

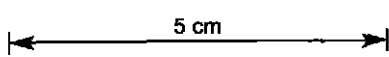
METALS EXPLORATION LTD.
& SUBSIDIARY COMPANIES



MINERAL EXPLORATION
DIAMOND DRILL LOG

Prospect, area, project or mine. MT. BISCHOFF TIN		HOLE No. <u>MBD 96</u>
COLLAR LOCATION		Magnetic bearing of true and grid norths at collar (# = observed)
Grid name	Rectangular space co-ordinates	
PLANAR CO-ORDINATES		
(1) _____	1952.79 N _____ E _____	ELEVATION _____
(2) _____	_____ N _____ E _____	G.N.(1) _____ mag
(3) Aust. Map Grid	_____ mE _____ mN _____ m A.H.D.	G.N.(2) _____ mag
PRECISE / APPROX.		G.N.(3) _____ mag
1: 250 000 Sheet No. SK 55-3	1: 100 000 Sheet No. 8015	State Tasmania
Mineral Tenement <u>E.L. 13/79</u> Holder <u>Metals Exploration Ltd.</u>		Inclination at collar <u>-50°</u>
Cadastral location and details <u>Mt. Bischoff mine area, on crown land northerly of Waratah.</u>		Total length <u>58.5 m</u>
Details of down hole location - survey methods.		Commenced: <u>8 / 7 / 81</u>
Eastman Single Shot		Completed: <u>14 / 7 / 81</u>
Camera		Drilling contractor <u>PARRY EXPL. DRILLING</u>
Purpose of drilling and anticipated lengths to targets.		Rig type <u>BOYLES 37</u>
Part of close spaced drilling program to test ore variability in talc-po DSL.		Core size and non-coring (NC)
Results of down hole location - survey.		TRICONE <u>0</u> TO <u>1.5</u>
LENGTH FROM COLLAR	MAGNETIC BEARING (Whole Circle)	HQ <u>1.5</u> TO <u>58.5</u>
DIP	Comments on drilling.	
AT COLLAR	-	_____ TO _____
20 m	3294°	_____ TO _____
58.5	331°	_____ TO _____
EOH		_____ TO _____
		_____ TO _____
Legend for graphic log column		Symbols and abbreviations
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.	
LOGGED BY <u>D. COMSTON</u>	LOGGED BY _____	LOGGED BY _____
FROM <u>0</u> TO <u>58.5</u>	FROM _____ TO _____	FROM _____ TO _____
DATE <u>15/7/81</u>	DATE _____	DATE _____
Company managing exploration programme.		SUMMARY LOG
<u>Metals Exploration Ltd.</u>		HOLE No. <u>MBD 96</u>
		Log sheet 1 of <u>2</u>

DEPTH (length from collar)	INTERVAL	DEPTH from -10 : ROCK UNIT Depth: Description and notes INDENTED ABOUT 10mm	CAPITAL LETTERS, UNDERLINED	POINTER & CODE	GRAPHIC LOG	POINTER & CODE	MINERALISATION	BULKED ASSAYS Ni
	1.5	0 - 1.5: TRICONE. NO CORE.						
	11.0	1.5 - 12.5: DOLOMITE, minor RECRYSTALLIZED DOLOMITE. Mainly fine grey dolomite. Irregular veins and patches of recrystallized dolomite.			2/ 3		1-2% po, py - disseminated through recrystallized dolomite.	
	10.0	12.5 - 22.5: RECRYSTALLIZED DOLOMITE, DOLOMITE, minor DSL. Mottled recrystallized dolomite and grey dolomite. Minor irregular patches of DSL, up to 1.0 m long			3/ 2/ 8		3-5% po, py disseminated through recrystallized dolomite.	
20	3.8	22.5 - 26.3: DOLOMITE SULPHIDE LODE. 55% bronze po, 20% talc, 20% serpentine			4/ 6/ 7		55% po in irregular bands and aggregates.	
	1.2	26.3 - 27.5: DOLOMITE, minor RECRYSTALLIZED DOLOMITE.			2/3		3-5% disseminated po.	
	8.7	27.5 - 36.2: DOLOMITE SULPHIDE LODE. 70% talc 25% bronze pyrrhotite 5% qtz-carbonate, irregularly distributed			6/ 4		25% po - weakly banded. Varies from approx 5% to almost massive.	
	0.6	36.2 - 36.8: DOLOMITE.			2		3-5% po	
40	14.2	36.8 - 51.0: DOLOMITE SULPHIDE LODE. 36.8-42.5: 60% talc 40% pyrrhotite 42.5-51.0: 60% po 20% talc 20% serpentine minor qtz-carbonate in parts.			6/ 4 4/ 6		40% po - disseminated, weakly banded in parts. trace fine cpy 60% po po - weakly banded, almost massive in parts. trace arsenopy, coarsely dissem, and trace fine cpy.	
	7.5	51.0 - 58.5: SILTSTONE, lesser QUARTZITE. 51.0-52.6: po rich transition zone. 52.6-58.5: pale grey siliceous siltstone, with lesser darker qtzite. Moderately disrupted in parts.			10/ 11		po, py po-abundant in transition zone, then minor veins. py-alteration from po, and veins.	
60		END OF HOLE: 58.5 m.						



FOR LEGEND
SEE DRAWING
NO.



**METALS
EXPLORATION**

**SUMMARY
DRILL LOG**

Prospect or project

HOLE No. MBD 96

SAMPLE NO.	SAMPLE NO	FROM	TO	INTER VAL	Sn	Sn	Cu	Pb	Zn	g	W	Au	Check Sn	Bulked Assays
SPLIT CORE	GROUND CORE	m	m	m	SPLIT	GROUND								
	124783	1.5	3.5	2.0		180								
	84	3.5	5.5	"		100								
	85	5.5	7.5	"		520								
	86	7.5	9.5	"		710								
	87	9.5	11.5	"		170								
	88	11.5	13.5	"		160								
	89	13.5	15.5	"		70								
124894		15.5	16.5	1.0	37									
95		16.5	17.7	1.2	50									
96		17.7	18.3	0.6	200									
97		18.3	18.7	0.4	80									
98		18.7	19.5	0.8	410									
99		19.5	19.9	0.4	890									
124900		19.9	20.6	0.7	860									
01		20.6	21.5	0.9	460									
02		21.5	22.2	0.7	490									
03		22.2	22.5	0.3	75									
04		22.5	23.5	1.0	10									
05		23.5	24.5	"	X									
06		24.5	25.5	"	X									
07		25.5	26.3	0.8	X									
08		26.3	27.5	1.2	1900									
09		27.5	28.5	1.0	2900									
910		28.5	29.5	"	1.95%									
11		29.5	30.5	"	1950									
12		30.5	31.5	"	1.85%									
13		31.5	32.5	"	5050									
14		32.5	33.5	"	2750									
15		33.5	34.5	"	300%									
16		34.5	35.5	"	3.10%									

Notes: - XRF 214 method

METALS EXPLORATION LTD - MT BISCHOFF TIN PROSPECT
 ASSAY SUMMARY SHEET HOLE NO. mbd 96
 SAMPLE TYPE : DRILL CORE FROM 1.5 TO 35.5

832375 365