractures. Some irregular patches of quartz - with associated silicification of shales near quartz.		590.2	591.2	0.01	0.018	"	"	10.9	0.003	0.004	0.005	4	"
						591.2	592.2	<0.01	0.008	"	"	10.9	0.002	0.013	0.006	3	"
						592.2	593.2	"	0.007	"	"	10.3	0.002	0.008	0.006	4	"
						593.2	594.2	"	0.007	"	"	10.7	0.003	0.006	0.006	5	"
						594.2	595.2	"	0.007	"	"	9.6	0.003	0.008	0.006	3	"
						595.2	596.2	"	0.005	"	"	12.3	0.003	0.011	0.005	3	"
645.5	648.5	3.0	100	Magnetic Shales: as before. Magnetic susceptibility 6,200 - 8,800		596.2	597.2	"	0.008	"	"	9.2	0.001	0.01	0.005	2	"
						597.2	598.2	"	0.007	"	"	8.4	0.003	0.012	0.006	4	"
				END OF HOLE 648.5m		598.2	599.2	"	0.001	"	"	8.0	0.008	0.012	0.005	4	"
						599.2	600.2	"	0.003	"	"	7.6	0.003	0.012	0.005	4	"
						600.2	601.2	"	0.001	"	"	10.2	0.003	0.015	0.005	4	"
						601.2	602.2	"	0.004	"	"	8.1	0.002	0.006	0.005	3	"
						602.2	603.2	"	0.004	"	"	9.4	0.002	0.005	0.010	4	"
						603.2	604.2	"	0.006	"	"	9.9	0.002	0.005	0.010	6	"
						604.2	605.2	"	0.001	"	"	9.9	0.002	0.006	0.011	5	"
						605.2	606.2	"	"	"	"	"	"	"	"	"	"
						606.2	607.2	"	"	"	"	"	"	"	"	"	"

81141

HOLE No.: ML 46 + 46 A (Wedge)

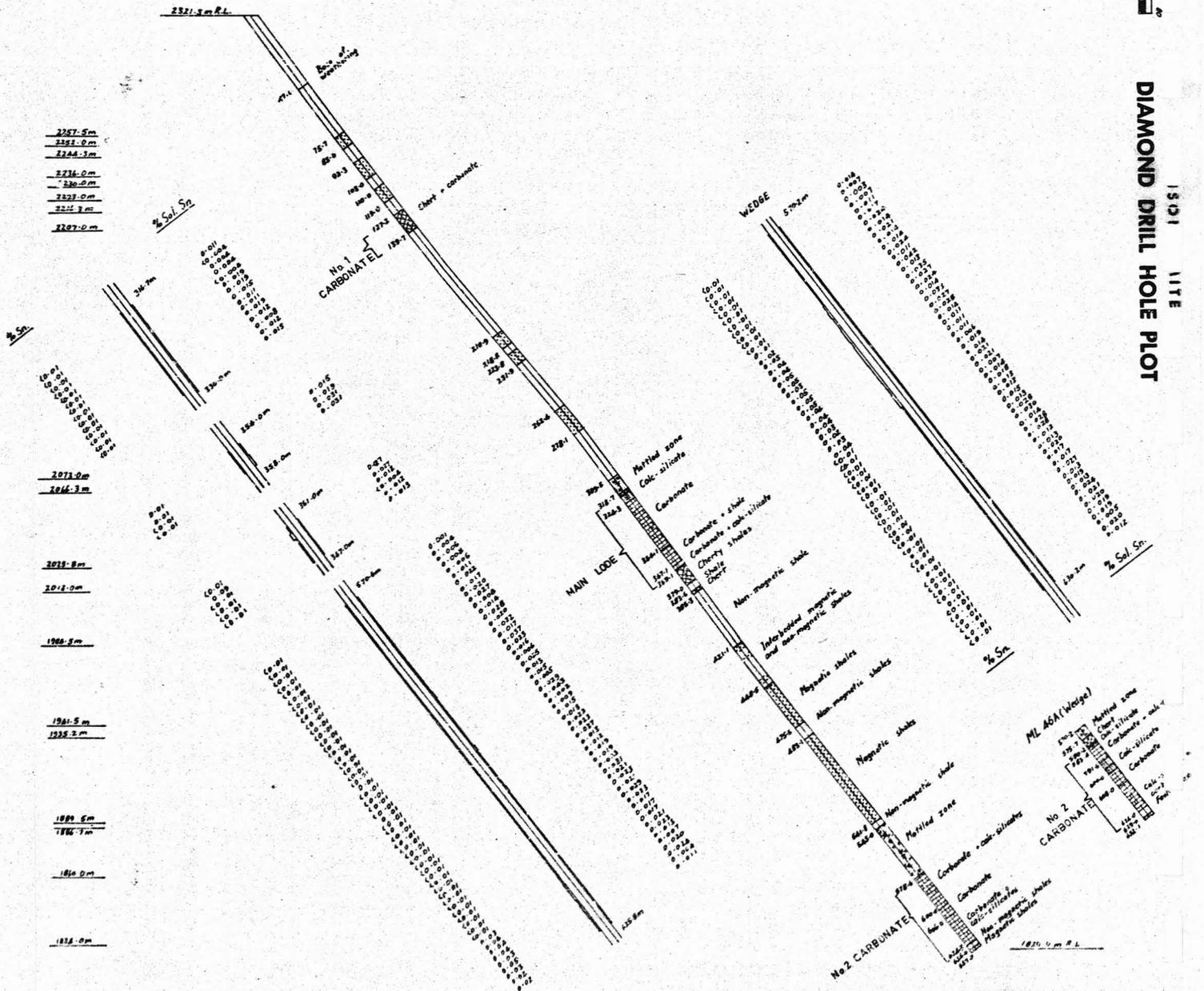
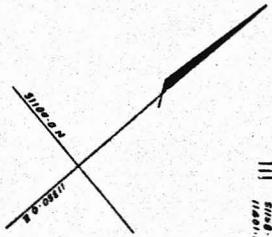
SCALE:



