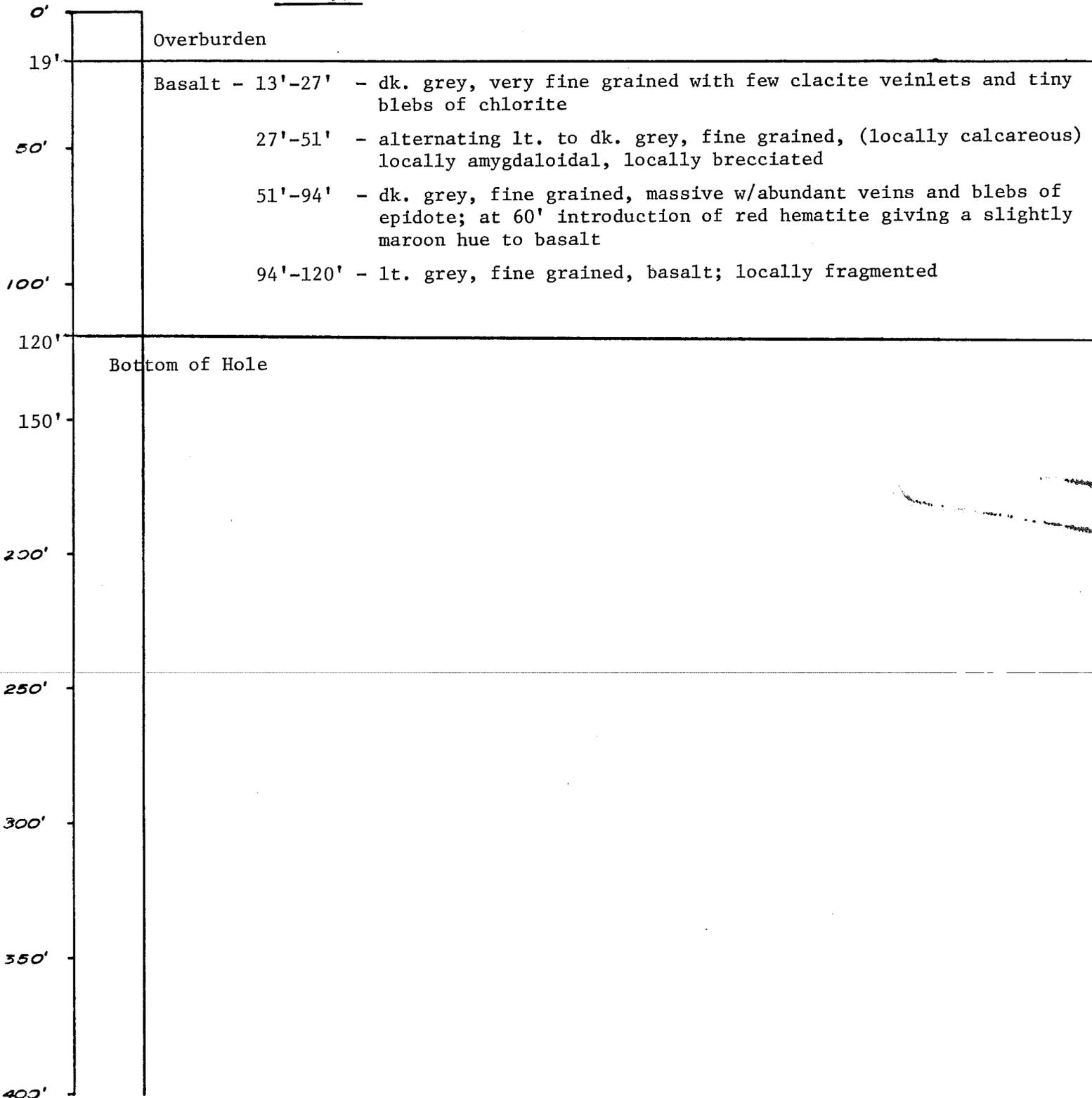


J.S. Cummings Inc.

LITHOLOGIC LOGProject T11-R9 Lithologic Hole no. 119-1 Dip -45° Started 9/1/81 Elev.       Job no. 279 Township T11-R9 See Sketch  
Coord. 279-14 Direction 156° Mag Completed 9/1/81  
W 1/2 - S of Rocky BrookLithotype



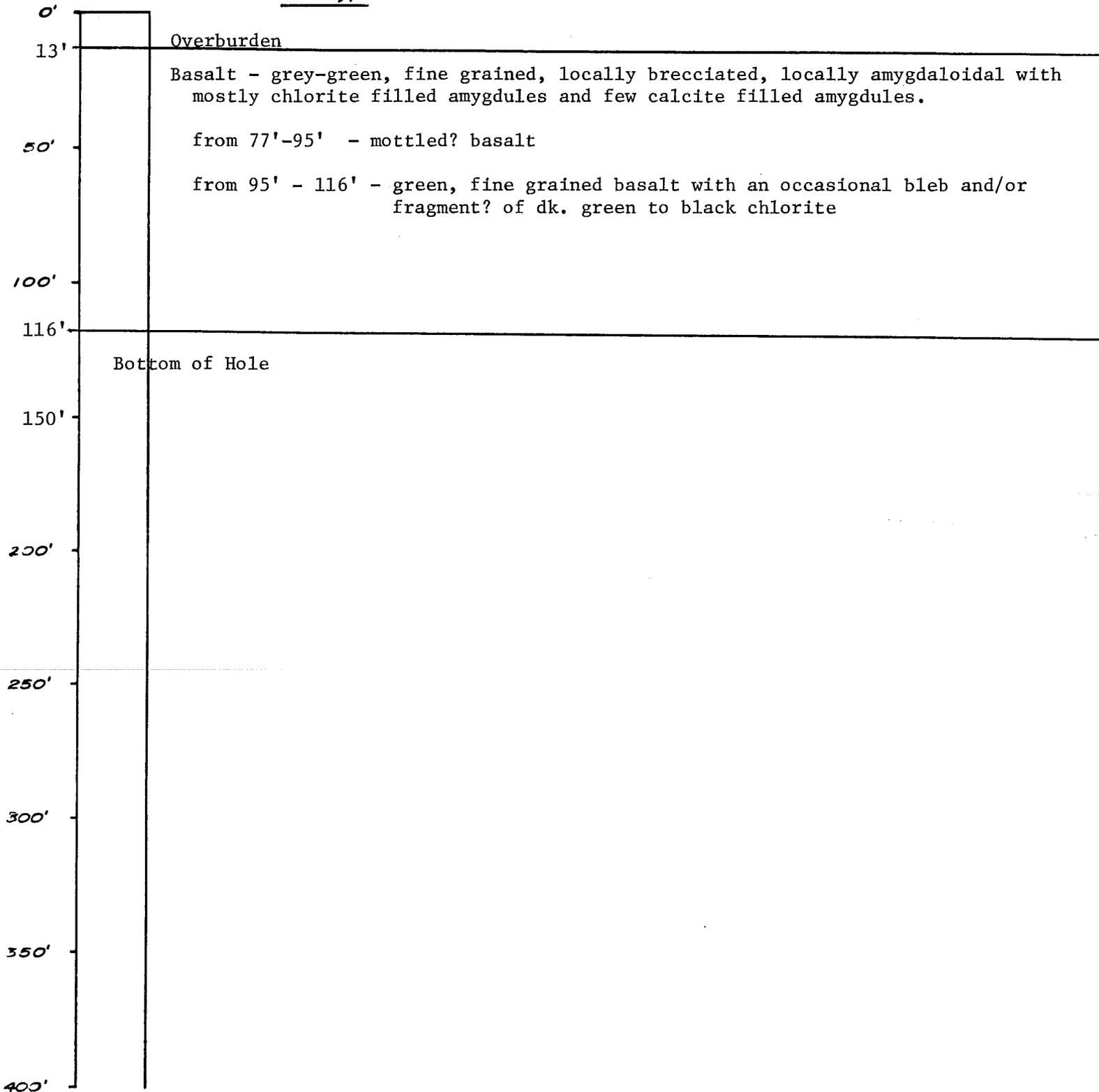
LITHOLOGIC LOG

Project T11-R9 Lithologic Hole no. 119-2 Dip -45° Started 9/2/81 Elev.       

Job no. 279 Township T11-R9 See Sketch  
Coord. 279-14 Direction 156° Mag Completed 9/2/81

W 1/2 - S of Rocky Brook

Lithotype





J.S. Cummings Inc.

LITHOLOGIC LOG

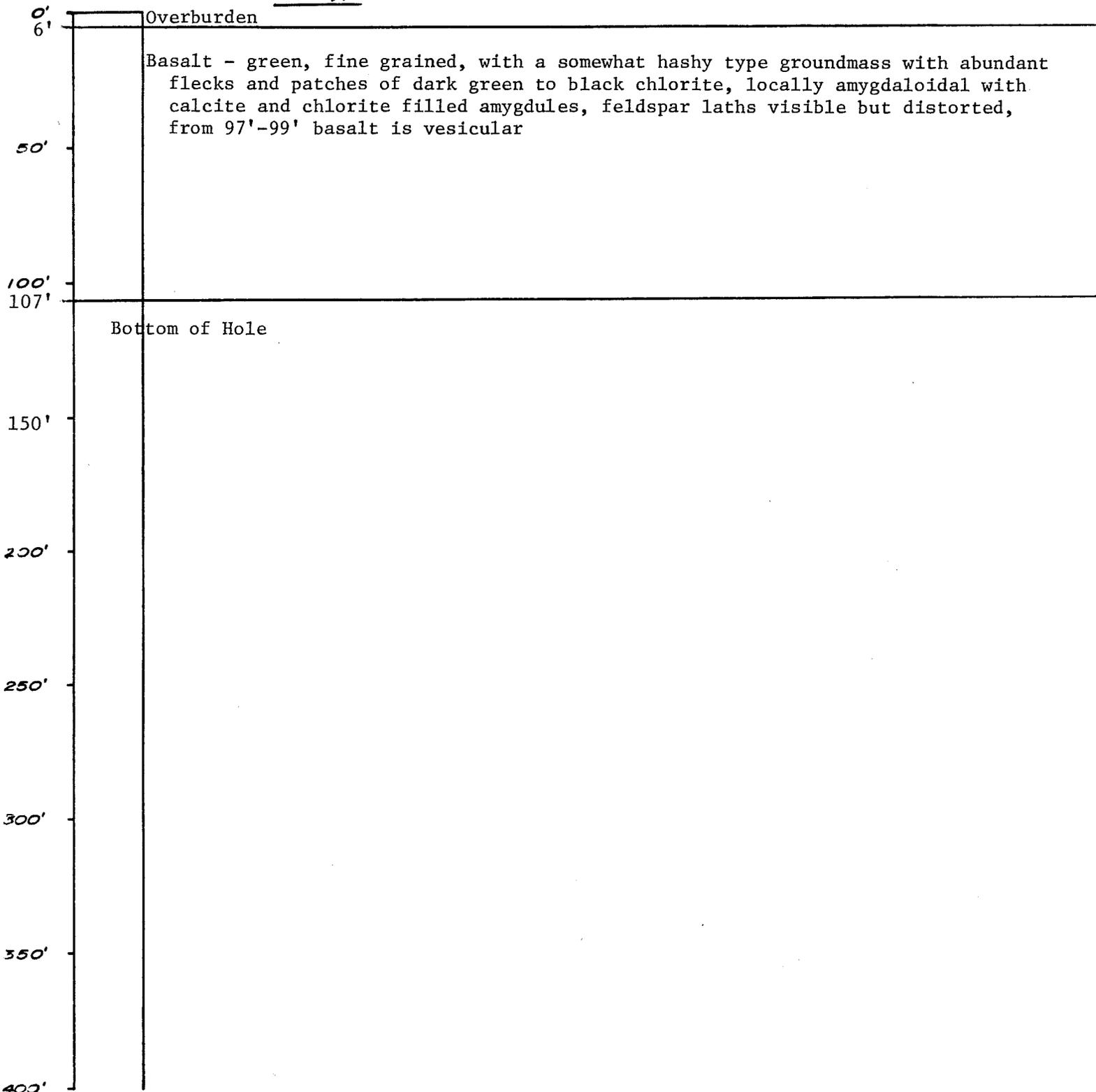
Project T11-R9 Lithologic Hole no. 119-3 Dip -45° Started 9/3/81 Elev. \_\_\_\_\_

