832516 505

METALS EXPLORATION LTD. & SUBSIDIARY COMPANIES

MINERAL EXPLORATION
DIAMOND DRILL LOG

Prospect, area, project or mine: MT. BISCHOFF TIN

HOLE No. MBD 107

COLLAR LOCATION

	Grid name	Rectangular space co-ordinates PLANAR CO-ORDINATES		ELEVATION
(1)		1950.18 N	1020.03 E	643.67
(2)		N	E	
(3) Aust. Map Grid PRECISE / APPROX.		mE	mN	m A.H.D.

Magnetic bearing of true and grid norths at collar (* = observed)

G.N.(1) _____ mag
G.N.(2) _____ mag
G.N.(3) _____ mag
T.N. _____ mag

1:250 000 Sheet No. SK55-3
1:100 000 Sheet No. 8015
State Tasmania

Mineral Tenement: E.L. 13/79
Holder: Metals Exploration Ltd.

Cadastral location and details: Mt. Bischoff mine area, on crown land northerly of Waratah.

Inclination at collar 80°/360°
Total length 65 m
Commenced: 9 / 9 / 81
Completed: 11 / 9 / 81

Drilling contractor: PARRY EXPL. DRILLING
Rig type: BOYLES 37

Core size and non-coring (NC)

TRICONE	0	TO	3.0
NQ	3.0	TO	65.0
		TO	
		TO	
		TO	
		TO	

Details of down hole location-survey methods:
Eastman Single Shot Camera

Purpose of drilling and anticipated lengths to targets:
To test DSL and possibly close off ore-block.

Comments on drilling.

Results of down hole location-survey.

LENGTH FROM COLLAR	MAGNETIC BEARING (Whole Circle)	DIP
AT COLLAR		

Legend for graphic log column

FIELD ROCK NAME, ETC.

1	Porphyry.
2	Dolomite
3	Recrystallised dolomite
4	Dolomite sulphide lode - pyrrhotite rich.
5	Dolomite sulphide lode - pyrite rich.
6	Dolomite sulphide lode - talc rich.
7	Dolomite sulphide lode - serpentinite rich.
8	Dolomite sulphide lode - quartz/carbonate rich.
9 / c	Shale / carbonaceous.
10	Siltstone.
11 / s	Quartzite / sandstone.
12	Tuff.

Symbols and abbreviations

LOGGED BY D. COMPSTON FROM 0 TO 65.0 DATE 25/9/81
LOGGED BY _____ FROM _____ TO _____ DATE _____
LOGGED BY _____ FROM _____ TO _____ DATE _____

Company managing exploration programme.
Metals Exploration Ltd.

SUMMARY LOG

HOLE No. MBD 107
Log sheet 1 of 2

832517 506

DEPTH (length from collar)	INTERVAL	DEPTH from - to : ROCK UNIT (CAPITAL LETTERS, UNDERLINED) Depth : Description and notes (INDENTED ABOUT 10mm)	POINTER & CODE	GRAPHIC LOG	POINTER & CODE	MINERALISATION	ASSAYS AVAILABLE	BULKED ASSAYS Ni
0	3.0	0 - 3.0: TRICONE. Not cored.						
	4.4	3.0 - 7.4: DOLOMITE, DOLOMITE SULPHIDE LODE? Fragments of dolomite, DSL. Also pyritic sludge.		2/8/5		2-5% py		
	10.3	7.4 - 17.7: DOLOMITE, minor RECRYSTALLIZED DOLOMITE minor DOLOMITE SULPHIDE LODE. Mainly finely crystalline grey dolomite. Minor patches of recrystallized dolomite and qtz-carbonate dolomite sulphide lode.		2/3/8		2-3% po, py - disseminated through patches of dolomite sulphide lode.		
20	39.8	17.7 - 57.5: DOLOMITE SULPHIDE LODE. 17.7 - 26.5: 40% po 45% qtz-carbonate 10% talc 5% serpentine graduated change to		8/4/6/7		40% po - irregular aggregates and coarsely disseminated. Minor py after po, trace cpy		
		26.5 - 30.6: 70% po 25% serpentine 5% talc gradual change to		4/7		70% coarsely disseminated and occasional aggregates		
		30.6 - 42.9: 50% po 45% siliceous talc 5% calcite - coarsely disseminated		4/6		50% po - coarsely disseminated and occasional aggregates. Trace fine cpy finely disseminated		
40		42.9 - 44.1: 50% po, 45% qtz-carb, 5% talc		4/8		50% coarsely disseminated po		
		44.1 - 49.7: Broken gravelly core, 50% talc, 45% po, 5% qtz-carbonate		6/4		45% disseminated po		
		49.7 - 56.3: 35% po 30% serpentine 30% qtz-carbonate 5% talc		4/7/8		35% disseminated po		
		56.3 - 57.5: 60% qtz-carb, 25% serpentine, 15% po		8/4/7		15% disseminated po		
60	7.5	57.5 - 65.0: QUARTZITE, lesser SILTSTONE. 57.5 - 58.2: transition zone, serpentinous siltstone 58.2 - 65.0: thick qtzite beds with lesser thinner siltstone. Occasional carbonate veins.		11/		trace po, py - po disseminated py veins		
		END OF HOLE: 65 m.						