5 cm

DIAMOND DRILL HOLE PLOT

1511 111E



NWPS

INTERVAL (m)		RECOVERY		DESCRIPTION	FORM.	% Sn.											
FROM	TO	m	%			FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% Fe.	% Pb.	% Zn.	% Bi.	g/t Ag.	% Wt.
541.8	545.0	3.2	100	Shales: as before, bleached in bands and near fractures, M.S. < 100 B.C.A. 60°.		583.6	584.6	<0.01	0.020	<0.05	<0.10	6.4	0.003	0.006	0.010	6	
						584.6	585.6	"	0.022	"	"	5.7	0.003	0.010	0.011	5	
						585.6	586.6	"	0.017	"	"	6.3	0.005	0.011	0.008	6	
545.0	578.6	33.6	100	Mottled Zone: consisting of grey to brown siltstones and shales, cream-green fine grained cherts, fine-medium grained cherty siltstones and sandstones (with rounded and flattened fragments of fine grained chert). Minor sulphides - po on fractures. White sericite on fractures. No carbonate. M.S. 0 - 300. B.C.A. 50°.		586.6	587.6	"	0.037	"	"	6.2	0.006	0.017	0.009	5	
						587.6	588.6	"	0.023	0.008	"	6.4	0.003	0.008	0.007	2	
						588.6	589.6	"	0.016	0.010	"	5.6	0.003	0.007	0.007	4	
						589.6	590.6	"	0.006	0.005	"	2.2	0.004	0.006	0.005	4	
						590.6	591.6	0.01	0.025	0.121	"	12.3	0.006	0.015	0.012	5	
				[Petrological sample 546.1m ALTERED LABILE PELITE]		591.6	592.6	<0.01	0.013	0.007	"	4.3	0.004	0.007	0.007	3	
				554.4 - 554.5m po-chlorite-quartz vein, minor cpy.		592.6	593.6	"	0.015	0.031	"	7.4	0.004	0.011	0.007	3	
				555.4m 5cm wide band with cream chert fragments to 0.5cm long.		593.6	594.6	"	0.005	0.007	"	4.6	0.003	0.003	0.006	2	
				555.8 - 562.4m mostly dark grey-brown shale, rare chert bands and mottling.		594.6	595.6	"	0.029	0.17	"	6.6	0.003	0.007	0.008	2	
				562.4m B.C.A. 45°.		595.6	596.6	0.01	0.043	0.011	"	6.3	0.003	0.009	0.007	2	
				573.5 - 573.7m grey carbonate band.		596.6	597.6	<0.01	0.002	0.007	"	5.9	0.003	0.004	0.005	1	
				576.3 - 576.4m brown fine grained garnet-chert band.		597.6	598.6	"	0.009	0.008	"	5.7	0.003	0.006	0.006	1	
				577.4 - 578.6m grey to dark grey shales and cherts with po along thin fractures and bedding planes.		598.6	599.6	"	0.015	0.009	"	5.6	0.003	0.009	0.006	2	<0.01
				578.0m B.C.A. 40°.		599.6	600.6	"	0.018	0.007	"	6.6	0.003	0.009	0.005	2	"
						600.6	601.6	"	0.023	0.004	"	6.3	0.003	0.001	0.007	3	"
						601.6	602.6	"	0.023	0.006	"	4.2	0.003	0.006	0.008	2	"
						602.6	603.6	"	0.037	0.007	"	4.0	0.006	0.006	0.009	6	"
578.6	624.3	45.7	100	Interbedded Carbonate and Calc-silicates: grey fine-grained carbonate and brown-green calc-silicate bands - consisting of red-brown garnets and some light green diopside. Minor vesuvianite associated with garnet bands. Minor sulphides - po - associated with vesuvianite. M.S. 0 - 500, average 200. B.C.A. 30° - 60°.	1/2 CARB	603.6	604.6	"	0.013	0.005	"	4.3	0.006	0.006	0.010	5	"
				[Petrological Description 586.1m GARNETIFEROUS MARBLE]		604.6	605.6	"	0.012	"	"	3.3	0.007	0.004	0.009	5	"
				590.6 - 591.4m disseminated po (30-40%) with chlorite, diopside and rare cpy.		605.6	606.6	"	0.019	"	"	2.7	0.006	0.004	0.010	4	"
				600 - 606.8m mostly grey carbonate bands - no calc-silicates.		606.6	607.6	"	0.019	"	"	3.9	0.007	0.008	0.009	4	"
				606.8 - 624.3m calc-silicate bands with minor sulphides (pyrrhotite and some white carbonate).		607.6	608.6	"	0.023	"	"	3.7	0.006	0.010	0.009	5	"
						608.6	609.6	"	0.031	"	"	5.4	0.008	0.016	0.011	5	"
						609.6	610.6	"	0.021	"	"	4.3	0.007	0.011	0.022	7	"
						610.6	611.6	"	0.023	"	"	4.3	0.007	0.011	0.009	8	"
						611.6	612.6	"	0.021	"	"	4.4	0.007	0.012	0.010	7	"
						612.6	613.6	"	0.029	"	"	4.8	0.006	0.010	0.011	8	"
						613.6	614.6	"	0.033	"	"	5.3	0.008	0.013	0.010	8	"
						614.6	615.6	"	0.017	"	"	5.0	0.009	0.012	0.010	9	"
624.3	625.87	1.5	100	Mottled zone: brown-green to cream, cherts and shales. Core broken and fractured. Chlorite on fractures. M.S. 0 - 600.		615.6	616.6	"	0.017	"	"	6.4	0.007	0.018	0.009	8	"
						616.6	617.6	0.03	0.017	"	"	5.4	0.007	0.006	0.009	8	"
						617.6	618.6	0.04	0.021	"	"	7.1	0.006	0.008	0.010	8	"
625.8	627.0	0	0	Fault Zone: No core recovery. Unable to penetrate zone even after cementing due to water problems - cement not setting. HOLE WEDGED - CORING FROM 570.2m.		618.6	619.6	0.04	0.023	"	"	6.3	0.007	0.008	0.014	8	"
						619.6	620.6	0.04	0.013	"	"	4.9	0.007	0.010	0.012	8	"
						620.6	621.6	0.03	0.007	"	"	3.2	0.007	0.004	0.012	8	"
						621.6	622.6	0.05	0.020	"	"	6.9	0.006	0.009	0.047	8	"
						622.6	623.6	0.03	0.024	"	"	5.4	0.008	0.014	0.010	8	"
						623.6	624.6	0.02	0.004	"	"	6.4	0.005	0.008	0.008	7	"
						624.6	625.8	0.02	0.011	"	"	9.7	0.005	0.011	0.006	7	"