Job no. 279 Township T11-R9 Coord. 279-14 Direction 156° Mag Completed 9/8/81

See Sketch

W 1/2

Lithotype





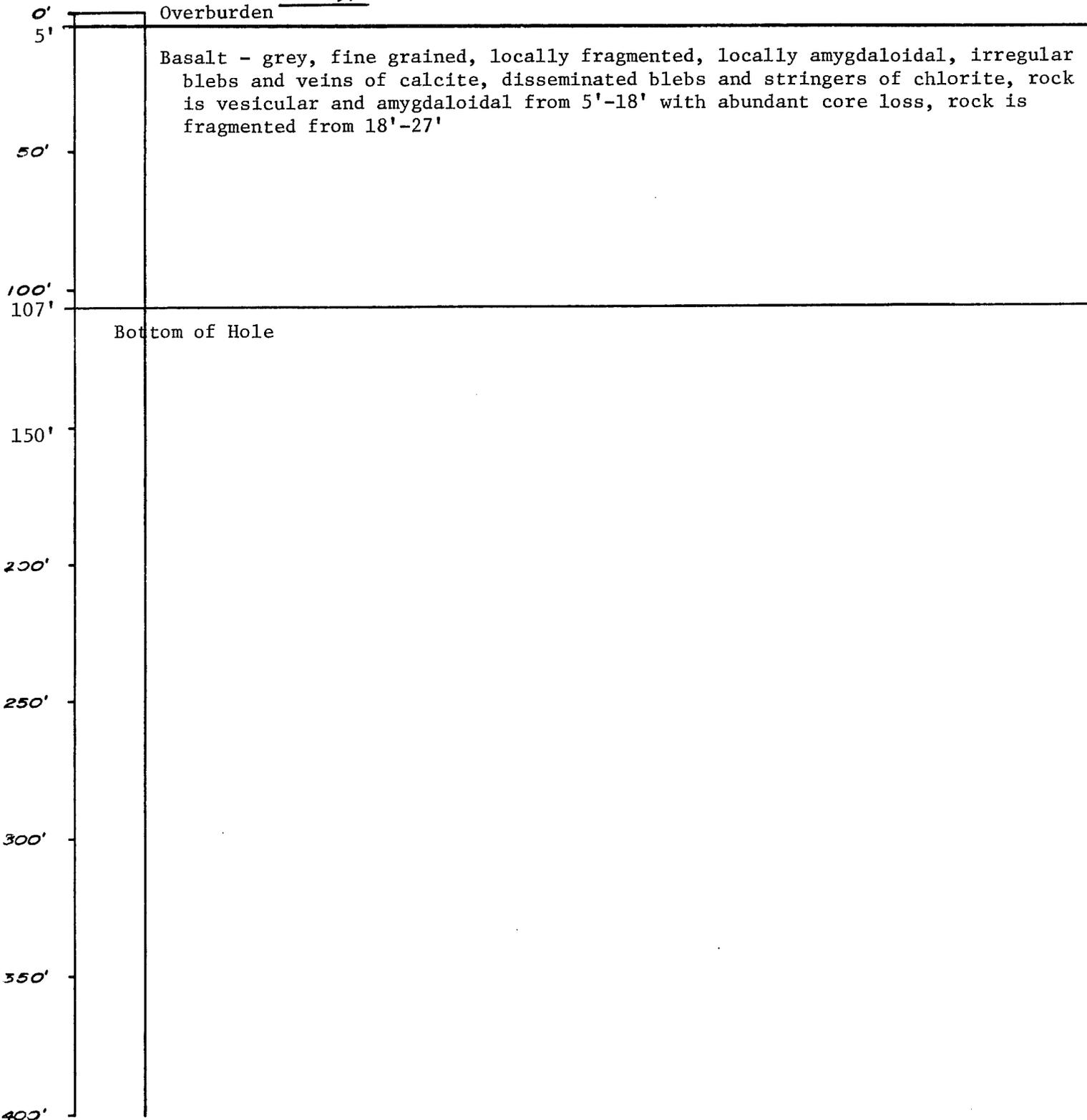
J.S. Cummings Inc.

LITHOLOGIC LOG

Project T11-R9 Lithologic Hole no. 119-4 Dip -45° Started 9/8/81 Elev.         

Job no. 279 Township T11-R9 See Sketch  
Coord. 279-14 Direction 156° Mag Completed 9/8/81  
NW 1/4

Lithotype





J.S. Cummings Inc.

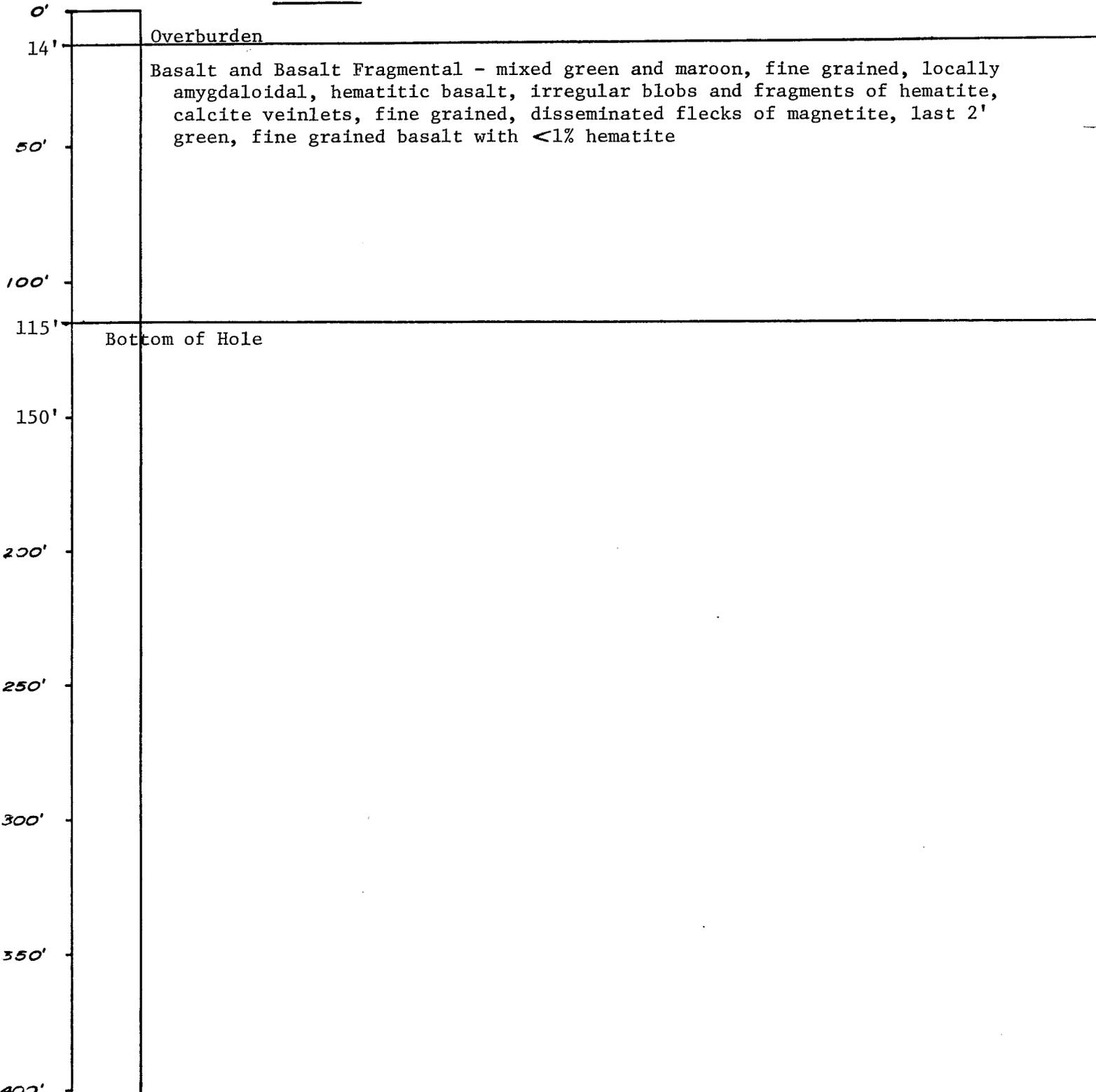
LITHOLOGIC LOG

Project T11-R9 Lithologic Hole no. 119-5 Dip -45° Started 9/9/81 Elev.         

Job no. 279 Township T11-R9 See Sketch  
Coord. 279-14 Direction 156° Mag Completed 9/10/81

SW 1/4

Lithotype





J.S. Cummings Inc.