NOTES: 1. FOR ABBREVIATIONS SEE "FIELD GEOLOGIST'S MANUAL", D.A. BERKMAN & W.R. RYALL (ED.), MONOGRAPH NO. 9 - AUSTRALAS. INST. MIN. METALL. - 1976
2. ATTITUDE OF BEDDING, VEIN, ETC. IS ANGLE BETWEEN PLANAR STRUCTURE AND LONG AXIS OF CORE 3. LENGTH IS GIVEN AS METRES OR MILLIMETRES.

5 cm

FOR LEGEND SEE DRAWING NO.

METALS EXPLORATION LIMITED

SUMMARY DRILL LOG Scale

Prospect or project: MT. BISCHOFF

HOLE No. MBD 107

LOG SHEET 2 OF 2

SAMPLE NO.	SAMPLE NO	FROM	TO	INTERVAL	Sn	Sn	Cu	Pb	Zn		W	Au	Check Sn	Bulked Assays
SPLIT CORE	GROUND CORE	m	m	m	SPLIT	GROUND								
	126275	7.2	9.2	2.0		1750								
	76	9.2	11.0	1.8		1.05%								
126790		11.0	12.0	1.0	140									
91		12.0	13.0	"	210									
92		13.0	14.0	"	500									
93		14.0	15.0	"	240									
94		15.0	16.0	"	1650									
95		16.0	17.0	"	60									
96		17.0	18.0	"	200									
97		18.0	19.0	"	110									
98		19.0	20.0	"	20									
99		20.0	21.0	"	85									
130000		21.0	22.0	"	1400									
01		22.0	23.0	"	26									
02		23.0	24.0	"	12									
03		24.0	25.0	"	10									
04		25.0	26.0	"	10									
05		26.0	27.0	"	X									
06		27.0	28.0	"	6									
07		28.0	29.0	"	14									
08		29.0	30.0	"	8									
09		30.0	31.0	"	14									
010		31.0	32.0	"	18									
11		32.0	33.0	"	40									
12		33.0	34.0	"	22									
13		34.0	35.0	"	20									
14		35.0	36.0	"	12									
15		36.0	37.0	"	14									
16		37.0	38.0	"	16									
17		38.0	39.0	"	16									

Notes :— XRF 61 method

X = 44

METALS EXPLORATION LTD - MT BISCHOFF TIN PROSPECT

ASSAY SUMMARY SHEET HOLE NO. MBD 107

SAMPLE TYPE : DRILL CORE (brand) FROM 7.2 TO 39.0

SAMPLE NO.	SAMPLE NO	FROM	TO	INTERVAL	Sn	Sn	Cu	Pb	Zn	Ag	W	Au	Check Sn	Bulked Assays
SPLIT CORE	GROUND CORE	m	m	m	SPLIT	GROUND								
130018		39.0	40.0	1.0	26									
19		40.0	41.0	"	16									
020		41.0	42.0	"	26									
21		42.0	43.0	"	12									
22		43.0	44.0	"	26									
23		44.0	45.0	"	18									
24		45.0	46.0	"	16									
25		46.0	47.0	"	30									
26		47.0	48.0	"	34									
27		48.0	49.0	"	160									
28		49.0	50.0	"	120									
29		50.0	51.0	"	18									
030		51.0	52.0	"	20									
31		52.0	53.0	"	20									
32		53.0	54.0	"	8									
33		54.0	55.0	"	X									
34		55.0	56.0	"	12									
35		56.0	57.0	"	16									
36		57.0	57.5	0.5	8									
37		57.5	58.5	1.0	60									
	126277	58.5	60.5	2.0		210								
	78	60.5	62.5			65								
	79	62.5	65.0	2.5		50								

Notes :— XRF BI method

X = 44

METALS EXPLORATION LTD - MT BISCHOFF TIN PROSPECT

ASSAY SUMMARY SHEET HOLE NO. MBD 107

SAMPLE TYPE : DRILL CORE FROM 39.0 TO 65.0

8325519

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