METALS EXPLORATION LTD.
& SUBSIDIARY COMPANIES

MINERAL EXPLORATION
DIAMOND DRILL LOG

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

HOLE No. MBD 92

COLLAR LOCATION

	Grid name	Rectangular space co-ordinates PLANAR CO-ORDINATES		ELEVATION
(1)		1939.4 N	971.45 E	643.94
(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 66.4
Commenced: 23 / 6 / 81
Completed: 24 / 6 / 81
Drilling contractor: LONGYEAR AUST. P/L
Rig type: LONGYEAR 44

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

Purpose of drilling and anticipated lengths to targets.
To test ore variability in the Greisen Flat area, in talc-pyrrhotite DSL.

Core size and non-coring (NC)

TRICONE	0	TO	6.0
NQ	6.0	TO	66.4
		TO	
		TO	
		TO	
		TO	

Results of down hole location-survey.

LENGTH FROM COLLAR	MAGNETIC BEARING (Whole Circle)	DIP
AT COLLAR	330°	50°
61 m	323°	50½°

Comments on drilling. Core frequently broken and ground during drilling every 15-30 cm in ore zone.

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	LOGGED BY	LOGGED BY
FROM 0 TO 66.4	FROM TO	FROM TO
DATE 24/6/81	DATE	DATE

Company managing exploration programme.
Metals Exploration Ltd.

SUMMARY LOG

HOLE No. MBD 92
Log sheet 1 of 2

832327 318

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	6.0	0 - 6.0: TRICONE. No Core.						
	20.4	6.0 - 26.4: DOLOMITE, minor RECRYSTALLIZED DOLOMITE. Mainly pale grey dolomite, with minor veins and small patches of recrystallized dolomite, commonly with fluorite and/or qtz. Minor small patches and veins of DSL occur below 20.0 m.		2/3		py, sph, po~ 1% minor py and po in veins and stringers, and disseminated through sph - disseminated through carbonate veins.		
20	27.5	26.4 - 53.9: DOLOMITE SULPHIDE LODE. 26.4 - 38.8: 40% bronze po - weakly banded, up to 80% in parts. 40% qtz - carbonate - blotchy texture. 20% talc.		4/8		40% po >> py		
40		38.8 - 52.6: 65% bronze po - weakly banded, almost massive in parts. 30% mid green talc. 5% qtz-carbonate - irregular distribution.		4/6		65% po >>> cpy po - weakly banded, almost massive in parts. cpy - trace, finely disseminated through po.		
		52.6 - 53.9: 80% dark green serpentine. 15% qtz - carbonate. 15% sulphide - py, po						
60	12.5	53.9 - 66.4: SILTSTONE. Strongly disrupted in most parts. Even grained light grey, siliceous siltstone. Occasional veins of qtz, carbonate, py and/or po. Common disseminated blobs of po to 58.0 m.		10		po, py, sph po - veins and disseminated blobs. py - veins and stringers. sph - disseminated through carbonate veins.		
		END OF HOLE 66.4 m.						
80								
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.

5 cm

FOR LEGEND SEE DRAWING NO.

METALS EXPLORATION LIMITED

SUMMARY DRILL LOG Scale

Prospect or project: Mt. Bischoff Tin

HOLE No. MBD 92

LOG SHEET 2 OF 2