181143

DIAMOND DRILL RECORD

HOLE NUMBER: M.L. 46 & 46A

LOGGED BY: R.R.S. 142

SWPS

INTERVAL (m)		RECOVERY		DESCRIPTION	FORM.	% Sn.												
FROM	TO	m	%			FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% Fe.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO ₃	
620.9	622.0	1.1	100	Carbonate: cream-grey with some garnet zones. M.S. 100 - 200. B.C.A. 50°.		611.2	612.2	<0.01	0.028	<0.05	<0.10	5.3	0.006	0.008	0.008	6	<0.01	
							612.2	613.2	"	0.028	"	"	4.8	0.007	0.011	0.010	7	"
							613.2	614.2	"	0.012	"	"	4.6	0.007	0.010	0.011	7	"
622.0	625.2	3.2	100	Calc-silicate and Carbonate: with some grey shale bands. Small fractures through core - shows some movement.		614.2	615.2	"	0.013	"	"	4.5	0.004	0.011	0.008	8	"	
							615.2	616.2	0.01	0.020	"	"	4.8	0.005	0.010	0.011	10	"
							616.2	617.2	<0.01	0.017	"	"	5.5	0.005	0.010	0.008	6	"
							617.2	618.2	"	0.017	"	"	8.5	0.004	0.008	0.007	5	"
625.8	629.0	2.8	74	Fault zone: broken core, soft grey to green to brown, breccia to green clay with some quartz veins. Fragments consist of weathered mottled zone shales. M.S. 0 - 900. No B.C.A. [Petrological Description: 626.5m METASOMATISED BRECCIA] 627.2 - 627.3m quartz vein 627.9 - 629.0m colour dark grey.		618.2	619.2	0.01	0.027	"	"	4.4	0.005	0.018	0.016	5	"	
							619.2	620.2	<0.01	0.013	"	"	5.3	0.006	0.011	0.009	5	"
							620.2	621.2	"	0.019	"	"	4.0	0.006	0.007	0.009	6	"
							621.2	622.2	"	0.013	"	"	3.3	0.007	0.006	0.009	7	"
							622.2	623.2	"	0.024	"	"	7.3	0.007	0.011	0.010	5	"
							623.2	624.2	0.01	0.021	"	"	4.0	0.006	0.011	0.009	6	"
							624.2	625.2	<0.01	0.020	"	"	5.1	0.008	0.053	0.009	6	"
629.0	632.1	3.1	100	Magnetic Shales: gray to dark grey, slightly fractured, some of core very broken. Some black spotting in shales. M.S. 400 - 4000. No. B.C.A. Hole abandoned - due to caving in fault zone.		625.2	626.2	"	0.019	"	"	8.9	0.003	0.013	0.002	4	"	
							626.2	627.2	"	0.019	"	"	8.2	0.003	0.016	0.003	5	"
							627.2	628.2	"	0.005	"	"	10.7	0.003	0.016	0.003	5	"
							628.2	629.2	"	0.020	"	"	10.9	0.003	0.010	0.001	4	"
							629.2	630.2	"	0.012	"	"	11.0	0.003	0.016	0.002	5	"

181144

PURPOSE	TO TEST MINERALISATION UNDERNEATH M.L. 38	SURVEY				VERTICAL		HORIZONTAL		
		Depth	Bearing	Dip	Dist	D. Dist	Net	D. Dist	Prog. Total	
		0m	44° 9' 46"	-54° 15' 18"	0 - 24.8	24.8	20.1	2409.7	14.5	14.5
		49.5m	*46°	-55°	- 75.5	50.7	41.5	2368.2	29.1	43.6
		101.5m	45°	-55°	- 125.0	49.5	40.5	2327.7	28.4	72.0
LOCATION	MT. LINDSAY TASMANIA	148.5m	43°	-55.5°	- 174.0	49.0	40.4	2287.3	27.8	99.8
		199.5m	*43°	-56.5°	- 224.0	50.0	41.7	2245.6	27.6	127.4
COLLAR R.L.	2429.8M	248.5m	? 24°	-58°	- 264.5	40.5	34.3	2211.3	21.5	148.9
		280.5	? 1°	-58°	- 310.5	46.0	39.0	2172.3	24.4	173.3
CO-ORDINATES	31698.2MM 11296.2M E	340.5m	? 36°	-57°	- 356.75	46.25	38.8	2133.5	25.2	198.5
		373.0m	*47°	-57°	- 375.0	18.25	15.3	2118.2	9.9	208.4
LENGTH	375.0M	* Possible Magnetic effects								
HOLE SIZE	Pq 0-3.0m Nq 11.2 - 30.0m Hq 3.0 - 11.2m Bq 30.0 - 375.0m									
DATE DRILLED	25.1.78 to 9.2.78									
SIGNIFICANT CORE LOSS ZONES										
ORE ZONE GROUND CONDITIONS										
LOGGED BY	R. SCHELLEKENS									
COMMENTS	MAGNETITE SKARN ZONE INTERSECTED.									

SUMMARY - ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m)	AVERAGE WEIGHTED ASSAYS										B.C.A.
				Sn.	Acid Sol. Sn.	Cu.	As.	Fe	Pb.	Zn.	Bi.	WO ₃	Ag g/t	
No 2 COPPERGATE	297.5	313.0	15.5	0.13	0.07	0.071	<0.10	44.3	0.002	0.012	0.005	<0.01	4	
	314.0	315.0	1.0	0.05	0.042	0.02	<0.10	34.1	0.002	0.010	0.006	0.14	4	

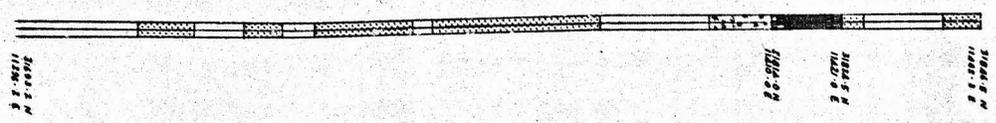
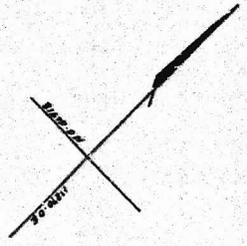
HOLE No.: ML 47

SCALE:

