## SEDIMENTARY HOLDINGS NL - DRILL LOG

**PROJECT:** Forster **TENEMENT:** EL 11/84 **STATE:** TAS

**Hole No:** FRC 12 **Cordinates:** E N (AMG: ) **Total Depth:** 84m

**Collar** 5m **Azimuth:** 270° AMG **Declination:** -50° **Surveys:** **Comm:** 3/6/96 **Completed:**

**Precollar:** **Hole/Core Size:** **Logged by:** JAWH

| From | To | Rock Type | Min/Alter | Description | Au | Ag | As | Cu | Pb | Zn | Ni | Cr |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | | | Dark brown clay, red brown clay, pale khaki clay, minor qtz gravel | | | | | | | | |
| 1 | 2 | | | red brown clay, brown clay (minor), minor qtz gravel (? contamination) | | | | | | | | |
| 2 | 3 | | | fine, pale khaki clay, minor silica (Fe stained) & Fe O pebbles | | | | | | | | |
| 3 | 4 | | | fine red/brown clay. Geothite & silica pebbles. (Trace Fe stained coarse angular silica fragment) | | | | | | | | |
| 4 | 5 | | | Poor sample recovery fine pale khaki clay. Geothite pebbles silica pebble, Trace jasper | | | | | | | | |
| 5 | 6 | | | Pale khaki/grey to red brown clay. no pebbles | | | | | | | | |
| 6 | 7 | | | Pale khaki clay with Fe stained qtz pebbles, minor geothite & Trace small black chips (Mn O clay) | | | | | | | | |
| 7 | 8. | | | khaki clay, silica Fe stained pebbles, Trace qtz, geothite, Trace Mn O impregn clay | | | | | | | | |
| 8 | 11 | | | D. dark grey fine clay, white qtz pebbles, grey silica fragments (mod carbon.) | | | | | | | | |
| 11 | 12 | | | AA with less pebbles | | | | | | | | |
| 12 | 13 | | | dark grey fine carbonaceous clay, grey silica pebbles, trace dk green fragmen | | | | | | | | |
| 13 | 14 | | | dark grey clay AA, grey sandy silica pebbles | | | | | | | | |
| 14 | 15 | | | dark grey clay, large rounded green with hematite pebble, white qtz grey silica (poss serp.) | | | | | | | | |
| 15 | 16 | | | dark grey carbonaceous clay, dark grey silica, pale grey silica red & green trace AA | | | | | | | | |
| 16 | 17 | | | black shale type material, grey silica some stained green minor trace cry. white qtz vein red & green stained rocks AA. Most is grey clay carbonaceous | | | | | | | | |

| From | To | Rock Type | Min/Alter | Description FRC12 | Au | Ag | As | Cu | Pb | Zn | Ni | Cr |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 17 | 18 | | | Bottom of black/grey carbonaceous clay | | | | mixed in chips, traces, but logged separately | | | | |
| | | | | red brown clay, black grey carbonaceous clay | | | | | | | | |
| 18 | 19 | | | pale grey red/brown stained silica, white qtz pebble | | | | | | | | |
| 18 | 19 | | | dark brown clay, single rounded granite clast, soft grey silica, very few qtz chips | | | | | | | | |
| 19 | 20 | | MnO | red/brown clay, qtz pebble with veinlets of qtz, minor qtz, minor UHC | | | | | | | | |
| 20 | 21 | | | red/brown clay with black clay (UHC), silica sand of silica jasper (T.C | | | | | | | | |
| 21 | 22 | | | red/brown clay with black (UHC) sandy/mudstone clast & silica | | | | | | | | |
| 22 | 23 | | | brown/khaki clay no pebbles found | | | | | | | | |
| 23 | 24 | | | khaki/brown, blue & red brown clay no major chips, trace qtz & geothite (mi UH | | | | | | | | |
| 24 | 25 | | | pale brown, red/brown clay. Fe stained silica & green stained silica | | | | | | | | |
| 25 | 26 | | | brown clay with s. minor green chips | | | | | | | | |
| 26 | 27 | | | grey/blue, red/brown clay. no chips found | | | | | | | | |
| 27 | 28 | | | dark fine grained silicic rock, minor silica veinlets | | | | | | | | |
| | | | | vugs, crustiform texture in places | | | | | | | | |
| 28 | 29 | | | pale grey brown silica, Fe staining, trace grey silica | | | | | | | | |
| | | | | minor vugs with crustiform growth, trace clay veinlets | | | | | | | | |
| 29 | 30 | | | pale grey brown silica, Fe staining, vugs some empty | | | | | | | | |
| | | | | silica, silica Fe veinlets | | | | | | | | |
| 30 | 31 | | | AA minor grey silica (contamination) | | | | | | | | |
| 31 | 32 | | | pale grey brown silica, minor vugs, minor Fe & silica veinlets | | | | | | | | |
| 32 | 33 | | | AA | | | | | | | | |
| 33 | 34 | | | pale grey brown silica, trace grey silica, trace geothite, trace vugs | | | | | | | | |
| 34 | 35 | | | pale grey brown silica clear amber silica, minor vugs, kaolin like rock | | | | | | | | |
| | | | | green brown soft talc like fragment, yellow brown silica, green brown clay | | | | | | | | |
| 35 | 36 | | | AA with mostly pale grey silica, and trace geothite | | | | | | | | |
| | | | | | | | | | | | | |