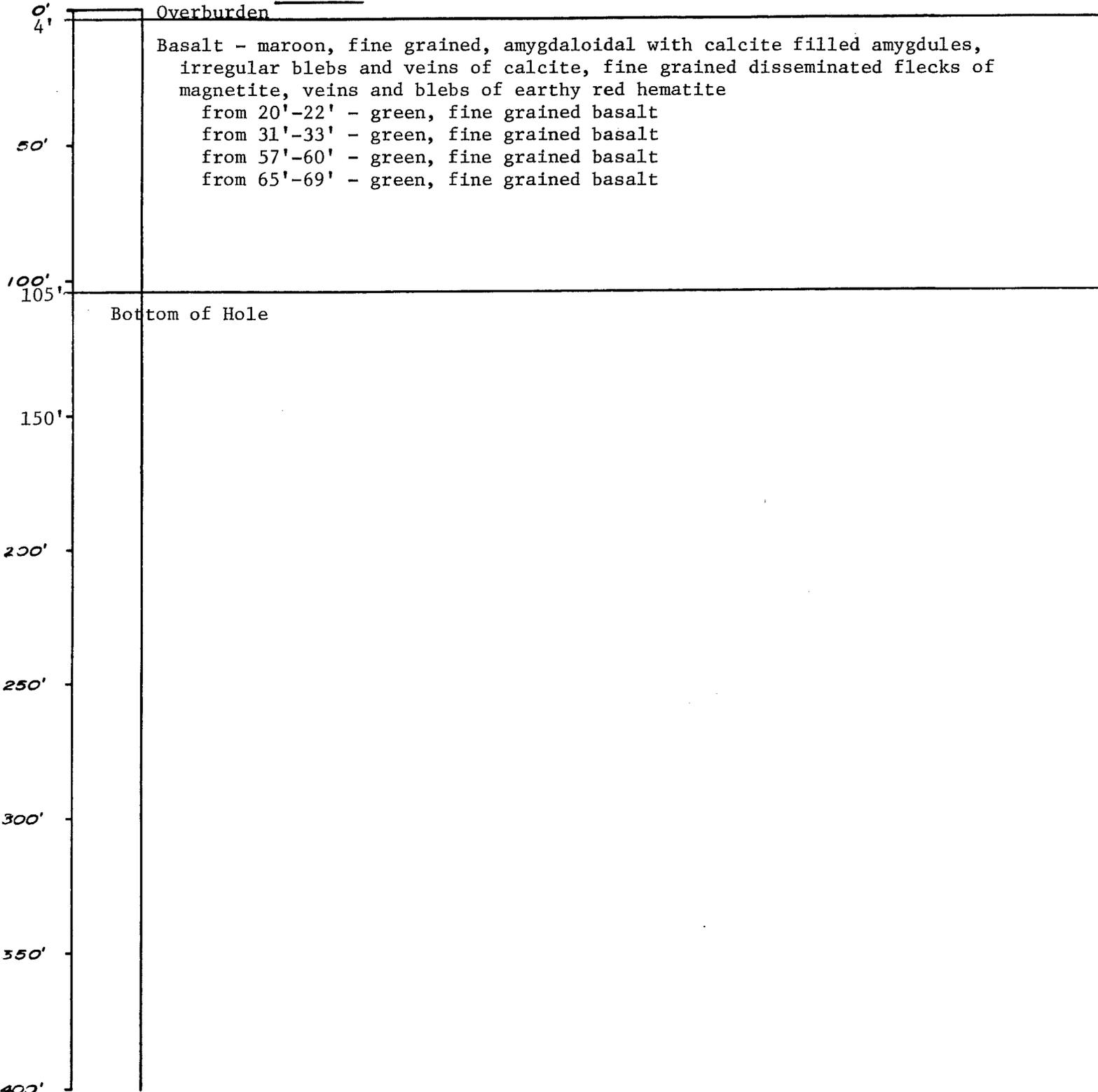
LITHOLOGIC LOG

Project T11-R9 Lithologic Hole no. 119-6 Dip -45° Started 9/10/81 Elev.         

Job no. 279 Township T11-R9 See Sketch  
Coord. 279-14 Direction 156° Mag Completed 9/10/81

SW 1/2 - Old Reality Road

Lithotype





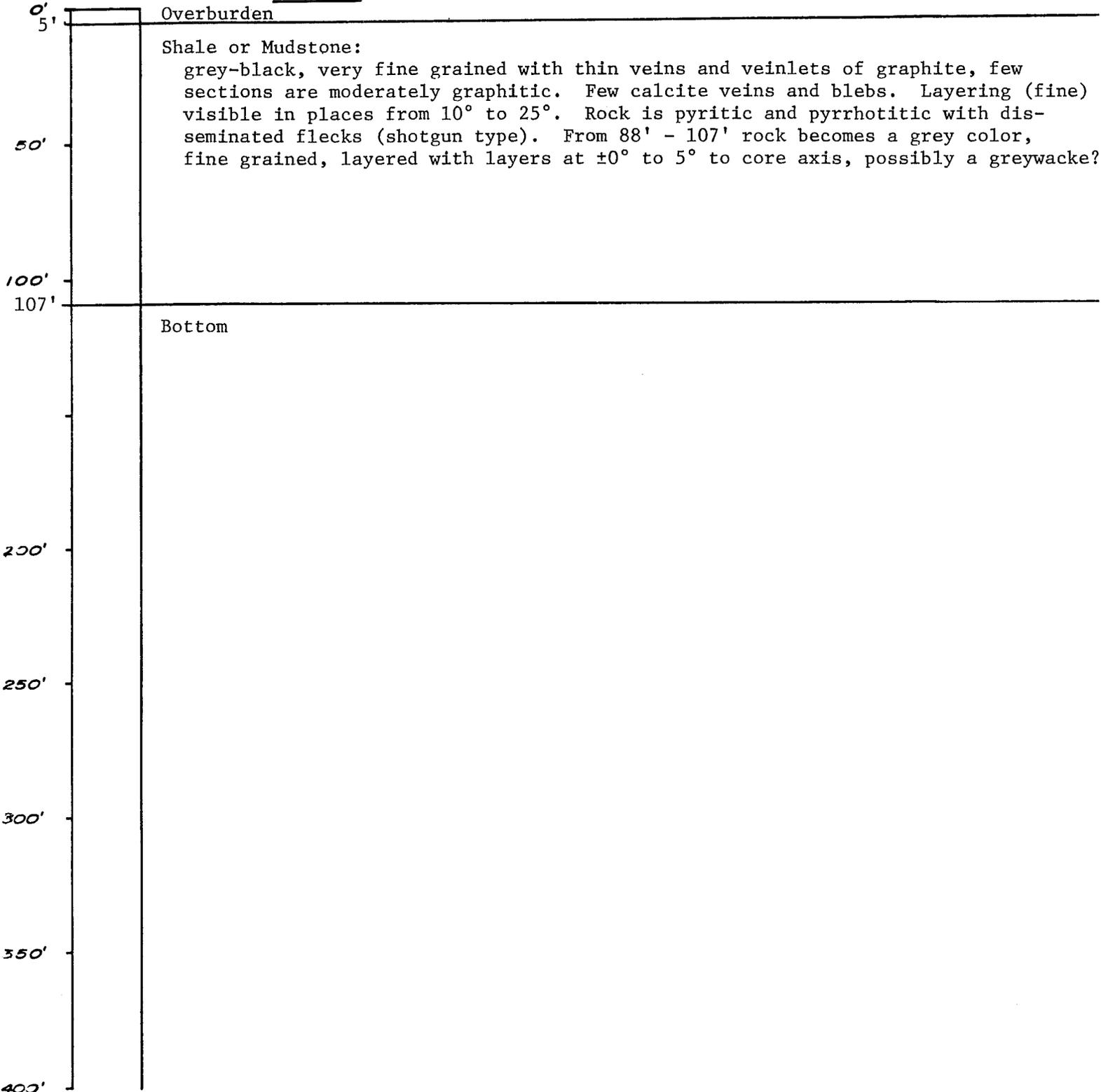
LITHOLOGIC LOG

Project T11-R9 LITHOLOGIC DRILLING Hole no. 119-7 Dip -45° Started 9/14/81 Elev.       

Job no. 279 Township T11-R9 See Sketch  
Coord. 279-14 Direction 156°mag Completed 9/15/81

SW 1/4 T11-R9

Lithotype





J.S. Cummings Inc.

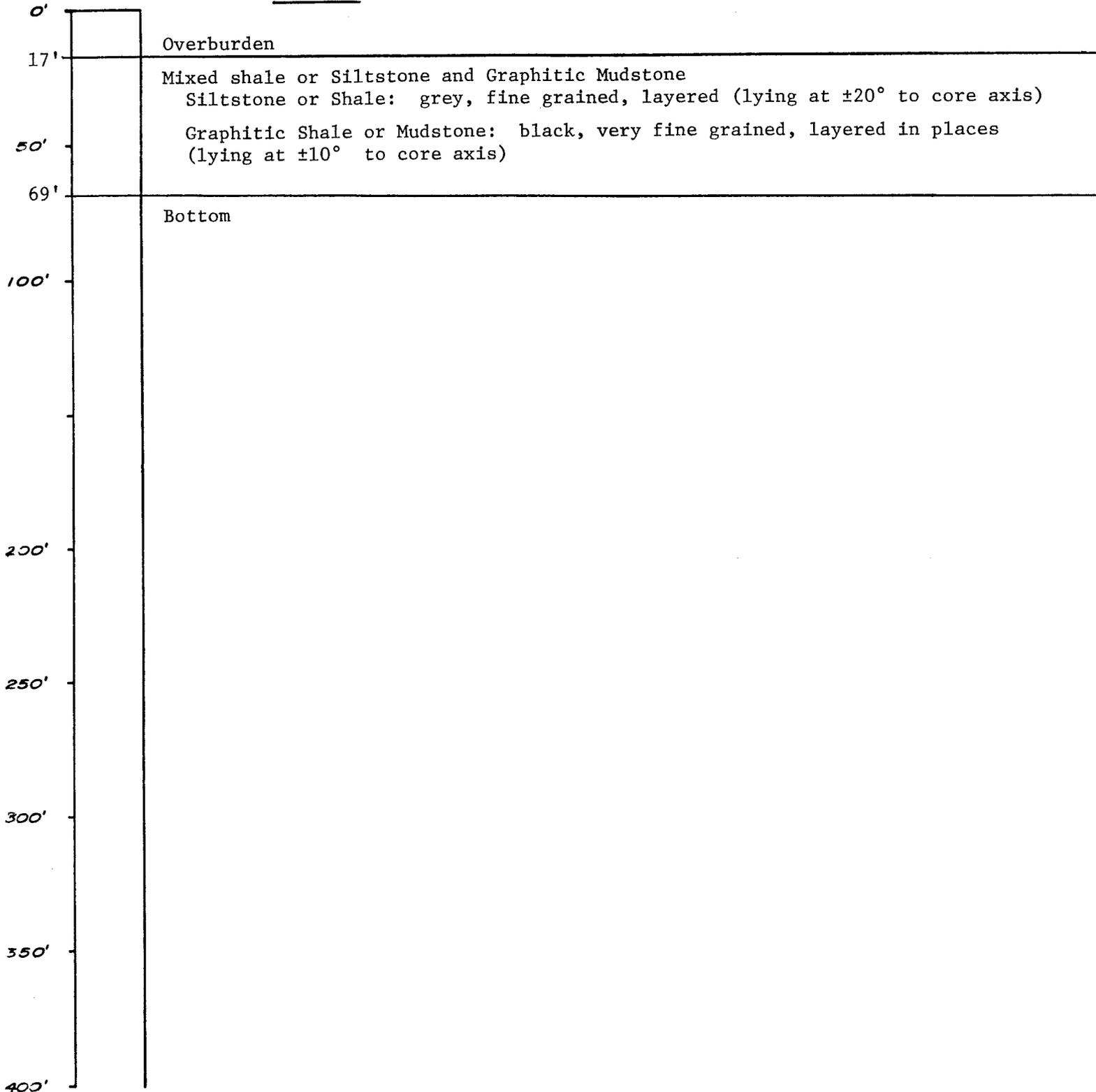
LITHOLOGIC LOG

Project T11-R9 LITHOLOGIC DRILLING Hole no. 119-8 Dip -45° Started 9/15/81 Elev.       