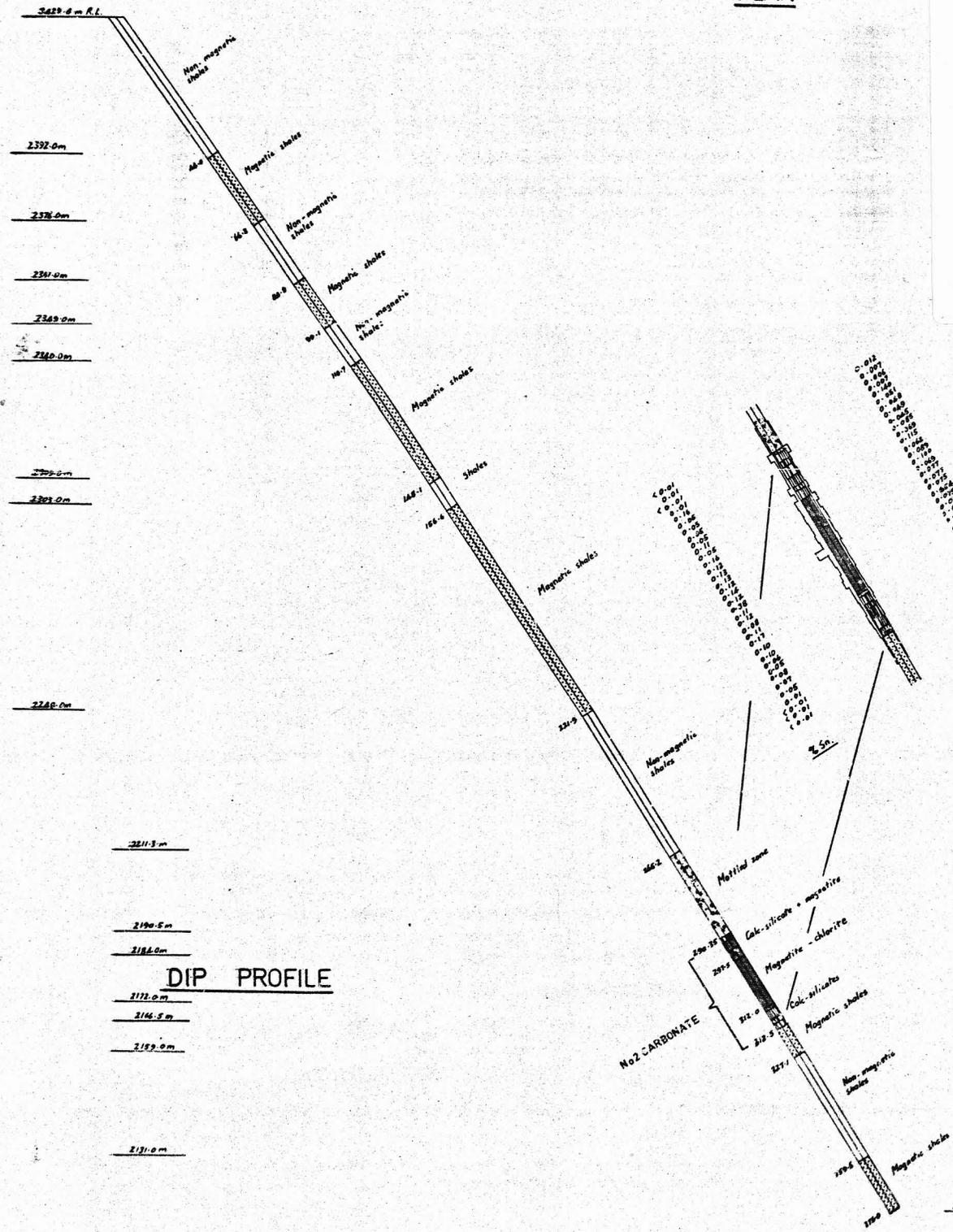
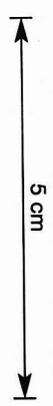


DIAMOND DRILL HOLE PLOT

SOD. LITE



PLAN



DIP PROFILE

DIAMOND DRILL RECORD

HOLE NUMBER 47

LOGGED BY R.R. SCHELLEKENS

145

NWPS

INTERVAL (m)		RECOVERY		DESCRIPTION	FORM.	% Sn.											
FROM	TO	m	%			FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% Fe.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO ₃
				91.9 - 92.1m rhodocrosite on rare thin fractures.													
				93.7 - 98.0m minor rhodocrosite on a few fractures only.													
99.1	110.7	11.6	100	Shales: as before M.S. 100 B.C.A. 30°													
110.7	148.1	148.1	100	Magnetic Shales: as before M.S. 0 - 8300 B.C.A. 30°													
				125.6 - 128.0m light grey shales - slightly bleached, some pyrite associated with chlorite - actinolite veinlets.													
				127.0 minor po along thin fractures.													
				139.0 - 140.0m slight bleaching of shales.													
				145.0 - 146.0m slightly bleached zone.													
148.1	156.4	7.7	93	Shales: As before with some bleaching near fractures M.S. <100 B.C.A. 30°.													
				149.9 - 150.0m po-py associated with chlorite - actinolite vein													
156.4	221.9	65.5	100	Magnetic Shales: as before with some non-magnetic bands 1 - 3m wide. Graded bedding seen in some of the coarser grained bands - younging downwards. M.S. 0 - 10,000 B.C.A. 20° - 25°.													
				173.1 - 174.5m pale sericite-quartz veinlet network. Slight bleaching of shales to light-medium grey.													
				191.3 - 192.0m slightly bleached zone with few quartz - chlorite - actinolite - rare py.													
221.9	265.2	43.3	100	Shales: as before with slight bleaching (grey to light grey) associated with quartz - chlorite - actinolite - py, and thin sericite veinlets. Quartz veins up to 10cms wide generally <2.5cms wide. M.S. <100 B.C.A. ≈ 30° (approx.)													
				228.3 - 228.4m quartz - actinolite - chlorite veinlet.													
				229.8m quartz vein, actinolite - chlorite near edges 3 cms wide angle 50°													
				240.8 - 249.5m No veinlets hence no bleaching.													
				249.5 - 265.1m Slight bleaching of core.													
				256.1m Chlorite - quartz - chalcopyrite vein, some disseminated sulphides in core, vein 2cms wide.													
265.2	290.35	25.15	100	Mottled Zone: interbedded grey-brown shale and cream - green - pink cherts and cherty siltstones. Some bands contain fragments of chert to 1 cm. Graded bedding shows younging downwards. Cherts more abundant with depth. No carbonate. Minor pyrrhotite along fractures and some disseminated especially in grey-brown shales. M.S. <100 B.C.A. 40°.													
						286.35	287.35	<0.01	0.012	<0.05	<0.10	3.2	0.002	0.009	0.001	1	<0.01
						287.35	288.35	0.01	0.007	"	"	10.5	0.002	0.007	0.001	1	"
						288.35	289.35	<0.01	0.006	"	"	9.8	0.004	0.007	<0.001	1	"
						289.35	290.35	0.01	0.007	"	"	8.6	0.001	0.004	0.001	1	"

