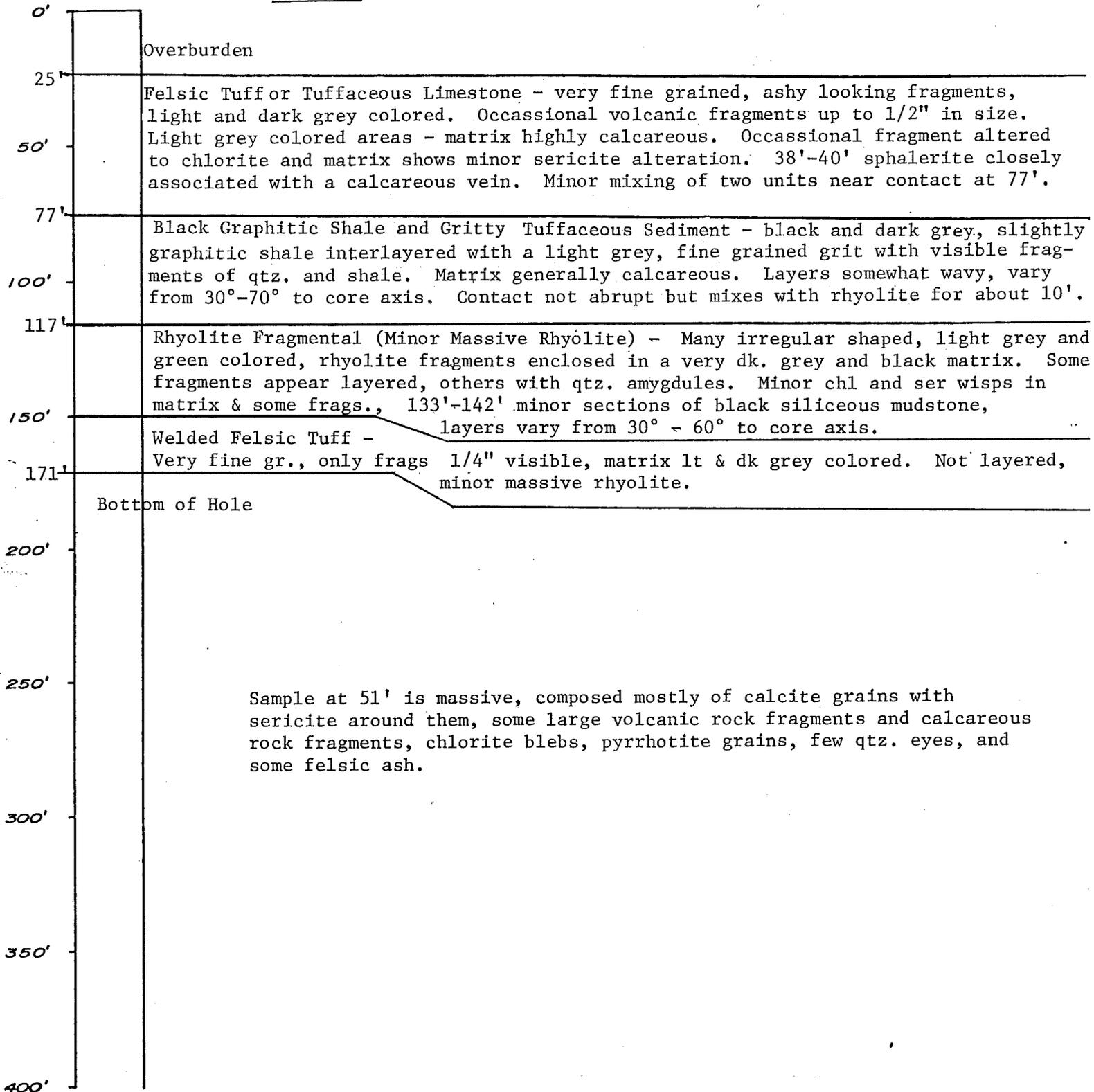


LITHOLOGIC LOG

Project Ragged Mtn. Extension Hole no. RMX-10 Dip -45° Started 12/9/80 Elev. _____

Job no. 272.2 Township T9-R10 Coord. See Sketch 272-8 Direction 336° Mag Completed 12/16/80
 SW 1/4 - Roads S & W of Ragged Mtn.

Lithotype



RE-EVALUATION

RMX-10

- 25 - 77 - highly altered (sericitic) felsic tuff? or fragmental?, abundant sericitic alteration (> 50%), highly sericitic wispy (matrix?) containing abundant seritized feldspar (many lath shapes), lesser qtz and 10-20% altered volcanic rock frags, sericitic "matrix" may also be fine pyroclastic frags, core varies from weakly to strongly calcareous (as fragments?) from 31' down, very wispy looking core, difficult to tell matrix from frags, NOTE - core is locally broken up into large lapilli sized pieces (see core at 30', 35', and 39'), good pyrrhotite and pyrite mineralization, from 38'-40' sphalerite, binocs done at 30', 38.5', 51' and 54'
- 77 - 117 - from core piece at 89':
layered intermixed shale and calcareous greywacke (no binoc)
- 117 - 150 - felsic tuffaceous lapilli fragmental, core at 140' contains abundant weakly altered rhyolite frags in a grey hard matrix, drill log notes minor sections (133'-142') of black siliceous siltstone - no samples in office, called "mudstone" in log, sample at 118' is fine welded felsic tuff, sample is not described in log, binocs done on core at 118' and 140'
- 150 - 171 - fine felsic tuff with minor grit??, drill log says welded felsic tuff, matrix is either a weakly altered felsic tuff or also a possible rhyolite as fine grains are interlocking and look massive locally, matrix contains minor both gritty and felsic volcanic rock frags, plus minor massive to semi-massive sulphide grit sized frags, (not really sure what sample is) binoc sheet for sample at 168'

J. S. Cummings, Inc.

DDH RMX-10 - (Assays for Portion of Hole)

<u>DEPTH (FEET)</u> <u>FROM COLLAR</u>	<u>LENGTH</u>	<u>% Zn</u>	<u>% Cu</u>	<u>% Pb</u>	<u>Oz/Ag</u>	<u>Oz/Au</u>	<u>Approx. % Sulphide</u>	<u>SiO₂</u>	<u>CaCO₃</u>
25 - 35	10'	None	0.012		None	Trace	11.8	39.09	14.13
35 - 45	10'	0.40	None	None	None	None	4.9	23.03	46.42
45 - 55	10'	None	None		None	None	6.2		
55 - 65	10'	None	0.006		0.3	None	4.0		
65 - 71	6'	None	None		0.3	None	6.5		
71 - 81	10'	None	None		0.4	Trace	8.0		

Bottom of Hole: 171'