832388 378

METALS EXPLORATION LTD.
& SUBSIDIARY COMPANIES

MINERAL EXPLORATION
DIAMOND DRILL LOG

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

HOLE No. MBD 100

COLLAR LOCATION

Grid name	Rectangular space co-ordinates PLANAR CO-ORDINATES		ELEVATION
(1)	1927.39 N	979.95 E	643.63
(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: -50°
Total length: 61.5
Commenced: 22 / 7 / 81
Completed: 24 / 7 / 81
Drilling contractor: PARRY EXPL. DRILLING
Rig type: BOYLES 37

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

Purpose of drilling and anticipated lengths to targets:
To test ore variability of talc-po DSL in Greisen Face area.

Core size and non-coring (NC)

TRICONE	0	TO	1.5
HQ	1.5	TO	61.5
		TO	
		TO	
		TO	
		TO	

Results of down hole location-survey.

LENGTH FROM COLLAR	MAGNETIC BEARING (Whole Circle)	DIP
AT COLLAR		
22 m	329°	50°
61.5 m	322°	50.25°

Comments on drilling.

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 61.5 DATE 4/9/81
LOGGED BY _____ FROM _____ TO _____ DATE _____
LOGGED BY _____ FROM _____ TO _____ DATE _____

Company managing exploration programme.
Metals Exploration Ltd.

SUMMARY LOG

HOLE No. MBD 100
Log sheet 1 of 2

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	1.5	0 - 1.5: NOT CORED.						
	2.6	1.5 - 4.1: WEATHERED. Very poor recovery.						
	10.9	4.1 - 15.0: DOLOMITE. Finely crystalline grey or yellowish dolomite. Rare veins of py Occasional qtz veins.		2		py > sph TRACE py in veins and stringers sph disseminated through qtz-carbonate veins.		
	5.7	15.0 - 20.7: DOLOMITE SULPHIDE LODE. Banded "wrigglite" at contacts - mainly massive rock-abundant blotches of fine qtz-carbonate.				TRACE sph, py sph - trace disseminated py-minor veins and disseminated.		
20	20.3	20.7 - 41.0: DOLOMITE, minor RECRYSTALLIZED DOLOMITE. Mainly finely crystalline grey dolomite, with irregular veins and patches of qtz-carbonate alteration.		2/3		trace po, sph as irregular veins and disseminated through qtz-carbonate.		
40	16.5	41.0 - 56.5: DOLOMITE SULPHIDE LODE. 41.0-44.3: 50% talc 20% po 30% qtz-carbonate 44.3-56.5: 60% po 30% talc 10% qtz-carbonate		6/4/8 4/6/8		41.0-44.3: 20% po - irregularly disseminated. 44.3-56.5: 60% po - weakly banded in parts. Varies from 40% to almost massive. Trace arsenopy, cpy		
60	5.0	56.5 - 61.5: SILTSTONE. Strongly disrupted pale grey siliceous siltstone. Occasional veins of carbonate, py or po		10		Trace po, py in veins and stringers, minor disseminated po.		
		END OF HOLE: 61.5 m.						

5 cm

FOR LEGEND SEE DRAWING NO.

METALS EXPLORATION LIMITED

SUMMARY DRILL LOG

Prospect or project

HOLE No. MBD 100

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

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								
	126212	4.1	6.1	2.0		260								
	13	6.1	8.1	"		30								
	14	8.1	10.1	"		X								
	15	10.1	12.1	"		X								
	16	12.1	13.2	1.1		35								
126373		13.2	14.0	0.8										
74		14.0	15.0	1.0										
75		15.0	16.0	"										
76		16.0	17.0	"										
77		17.0	18.0	"										
78		18.0	19.0	"										
79		19.0	20.0	"										
380		20.0	20.7	0.7										
81		20.7	21.7	1.0										
	126217	21.7	23.7	2.0		40								
	18	23.7	25.7	"		X								
	19	25.7	27.7	"		310								
	220	27.7	29.7	"		470								
	21	29.7	31.7	"		85								
	22	31.7	33.7	"		120								
	23	33.7	35.7	"		25								
	24	35.7	37.7	"		70								
126400		37.7	38.7	1.0										
01		38.7	39.7	"										
02		39.7	41.0	1.3										
03		41.0	42.0	1.0										
04		42.0	43.0	"										
05		43.0	44.0	"										
06		44.0	45.0	"										
07		45.0	45.7	0.7										

Notes :— XRF 214 method

X = 24

METALS EXPLORATION LTD - MT BISCHOFF TIN PROSPECT

ASSAY SUMMARY SHEET HOLE NO. MBD 100

SAMPLE TYPE : DRILL CORE FROM 4.1 TO 45.7

66 mm split

832390

380

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								
126408		45.7	46.7	1.0										
09		46.7	47.7	"										
410		47.7	48.7	"										
11		48.7	49.7	"										
12		49.7	50.7	"										
13		50.7	51.7	"										
14		51.7	52.7	"										
15		52.7	53.7	"										
16		53.7	54.7	"										
17		54.7	55.7	"										
18		55.7	56.5	0.8										
19		56.5	57.5	1.0										

Notes :—

METALS EXPLORATION LTD - MT BISCHOFF TIN PROSPECT

ASSAY SUMMARY SHEET HOLE NO. MBD 100

SAMPLE TYPE : DRILL CORE FROM 45.7 TO 57.5

832391

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