181147

DIAMOND DRILL RECORD

HOLE NUMBER: R.L. 47

LOGGED BY: R.R. SCHELLEKENS 146

NWPS

INTERVAL (m)		RECOVERY		DESCRIPTION	FORM.	% Sn.											
FROM	TO	m	%			FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% Fe.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO ₃
				267.0 - 272.0m mostly chert bands													
				280.3m fine conglomerate band													
				287.0 - 290.35 mostly chert bands													
290.35	297.5	7.15	100	Banded calc-silicates with minor magnetite; grey-cream-green	No. 2	290.35	291.35	0.16	0.140	0.07	<0.10	21.1	0.002	0.015	0.044	3	<0.01
				banded calc-silicates -diopside and fine grained (?) garnet with	core	291.35	292.35	0.05	0.051	0.07	"	15.1	0.004	0.026	0.020	4	"
				pyrrhotite (10 - 15%) disseminated and in bands associated with		292.35	293.35	0.05	0.048	<0.05	"	9.2	0.004	0.030	0.007	3	"
				dark green chlorite. Minor magnetite bands, and disseminated		293.35	294.35	0.05	0.049	0.08	"	26.3	0.003	0.012	0.007	4	"
				carbonate. M.S. 0 - 49,000 depending on magnetite bands,		294.35	295.35	0.05	0.045	0.05	"	14.6	0.004	0.013	0.007	4	0.01
				B.C.A. 55°.		295.35	296.35	0.11	0.085	0.07	"	15.4	0.006	0.014	0.004	4	<0.01
				295.0m specks of blue fluorescent scheelite.		296.35	297.5	0.05	0.069	0.05	"	16.1	0.006	0.011	0.035	5	"
						297.5	298.5	0.16	0.115	0.20	"	37.0	0.004	0.016	0.007	5	"
297.5	312.0	14.5	100	Banded Magnetite - Chlorite: black-green bands of fine-medium		298.5	299.5	0.12	0.062	0.11	"	41.5	0.001	0.010	0.006	4	"
				grained magnetite - with associated chlorite, with bands of		299.5	300.5	0.13	0.089	0.09	"	42.0	0.004	0.015	0.005	4	"
				pyrrhotite (10 - 15%) and some calc-silicate minerals. ^{specks of cpy associated with pyrrhotite and magnetite.} Disseminated		300.5	301.5	0.13	0.100	<0.05	"	44.1	0.002	0.010	0.004	4	"
				fine grained carbonate and in small spots with chlorite near edges.		301.5	302.5	0.12	0.069	0.05	"	50.5	0.002	0.011	0.005	4	"
				M.S. 32000 - 97000. B.C.A. 60° (banding)		302.5	303.5	0.14	0.077	<0.05	"	47.6	0.002	0.012	0.005	4	0.01
				[Petrological Description: 304.9m Hastingsite-actinolite-magnetite		303.5	304.5	0.12	0.077	0.05	"	41.3	0.002	0.010	0.004	3	<0.01
				skarn.]		304.5	305.5	0.38	0.075	<0.05	"	42.1	0.001	0.011	0.004	4	"
				304.2m specks of blue fluorescent scheelite.		305.5	306.5	0.11	0.054	"	"	49.0	0.002	0.011	0.004	5	"
						306.5	307.5	0.12	0.075	0.05	"	44.9	0.002	0.012	0.005	3	"
312.0	318.5	6.5	100	Calc-silicates with minor magnetite bands; as before (290.35 -		307.5	308.5	0.08	0.049	0.07	"	53.0	0.002	0.010	0.007	2	"
				297.5m). Pyrrhotite - 30%, with minor cpy. Disseminated		308.5	309.5	0.11	0.054	0.07	"	52.3	0.001	0.010	0.007	2	"
				carbonate in core. Some magnetite-chlorite bands. M.S. 700 -		309.5	310.5	0.17	0.043	0.08	"	52.9	0.002	0.013	0.007	3	"
				85,000. B.C.A. 55°.		310.5	312.0	0.10	0.051	0.10	"	52.2	0.001	0.012	0.008	3	0.01
				[Petrological Description: 314.3m Hastingsite-magnetite-pyrrhotite-		312.0	313.0	0.10	0.081	0.16	"	20.4	0.002	0.011	0.012	3	0.02
				diopside skarn.]		313.0	314.0	0.06	0.058	0.13	"	23.4	0.002	0.013	0.008	4	0.01
				312.3 - 315.7m zone of disseminated scheelite < 1/2		314.0	315.0	0.05	0.042	0.20	"	36.1	0.002	0.010	0.006	4	0.14
				317.1m specks of blue fluorescent scheelite		315.0	316.0	0.08	0.068	0.12	"	19.6	0.002	0.012	0.008	4	0.04
				317.5m specks of blue fluorescent scheelite		316.0	317.0	0.07	0.031	0.25	"	35.7	0.002	0.011	0.014	4	<0.01
				318.0m specks of blue fluorescent scheelite		317.0	318.5	0.05	0.042	0.20	"	42.0	0.002	0.010	0.020	4	0.07
						318.5	319.5	0.01	0.025	<0.05	"	11.9	0.001	0.007	0.002	2	<0.01
318.5	322.1	3.6	100	Bleached Zone: light grey shales with some chert bands, minor po		319.5	320.5	<0.01	0.016	0.05	"	11.1	0.001	0.004	0.002	2	"
				along fractures. M.S. 0 - 1100.		320.5	321.5	"	0.016	0.05	"	11.6	0.001	0.003	0.002	2	"
				318.5 - 318.9m core chlorite rich - dark green.		321.5	322.5	"	0.013	<0.05	"	11.8	0.001	0.005	0.001	2	"
				318.6m carbonate vein.													
322.1	327.1	5.0	100	Magnetic Shales and Cherts: grey-cream-brown-green shales and													
				interbedded cherts cut by 1cm wide quartz-magnetite-carbonate veins.													
				Minor disseminated po; and carbonate veinlets. M.S. 300 - 1300.													

