

DEPTH

INTERVAL	DEPTH from-to : ROCK UNIT	MINERALISATION	ASSAYS AVAILABLE	BULKED ASSAYS
	Depth : Description and notes <i>indented about 10mm</i>			

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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AFTER TYPING THIS SIZED FORM WILL BE PHOTO-REDUCED TO A4 SIZE

0-4.0 (4.0m)	TRICONE TO 4.0 m - NO CORE		
4.0-39.5 (35.5m)	4.0-39.5 DOLOMITE, recrystallised and faulted. Brecciated fabric - mottled creams, whites, yellows and greys in rock fragments contained in puggy yellow and brown matrix (later faulting). Intact rock frags and short runs of core ^{to 3m} have been ^{more or less} recrystallised - segregation of qtz, calcite, dolomite, with some rare thin films of talc/serpentine along fracture planes. Some short intervals ft D5L to 2.8m - talc/serpentine matrix, weakly foliated at 22-24.8m, 39.2-39.5m, and as sparse fragments in crushed zones. 4.0-42.4 - fault zone - intervals of fault pug, with runs of broken core to 3m (mostly <1m), washed rock fragments		4-14.9 py, sp, trace fluoite, rare galena in fragments, relict py in fault pug. Blebs and grains concentrated along brecciation fractures and in cavities, 10% 14.9-17.1 as above, core not so weathered and broken - 50%. 17.1-22 As for 4-14.9, 10%. 22-24.8 (D5L) py, sp, fluoite, granular blebs, veins, stringers, 10-15%. 24.8-35.0 sp, py, blebs etc, <10% 35.0-39.5 py, sp, fluoite (?) cassiterite in interstices of brecciated dolomite, 15%
39.5-61.1 (21.6)	39.5-61.1 QUARTZ-FELSPAR PORPHYRY. Broken. Matrix creamy white, fine grained, some fine fracturing. below 42.4m Phenocrysts - qtz - rounded grains to 6x5mm, 15% fclspar - creamy white with some greenish and brownish alteration to 1.5mm, 5-7% 47.5-51.6 - Inclusion of dolomite? - qtz, carbonates, serpentine, talc in irregular patches, well fractured and veined by carbonates, qtz, fluoite etc.		py, trace fluoite, weak trace cassiterite, arseno. sp. Py rounded distinct grains to 4mm, others as small discrete grains, some intergrown with py to 1.5m 10-15%. 47.5-51.6 py > fluoite, trace sp as granular aggregates and vein fillings, 20-25%. 57.2-61.1 Stockwork of dolomite and sp veins in addition to porphyry mineralisation as above TOTAL 40-50%.
61.1-65.5 (4.4)	61.1-65.5 DOLOMITE SULPHIDE LODE. Bronze coloured due to po, grey qtz-carbonate gangue. 65°		py, po, fluoite, trace arseno, ga, sp, cp. Fine grained and granular, 70%.
65.5-78.9 (13.4)	65.5-78.9 DOLOMITE, brecciated and recrystallised. 40° Creamy rounded fragments of dolomite with some talcose alteration with grey qtz, and white and cream carbonates as infillings of brecciation fractures.		py, sp, fluoite, weak trace arseno Sulphides as blebs along brecciation fractures, granular aggregates, fluoite as cavity filling TOTAL 2-3%, variable 0-5%.
78.9-89.0 (10.1)	78.9-89.0 SILTSTONES AND BLACK SHALES, minor QUARTZITE. Brecciated and silicified - siltstones dark grey, locally massive or as rounded clasts in contorted black shale matrix. Some siltstones faintly greenish-sericitic? 0.7m massive sulphides on contact.		py > po, dolomite, fluoite. po as blebs to 2cm, finely disse; py disse or in dolomite-fluoite-qtz veins and stringers. TOTAL 5-7%.
	END OF HOLE 89.0m.		

