832129124

REPORT No.

METALS EXPLORATION LTD.
& SUBSIDIARY COMPANIES

MINERAL EXPLORATION
DIAMOND DRILL LOG

Prospect, area, project or mine. MOUNT BISCHOFF

HOLE No. MBD.62

COLLAR LOCATION

Grid name — Rectangular space co-ordinates

	PLANAR CO-ORDINATES		ELEVATION
(1)	N	E	
(2)	N	E	
(3) Aust. Map Grid PRECISE / APPROX.	mE	mN	mA.H.D.

1:250 000 Sheet No. BURNIE SK55-3

1:100 000 Sheet No. HELLYER 8015

State TASMANIA

Mineral Tenement EL 13/79

Holder METALS EXPLORATION LTD.

Cadastral location and details

CROWN LAND / PRIVATE

W.C. Bearing from collar

- magnetic
- grid (1)
- grid (2)
- grid (3)
- true

Inclination at collar 50°

Total length 120.0m

Commenced: 24 / 3 / 81

Completed: 27 / 3 / 81

Drilling contractor: LONGYEAR AUST PTY. LTD.

Rig type: LONGYEAR HC 150

Core size and non-coring (NC)

TRICONE	0 TO	3.5m
NQ	3.5 TO	120.0m
	TO	
	TO	
	TO	
	TO	

Details of down hole location-survey methods.

EASTMAN Single shot camera

Purpose of drilling and anticipated lengths to targets.

Investigation of magnetic and EM anomalies.

Results of down hole location-survey.

LENGTH FROM COLLAR	W.C. BEARING type.....	DIP
30m	354°	51°
60m	002°	51°
90m	358	51° 30'
120m	357	52°

Comments on drilling.

Legend for graphic log column (see drill log for Hole No. _____)

'DERWENT' PENCIL No.		FIELD ROCK NAME, ETC.

Symbols and abbreviations for drilling notes column.

LOGGED BY D. COMPSTON	LOGGED BY	LOGGED BY
FROM 0 TO 120.0m	FROM TO	FROM TO
DATE 29/3/81	DATE	DATE

Company managing exploration programme.

METALS EXPLORATION LTD.

HOLE No. MBD-62

Log sheet 1 of 2

832130 125

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

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

0

(3.5m) 0–3.5m TRICONE DRILLING - NO CORE

(104.9m) 3.5-108.4m BASALT

3.5-26.7: Fine grained, dark grey basalt, vesicular in parts. Weakly magnetic. Vesicles filled with zeolites and prehnite. Common clino-pyroxene (?augito) phenocrysts to 1mm in matrix of plag-cpx.

No apparent sulphides

20

26.7-31.1: Fine grained, pinkish maroon basalt, vesicular in parts. Cpx phenocrysts

31.1-42.9: Fine grained, dark grey vasalt, vesicular in parts. Occasional cpx phenocrysts.

40

42.9-49.5: Maroon basalt, fine-grained and vesicular in parts. Common cpx phenocrysts.

49.5-72.8: Coarse grained basalt - plag lathes up to 3mm, cpx phenocrysts rare. Vesicular in parts.

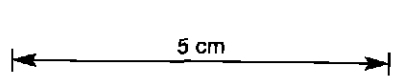
60

72.8-94.8: Fine grained, dark grey basalt, vesicular in parts. No apparent phenocrysts.

80

94.8-108.4: Fine grained dark grey basalt, vesicular in parts. Very abundant (10%) clino-pyroxene phenocrysts.

110



(11.6m) 108.4-120.0m TUFFACEOUS QUARTZITE, SILTSTONE and CARBONACEOUS SHALE

Strongly disrupted and sheared-fragments of silt-stone, quartzite and soft greenish white clay in matrix of foliated black, carbonaceous shale. Common carbonate veins and stringers parallel to the foliation (~45° to core axis)

12/ 11/ 10/9/ c

No apparent sulphides

120

END OF HOLE 120.0m

FOR LEGEND SEE DRAWING NO.

METALS EXPLORATION

SUMMARY DRILL LOG

Prospect or project: MT RISCHOFF TIN

HOLE No. MBD 62