832451 441

METALS EXPLORATION LTD. & SUBSIDIARY COMPANIES

MINERAL EXPLORATION
DIAMOND DRILL LOG

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

HOLE No. MBD 40EX

COLLAR LOCATION

Grid name

Rectangular space co-ordinates

	PLANAR CO-ORDINATES			ELEVATION
(1)	2170.50 N	1419.99 E		702.37
(2)	N	E		
(3) Aust. Map Grid (PRECISE / APPROX.)	mE	mN		mA.H.D.

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

G.N.(1) 150° 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

Total length 30.1 m

Commenced: 20 / 8 / 81

Completed: 25 / 8 / 81

Drilling contractor: PARRY EXPLORATION DRILLING

Rig type: ROYLES 37

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

Purpose of drilling and anticipated lengths to targets: To delineate Stanhope Dyke porphyry - estimated target 120.0 - 130.0 m.

Core size and non-coring (NC)

BQ	115.4	TO 145.5
		TO
		TO
		TO
		TO
		TO

Results of down hole location-survey.

LENGTH FROM COLLAR	MAGNETIC BEARING (Whole Circle)	DIP
AT COLLAR		
143.5	148°	62°

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. CONSTABLE | LOGGED BY | LOGGED BY

SUMMARY LOG

HOLE NO MBD 40 EX

DEPTH (Length from collar)	INTERVAL	DEPTH from - to ROCK UNIT (CAPITAL LETTERS, UNDERLINED) Depth Description and notes (metres about 10mm)	POINTER & CODE	GRAPHIC LOG	POINTER & CODE	MINERALISATION	ASSAYS AVAILABLE	BULKED ASSAYS Ni

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.

]15.4	0 -]15.4: See previous log (MBD 40).					
]7.3	]15.4 -]32.7: SILTSTONE, QUARTZITE. Moderately disrupted in parts. Fine siliceous siltstones in beds]-]0 mm thick with interbedded fine qtzite.]24.3 -]32.7: Thinly interbedded qtzite and siltstone. Weakly developed, upward facing graded bedding.		]0/11	45°	trace py in thin veins and stringers.	
4.]	]32.7 -]36.8: PORPHYRY. Altered slightly translucent matrix 2-3% qtz pheno finely disseminated py - up to 30% locally.		]		]0% finely disseminated py. Varies from 2-30% locally.	
5.]	]36.8 -]4].9: QUARTZITE, lesser SILTSTONE. Thin qtzite beds up to 0.5, with lesser thin siliceous siltstone. Weakly disrupted in parts.		11/]0	60°	Trace py in veins and stringers.	
3.6	]4].9 -]45.5: SILTSTONE, QUARTZITE. Thinly interbedded qtzite and siltstone, weakly disrupted.		]0/11		Trace py in rare stringers.	
	END OF HOLE:]45.5 m.					

5 cm

FOR LEGEND SEE DRAWING NO.

METALS EXPLORATION LIMITED

SUMMARY DRILL LOG

Prospect or project

HOLE No. MBD 40 EX

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								
	126233	115.4	117.4	2.0		140								
	34	117.4	119.4	"		230								
	35	119.4	121.4	"		370								
	36	121.4	123.4	"		85								
	37	123.4	125.4	"		75								
	38	125.4	127.4	"		290								
	39	127.4	129.4	"		65								
	240	129.4	132.5	3.1		65								
	126241	137.8	139.8	2.0		220								
	42	139.8	141.8	"		220								
	43	141.8	143.8	"		80								
	44	143.8	145.5	1.7		50								

Notes :—

METALS EXPLORATION LTD - MT BISCHOFF TIN PROSPECT

ASSAY SUMMARY SHEET HOLE NO. MBD 40 EXTN

SAMPLE TYPE : DRILL CORE FROM TO

Ground

8324533

443

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								
126583		132.0	133.0	1.0	140									
84		133.0	134.0	1.0	110									
85		134.0	135.0	1.0	120									
126586		136.0	137.0	1.0	85									
87		137.0	137.7	0.7	160									

Notes :— XRF DH1 Method

METALS EXPLORATION LTD - MT BISCHOFF TIN PROSPECT

ASSAY SUMMARY SHEET HOLE NO. M6D 40 EXTN.

SAMPLE TYPE : DRILL CORE FROM 132.0 TO 137.7

1/2 Split

8324544