

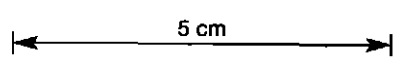


Prospect, area, project or mine: <b>MT. BISCHOFF TIN</b>		HOLE No. <u>MBD 84</u>	
<b>COLLAR LOCATION</b>			
Grid name	Rectangular space co-ordinates		Magnetic bearing of true and grid norths at collar (* = observed)
	PLANAR CO-ORDINATES		ELEVATION
(1) _____	_____ N	_____ E	_____
(2) _____	_____ N	_____ E	_____
(3) Aust. Map Grid	_____ mE	_____ mN	_____ m A.H.D.
PRECISE / APPROX.			
1:250 000 Sheet No. <b>SK55-3</b>	1:100 000 Sheet No. <b>8015</b>	State <b>Tasmania</b>	
Mineral Tenement <u>E.L. 13/79</u>	Holder <u>Metals Exploration Ltd.</u>		
Cadastral location and details <u>Mt. Bischoff mine area, on crown land northerly of Waratah.</u>		Inclination at collar <u>-90°</u>	Total length <u>140 m</u>
Details of down hole location-survey methods.		Purpose of drilling and anticipated lengths to targets.	
<u>Eastman Single Shot</u>		<u>To test the White Face Porphyry between 55 m and 80 m.</u>	
<u>Camera.</u>			
Results of down hole location-survey.		Comments on drilling.	
LENGTH FROM COLLAR	MAGNETIC BEARING (Whole Circle)		
DIP			
AT COLLAR			
29 m	in casing	89°	
59 m	296	89½°	
89 m	316	87½°	
119 m	296	87°	
140 m	296	87°	
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. COMPTON</u>	LOGGED BY _____	LOGGED BY _____	
FROM <u>0</u> TO <u>140.0</u>	FROM _____ TO _____	FROM _____ TO _____	
DATE <u>6/6/81</u>	DATE _____	DATE _____	
Company managing exploration programme. <b>Metals Exploration Ltd.</b>			<b>SUMMARY LOG</b>
			HOLE No. <u>MBD 84</u>
			Log sheet 1 of <u>3</u>

DEPTH (length from collar)	DEPTH from - to : ROCK UNIT CAPITAL LETTERS, UNDERLINED	POINTING B. CORE	GRAPHIC LOG	POINTING B. CORE	MINERALISATION	BULKED ASSAYS Ni
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NOTES: 1. FOR ABBREVIATIONS SEE "FIELD GEOLOGIST'S MANUAL", O. 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	1.5	0 - 1.5 HQ CASING. No core.				
	51.5	1.5 - 53.0 SHALE, lesser SILTSTONE, minor QUARTZITE. Strong disrupted black shale and siltstone. Minor qtzite as disrupted thin beds. Common carbonate veins and stringers.		9/10/11	py > sph trace py and sph in rare veins and stringers. Sph more common in brecciated zones (usually 5 cm)	
20						
		48.4 - 49.3: Massive carbonate - py vein with minor sph and trace galena.				
40						
	22.4	53.0 - 75.4 PORPHYRY. Matrix mainly opaque white colour, altered in parts to translucent green. Phenocrysts: 10% qtz to 6 mm 10% feldspar, up to 10 mm replaced in part by py. 10% py sph.		1	10% py, sph py - disseminated grains, commonly weathered, and as rare veins. Sph - disseminated in patches (up to 15%).	
60						
	10.9	75.4 - 86.3 SILTSTONE, lesser SHALE, minor DOLOMITE. Strongly disrupted and slumped. Mainly black siltstone and shale, with disrupted minor dolomite, in parts. Occasional carbonate veins.		10/9/2	py > sph py in veins and stringers, disseminated through siltstone and as irregular aggregates.	
	7.8	86.3 - 94.1 DOLOMITE SULPHIDE LODGE. 75% py - vuggy veins and aggregates 20% qtz-carbonate - blotchy texture 5% fluorite		5/8	py > sph 75% py - abundant as veins and aggregates. sph in veins with carbonate.	
	33.3	94.1 - 127.4 SILTSTONE, SHALE, minor QUARTZITE. Strongly disrupted in most parts. Mainly black siltstone and shale, with minor irregular qtzite fragments. Common carbonate veins and stringers.		10/9/11	py > sph trace py and sph in veins with carbonate.	



