221325

PROJECT: MOINA CORE SIZES: 0 - 80 NX LOGGED BY: P.ASKINS

HOLE NO: ML 2 80 - 854 BX

DRILLED: 1971 for Mt. Lyell Mining & Railway Co. Ltd. ORIENTATION: 50° ⟶ 180°m CO-ORDS: 910E 150S

FROM Feet and tenths	TO of Feet	DESCRIPTION
00	68.0	BASALT, agglomeratic and, MUDSTONE dark grey indurated in part. Poor recovery so proportions of these rock types are unknown, but apparently mudstone units are between basalt flows.
68.0	77.0	MUDSTONE, medium grey, finely bedded in places.
77.0	79.4	SANDSTONE, Frst, f, buff, soft, massive, except at 77 where bedded at 85°.
79.4	90.0	SANDSTONE - SILTSTONE, Frst, f, dark grey, soft, mostly massive, with a few angular fragments of other soft sediments, basalt etc. Indurated towards 90.
90.0	108.0	BASALT, Frst, dark greenish, relatively massive; a few xenoliths or rafts of indurated mudstone.
108.0	126.0	BASALT, Frst, agglomeratic.
126.0	133.5	BASALT, Frst, mostly massive.
133.5	140.3	MUDSTONE, Frst, with some included semi-consolidated conglomerate with pebbles up to 1 cm
140.3	168.0	CALC-SILICATE ROCK, WRIGGLITE, CHLORITE SKARN. Calc-silicate is MW-HW and leached and wrigglite is SW-MW. Proportions difficult to establish due core losses but recovered proportions are 25% wrigglite, 75% calc-silicate, 5% chlorite skarn. Trace disseminated scheelite and traces scheelite in veinlets, only in wrigglite.
168.0	175.0	LIMESTONE + WRIGGLITE, Frst. Wrigglite as patches and veinlets in limestone. Good partial replacement features.
175.0	200.0	CALC-SILICATE ROCK + WRIGGLITE, similar to above but less weathered in most places.
200.0	272.5	WRIGGLITE, Frst - SW to 235.0, fresh to Frst below. Typical type with calc-silicate bands defining gross bedding at 80°; burrowed complicated calc-silicate/ wrigglite relationships; calc-silicate content increases 254.0 - 260.0; pink felspar veinlets throughout but more common 240.0 - 250.0. Up to 235 some calc-silicate is altered to buff chlorite which is locally leached out. Scheelite disseminated, and in some veinlets of felspar. (NOTE: In core trays 200 - 203 there is sandstone - this is obviously out of place)
272.5	275.0	CALC-SILICATE ROCK & WOLLASTONITE HORNFELS, Frst, f-m. Wollastonite hornfels is patchy. Grossly bedded at 80°, defined by pure white and greenish bands - pure white contains small quartz grains, m, and f wollastonite. Many cross-cutting veinlets with greenish alteration.