028451

Drill Advance	Core Length Recovered	% Recovery Estimate	Depth from-to : ROCK UNIT (capital letters, underlined) / Depth : Detailed rock description and notes (indented about 15 mm)	Drill Log Depth Tag	Graphic Log (see legend on sheet 1)	Structural and Vein Information (Attitude = Angle between feature and long core axis)	Mineralisation	Percent Mineralisation (Visual estimate)	Notes
			TRICONE TO 4.0m - NO CORE.	0					
1.0	0.5	50	4.0 - 19.8? RECRYSTALLISED DOLOMITE ?	4	3		4.0-19.8? % difficult to estimate due to poor recovery. Between 5.0 and 8.0 m there is 0.5 m of relatively intact recryst. dolomite with 30% sp and 3-5% py. Otherwise - sp, py, trace fluorite, marcasite, rare arsen in fragments. Some py is massive, porous and pitted, most of the mineralisation appears to be concentrated along brecciation fractures with recryst. carbonates, qtz.	10%	
3.0	1.1	37	Highly faulted and broken - recovery very poor. Fragments of mottled grey, brown and cream recrystallised and sheared dolomite in a matrix of dark brown, friable, fault peg. Dolomite mostly coarsely crystalline. Some fragments 14-17 m "are almost entirely cellular" pyrite, sp or a hard, dense pinkish (Mn?) carbonate.	8					
3.0	0.4	13							
3.0	0.5	16		12					
3.0	0.3	10		16					
3.0	0.5	16				← Contact Broken.			
3.0	2.9	96	?19.8-40.28 DOLOMITE WITH QUARTZ AND CALCITE.	20	3/2		?19.8-33.6 trace sp, weak trace py, fluorite; concentrated sporadically within carbonate-qtz veining.	<1%	
3.0	1.5	50	Pale creams and greys with patches of grey quartz and white carbonates. Recrystallisation is quite extensive - segregation of creamy coloured dolomite and patches of grey quartz in patches to 5 x 3 cm which are intergrown with fine grained (clastic dolomite. Some minor stockwork-like zones of recryst. dol., carbonate, qtz, fluorite to 10 cm; these have been disrupted and broken by later shearing.	24					
3.0	2.0	66	Overall highly brecciated - early fine dark grey non penetrative fractures in unaltered dolomite, which apparently have been the loci for later recrystallisation and deposition of remobilised qtz, carbonates, etc. The whole has then been faulted and sheared, producing brecciated zones to 0.5 m - rounded dolomite fragments, etc, in a matrix of pale brown sheared material.	28		∠ 26.6-26.8 20 cm DSL - weakly foliated py, grey sepentinized grey qtz. 70% py, 45°.			
3.0	0.7	23	27 - 40.28 Increasing recrystallisation, lesser late brecciation and faulting.	32					
3.0	2.0	66					33.6 - 40.28 sp, py as above, increase proportions	2-3%	
3.0	1.2	40		36					
3.0	1.8	60		40		← Contact irregular, 90°			
3.0	3.0	100	40.28 - 42.18 DOLOMITE SULPHIDE LODE. Mottled metallic greens (Py), whites, greys and greens. Recrystallised and brecciated dolomite with abundant grey qtz lining brecciation fractures. Coarsely granular texture with greenish serpentinite rich intervals		8/5/7	← Contact irregular ≑ 90°	40.28 - 42.18 py, marcasite, fluorite, trace po, sp, arsen and fine grained cassiterite. Granular aggregates and veining	40%	
			42.18 - 44 QUARTZ FELSPAR PORPHYRY. 42.18 - 43.2 Patches of finely crystalline greenish green matrix with 2% qtz, trace felspar and 2-3% fluorite, alternating with hard white porphyry as below; 43.2 - 44 Mottled creamy grey fine matrix with subhedral qtz to 3mm, 7%, altered yellowish/brownish felspar to 5%, 1-3 mm.		1		42.18 - 43.2 py, fluorite, trace po dissem in hybrid porphyry or as discrete aggregates and grains	15-20%	
							43.2 - 44 py, marcasite, po, trace sp, fluorite and tourmaline	15-20%	
			END OF HOLE 44.0 m.	44			Distinct grains and phenocrysts to 4 x 5 mm, some blebs to 7 x 5 cm.		
				48					

5 cm

METALS EXPLORATION LIMITED

MINERAL EXPLORATION
DRILL LOG
Scale 1:100

Prospect or project: MOUNT BISCHOFF
Logged by: G. BROADBENT date 7/6/80

HOLE No. MBD 29
LOG SHEET 2 OF 2.
from 0 m. to 44.0 m.