Job no. 279 Township T11-R9 See Sketch  
Coord. 279-14 Direction 156°mag Completed 9/16/81

S.W. 1/4 of T11-R9

Lithotype



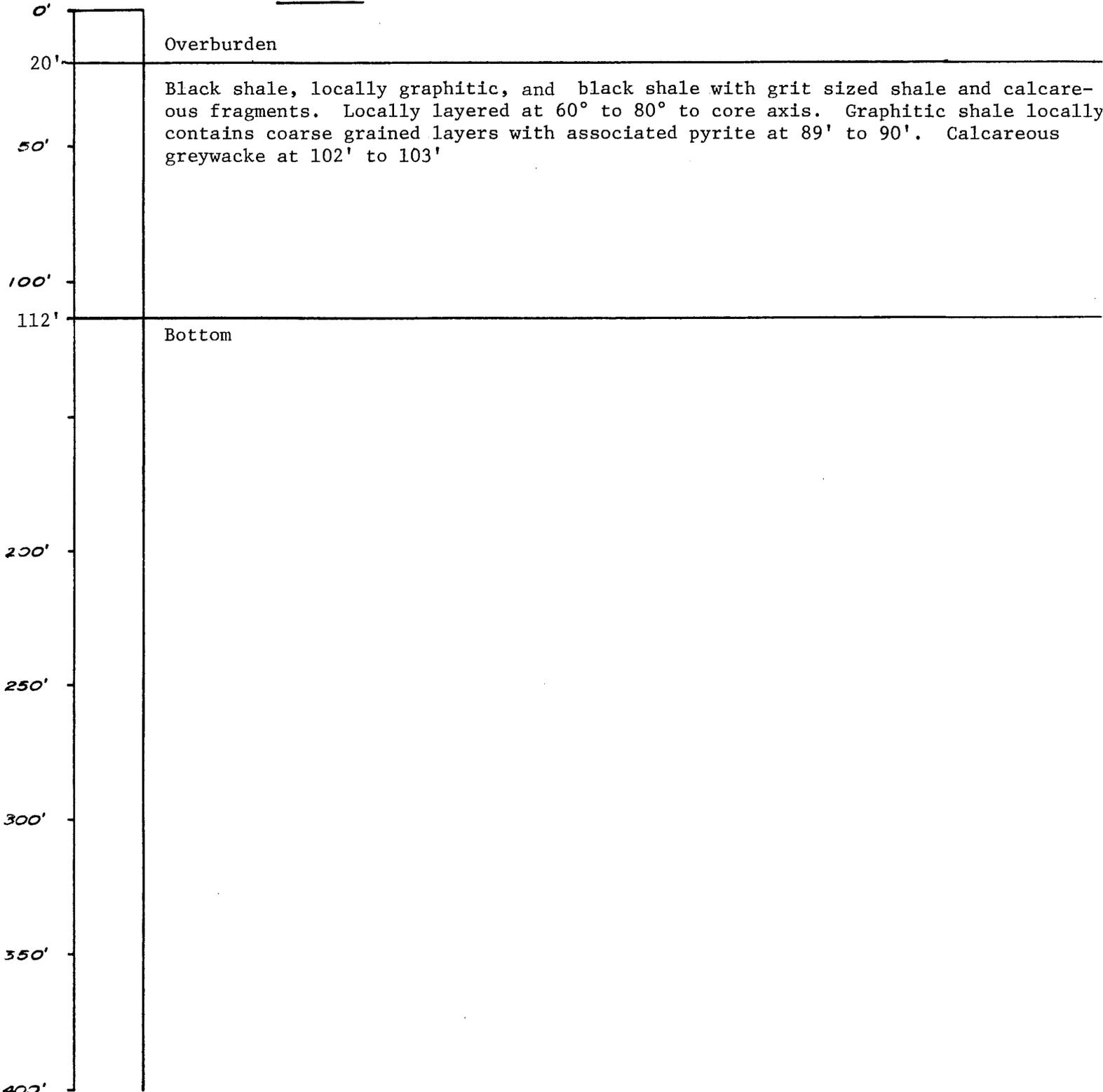


LITHOLOGIC LOG

Project T11-R9 LITHOLOGIC DRILLING Hole no. 119-9 Dip -45° Started 9/16/81 Elev.       

Job no. 279 Township T11-R9 See Sketch  
Coord. 279-14 Direction 336°mag Completed 9/17/81  
S.W. 1/4 of T11-R9

Lithotype





LITHOLOGIC LOG

Project T11-R9 LITHOLOGIC DRILLING Hole no. 119-10 Dip -45° Started 9/18/81 Elev.       

Job no. 279 Township T11-R9 See Sketch  
 Coord. 279-14 Direction 336°mag Completed 9/18/81  
 S.W. 1/4 of T11-R9

Lithotype

0'	Overburden
6'	Intermixed gritty tuff (or tuffaceous greywacke?) and lesser shale. Soft grey tuff contains abundant shale grit and some quartz and minor light colored hard rock fragments and minor calcite. Shale fragments weakly layered in tuff 50°-70° to core axis. Intermixed shale is soft and black with minor quartz grit and locally contains wispy fine grained gritty tuff layers. Locally calcareous
50'	
74'	Shale - soft, black and grey, wispy layers. Locally calcareous. Contains minor lenses and layers of gritty tuff (or tuffaceous greywacke) like above ranging from 1" to 6". Layering in shale is irregular.
100'	
107'	Bottom
200'	
250'	
300'	
350'	
400'	

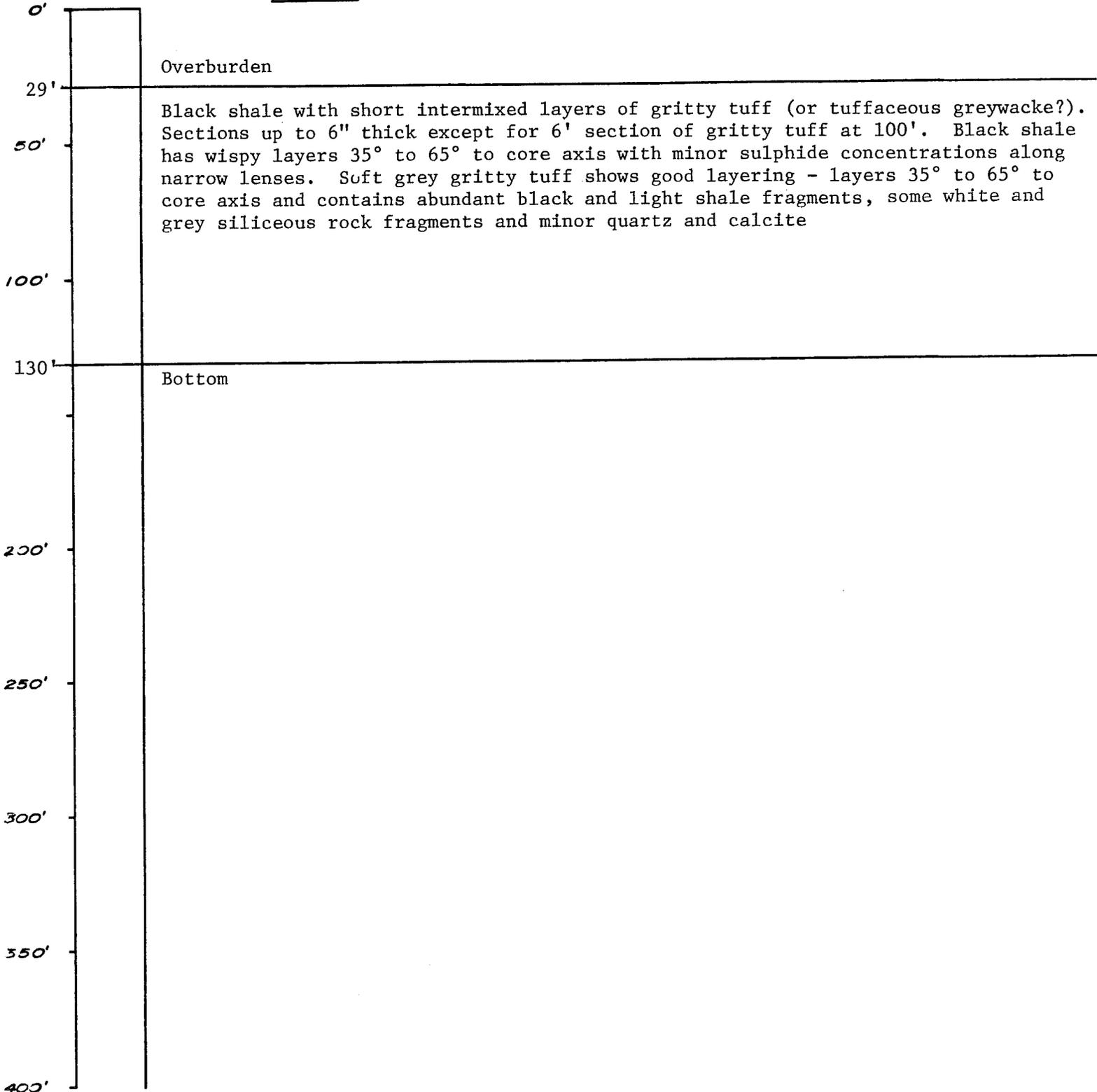


LITHOLOGIC LOG

Project T11-R9 LITHOLOGIC DRILLING Hole no. 119-11 Dip -45° Started 9/18/81 Elev.       

