

MT. BISCHOFF JOINT VENTUREDIAMOND DRILL LOG

Hole Number : MBD 50

Location : 1960.16N 990.18E

Elevation : 644.06

Dip : 50°

Azimuth : 360° grid

Total Depth : 42.3 m

Surveys : Eastman every 20 m

Commenced : 9.1.81 Completed: 10.1.81

Logged by : A. Jannink

Drilling Contractor : Longyear Australia Pty. Ltd.

DEPTH  
(length  
from collar)

INTERVAL	DEPTH from - to : ROCK UNIT Depth: Description and notes, veins over 50mm. INDENTED ABOUT 10mm	CAPITAL LETTERS, UNDERLINED	PUNTER S CODE	GRAPHIC LOG	PUNTER R CODE	MINERALISATION Excluding veins over 50mm. Visual estimate of % mineralisation in brackets.	ASSAYS AVAILABLE	BULKED ASSAYS Sn
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NOTES:

- FOR ABBREVIATIONS SEE "FIELD GEOLOGIST'S MANUAL", D.A. BERKMAN & W.R. RYALL (ED.), MONOGRAPH NO. 9 AUSTRALAS. INST. MIN. METALL. - 1976
- ATTITUDE OF BEDDING, VEIN, ETC IS ANGLE BETWEEN PLANAR STRUCTURE AND LONG AXIS OF CORE
- LENGTH IS GIVEN AS METRES OR MILLIMETRES

0-1.0	TRICONE - No Core							
1.0-9.25 (8.25)	DOLOMITE Pale grey unaltered with 20-30% Recrystallised Dolomite DSL patches at: 7.3-7.4, 7.5-7.7, 7.8-7.9, 8.2-8.3, 9.0-9.1			2		2-3% po>py, disseminated and blebs in DSL's 6.2-80mm shear/fault zone		
9.25-10.6	DOLOMITE SULPHIDE LODGE Serp/Talc/Carbonate			7/6/8		5% po disseminated		
10.6-11.6	DOLOMITE with 25% patches of DSL			2		<1% po in DSL blebs		
11.6-13.4	SILTSTONE minor QUARTZITE Contact 550 Contact 650			10		2-5% disseminated, along bedding 2-5% po in DSL patches 16.0-16.1 shear zone		
13.4-23.4 (10.0)	DOLOMITE Pale grey, fairly massive, bedded in places DSL patches at: 13.4-13.45, 13.5-13.8, 14.2-14.3, 15.1-15.2, 21.8-22.2 Bedding 60°			2		23.1-23.4 Shear zone		
23.4-38.0 (14.6)	DOLOMITE SULPHIDE LODGE 23.4-31.7: 70% talc 30% pyrrhotite, slightly banded 31.7-38.0: 60% talc 40% pyrrhotite, less banded Banding 50° Rare patches of carbonate present			6/4		30% po banded, blotchy and coarsely disseminated 40% po with <1% py trace cp blotchy and coarsely disseminated		
38.0-42.3 (4.3)	SILTSTONE minor QUARTZITE Pale to medium grey, poorly bedded, disrupted 38.0-38.7 Transition zone with 20% serpentinite 20% carbonate			10/ 11		<1% py>po in stringers and veins Bedding 45°		
	END OF HOLE 42.3							

5 cm

832012

012

FOR LEGEND  
SEE DRAWING  
NO.



