MOUNT BISCHOFF JOINT VENTURE

HOLE N°: MBD 117

Objective and Anticipated Lengths to Targets: To test "footwall DSL" between approximately 75 m and 85 m.

Drilling Commenced: 16/10/81 Drilling Completed: 19/10/81 Drilling Contractor: PARRY EXPL. DRILLING Rig Type: BOYLES 37

Bearing of Hole: -

Angle of Hole: 90°

Final Depth of Hole: 98 m

Core Sizes:

From 0 To 13.0 = TRICONE

From 13.0 To 60.0 = NQ

From 60.0 To 98.0 = BQ

From To =

From To =

Logged By: D. COMPSTON

Date Logged: 27/10/81

Stored Rack N°:

Length From Collar	Mid Point and End	Survey Data: Length Between M.P	Dip	Grid Brg	Mag Brg
	0				
0		15.0	90°	-	
	15.0				
30.0		31.5	88.75°	282.5°	252.5°
	46.5				
63.0		34.0	89°	272°	242°
	80.5				
98.0		17.5	88°	310°	280°
	98.0				
-98.0					

Collar and Change Points: Length to C.P	North	East	R.L.
0	1865.13	1099.62	625.53
15.0	1865.13	1099.62	610.53
46.5	1865.28	1098.95	579.04
80.5	1865.30	1098.36	545.04
98.0	1865.69	1097.89	527.55

Survey By: Date:

Calculated By: R.J. REID Date: 21/10/81

HOLE N°: MBD 117

8325579 567

832580568

DEPTH (length from collar)	INTERVAL	DEPTH from - to ROCK UNIT (CAPITAL LETTERS, UNDERLINED) Depth Description and notes (INDENTED ABOUT 10 mm)	POINTER B CODE	GRAPHIC LOG	POINTER B CODE	MINERALISATION	SELECTED SAMPLES	BULKED ASSAYS Ni
0	13.0	0 - 13.0: TRICONE.						
20	22.0	13.0 - 35.0: PORPHYRY. Broken core with minor fragments of weathered py-rich dsl to 15.5. Mainly weathered porphyry - matrix altered to dark red-brown approx. 20% disseminated qtz pehnocrysts up to 5 mm.		1		10% coarsely disseminated py.		
40	20.0	35.0 - 55.0: FAULT PUG. Very poor recovery. Mainly grey/brown clay with very minor fine py.		F.2		trace fine py through clay.		
	4.4	55.0 - 59.4: DOLOMITE. Finely crystalline grey dolomite. Rare py veins.		2		trace py in rare veins.		
60	1.1	59.4 - 60.5: DOLOMITE SULPHIDE LODE. Py/carbonate.		5/8		70% py in aggregates and dissem.		
	3.8	60.5 - 64.3: RECRYSTALLIZED DOLOMITE. Coarsely crystallized grey dolomite. Rare py vein.		3		trace py in veins.		
	8.2	64.3 - 72.5: DOLOMITE SULPHIDE LODE. 64.3 - 65.6: 70% green serp, 20% dissem sph, minor py, talc and carbonate. 65.6 - 69.1: coarsely recrystallized dolomite with very abundant py veins. 69.1 - 72.5: 40% po (minor secondary py), 30% serp, 30% qtz-carbonate.		7/4/8		sph, po, py - 35% sph - disseminated in dsl 64.3 - 68.6. py - abundant veins (approx 35%) in dolomite 65.5 - 69.1 m, minor after po. po - aggregates from 69.1-72.5.		
80	7.0	72.5 - 79.5: RECRYSTALLIZED DOLOMITE, DOLOMITE. Mainly coarsely recrystallized grey dolomite, with lesser fine dolomite towards 79.5 m.		3/2				
	11.2	79.5 - 90.7: DOLOMITE SULPHIDE LODE. 75% pale to mid green talc, banded in parts. 15% py after po - as aggregates and veins. Minor pyrrhotite. 5% green serpentine 5% qtz-carbonate - disseminated.		6/5		15% py after po. As veins and irregular aggregates. Minor pyrrhotite as aggregates.		
	7.3	90.7 - 98.0: QUARTZITE, SILTSTONE. Strongly disrupted fine qtzite and siltstone. In parts brecciated. Rare thin veins of carbonate.		11/10		trace py in stringers.		
100		END OF HOLE: 98.0 m.						

5 cm

FOR LEGEND SEE DRAWING NO

METALS EXPLORATION LIMITED

SUMMARY DRILL LOG Scale

Prospect or project: Mt. Bischoff Tin

HOLE No. MBD 117

LOG SHEET 2 OF 2

SAMPLE NO. SPLIT CORE	SAMPLE NO GROUND CORE	FROM m	TO m	INTERVAL m	Sn SPLIT	Sn GROUND	Cu	Pb	Zn	Ag	W	Au	Check Sn	Bulked Assays
131071		13.0	20.0	7.0	2550									
72		20.0	25.9	5.9	1150									
73		25.9	30.7	4.8	1850									
74		30.7	33.4	2.7	1150									
75		33.4	35.0	1.6	640									
76		35.0	38.0	3.0	860									
77		38.0	41.0	"	400									
78		41.0	53.0	12.0	110									
79		53.0	57.7	4.7	46									
080		57.7	58.7	1.0	8									
81		58.7	59.7	"	100									
82		59.7	60.7	"	1400									
83		60.7	61.7	"	24									
84		61.7	62.7	"	65									
85		62.7	63.7	"	190									
86		63.7	64.7	"	560									
87		64.7	65.7	"	1250									
88		65.7	66.7	"	75									
89		66.7	67.7	"	270									
090		67.7	68.7	"	70									
91		68.7	69.7	"	790									
92		69.7	70.7	"	8900									
93		70.7	71.7	"	4.90%*									
94		71.7	72.7	"	1950									
95		72.7	73.7	"	7200									
96		73.7	74.7	"	4200									
97		74.7	75.7	"	860									
98		75.7	76.7	"	180									
99		76.7	77.7	"	260									
148000		77.7	78.7	"	110									

Notes:— XRF Bi Method

* Being redetermined by lode BE

METALS EXPLORATION LTD - MT BISCHOFF TIN PROSPECT

ASSAY SUMMARY SHEET HOLE NO. MBD 117

SAMPLE TYPE: DRILL CORE FROM 13.0 TO 78.7

NiD & BiD split

83258

569

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								
14RC01		78.7	79.7	1.0	350									
02		79.7	80.7	"	90									
03		80.7	81.7	"	410									
04		81.7	82.7	"	1.40%	*								
05		82.7	83.7	"	2300									
06		83.7	84.7	"	34									
07		84.7	85.7	"	40									
08		85.7	86.7	"	18									
09		86.7	87.7	"	4									
010		87.7	88.7	"	16									
11		88.7	89.7	"	6									
12		89.7	90.7	"	12									
	144503	90.7	92.7	2.0		120								
	04	92.7	94.7	"		250								
	05	94.7	96.7	"		65								
	06	96.7	98.0	1.3		44								

Notes :— XRF B1 Method

* Being redetermined by Lode Be

METALS EXPLORATION LTD - MT BISCHOFF TIN PROSPECT

ASSAY SUMMARY SHEET HOLE NO. MBD 117

SAMPLE TYPE : DRILL CORE FROM 78.7 TO 98.0

½ Split

8322588

510