



DEPTH from-to : ROCK UNIT	capital letters, underlined	GRAPHIC LOG	STRUCTURAL AND VEIN INFORMATION	MINERALISATION	NOTES
122.45-126.6	DOLOMITE SULPHIDE LOAM	See page 2 for description.	← 122.1 10 mm Fluorite-phylogopite Isoperistite vein, 400.		See page 2 for description.
126.6-142.9	DOLOMITE	Soft mottled greyish green serpentine with some minor talc patches. Overall massive granular texture with some weak irregular banding in sulphides. The lower 1.6 m exhibits a gradually increasing proportion of patches of grey qtz and residual rounded corroded dolomite. Brecciated fabric.	← Contact 70°		123.45-125. po > py, trace sp, fluorite. Dissem. in serpentine as blebs and grains, some weak foliation. 125-126.6 py > po, trace sp, fluorite. 1As for 123.45-125.
142.9-144.1	DOLOMITE	Pale grey, fine grained, extensively brecciated and disrupted - fine dark grey stained non-penetrative fractures separate angular (occasionally rounded) pieces of dolomite. Some minor talcose (green) and serpentinous (black) alteration along some shear planes - small irregular patches and thin films < 1 cm with 1-2 cm bleached halos in the unaltered dolomite. Well fractured and broken, particularly where talcose.	← Contact irregular		126.6-142.9 traces sp, po and fluorite as irregular inclusions in brecciation cavities. Some minor qtz - recrystallised dolomite and carbonate veining
144.1-145.9	DOLOMITE	Grey recryst. carbonates and qtz with greenish serpentine mottled cream/dark greens - granular, brecciated, texture.	← Contact irregular.		142.9-144.1 Fluorite, py, sp, po as interstitial blebs and finely dissem. 144.1-145.9 traces sp, po and fluorite as blebs and interstitial grains to 10 x 8 mm.
145.9-150.6	ALTERED AND RECRYSTALLIZED DOLOMITE	Pale grey finely crystalline dolomite, highly disrupted and brecciated, with a distinct greenish colouration in some intervals due to abundant finely disseminated fluorite. The extent of alteration and recrystallisation increases with depth - the last 8-10 m consists of a mosaic of intergrown sericite, topaz, fluorite and sellaite (sample 98082), with varying amounts of recrystallised carbonates and qtz with fluorite and green schort.	← Contact irregular.		145.9-146.3 Fluorite > py, sp, po 20% 146.3-147.5 traces sp, po and fluorite to 5 x 3 mm. 147.5-150.1 py, sp, fluorite, trace po; dissem as blebs and grains 2-3%
150.6-158.5	ALTERED AND RECRYSTALLIZED DOLOMITE	153.0 Sample 98082 taken for thin sectioning and petrology.			150.1-150.8 Virtually massive purple and green fluorite, some py 90% 150.8-158.5 py/marcasite, fluorite, trace po, sp as blebs and patches to 10 cm, concentrated along brecciation fractures. 15-20%
158.5-160.6	ALTERED AND RECRYSTALLIZED DOLOMITE	159.1 Small fault zone - 0.5 m broken core, some puggy material.	← 159.1 Small fault zone - 0.5 m broken core, some puggy material.		158.5-160.6 py, ab rounded blebs to 8 mm, some interstitial finely dissem. fluorite. Concentrations locally variable 5-40%.
160.6-199.55	THINLY BEDDED SILTSTONES AND BLACK SHALES WITH MINOR SANDSTONES	Dark grey clay rich siltstones with some sandy beds to 1.5 m, and contorted beds of black shale to 1 cm. Extensively disrupted and deformed - 'soft pebble conglomerate' fabric. The sandstones are quartzose, with minor shale fragments and some ? feldspar grains.	← Contact irregular + well fractured.		160.6-166.5 py, as dissem. blebs and finely dissem in siltstones and shales. Minor fine dolomite-carbonate - qtz veining 7-10% 166.5-185.7 py, finely dissem. throughout, as rounded blebs from disruption of pyritic beds, and in thin stringers with qtz, carbonates. 2-3%
185.7-199.55	THINLY BEDDED SILTSTONES AND BLACK SHALES WITH MINOR SANDSTONES	Not as brecciated - minor disruption, thinly bedded siltstones (quartzose and also darker grey clay rich beds) separated by black shale beds. Some intervals have a 'stripey' appearance with only minor carbonation. Sparse sandstone beds to 0.5 m. Thickness of individual siltstone beds < 5 cm, mostly 1-2 cm.	← 182.6 Bedding 30° ← 185.8 Bedding 45° ← 188.0 Bedding 35° ← 190.5 Bedding 50° ← 193.8 Bedding 50° ← 195.5 30 mm dolomite - fluorite - chlorite vein, 30° ← 195.7 Bedding 55° ← 198.6 Bedding 70°		185.7-199.55 py, dissem. as above, also in this bedded laminae associated with black shale, or heavily concentrated in scattered thin quartzose siltstone beds. (up to 40-50% of an individual bed, beds may be 2-7 mm thick) 3%
199.55-200.00	TUFF	fine grained, with small black shale clasts.	← Contact irregular.		199.55-200.0 py, dissem throughout 5-7%