

MOUNT BISCHOFF JOINT VENTURE

HOLE N°: MBD 133

Objective and Anticipated Lengths to Targets: To test mineralisation in, and position of, Queen Dyke.

Anticipated top contact of dyke approx. 95 m.

Drilling Commenced: 17/12/81 Drilling Completed: 24/12/81 Drilling Contractor: PARRY EXPL. DRILLING Rig Type: BOYLES

Bearing of Hole: 360°	Length From Collar	Mid Point and End	Survey Data			Mag. Brg	Collar and Change Points			
			Length Between M.P.	Dip	Grid Brg		Length to C.P.	North	East	R. L.
Angle of Hole: -55°		0					0	2150.50	1400.18	698.86
Final Depth of Hole: 125.0 m	0		15.0	55°	360°					
Core Sizes: N2		15.0					15.0	2159.10	1400.18	686.57
From 3.0 To 125.0 = 122.0 m	30.0		30.0	54°	359°	329°				
		45.0					45.0	2176.73	1399.87	662.30
From To =	60.0		30.0	54°	359°	329°				
		75.0					75.0	2194.37	1399.56	638.03
From To =	90.0		32.5	55°	360°	330°				
		107.5					107.5	2213.01	1399.56	611.41
From To =	125.0		17.5	55.5°	360°	330°				
		125.0					125.0	2222.92	1399.56	596.99
Logged By: N.R. Langsford	-125.0									
Date Logged: 4/1/82										
Stored Rack N°:										

Survey By: M. PROWSE Date: 23/12/81
 Calculated By: R.J. REID Date: 4/1/82

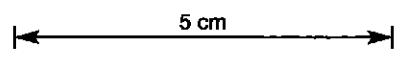
HOLE N°: MBD 133

832714
701

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

NOTES: 1 FOR ABBREVIATIONS SEE "FIELD GEOLOGIST'S MANUAL", G.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	3.0	<u>0 - 3.0: NO CORE.</u>				
91.3	3.0 - 94.3:	<p>Grey thinly bedded SILTSTONE with minor QUARTZITE interbeds. Siltstones thinly bedded, finely laminated. Fine gr. muscovite along some bedding planes. Quartzites are fg. massive, becoming predominant 34-65.0 m.</p> <p>Zone of fracturing and limonite staining 70.0 - 73.5 m.</p> <p>Slump bedding common in siltstone units below 30.0 m.</p> <p>Bedding 30°-45° to core axis.</p>			<p>< 1% disseminated py. Minor thin pyrite veinlets.</p> <p>Fractured limonite stained zone 70.0 - 73.5 m.</p>	
20						
40						
60						
80						
100	25.3	<p>94.3 - 119.6: Grey to white altered QUARTZ PORPHYRY. 10% qtz phenocrysts up to 5 mm in fg qtz-topaz groundmass. Minor limonite stained joints.</p> <p>103.0 - 113.0: Leached porous limonite stained zone.</p> <p>118.0 - 119.5: Dark brown alteration, porous pyritic zone.</p> <p>Dark brown contact bx.</p>			<p>Up to 15% disseminated pyrite, as grains up to 7 mm. Minor pyrite veinlets.</p>	
120						



FOR LEGEND
SEE DRAWING
NO



**METALS
EXPLORATION
LIMITED**

**SUMMARY
DRILL LOG**
Scale

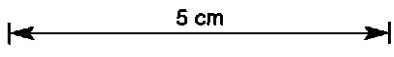
Prospect or project
Mt. Bischoff Tin

HOLE No. MBD 133
LOG SHEET 2 OF 3

DEPTH (length from collar)	DEPTH from - to: <u>ROCK UNIT</u>	CAPITAL LETTERS, UNDERLINED	MINERALISATION	ASSAYS AVAILABLE	BULKED ASSAYS Ni
	INTERVAL	Depth Description and notes INDENTED ABOUT 10mm	POINTER A CODE		