Job no. 279 Township T11-R9 See Sketch  
Coord. 279-14 Direction 336°mag Completed 9/19/81  
S.W. 1/4 T11-R9

Lithotype





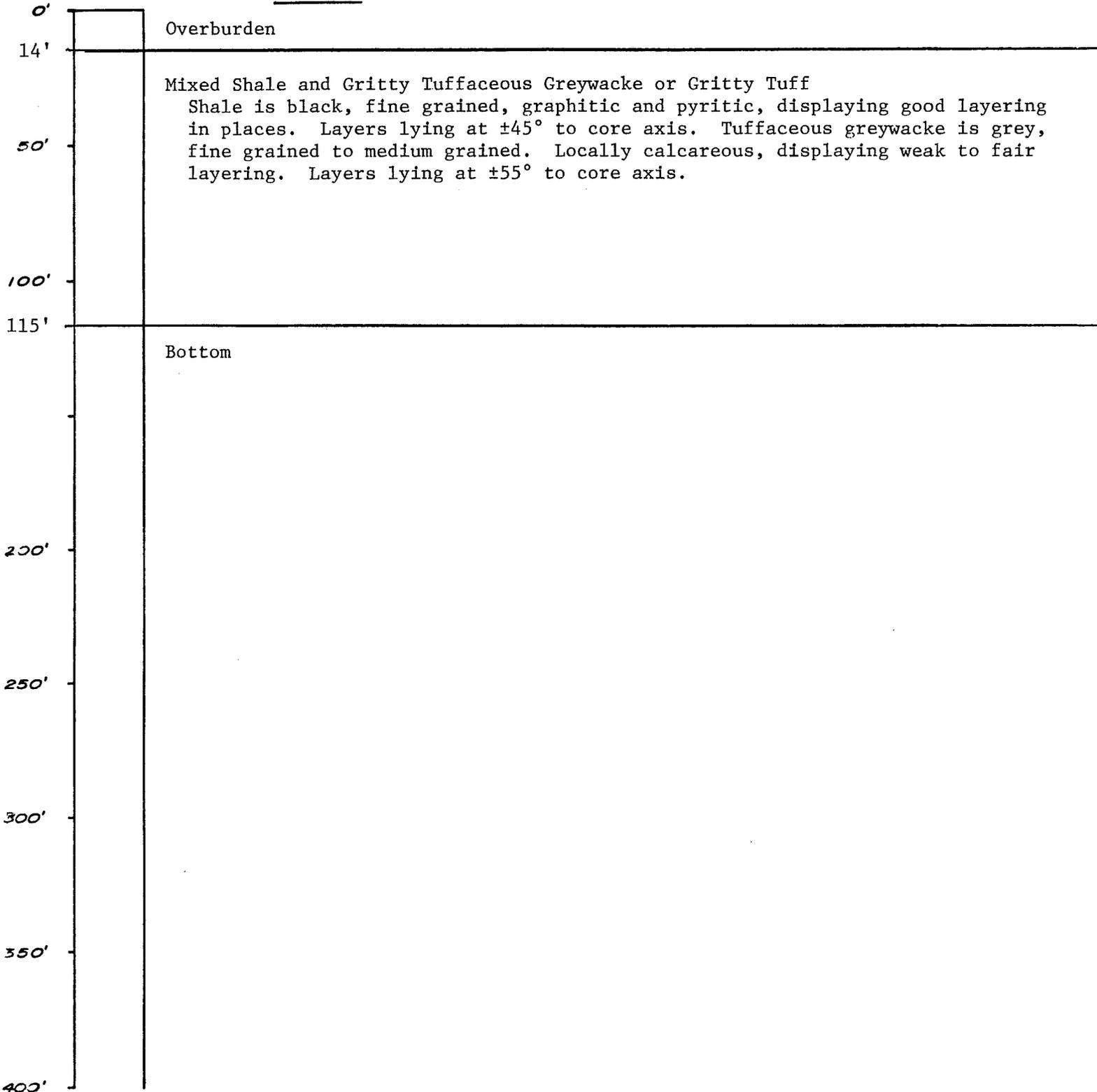
LITHOLOGIC LOG

Project T11-R9 LITHOLOGIC DRILLING Hole no. 119-12 Dip -45° Started 9/20/81 Elev.       

See Sketch

Job no. 279 Township T11-R9 Coord. 279-14 Direction 336° mag Completed 9/20/81  
S.W. 1/4 of T11-R9

Lithotype



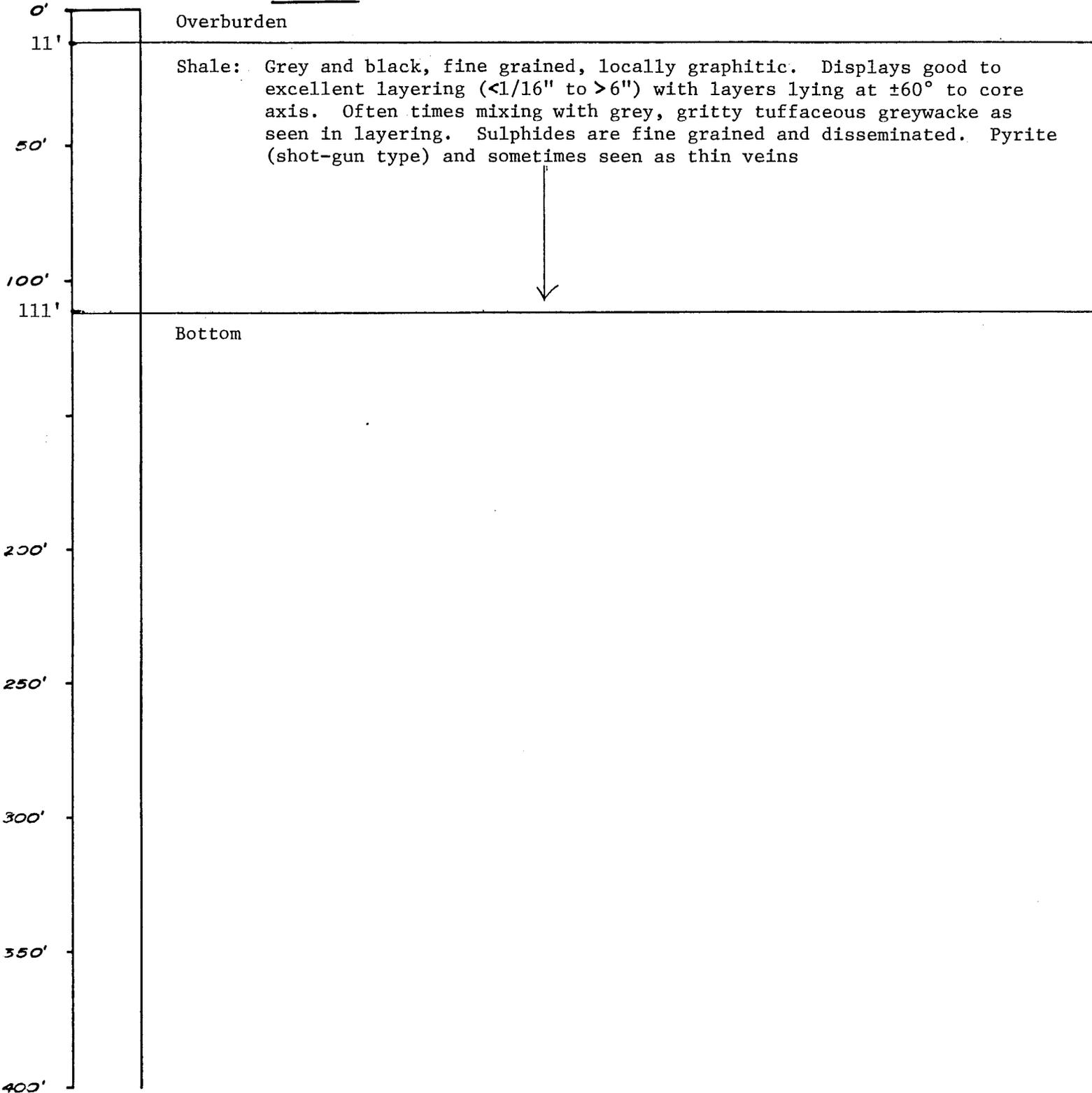


LITHOLOGIC LOG

Project T11-R9 LITHOLOGIC DRILLING Hole no. 119-13 Dip -45° Started 9/21/81 Elev.       

Job no. 279 Township T11-R9 See Sketch  
Coord. 279-14 Direction 336°mag Completed 9/22/81  
S.W. 1/4 of T11-R9

Lithotype





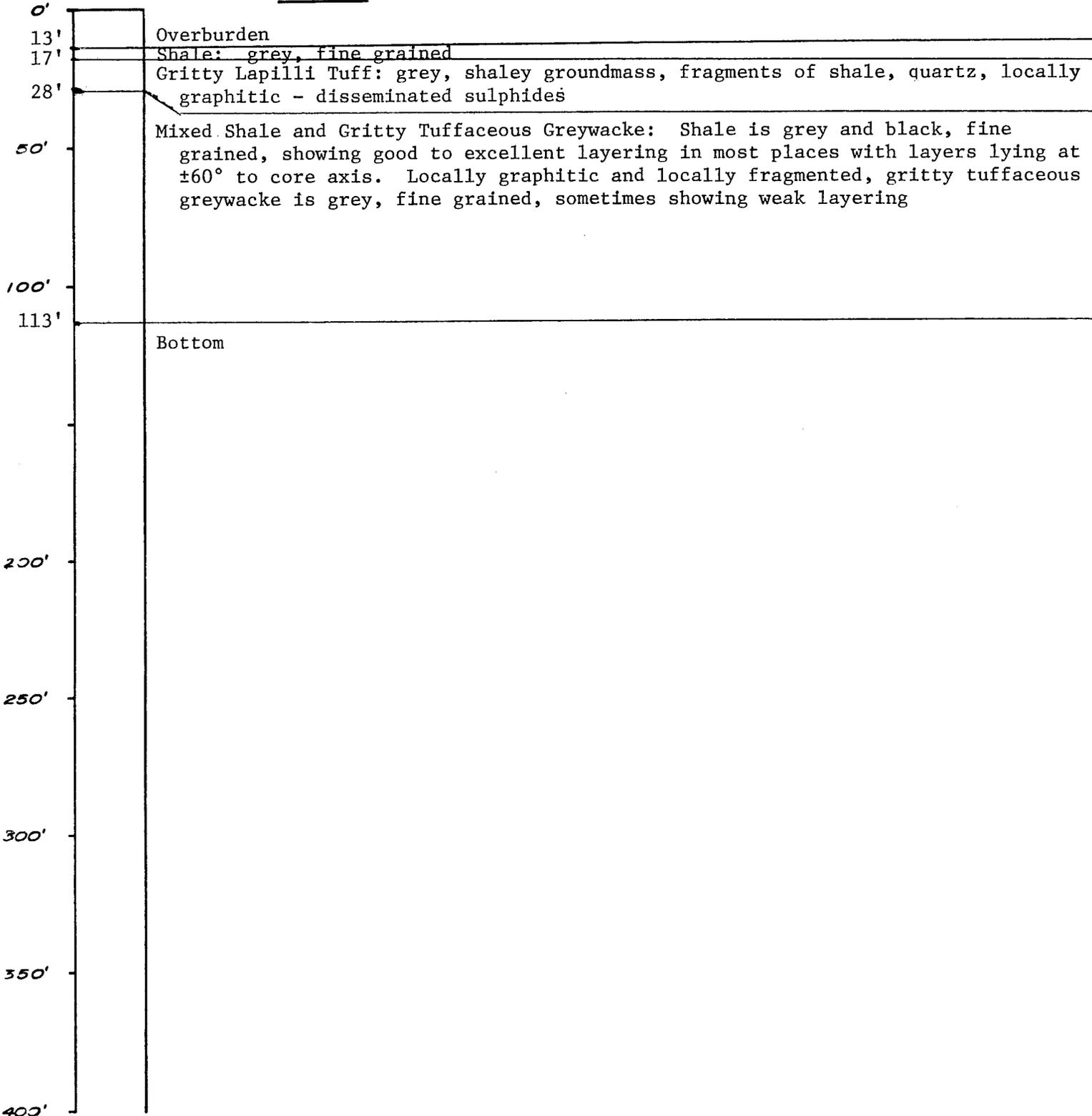
LITHOLOGIC LOG

Project T11-R9 LITHOLOGIC DRILLING Hole no. 119-14 Dip -45° Started 9/28/81 Elev.       