376233

Correlate with FRC AMBER



| From | To | Rock Type | Min/Alter | Description FRC 12 | Au | Ag | As | Cu | Pb | Zn | Ni | Cr |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 36 | 37 | | MnO | pale grey vuggy silica, white kaolin like rock, amber rock not clear with lots of MnO, geothite minor dark grey fg silica | | | | | | | | |
| | | | | green brown clay. | | | | | | | | |
| 37 | 38 | | | AA | | | | | | | | |
| 38 | 39 | | | pale grey & brown silicate minor vugs white kaolin like rock minor geothite | | | | | | | | |
| 39 | 40 | | | white brown grey silica, brown clay, white qtz, kaolin like rock | | | | | | | | |
| 57 | 60 | | No Sample CAVITY | | | | | | | | | |
| 41 | 48 | | Poor Sample Return | | | | | | | | | |
| 40 | 41 | | | grey silica, vuggy texture, red silica | | | | | | | | |
| | | | | | | | | | | | | |
| 41 | 42 | | | white Fe stained silica with brown clay, minor grey silica and geothite | | | | | | | | |
| 42 | 44 | | MnO | white F stained rock, nonvugs, not as hard as silica, minor brown clay | | | | | | | | |
| 44 | 45 | | | Brown, fine grained, massive silica, trace white Fe stained rock AA | | | | | | | | |
| 45 | 48 | | | Brown (Amber) & white massive clear silica as seen in FRC 11, Trace vugs minor darker material | | | | | | | | |
| 48 | 49 | | MnO | Brown clay, pale grey silica with vugs & MnO, clear amber & white silica | | | | | | | | |
| 49 | 50 | | | Brown clay, pale grey silica (desilicified), minor white & amber silica trace brown slaty rock (possible vugs) | | | | | | | | |
| 50 | 51 | | | Brown clay, kaolin like rock, pale grey desilicified silica with vugs amber like spotty dark silica | | | | | | | | |
| 51 | 52 | | | AA with no kaolin like rock | | | | | | | | |
| 52 | 57 | | | pale grey vuggy silica, brown clay, trace Fe veinlets, massive minor CHC. | | | | | | | | |
| 57 | 59.5 | Cavity, No Sample | | | | | | | | | | |
| 59.5 | 60 | | | massive grey silica with minor vugs, white kaolin like rock, contrasted with clear amber silica | | | | | | | | |

| From | To | Rock Type | Min/Alter | Description FRC 12 | Au | Ag | As | Cu | Pb | Zn | Ni | Cr |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 60 | 61 | No | Sample | Cavity | | | | | | | | |
| 61 | 68 | | MnO. | brown silica, grey silica, trace amber silica, minor banding (61-62) | | | | | | | | |
| | | | | vugs throughout, trace MnO 64-68. | | | | | | | | |
| 68 | 69 | | | grey silica with MnO, minor brown fg silica with grey metallic | | | | | | | | |
| | | | | lustre on one surface (dark grey & looks dark green with | | | | | | | | |
| | | | | hand lens (arsenopyrite?) | | | | | | | | |
| 69 | 71 | | MnO | massive grey silica with minor brown staining & minor | | | | | | | | |
| | | | | pink staining | | | | | | | | |
| 71 | 73 | | MnO | grey silica with green & brown staining, Trace MnO & chromite | | | | | | | | |
| | | | Chromite | minor vugs, trace geothite. | | | | | | | | |
| 73 | 75 | | MnO | brown clay, grey silica, brown silica, white/brown pseudo karstic | | | | | | | | |
| | | | Chromite | fragments, geothite, Trace MnO & Chromite. | | | | | | | | |
| 75 | 76 | | | Mixing zone b/w silica & underlying marble. Main | | | | | | | | |
| | | | | constituent is white clay which is most likely altered | | | | | | | | |
| | | | | upper marble, pale grey silica, dark grey silica, marble | | | | | | | | |
| | | | | & brown silica | | | | | | | | |
| 76 | 81 | | MnO | pale grey/slight green marble with minor color variation | | | | | | | | |
| | | | | silica (UHC), Trace MnO | | | | | | | | |
| 81 | 84 | | | pale green & pale grey marble (83-84 showed an | | | | | | | | |
| | | | | increased amount of grey silica but this was the end | | | | | | | | |
| | | | | of the hole & was quite difficult drilling which may | | | | | | | | |
| | | | | have contributed to UHC | | | | | | | | |
| | | FOH 84 m | | | | | | | | | | |
| FOH was 6m short of proposed depth. Hole was a bleed in marble & | | | | | | | | | | | | |
| heading towards marble zone (BC5 & SW2). Driller thought we would get | | | | | | | | | | | | |
| logged if one more rod was drilled. Decided to pull out based on that info & the | | | | | | | | | | | | |
| fact that we had reached the marble zone predicted by BC5 & SW2. | | | | | | | | | | | | |