

GRID: 11+100 E **HOLE:** RCK-02 **COORDINATES:** 9+350N

BEARING: 110°

ANGLE: -75°

DEPTH: 280 feet

FROM

TO

DESCRIPTIONS

0'

107'

TUFF?

A fine grained micaceous, clay, carbonate and carbon rich material, the only variation noted was the presence of a very sticky clay. There are no discernible sedimentary features. Occasional methane would bubble to surface when penetrating this section. Material does not core.

107'

114'

QUARTZ RICH ROUNDED TO SUBROUNDED PEBBLES

The very occasional material retrieved was similar, rounded to subrounded, silicified, brecciated and of local volcanic aspect. Much difficulty was encountered in advancing through this section.

114'

151'

TUFF - RHYOLITIC

Fine grained - consistent one type fragments.

114' - 122': Hematite rich - gritty surface texture suggesting clay present.

122' - 148': Medium grained quartz brecciated tuff. Pyritic from 133' - 144½', most intense from 136' - 143'.

148' - 151': Section of green shaded quartz porphyry fragments.

151'

165'

QUARTZ FELDSPAR PORPHYRY

Siliceous - with a light green cast.

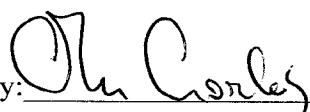
165'

172½'

TUFF - RHYLOITIC

Dark gray matrix - up to 5 cm. clasts of quartz porphyry and pumice.

Logged by:



Hole Number: Rck02 Sheet Number: 21

<u>FROM</u>	<u>TO</u>	<u>DESCRIPTIONS</u>
172½'	178'	QUARTZ BRECCIA Clay rich and coarse grained. 174': 2 cm. quartz vein at 45° CA.
178'	181'	TUFF - RHYOLITIC As 165' - 172½'
181'	183'	QUARTZ FELDSPAR PORPHYRY Siliceous, with light green cast.
183'	186'	BANDED QUARTZ Gray-green, finely banded quartz 45° - 60°CA. Occasionally gray quartz spherules (to 2 cm.) are stretched out along banding planes. 183½': Distinctly appears to be a fine banded epithermal feature - also noted short section at 184'. Perhaps this is simply a silicification of flow banded rhyolite.
186'	188'	TUFF - RHYOLITIC As 165' - 172½'.
188'	214½'	HYDROTHERMAL BRECCIA Dark gray to black fine grained breccia matrix hydraulically disrupting a green shaded quartz eye feldspar porphyry. Very nice jigsaw purple texture developed. 213' - 214½': Breccia matrix % increases.
214½'	220'	QUARTZ BRECCIA Clay rich and coarse grained. Occasional remnants of fine grained tuff.

Logged by: Ohlberg Hole Number: 2102 Sheet Number: 2

<u>FROM</u>	<u>TO</u>	<u>DESCRIPTIONS</u>
220'	222½'	TUFF - RHYOLITIC Dark gray matrix - as 165' - 172½'.
222½'	227½'	MAFIC DIKE: LAMPROPHYRE? Silicified, porphyritic and of light gray colour. Fine grained matrix. 226½': Prominent orange-red hematite veining.
227½'	243'	HYDROTHERMAL BRECCIA Dark gray to black fine grained breccia matrix with clasts mainly of quartz feldspar porphyry together with minor dike fragments. 234' - 235': Pyrite to 5%.
243'	243½'	CARBONACEOUS RICH CLAY Minor fine grained tuff fragments noted. Robust methane escape for several minutes while passing through this interval.
243½'	248½'	QUARTZ BRECCIA A gritty, coarse grained breccia supported by clay matrix.
248½'	280'	HYDROTHERMAL BRECCIA Dark gray to black matrix bounds clasts of feldspar porphyry (some flow banded) and a dominant mafic dike rock. Breccia is of a coarse gravelly surface texture where clay rich - other sections are intensely silicified, portions which reflect a dark gray cast. 248½' - 249': White quartz vein stockwork. 263' - 266': White quartz vein stockwork. E.O.H.

Logged by: Qm Carly Hole Number: 12402 Sheet Number: 3