Job no. 279 Township T11-R9 See Sketch  
Coord. 279-14 Direction 336°mag Completed 9/29/81

S.W. 1/4 of T11-R9

Lithotype



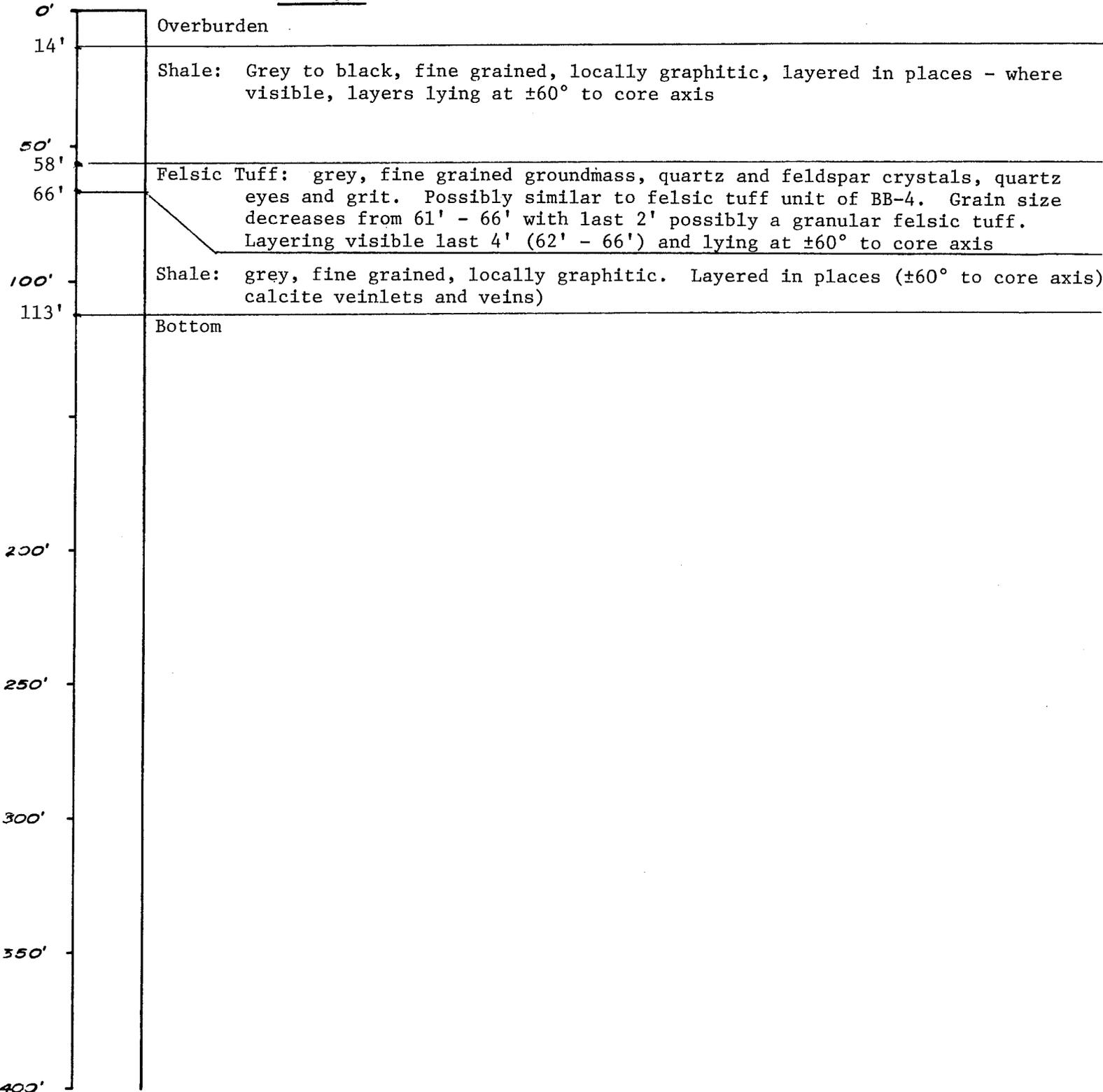


LITHOLOGIC LOG

Project T11-R9 LITHOLOGIC DRILLING Hole no. 119-15 Dip -45° Started 9/30/81 Elev.         

Job no. 279 Township T11-R9 See Sketch  
Coord. 279-14 Direction 336°mag Completed 10/1/81  
S.W. 1/4 of T11-R9

Lithotype





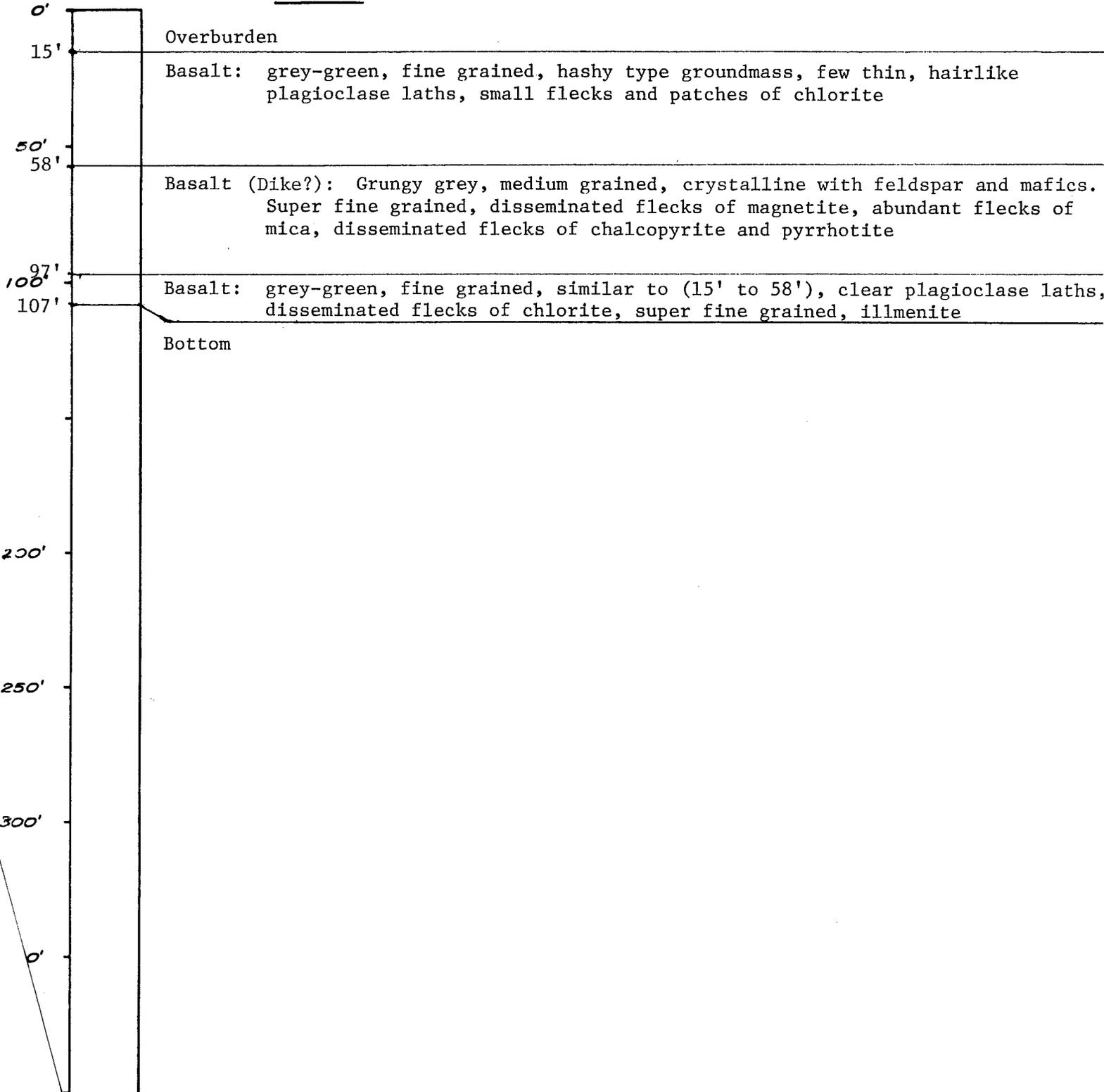
J.S. Cummings Inc.

LITHOLOGIC LOG

Project T11-R9 LITHOLOGIC DRILLING Hole no. 119-16 Dip -45° Started 10/2/81 Elev.       

