



TREKONE TO 4.0 m - NO CORE

4.0-21.8 DOLOMITE SUBWIDE LEDGE

4-8.7 pale greenish grey calc. & dark green/black separate. Many granules grey carbonates and calc. and some patches of dolomite - white mica with fibrous. Some fibrous (?) minerals (actinolite) of 8-20 microns and black, siliceous crystals. Weakly bedded, 'argillitic', massive 4-21.8m, alternating with more massive saponite etc.

8.7-16.1 hard granular bluish-green saponite with soft greenish grey talc patches and small interstitial patches of grey quartz.

16.1-21.8 (greenish grey talc and grey and apple green saponite with granular feldspar, minor pyroxene in a weakly bedded matrix.

21.8-22.4 DOLOMITE, pale grey, brecciated and broken, barren.

22.4-27.0 SILTSTONES AND QUARTZITES

Medium grey, fairly sorted (?) clay rich siltstone, sometimes massive and finely laminated to 2cm. Thin beds, very hard bluish grey quartzites to 30cm, which decrease towards base of interval.

Main silt sediment disruption and later fracturing.

27.0-38.4 THINLY BEDDED SILTSTONES AND QUARTZITES

Thinly bedded bluish greenish clay rich siltstones, minor hard bluish grey sandy beds to 10cm.

The 'quartzite' siltstone beds become slightly brownish (humic acid?) with depth.

Disrupted, with minor coarsening of beds and some later fracturing and brecciation.

Some sparse lenticular beds < 2cm occur infrequently.

Cavity 36.3-38.0m.

38.4-76.9 SILTSTONES AND QUARTZITES

Thinly bedded siltstones - mostly grey and clay rich, some beds pale brown and quartzose. - siltstone to 5m separated by mid grey quartzite beds, mostly 0.5-1cm thick, occasional intervals to 5m of 50/50 quartzite/siltstone.

Main silt sediment disruption and brecciation, overall well bedded.

76.9-76.9 Faulted and sheared grey puggy material and broken core

76.9-110.0 QUARTZ PEBBLES IN MATRIX

Matrix pale pinkish cream, well fractured and pitted by weathering. Qz - rounded grains to 2mm, 3-5% Feldspar - all unweathered?

110.0-114.6 SILTSTONES AND QUARTZITES

See 38.4-76.9 for description.

Core fractured and broken 110-85.0 - some small puggy zones. ~ 45-50° CA.

112 Small fault zone - 10cm puggy material, 45°

112-115 - Core is well fractured and broken.

114.6-121.7 THINLY BEDDED SANDSTONES AND SILTSTONES

Scale of bedding < 2cm - hard bluish black medium grey fine grained quartzites separated by dark grey medium grey siliceous greenish grey clay rich siltstones. Thin white mica separate individual beds - originally pyritic laminae?

Weakly brecciated, with thin white clay and saponite filled fractures, apart from this very well bedded.

4.0-21.8	po. bluish, brown pg in granular aggregates to 20cm separated by bluish calc. saponite to 10cm.	60-70%
7.5-8.7	po in thin bands, argillitic and granular aggregates, some bluish mica.	20%
8.7-16.1	po, base pg in irregular patches and blebs to 5cm.	20%
11.0-14.2	po, base pg in irregular patches and blebs to 5cm.	10%
12.2-16.1	po, base pg in irregular patches and blebs to 5cm.	10%
16.1-21.8	po, base pg in irregular patches and blebs to 5cm.	10%
11.4-21.8	po, base pg in irregular patches and blebs to 5cm.	20%
21.8-22.4	trace sp	< 1%
22.4-27.0	pg, bluish, discon in quartzites and in thin veins and stringers with qtz and sparse carbonates.	2-3%
27.0-38.4	pg, bluish, discon and in sparse thin qtz veins with veins.	1-2%
38.4-76.9	pg, bluish, discon in quartzites and in sparse thin qtz veins with veins.	1%
54.7-76.9	pg, bluish, discon and in sparse thin qtz veins with veins. locally may be 70% for 1-2m.	2%
76.9-110.0	Trace pg, discon in quartzites and stringers with some rare, pg - associated veins.	< 1%
114.6-121.7	pg, bluish, discon in quartzites and stringers with sparse rare blebs pg.	70%