CONTINUED NEXT PAGE.

FOR LEGEND SEE DRAWING NO.



**METALS EXPLORATION LIMITED**

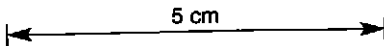
**SUMMARY DRILL LOG**  
Scale

Prospect or Project  
**Mt. Bischoff Tin**

HOLE No. MBD 84  
LOG SHEET 1 OF 2

DEPTH (length from collar)	INTERVAL	DEPTH from - to : ROCK UNIT Depth Description and notes INDENTED ABOUT 10mm	CAPITAL LETTERS, UNDERLINED	POINTER B. CODE	GRAPHIC LOG	POINTER B. CODE	MINERALISATION	BULKED ASSAYS N:

NOTES: 1. FOR ABBREVIATIONS SEE "FIELD GEOLOGIST'S MANUAL", D.A. BERKMAN & W.R. RYALL (ED.), MONOGRAPH NO. 9, AUSTRALAS. INST. MIN. METALL., 1976  
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CONTINUED FROM PREVIOUS PAGE.								
120	2.4	127.4 - 129.8	"TUFF" volcaniclastic greywacke		12		no apparent mineralisation.	
	3.1	129.8 - 132.9	SILTSTONE, QUARTZITE, minor "TUFF" Thin siltstone, qtzite, minor with fine volcaniclastic.		10/ 11/12		py trace in veins and stringers.	
	1.0	132.9 - 133.9	TUFF - Volcaniclastic greywacke		12		py trace in thin veins and stringers.	
		133.9 - 140.0	SILTSTONE, QUARTZITE. Moderately disrupted in parts. Thin bedded siltstone and qtzite. Rare carb. stringers.		10/ 11		py trace in thin veins and stringers.	
140	END OF HOLE 140.0 m.							
								

FOR LEGEND  
SEE DRAWING  
NO.



**METALS  
EXPLORATION  
LIMITED**

**SUMMARY  
DRILL LOG**  
Scale

Prospect or project  
**Mt. Bischoff Tin**

HOLE No. MBD 84  
LOG SHEET 2 OF 2

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								
121006		47.5	48.5	10	610									
07			49.3		1758									
08		49.3	50.0	0.7	400									
09		50.0	51.0	10	70									
"														
121826		52.0	53.0	10	85									
27		53.0	54.0	"	200									
28		54.0	55.0	"	320									
29		55.0	56.0	"	410									
30		56.0	57.0	"	170									
31		57.0	58.0	"	550									
32		58.0	59.0	"	200									
33		59.0	60.0	"	1150									
34		60.0	61.0	"	250									
35		61.0	62.0	"	240									
36		62.0	63.0	"	210									
37		63.0	64.0	"	1350									
38		64.0	65.0	"	250									
39		65.0	66.0	"	1750									
40		66.0	67.0	"	2750									
41		67.0	68.0	"	1700									
42		68.0	69.0	"	1050									
43		69.0	70.0	"	1450									
44		70.0	71.3	1.3	3250									
45		71.3	72.3	1.0	140									
46		72.3	73.3	"	110									
47		73.3	74.3	"	150									
48		74.3	75.4	1.1	100									
49		75.4	76.4	1.0	65									
850		78.7	79.7	"	120									

Notes: - XRF Q14 Method

METALS EXPLORATION LTD - MT BISCHOFF TIN PROSPECT  
 ASSAY SUMMARY SHEET HOLE NO, MBD 84  
 SAMPLE TYPE : DRILL CORE FROM 47.5 TO 79.7

832256 248