Job no. 279 Township T11-R9 See Sketch  
Coord. 279-14 Direction 336° mag Completed 10/3/81  
S.W. 1/4 of T11-R9

Lithotype



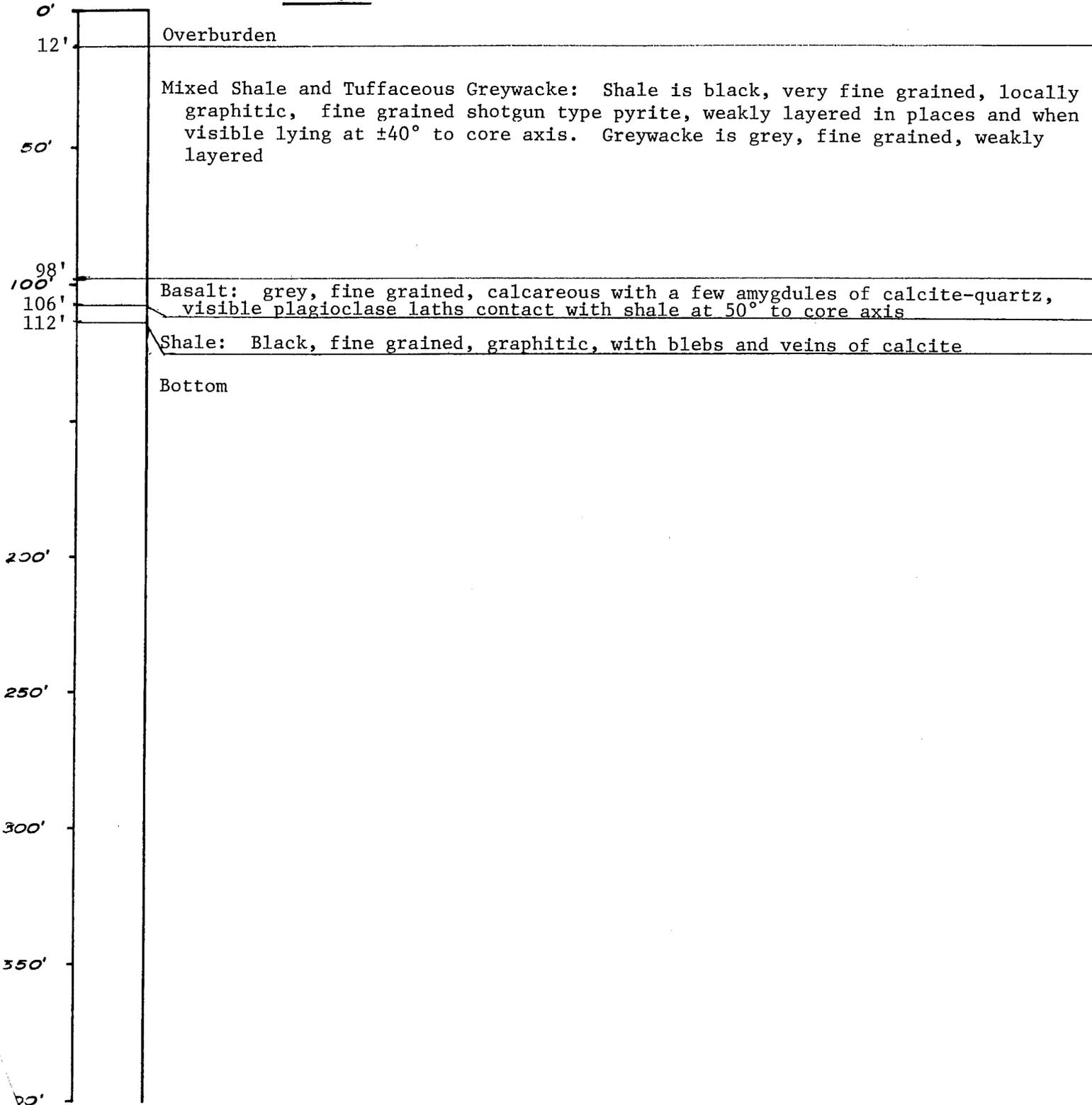


LITHOLOGIC LOG

Project T11-R9 LITHOLOGIC Hole no. 119-17 Dip -45° Started 10/4/81 Elev.         

Job no. 279 Township T11-R9 See Sketch  
Coord. 279-14 Direction 336°mag Completed 10/5/81  
S.W. 1/4 of T11-R9

Lithotype





HOLE #	COORDINATES	DATE COLLARED	DATE COMPLETED	DIP	MAGNETIC BEARING	DEPTH	DRILLED BY
119-1	See Sketch 279-14	9/01/81	9/01/81	-45°	156°	120'	Kennebec I
119-2	See Sketch 279-14	9/02/81	9/02/81	-45°	156°	116'	Kennebec I
119-3	See Sketch 279-14	9/03/81	9/08/81	-45°	156°	107'	Kennebec I
119-4	See Sketch 279-14	9/08/81	9/08/81	-45°	156°	107'	Kennebec I
119-5	See Sketch 279-14	9/09/81	9/10/81	-45°	156°	115'	Kennebec I
119-6	See Sketch 279-14	9/10/81	9/10/81	-45°	156°	105'	Kennebec I
119-7	See Sketch 279-14	9/14/81	9/15/81	-45°	156°	107'	Kennebec I
119-8	See Sketch 279-14	9/15/81	9/16/81	-45°	156°	69'	Kennebec I
119-9	See Sketch 279-14	9/16/81	9/17/81	-45°	336°	112'	Kennebec I
119-10	See Sketch 279-14	9/18/81	9/18/81	-45°	336°	107'	Kennebec I
119-11	See Sketch 279-14	9/18/81	9/19/81	-45°	336°	130'	Kennebec I
119-12	See Sketch 279-14	9/20/81	9/20/81	-45°	336°	115'	Kennebec I
119-13	See Sketch 279-14	9/21/81	9/22/81	-45°	336°	111'	Kennebec I
119-14	See Sketch 279-14	9/28/81	9/29/81	-45°	336°	113'	Kennebec I
119-15	See Sketch 279-14	9/30/81	10/01/81	-45°	336°	113'	Kennebec I
119-16	See Sketch 279-14	10/02/81	10/03/81	-45°	336°	107'	Kennebec I
119-17	See Sketch 279-14	10/04/81	10/05/81	-45°	336°	112'	Kennebec I

119 LITHOLOGIC DRILLING (T11-R9)

LITHOLOGIC LOG

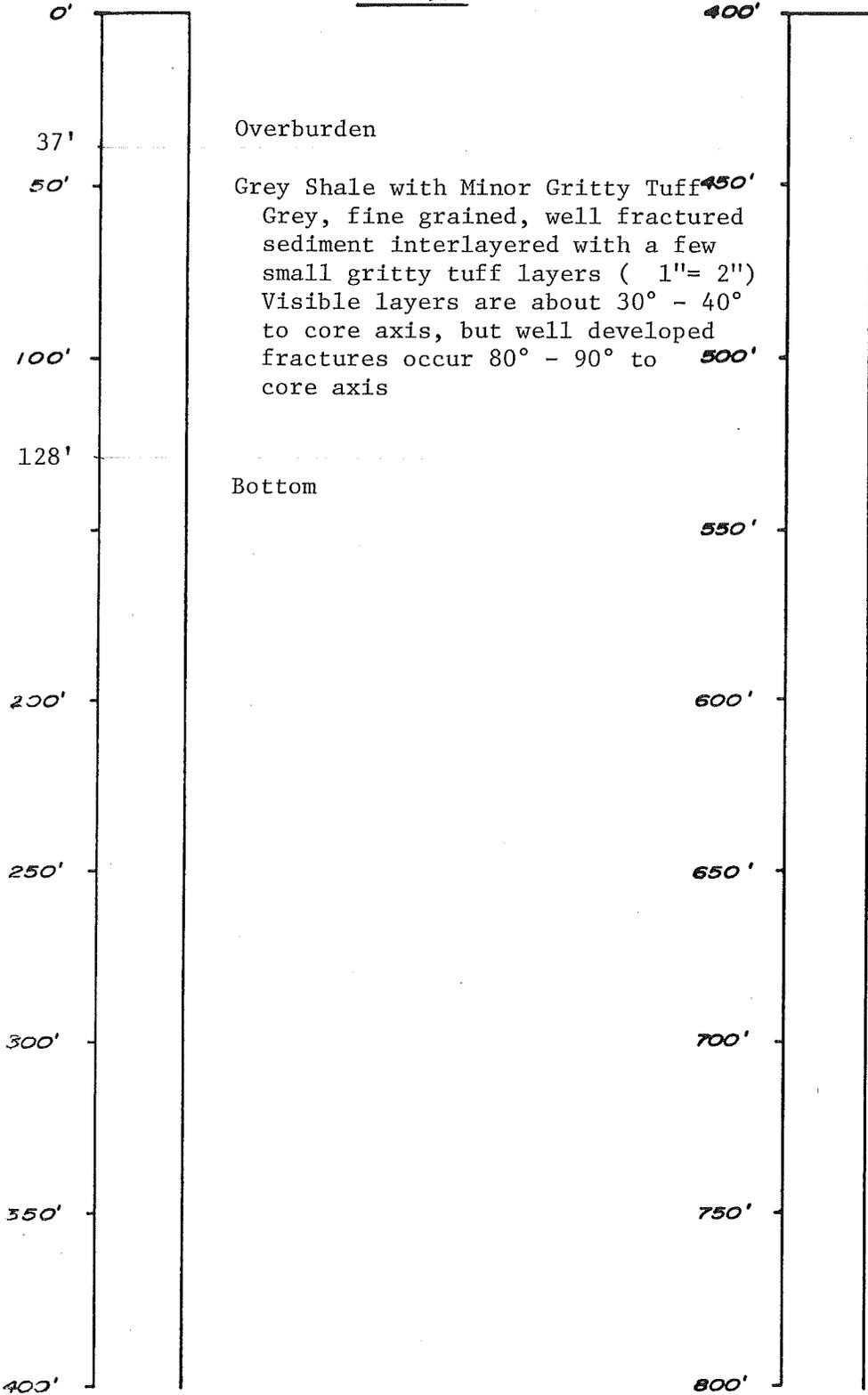
Project BLIND BROOK Hole no. BB-1 Dip -45° Started 9/29/80 Elev.         