NOTES: 1 FOR ABBREVIATIONS SEE "FIELD GEOLOGIST'S MANUAL", D A BERKMAN & W R RYALL (ED), MONOGRAPH NO 9 AUSTRALAS INST MIN METALL. 1978
 2 ATTITUDE OF BEDDING, VEIN, ETC IS ANGLE BETWEEN PLANAR STRUCTURE AND LONG AXIS OF CORE 3 LENGTH IS GIVEN AS METRES OR MILLIMETRES

120	5.4	119.6 - 125.0: Grey interbedded <u>SILTSTONES</u> and <u>QUARTZITES</u> . Thinly laminated siltstones, slump bedded. Massive quartzites.			Minor disseminated pyrite.
130		<u>END OF HOLE: 125.0 m.</u>			



FOR LEGEND
SEE DRAWING
NO



**METALS
EXPLORATION
LIMITED**

**SUMMARY
DRILL LOG**
Scale

Prospect or project Mt. Bischoff Tin	HOLE No. MBD 133
	LOG SHEET 3 OF 3

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								
	144884	30	60	30		30								
	85	60	80	20		30								
	86	80	100	"		28								
	87	100	120	"		40								
	88	120	140	"		55								
	89	140	160	"		48								
	890	160	180	"		46								
	91	180	200	"		42								
	92	200	220	"		40								
	93	220	240	"		34								
	94	240	260	"		55								
	95	260	290	30		140								
	96	290	310	20		60								
	97	310	330	"		38								
	98	330	350	"		38								
	99	350	370	"		38								
	144900	370	390	"		42								
	01	390	410	"		60								
	02	410	430	"		70								
	03	430	450	"		95								
	04	450	470	"		210								
	05	470	490	"		210								
	06	490	510	"		220								
	07	510	530	"		760								
	08	530	550	"		300								
	09	550	570	"		450								
	10	570	590	"		600								
	11	590	610	"		1550								
	12	610	630	"		380								
	13	630	650	"		2050								

Notes:—XRF BI method

METALS EXPLORATION LTD - MT BISCHOFF TIN PROSPECT

ASSAY SUMMARY SHEET HOLE NO. MAD 133

SAMPLE TYPE: DRILL CORE FROM 30 TO 650

WIND

002111

704

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								
	144914	650	670	20		520								
	15	670	690	"		1450								
149011		690	710	"	2000									
12		710	730	10	220									
13		730	750	"	140									
14		750	770	"	540									
	144916	770	790	20		80								
	17	790	810	"		100								
	18	810	830	"		80								
	19	830	850	"		130								
	20	850	870	"		540								
	21	870	890	"		170								
	22	890	910	"		170								
	23	910	930	"		430								
	24	930	950	"		7000								
	25	950	975	15		1600								
148485		975	995	10		160								
86		995	1015	"		670								
87		1015	1035	"		350								
88		1035	1055	"		150								
89		1055	1075	"		620								
90		1075	1095	"		310								
91		1095	1115	"		460								
92		1115	1135	"		230								
93		1135	1155	"		200								
94		1155	1175	"		210								
95		1175	1195	"		300								
96		1195	1215	"		450								
97		1215	1235	"		560								
98		1235	1255	"		400								

Notes: - XRF by method

METALS EXPLORATION LTD - MT BISCHOFF TIN PROSPECT
ASSAY SUMMARY SHEET HOLE NO. MBO 153

SAMPLE TYPE : DRILL CORE FROM 650 TO 1075

End
 of Split

822715

705

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								
148495		107.5	108.5	1.0	250									
148000		108.5	109.5	"	490									
01		109.5	110.5	"	460									
02		110.5	111.5	"	390									
03		111.5	112.5	"	360									
04		112.5	113.5	"	410									
05		113.5	114.5	"	480									
06		114.5	115.5	"	1050									
07		115.5	116.5	"	680									
08		116.5	117.5	"	480									
09		117.5	119.5	2.0	390									
010		119.5	120.5	1.0	210									
	144926	120.5	122.5	2.0		420								
	07	122.5	125.0	2.5		600								

Notes: - XRF Bi method

METALS EXPLORATION LTD - MT BISCHOFF TIN PROSPECT

ASSAY SUMMARY SHEET HOLE NO. m30 133

SAMPLE TYPE: DRILL CORE

FROM 107.5 TO 125.0

NO split
core

832719

106