181148

NUM	M.L. 48	SURVEY				VERTICAL		HORIZONTAL		
		Depth	Bearing	Dip	From	D	D.Sin.Dip	M.L.	D.Cos.Dip	Prog. Total
PURPOSE	To test No.1 anomaly west of the Mt. Lindsay Spur.	0m	38°10'26"	-43°35'12"	0-25.0	25.0	17.2	2512.8	18.1	18.1
		50.0m	*43°	-45°15'	-75.5	50.5	35.9	2476.9	35.6	53.7
		101.0m	4°	-46°	-125.0	49.5	35.6	2441.3	34.4	88.1
LOCATION	Mt. Lindsay, Tasmania.	149.0m	*26°	-46°30'	-174.5	49.5	35.9	2405.4	34.1	122.2
		200.0m	46°	-46°	-225.5	51.0	36.7	2368.7	35.4	157.6
COLLAR R.L.	2530.0	251.0m	*43°	-46°45'	-275.0	49.5	36.1	2332.6	33.9	191.5
		299.0m	41°30'	46°15'	-318.5	43.5	31.4	2301.2	30.1	221.6
CO-ORDINATES	32199.0mN 10210.8m E	338.0m	44°	45°45'	-339.5	21.0	15.0	2286.2	14.7	235.3
		* Possible magnetic effects.								
LENGTH	339.5m									
HOLE SIZE	Hq 0 - 24.5m Nq 24.5 - 41.0m Bq 41.0 - 339.5m									
DATE DRILLED	16-2-78 to 28-2-78									
SIGNIFICANT CORE LOSS ZONES										
ORE ZONE GROUND CONDITIONS	Good									
LOGGED BY	R. Schellekens.									
COMMENTS										

SUMMARY - ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m)	AVERAGE WEIGHTED ASSAYS											B.C.A.	
				Sn.	Acid Sol. Sn.	Cu.	As.	Fe	Pb.	Zn.	Bi.	WO ₃	Ag g/t			
No.1 CARBONATE	131.9	134.9	3.0	0.12	0.085	<0.05	0.33	19.4	0.002	0.018	0.019	<0.01	3			50
	137.9	147.9	10.0	0.18	0.124	<0.05	<0.10	21.0	0.004	0.051	0.013	<0.01	4			
	154.9	162.9	8.0	0.11	0.070	0.11	0.34	16.3	0.004	0.013	0.014	<0.01	3			

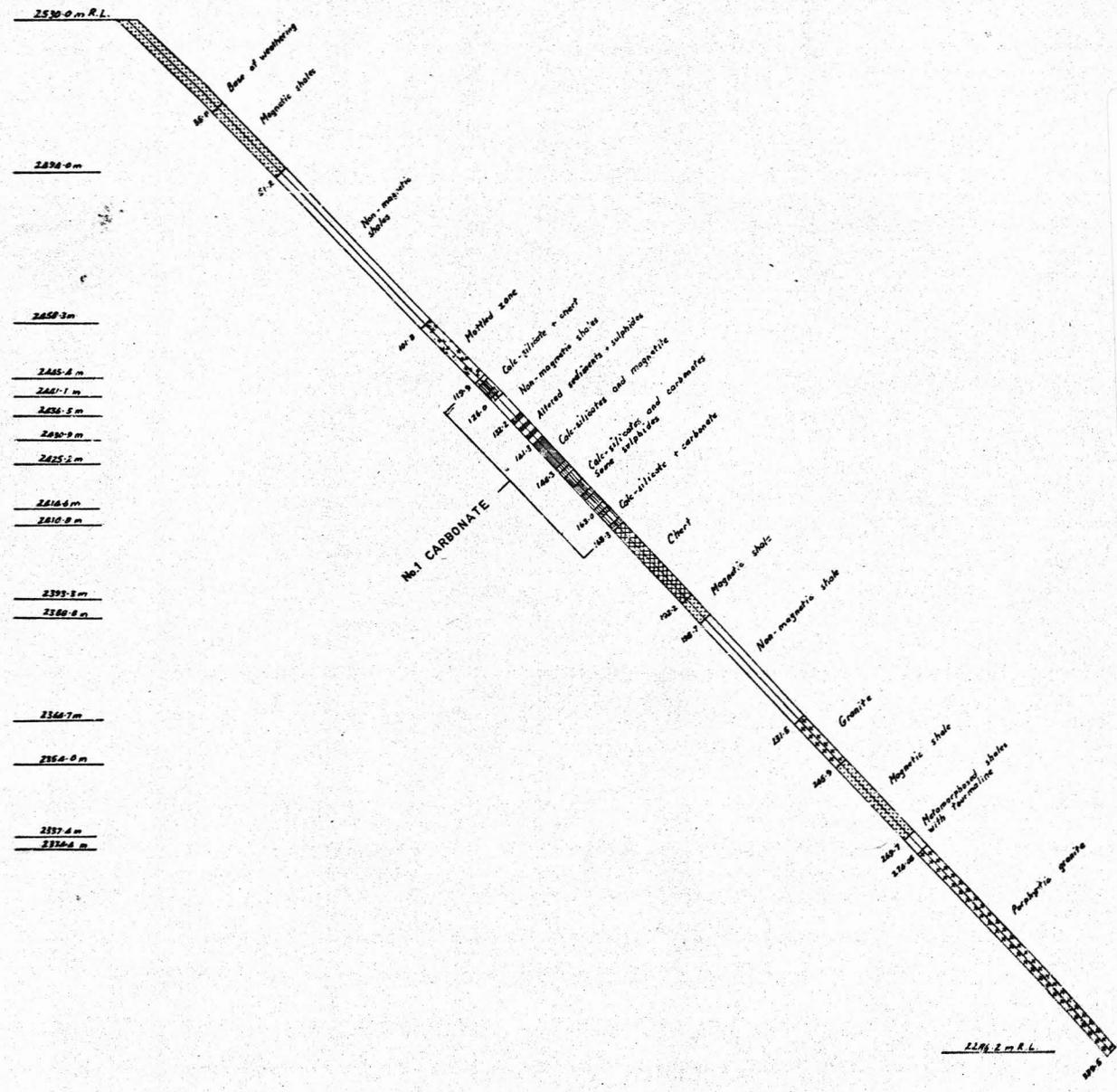
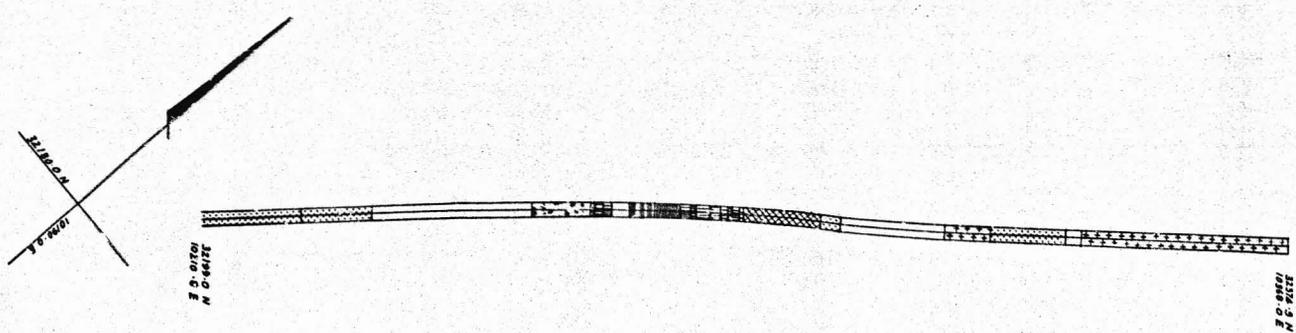
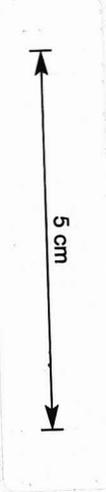
HOLE No.: ML 48

