

J.S. Cummings Inc.

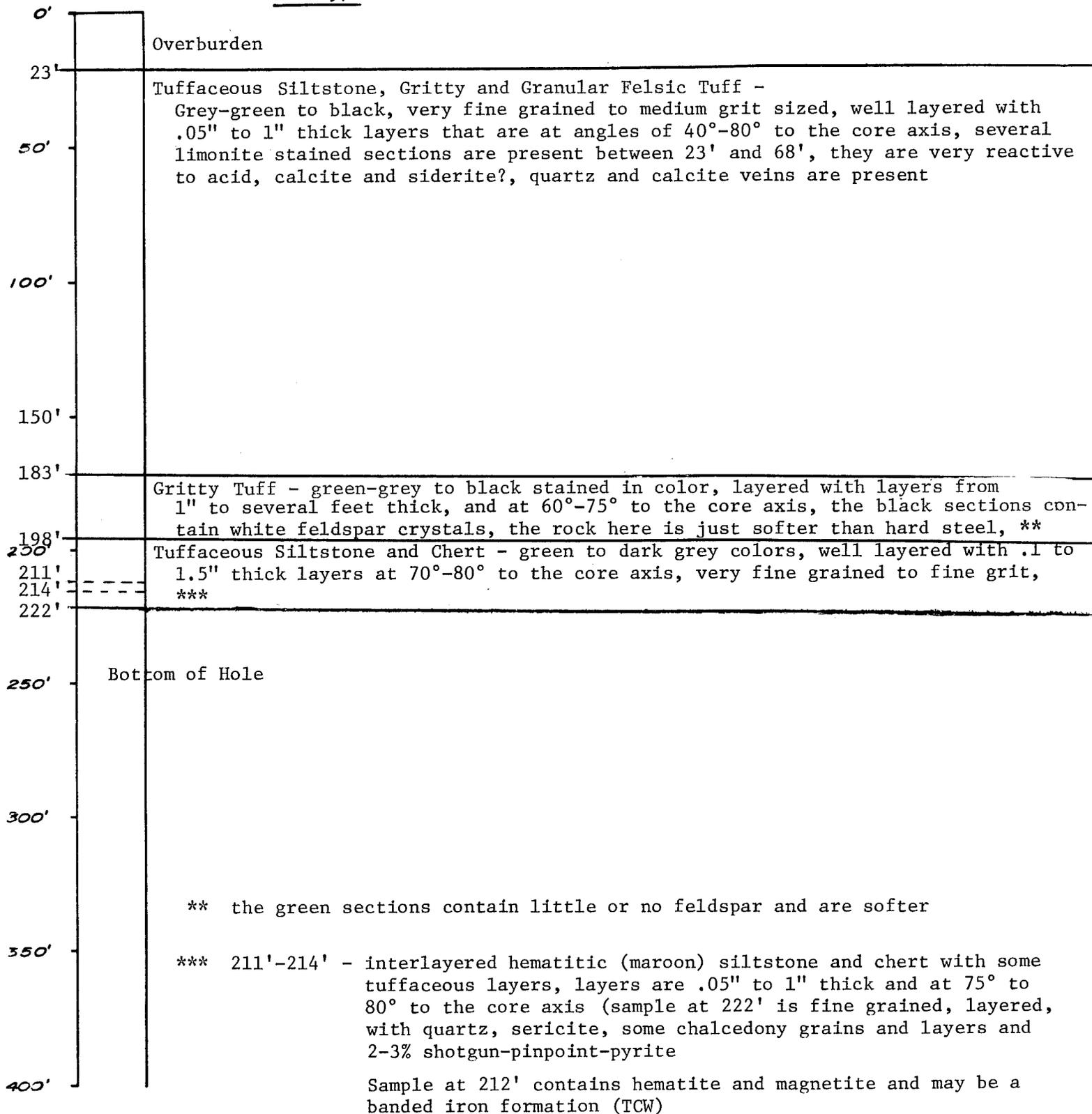
LITHOLOGIC LOG

Project T9-R9 Lithologic Hole no. 99-10 Dip -45° Started 6/15/81 Elev.

Job no. 271 Township T9-R9 See Sketch
 Coord. 271-6 Direction 156° Mag Completed 6/16/81

NW 1/4 - near Mooseleuk Mtn.

Lithotype



CL Woodard
March 1, 1982

RE-EVALUATION BASED ON BINOCULAR EXAMINATION OF
DRILL CORE IN OFFICE

99-10

- 23 - 183 - Mixed Felsic Tuffs and Felsic Gritty Tuffs - mixed fine granular felsic tuff and felsic gritty granular tuff, very fine grained, grey and soft, granular felsic tuff mixed with layers of coarser grained, slightly harder lt. grey-green granular felsic tuff; some sections orange limonite stained with some calcite associated with limonite stained layers (log says from 23'-68'); examined samples at 30', 50', 70', 90', 110', 130', 150', and 170'.
- 183 - 198 - Dark Felsic Gritty Tuff - dk. grey micro matrix of qtz and minor sericite contains abundant angular and sub-rounded broken white and slightly scratchable feldspars plus some fine qtz crystals plus 5-10% black hard and a few soft grit sized rock frags, grains look weakly layered into matrix, (drill log notes also green colored sections, softer and containing little to no feldspars - no samples in office); examined sample at 190'.
- 198 - 222 - Banded Tuffaceous Siltstone (magnetic, hematitic and weakly cherty from 211'-214') and Fine Grained Felsic Tuff??
- (A) 200-211 - Banded Tuffaceous Siltstone - sample at 210' shows fine alternating very weakly hematitic maroon layers and lt. grey-ish-green layers, all layers very soft and sericitic and containing very minor fine feldspar and qtz crystals.
- (B) 211-214 - Banded Iron Formation? - banded tuffaceous, hematitic, magnetic, and weakly cherty siltstone containing red hematitic and cherty bands and lesser harder maroon and pale green bands, bands are .05-1.0" thick, core at 212' is quite strongly magnetic, weakly calcareous and weakly tuffaceous with visible fine qtz crystals, black magnetite, and calcite crystals layered into matrix.
- (C) 214-222 - Fine Granular Felsic Tuff? - somewhere between 214' and 222' lithology changes back to a fine granular felsic tuff (lt. grey), soft and layered, very fine equigranular grains, only very weakly gritty, could be a siltstone?.

Examined core at 210', 212', and 222'.

