MOUNT BISCHOFF JOINT VENTURE

HOLE N°: MBD 131

Objective and Anticipated Lengths to Targets: To test mineralisation in Stanhope Dyke. Anticipated top dyke contact approx. 60 m.

Drilling Commenced: 9/12/81 Drilling Completed: 11/12/81 Drilling Contractor: PARRY EXPL. DRILLING Rig Type: BOYLES

Bearing of Hole: 180°

Angle of Hole: -70°

Final Depth of Hole: 70.0 m

Core Sizes: NQ

From 3.0 To 70.2 = 67.2 m

From To =

From To =

From To =

From To =

Logged By: N.R. Langsford

Date Logged: 12/12/81

Stored Rack N°:

Length From Collar	Mid Point and End	Survey Data: Length Between M.P	Survey Data: Dip	Survey Data: Grid Brg	Mag Brg
	0				
0		15.0	70°	180°	
	15.0				
30.0		35.0	70°	185°	155°
	50.0				
70.0		20.0	70°	186°	156°
	70.0				
-70.0					

Collar and Change Points: Length to C.P	North	East	R.L.
0	2090.22	1500.16	697.93
15.0	2085.09	1500.16	683.83
50.0	2073.16	1499.12	650.95
70.0	2066.36	1498.40	632.15

Survey By: Date:

Calculated By: R.J. REID Date: 4/1/82

HOLE N°: MBD 131

693-

832706

832707 694

DEPTH (length from collar)	INTERVAL	DEPTH from - to : ROCK UNIT (capital letters, underlined) Depth Description and notes (indented about 10mm)	POINTER & CODE	GRAPHIC LOG	POINTER & CODE	MINERALISATION	ASSAYS AVAILABLE	BULKED ASSAYS Ni
0	2.5	0 - 2.5: NO CORE.						
	7.7	2.5 - 10.2: Interbedded SILTSTONE and QUARTZITE. Grey, thinly laminated and thinly bedded. Weathered, limonite stained.		10/11				
	4.6	10.2 - 14.8: Altered PORPHYRY. Light green sericitised quartz porphyry. Very minor pyrite. 10% qutz phenocrysts up to 5 mm.		1		Very minor disseminated pyrite.		
20	26.2	14.8 - 41.0: Interbedded QUARTZITES and SILTSTONES. Siltstones grey to dark grey, thinly laminated and thinly bedded, quartzites predominant below 32 m, massive, pale grey. Porous limonite stained quartzite band 30-31 m.		11/10		Very minor disseminated and veinlet pyrite.		
40	22.0	41.0 - 63.0: Altered QUARTZ PORPHYRY with SILTSTONE band 55.8-57.2 m. Pale grey green sericitised quartz-porphyry. 10% quartz phenocrysts up to 5 mm in f.g. green sericite ground mass. 1.4 m band of indurated massive brown siltstone. Porphyry contains pyrite above and below this contact, and is lomonite stained.		1		Minor disseminated pyrite, more abundant above and below sediment band.		
60	7.2	63.0 - 70.2: Thinly laminated SILTSTONES. Grey thinly bedded. Minor slump bedding.		10				
		END OF HOLE: 70.2 m.						
80								

NOTES · 1 FOR ABBREVIATIONS SEE "FIELD GEOLOGIST'S MANUAL", G A BERKMAN & W R RYALL (ED), MONOGRAPH NO. 8 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

5 cm

FOR LEGEND SEE DRAWING NO

METALS EXPLORATION LIMITED

SUMMARY DRILL LOG Scale

Prospect or project: Mt. Bischoff Tin

HOLE No. MBD 131

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								
	144043	2.5	5.0	2.5		540								
	44	5.0	7.0	2.0		210								
	45	7.0	9.1	2.1		110								
144432		9.1	10.1	1.0	95									
33		10.1	11.1	"	420									
34		11.1	12.1	"	720									
35		12.1	13.1	"	660									
36		13.1	14.1	"	600									
37		14.1	15.0	0.9	240									
38		15.0	17.3	2.3	1450									
	144046	17.3	19.3	2.0		760								
	47	19.3	21.3	"		460								
	48	21.3	23.3	"		310								
	49	23.3	25.3	"		150								
	50	25.3	27.3	"		320								
	51	27.3	29.3	"		220								
	52	29.3	31.3	"		3500								
	53	31.3	33.3	"		1850								
	54	33.3	35.3	"		330								
	144055	35.3	37.3	"		190								
	56	37.3	39.6	2.3		700								
144435		39.6	40.9	1.3	600									
36		40.9	41.9	1.0	520									
37		41.9	42.9	"	720									
38		42.9	43.9	"	4400									
39		43.9	44.9	"	780									
40		44.9	45.9	"	580									
41		45.9	46.9	"	55									
42		46.9	47.9	"	130									
43		47.9	48.9	"	400									

Notes :— XRF Bi Method

METALS EXPLORATION LTD - MT BISCHOFF TIN PROSPECT

ASSAY SUMMARY SHEET HOLE NO. MBD 131

SAMPLE TYPE : DRILL CORE FROM 2.5 TO 48.9

1 Split Grind

80 4668

9695

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
[illegible]		[illegible]	[illegible]	10	350									
[illegible]		[illegible]	[illegible]	"	470									
[illegible]		[illegible]	[illegible]	"	140									
[illegible]		[illegible]	[illegible]	"	280									
[illegible]		[illegible]	[illegible]	"	1050									
[illegible]		[illegible]	[illegible]	"	1750									
[illegible]		[illegible]	[illegible]	"	3000									
[illegible]		[illegible]	[illegible]	"	38									
[illegible]		[illegible]	[illegible]	"	700									
[illegible]		[illegible]	[illegible]	"	1950									
[illegible]		[illegible]	[illegible]		1500									
[illegible]		[illegible]	[illegible]		3550.									
[illegible]		[illegible]	[illegible]		300									
[illegible]		[illegible]	[illegible]		130									
[illegible]		[illegible]	[illegible]		130									
	149257	[illegible]	[illegible]	20		740								
	58	65.9	67.9	"		90								
	59	67.9	70.2	2.3		100								

Notes :— XRF BY Mesco

METALS EXPLORATION LTD - MT BISCHOFF TIN PROSPECT

ASSAY SUMMARY SHEET HOLE NO. MBD 131

SAMPLE TYPE : DRILL CORE FROM 48.9 TO 70.2

Split
Ground

60422 09

969