SCALE:



DIAMOND DRILL HOLE PLOT

1:50 AIR



DIAMOND DRILL RECORD

HOLE NUMBER: N.L. 48

LOGGED BY: R.R.S.

149

NWPS

INTERVAL (m)		RECOVERY		DESCRIPTION	FORM	% Sn.											
						FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% Fe.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO ₃
154.8	156.4	1.6	100	<u>DISSEMINATED SULPHIDES WITH CHLORITE</u> Sulphides fine grained 30% (po., py., cpy) some carbonate in ground mass. M.S. 2400 - 2600		154.9	155.9	0.14	0.074	0.09	0.18	14.6	0.003	0.014	0.012	2	<0.01
						155.9	156.9	0.10	0.059	0.09	0.30	15.8	0.005	0.014	0.019	2	<0.01
156.4	156.7	0.3	100	<u>BANDED CALC-SILICATE AND CHLORITE</u> Banded garnet and calc-silicate minerals with dark green chlorite near fractures, some cherty bands (156.4 - 156.5m) Minor disseminated sulphides. B.C.A. 55°.													
156.7	163.0	6.3	100	<u>DISSEMINATED SULPHIDES AND CALC-SILICATES</u> Calc-silicates, carbonate and dark green chlorite (phlogopite?) bands, some cherty bands. Disseminated sulphides 30% fine grained po., py., cpy., and arseno. Rare magnetite M.S. 400 - 2800 B.C.A. 40° - 55° (Petrological Sample 158.1m Axinite-carbonate Tremolite Rock).		156.9	157.9	0.09	0.052	0.15	0.40	13.9	0.004	0.013	0.015	2	<0.01
						157.9	158.9	0.10	0.078	0.11	0.64	19.4	0.002	0.012	0.017	5	<0.01
						158.9	159.9	0.08	0.044	0.09	0.50	16.3	0.004	0.014	0.027	4	<0.01
						159.9	160.9	0.12	0.065	0.17	0.17	17.7	0.005	0.012	0.017	4	<0.01
						160.9	161.9	0.12	0.081	0.15	0.38	18.1	0.005	0.014	0.012	4	<0.01
						161.9	162.9	0.15	0.109	0.06	0.15	14.5	0.002	0.011	0.007	4	<0.01
						162.9	163.9	0.06	0.030	<0.05	<0.10	10.1	0.004	0.006	0.007	3	<0.01
163.0	168.3	5.3	100	<u>CARBONATE AND CALC-SILICATE BANDS</u> Bands of carbonate and calc-silicates with thin shale bands containing thin pyrrhotite veinlets. Some irregular carbonate veinlets M.S. 400 - 700 B.C.A. 55°.		163.9	164.9	0.02	0.019	<0.05	<0.10	7.6	0.007	0.011	0.004	2	<0.01
						164.9	165.9	0.03	0.009	<0.05	<0.10	7.5	0.002	0.013	0.007	2	<0.01
						165.9	166.9	0.03	0.005	<0.05	<0.10		0.002	0.012	0.005	3	<0.01
						166.9	168.3	0.02	0.002	<0.05	<0.10		0.003	0.012	0.004	2	<0.01
168.3	173.3	5.0	100	<u>CHERT</u> Grey to grey brown, some chert bands contain flattened fragments of chert (white). Calc-silicate bands-mostly garnet. Graded bedding indicates younging downwards. Pyrrhotite along fractures.													
173.3	173.5	0.2	100	<u>COARSE GRAINED GARNET</u> In grey to cream carbonate groundmass.													
173.5	185.7	12.2	100	<u>CHERT</u> Grey-cream chert blotchy appearance - faintly resembles "Dog Rock" of earlier drill holes. Bleaching of core near carbonate and carbonate-quartz-pyrrhotite veinlets. M.S. 200 - 1000 176.5m thin (1cm wide) quartz-carbonate-magnetite in angle 40° 177.3 - 180.3m grey brown siltstone. 180.3 - 181.0m blotchy appearance to core. 181.0 - 183.1m some irregular garnet sections. 183.1 - 184.2m rounded fragments blotchy appearance - resembles "Dog Rock" 184.2 - 185.7m Minor blotchy appearance.													

