| Geology | | | Foliation | |
|---|---|---|---|---|
| From (m) | To (m) | Description | Depth (m) | Alpha$^0$ |
| 0 | 2.6 | Cainozoic sand - brown, medium grained, abundant roots in upper part. | | |
| 2.6 | 3.1 | Coarse grained sand and residual angular gravel. | | |
| 3.1 | 9.1 | Nil recovery. | | |
| 9.1 | 14.9 | Cream residual clay grading to strongly weathered , banded, ?altered metasiltstone. | | |
| 14.9 | 15.65 | Moderately weathered, coarse grained, weakly banded skarn consisting of substantial, brown, fibrous silicate (?amphibole), minor chlorite and indeterminate black silicate. Trace magnetic minerals, minor sulphide. | | |
| 15.65 | 21.3 | Thinly banded, fine grained, schistose, ?altered metasiltstone. Siltstone was probably dolomitic. Minor intervals of coarse grained skarn contain a little pyrrhotite. | 16<br><br>21 | 50<br><br>35 |
| 21.3 | 28.1 | Strongly weathered to moderately weathered , massive, un-foliated, medium grained skarn with substantial fibrous silicate, probable epidote, patchy minor pyrrhotite, minor chlorite and indeterminate silicates. | | |
| 28.1 | 37.4 | Similar to 15.65-21.3. Pale to medium grey metasiltstone with scattered, thin (to 100 mm) intervals of coarse grained skarn. Minor pyrrhotite and a brown, submetallic mineral in the skarn. | 29.1<br>31.5<br>33 | 65<br>60<br>0 |
| 37.4 | 38.2 | Black, unbanded skarn with coarse grained, black silicate, minor patches of cream ?amphibole, and minor pyrrhotite. | 35.6 | 25 |
| 38.2 | 55.8 | Similar 15.65-21.3. Thinly banded, pale to medium grey meta-siltstone with common pale green (?chloritic) bands. Sparse, thin intervals of coarse grained skarn. Minor pyrrhotite. | 39.6<br>44.3<br>50 | 40<br>45<br>50 |
| 55.8 | 62.6 | Substantial increase in the proportion of coarse grained skarn bands in the metasiltstone, ranging up to 50% in 55.8-56.6 m, 15-20% in 56.6-59.6 m and about 15% in 59.6-62.6 m. Skarn is mostly silicate with minor pyrrhotite and a submetallic mineral. | 55.8 | 50 |
| 62.6 | 74.6 | Similar to 15.65-21.3. Thinly interbanded, fine grained, grey and cream, altered metasiltstone. Isoclinal folds present with axial surfaces parallel to the dominant foliation. Minor intervals of coarse grained skarn. A little coarse grained muscovite in veinlets near 66m. Limonite and clay locally present on fractures. | 62.9<br>67.2<br><br>74 | 75<br>65<br><br>55 |
| 74.6 | 79.65 | Common thin (5-20 mm), pale coloured, coarse grained skarn intervals containing minor sulphides including pyrite, pyrrhotite and ?arsenopyrite. Minor submetallic mineral present. | | |
| 79.65 | 85.85 | Similar to 15.65-21.3. Thinly interbanded, fine grained, grey and cream, altered metasiltstone with a few thin intervals of coarse grained skarn. | 80.6<br><br>85.8 | -60<br><br>60 |
| 85.85 | 95.6 | Thinly banded, pale grey and dark grey metasiltstone with | | |

| Geology | | | Foliation | |
|---|---|---|---|---|
| From (m) | To (m) | Description | Depth (m) | Alpha$^0$ |
| | | thin pyrrhotite and pyrite bands forming up to about 10% of the | | |
| | | rock. Pyrrhotite and pyrite also present in common cross cutting | 89.2 | 55 |
| | | fractures. Metasiltstone becomes darker in colour near 95.6. | | |
| | | Interval includes a few cross cutting carbonate-quartz veinlets | | |
| | | 10-30 mm thick. | | |
| 95.6 | 103.8 | Black, graphitic, phyllitic metasiltstone or metamudstone with | | |
| | | minor thin, pale grey laminae. Pyrite and pyrrhotite are both | 98.6 | 60 |
| | | present in thin bands forming up to 10% of the core. Sulphides | | |
| | | also in thin cross cutting fractures. A few carbonate veins are | | |
| | | present with an 80 mm vein at 99.1 m containing pyrite, pyrrhotite, | | |
| | | sphalerite and chalcopyrite. Thermal metamorphic spotting is | | |
| | | evident in the blackest phyllite. | | |
| 103.8 | 106.4 | Fault. Interval of very broken, black phyllite with breccia at 103.8- | | |
| | | 103.9. | | |
| 106.4 | 118 | Pale grey laminae become more abundant giving an overall grey | | |
| | | colour to the rocks. The main foliation is at a high angle to bed- | 110.6 | -55 |
| | | ding indicating fold closure. Sulphide is generally less than 5% | | |
| | | with pyrrhotite dominant in some intervals and pyrite dominant in | 114 | 65 |
| | | others. | | |
| 118 | 118.15 | Fault. Very broken core of brecciated and sheared graphitic | | |
| | | phyllite | | |
| 118.15 | 124.67 | Similar 106.4-118. Thermal metamorphic spotting is evident in the | | |
| | | blackest phyllite. Sulphide is mainly pyrrhotite, which occurs as | | |
| | | films on foliation surfaces and in cross cutting fractures. Total | | |
| | | sulphide is less than 5%. | | |
| 124.67 | 125.1 | Intensely fractured quartzite unit or quartz vein with black | | |
| | | phyllite in fractures. About 5% pyrrhotite. | | |
| 125.1 | 133.7 | Similar 106.4-118. | | |
| 133.7 | 134.8 | Black phyllite with thin spotted intervals. Very broken, sheared | | |
| | | and polished. Pyrrhotite and pyrite less than 5%. | | |
| 134.8 | 141.8 | Banded metasiltstone similar 106.4-118. Weakly weathered with a | | |
| | | little limonite. Common thin (to 50 mm), metasandstone bands | | |
| | | after 137.6. | | |
| 141.8 | 144 | Micaceous metasandstone. Pyrrhotite as films on main foliation | | |
| | | and in a few pods 10-40 mm thick. | | |
| 144 | 149.6 | Interbanded metasiltstone, metasandstone and black, graphitic | | |
| | | phyllite Pyrrhotite and pyrite in films on main foliation. Total | | |
| | | sulphide remains less than 5%. | | |
| 149.6 | | EOH | | |