**METALS  
EXPLORATION  
LIMITED**

**SUMMARY  
DRILL LOG**  
Scale

Prospect or project  
**MT BISCHOFF TIN**

HOLE No. MBD 50  
LOG SHEET OF

SAMPLE NO.	SAMPLE NO	FROM	TO	INTER-VAL	Sn	Sn	Cu	Pb	Zn	Ag	W	Au	Check Sn	Bulked Assays
SPLIT CORE	GROUND CORE	m	m	m	SPLIT	GROUND								
98400		1.0	2.0	1.0	440									
01		2.0	3.0	"	95									
2		3.0	4.0	"	85									
3		4.0	5.0	"	36									
4		5.0	6.0	"	220									
5		6.0	7.0	"	65									
6		7.0	8.0	"	26									
7		8.0	9.25	1.25	44									
8		9.25	10.6	1.35	28									
9		10.6	11.6	1.0	210									
410		11.6	12.6	"	140									
11		12.6	13.4	0.8	90									
12		13.4	14.4	1.0	16									
13		14.4	15.4	"	38									
14		15.4	16.4	"	400									
15		16.4	17.4	"	10									
16		17.4	18.4	"	32									
17		18.4	19.4	"	10									
18		19.4	20.4	"	4									
19		20.4	21.4	"	540									
420		21.4	22.4	"	130									
21		22.4	23.4	"	5400									
22		23.4	24.4	"	1.199%	Yet to re-confirmed								
23		24.4	25.4	"	210									
24		25.4	26.4	"	740									
25		26.4	27.4	"	4850									
26		27.4	28.4	"	1.76%	Yet to re confirmed								
27		28.4	29.4	"	1.129%	"	"							
28		29.4	30.4	"	1800									
98429		30.4	31.4	"	1.25%	"	"							

Notes: - Sn by XRF Bi Method.

METALS EXPLORATION LTD - MT BISCHOFF TIN PROSPECT  
 ASSAY SUMMARY SHEET HOLE NO. MBD 50  
 SAMPLE TYPE : DRILL CORE FROM 1.0 TO 31.4



REPORT No.

832015

**METALS EXPLORATION LTD.**  
& SUBSIDIARY COMPANIES



MINERAL EXPLORATION  
**DIAMOND DRILL LOG**

Prospect, area, project or mine. <u>MT. BISCHOFF</u>		<b>HOLE No. <u>MED 50</u></b>
<b>COLLAR LOCATION</b>		W.C. Bearing from collar <u>330°</u> magnetic <u>360°</u> grid (1) grid (2) grid (3) <u>342° 26'</u> true.
Grid name _____ Rectangular space co-ordinates		
PLANAR CO-ORDINATES		
ELEVATION		
(1) <u>M3JV</u> _____ <u>1960.16</u> N _____ <u>990.18</u> E _____ <u>644.06</u>	(2) _____ N _____ E _____	Inclination at collar <u>50°</u>
(3) Aust. Map Grid _____ mE _____ mN _____ mAHD.		
PRECISE / APPROX.		
1:250 000 Sheet No. <u>BURNIE SK 55-3</u>	1:100 000 Sheet No. <u>HELLYER 8015</u>	State <u>TASMANIA</u>
Mineral Tenement <u>EL 13/79</u> Holder <u>METALS EXPLORATION LTD</u>		Total length <u>42.3</u>
Cadastral location and details _____		Commenced: <u>9 / 1 / 81</u>
CROWN LAND / PRIVATE _____		Completed: <u>10 / 1 / 81</u>
Details of down hole location-survey methods. <u>Eastman every 20m</u>	Purpose of drilling and anticipated lengths to targets. <u>To obtain DSL core for metallurgical testing and to test continuity of rock types and grades between closely spaced holes</u> <u>DSL target: 20-35</u>	
Results of down hole location-survey.		Drilling contractor <u>LONGYEAR AUSTR. PTY LTD</u>
LENGTH FROM COLLAR	W.C. BEARING type Magnetic	DIP
<u>20.8</u>	<u>327° 30'</u>	<u>50°</u>
<u>41.8</u>	<u>330° 30'</u>	<u>50°</u>
Comments on drilling.		Rig type <u>HC 150</u>
Legend for graphic log column (see drill log for Hole No. _____)		Core size and non-coring (NC)
'DERWENT' PENCIL No. _____		<u>TRICONE 0 TO 1.0</u>
FIELD ROCK NAME, ETC _____		<u>HQ 1.0 TO 42.3</u>
LOGGED BY <u>A JANKIN</u>		TO _____
FROM <u>0</u> TO <u>42.3</u>		TO _____
DATE <u>11.1.81</u>		TO _____
LOGGED BY _____		TO _____
FROM _____ TO _____		TO _____
DATE _____		TO _____
LOGGED BY _____		TO _____
FROM _____ TO _____		TO _____
DATE _____		TO _____
Company managing exploration programme. <u>METALS EXPLORATION LTD</u>		Symbols and abbreviations for drilling notes column.
		<b>HOLE No. <u>MED 50</u></b>
		Log sheet 1 of <u>3</u>