

221323

PROJECT: MOINA

CORE SIZES: 0' - 16' NX casing

LOGGED BY: P. ASKINS

HOLE NO: ML 1 A

16' - 179' NX

179' - 871.2' BX

DRILLED: 1970 for Mt. Lyell Mining
and Railway Co. Ltd.

ORIENTATION: 50° → 180°m

CO-ORDS: 1170E 70N

<u>FROM</u>	<u>TO</u>	<u>DESCRIPTION</u>
-------------	-----------	--------------------

Feet and tenths of Feet

0	17	CALC-SILICATE ROCK, SW-MW, f-m, bluish, tends to metasiltstone. Typical irregular texture with a little malachite staining on joints at 8.00. Bedding, f, 20° at 6.00. No scheelite.
17.0	108.0	NEAR NIL RECOVERY - FAULT ZONE - A little breccia recovered - angular fragments of quartz and calc-silicate minerals in f dark matrix. Also some quartz, fractured with chlorite and in one place crs molybdenite. No scheelite.
162.0	188.0	ALTERED SANDSTONE, Fresh - Frst, f, with much chlorite (as above) in matrix and on joints/fractures. Very fractured. No scheelite.
188.0	195.0	SANDSTONE - fresh - Frst, f, as above, but chlorite in matrix nearly absent. Bedding 10°. No scheelite.
195.0	211.0	SANDSTONE as at 162 - 188 but extremely crushed, fracutured, 200 - 202.5, 204 - 206. No scheelite.
211.0	739.5	SANDSTONE fresh - Frst, mostly massive, m, off white, also finely bedded and tends to f sandstone and siltstone, greys, browns, e.g. 510.7 - 524. Coarser sandstone is often silicified and recrystallized to quartzite. Quartzite more abundant below 524. Minor chloritic alteration throughout, locally chlorite rich e.g. 345 - 353. (Chlorite with disseminated molybdenite 273 - 273.5, and ditto also with pyrite 290.5 - 290.5.) Weak greisenization along joints. Pyrite common in places, f-m, disseminated, also as stringers and on joints. Quartz veinlets and stringers scattered throughout - mostly barren of sulphides e.g. 276 - 277 but some with traces molybdenite; 430.5 - 431.1 quartz vein with disseminated yellowish oxides after pyrite or bismuthinite? Contact 90°; 503.5 - 504 quartz vein with m - crs molybdenite, contact at 45°. No scheelite. Bedding 80° 287'; 40° 307'; 50° 317'; 70° 357'; 70° 400'; 70° 418'; 70° 435'; 70° 460'; 90° 490'; 80° 515'; 65° 563'; 70° 583'; 65° 626'.