181151

DIAMOND DRILL RECORD

HOLE NUMBER: 48

150

LOGGED BY: R.R.S.

NWPS

INTERVAL (m)		RECOVERY		DESCRIPTION	FORM.	% Sn.											
FROM	TO	m	%			FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% Fe.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO ₃
269.7	274.05	4.35	100	METAMORPHOSED SHALE (META-SEDIMENTS): Light to dark grey, brown to green, metamorphosed shales, mottled appearance. Development of tourmaline, disseminated and in veins, with some disseminated pyrrhotite (up to 5%). Angle with granite 80° M.S. ≤ 100 - possibly due to heating effects B.C.A. 45°. 273.65 - 274.05 core silicified.													
						270.05	271.05	<0.01	0.015	<0.05	<0.10	10.5	0.003	0.006	0.005	7	<0.01
						271.05	272.05	<0.01	0.015	<0.05	<0.10	9.9	0.004	0.012	0.006	7	"
						272.05	273.05	<0.01	0.008	<0.05	<0.10	11.3	0.003	0.013	0.006	4	"
						273.05	274.05	<0.01	0.001	<0.05	<0.10	9.6	0.003	0.008	0.003	3	"
274.05	339.5	65.45	100	PORPHYRITIC GRANITE Grey phenocrysts of feldspar (to 2cms long) and quartz (to 1cm long) with smaller biotite flakes (5 - 10%), set in finer grained grey ground mass. Grain size variable fine - coarse grained. Feldspar fresh and slightly altered (green sericite) especially near quartz muscovite, and quartz tourmaline veins. Cut by quartz-black tourmaline and quartz-sericite (greisen) veins mostly minor to rare. Rare sulphides associated with veins. Some patches (irregular) of quartz and tourmaline. M.S. ≤ 100 (Petrological Sample 274.5m Altered Biotite Micro-Adamellite, 336.5m Biotite Granite). 274.05 - 276.4m fine grained 289.3 - 289.7m quartz-tourmaline vein Some muscovite 303.0 - 303.2m quartz tourmaline vein 305.4 - 305.7m quartz tourmaline zone 309.0 - 309.1m quartz vein, alteration of feldspars near vein 324.8 - 325.1m quartz-tourmaline vein and muscovite. 336.0 - 336.3m Tourmaline-quartz vein some muscovite. Core broken.													
						274.05	275.05	<0.01	<0.001	<0.05	<0.10	1.7	0.002	0.003	0.001	2	<0.01
						275.05	276.05	<0.01	0.003	<0.05	<0.10	1.2	0.002	0.002	0.001	2	"
						276.05	277.05	<0.01	0.015	<0.05	<0.10	2.1	0.003	0.005	0.002	2	"
						277.05	278.05	<0.01	0.003	<0.05	<0.10	1.4	0.002	0.003	0.001	3	"
						278.05	279.05	<0.01	0.001	<0.05	<0.10	1.1	0.001	0.002	0.001	1	"
						279.05	280.05		0.006			1.2	0.001	0.002	<0.001	<1	
				END OF HOLE													

181152

HOLE NUMBER	No. 49	SURVEY				VERTICAL			HORIZONTAL	
		Depth	Bearing	Dip	From	Dist	D.Sin. Dip	R.L.	D.Cos. Dip	Prog. Total
PURPOSE	To test mineralisation beneath hole M.L. 41	0m	44°47' 19"	-55°	0 - 25.25	25.25	20.7	2379.8	14.5	14.5
		50.5m	* 355°	-52°45'	- 74.5	49.25	39.2	2340.6	29.8	44.3
		98.5m	* 36°	-50°	- 120.25	45.75	35.0	2305.6	29.4	73.7
LOCATION	Mt Lindsay, Tasmania	142.0m	39°	-50°	- 163.5	43.25	33.1	2272.5	27.8	101.5
		185.0m	38°	-50°	- 207.5	44.0	33.7	2238.8	28.3	129.8
COLLAR R.L.	2400.5m	230.0m	39°	-49°	- 248.25	40.75	30.5	2208.3	27.0	156.8
		266.5m	41°	-48°30'	- 281.5	33.25	24.9	2183.4	22.0	178.8
CO-ORDINATES	31480.4mN 11281.1mE	296.5m	* 31½°	-48°30'	- 317.5	36.0	27.0	2156.4	23.9	202.7
		338.5m	* 38°	-49°15'	- 358.0	40.5	30.7	2125.7	26.5	229.2
LENGTH	574.2m	377.5m	* 36°	-49°15'	- 400.0	42.0	31.8	2093.9	27.4	256.6
		422.5m	* 30°	-50°	- 443.5	43.5	33.3	2060.6	28.0	284.6
HOLE SIZE	P 0 - 3.0m Nq 21.0 - 108.0m Hq 3.0 - 21.0m Bq 108.0 - 574.2m	464.5m	* 25°	-49°45'	- 479.5	36.0	27.5	2033.1	23.3	307.9
		494.5m	40°	-49°45'	- 507.0	27.5	21.0	2012.1	17.8	325.7
DATE DRILLED	7.3.78 to 20.3.78	519.5m	* 45°	-49°30'	- 542.5	35.5	27.0	1985.1	23.1	348.8
		565.5m	34°	-49°45'	- 574.2	31.7	24.2	1960.9	20.5	369.3
SIGNIFICANT CORE LOSS ZONES										
				* Magnetic or casing effects						
ORE ZONE GROUND CONDITIONS										
LOGGED BY	R.R. SCHELLEKENS									
COMMENTS	Minor water at 250m (approximately) Core very broken below the No. 2 Carbonate intersection									

SUMMARY - ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m)	AVERAGE WEIGHTED ASSAYS											B.C.A.
				Sn.	Acid Sol. Sn.	Cu.	As.	Fe.	Pb.	Zn.	Bi.	WO ₃	Ag g/t		
No 2 Carbonate	443.3	448.3	5.0	0.12	0.078	<0.05	<0.10	24.7	0.004	0.014	0.005	<0.01	3	40 - 45°	
	451.3	459.3	8.0	0.12	0.078	<0.05	<0.10		0.004	0.013	0.005	<0.01	2	40 - 45°	
	467.3	478.3	11.0	0.15	0.081	<0.05	<0.10	27.5	0.005	0.012	0.009	<0.01	6	45°	