Job no. 279 Township T11-R9 Coord. 279-6 Direction 336°mag Completed 9/30/80

SW 1/4 - near So. town line

Lithotype

Lithotype





LITHOLOGIC LOG

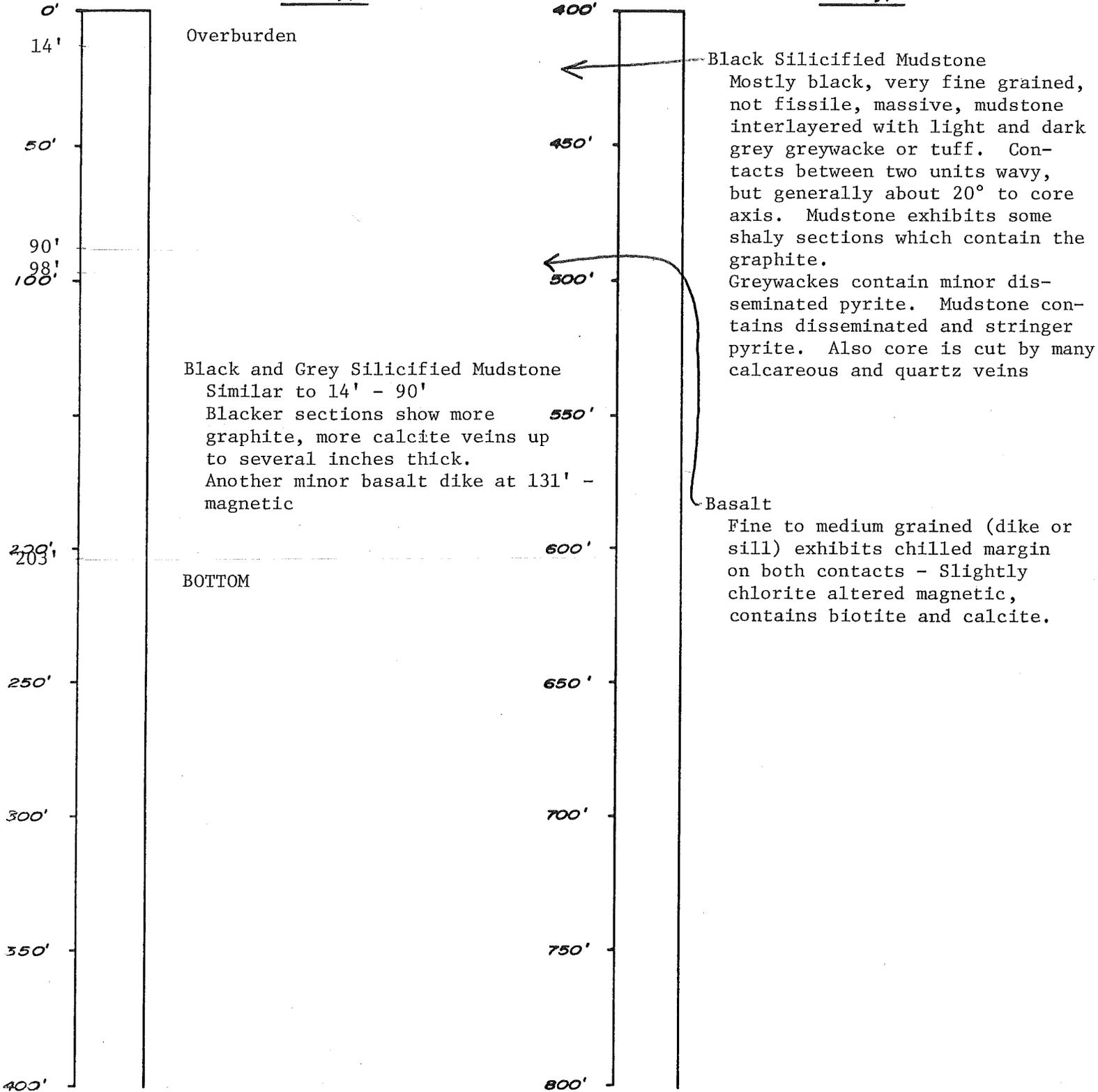
Project Blind Brook Grid Hole no. BB-2 Dip -45° Started 10/07/80 Elev. \_\_\_\_\_

Job no. 279 Township T11-R9 See Sketch. Coord. 279-6 Direction 156°mag Completed 10/10/80

SW 1/4 - near So. town line

Lithotype

Lithotype





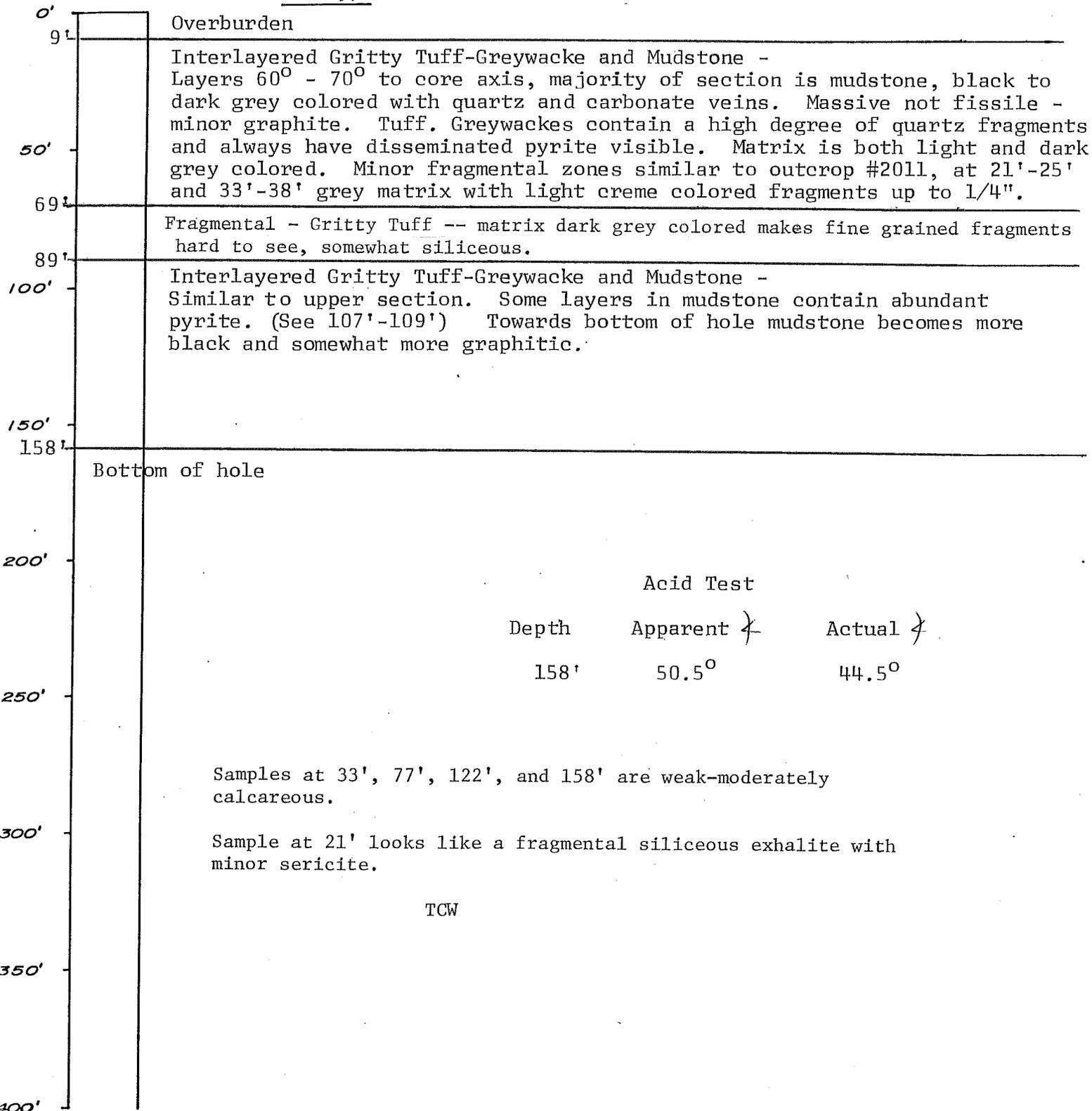
Project Blind Brook Grid Hole no. BB-3 Dip -45° Started 10/12/80 Elev.         

See Sketch

Job no. 279 Township T11-R9 Coord. 279-6 Direction NW True Completed 10/13/80

SW 1/4 - near So. town line

Lithotype





LITHOLOGIC LOG

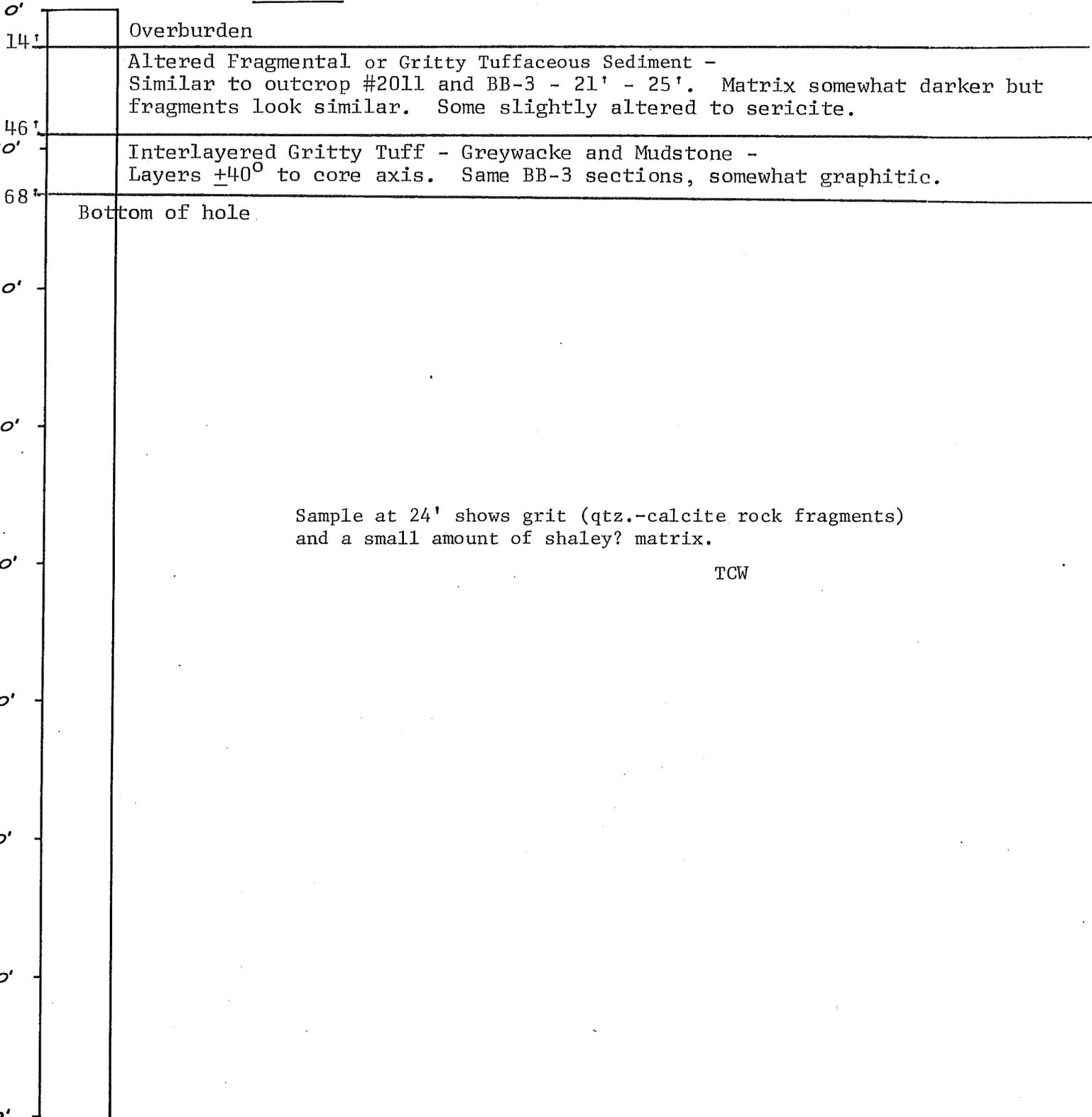
Project Blind Brook Grid Hole no. BB-4 Dip -45° Started 10/14/80 Elev.         

See Sketch

Job no. 279 Township T11-R9 Coord. 279-6 Direction NW True Completed 10/14/80

SW 1/4 - near So. town line

Lithotype



TCW





LITHOLOGIC LOG

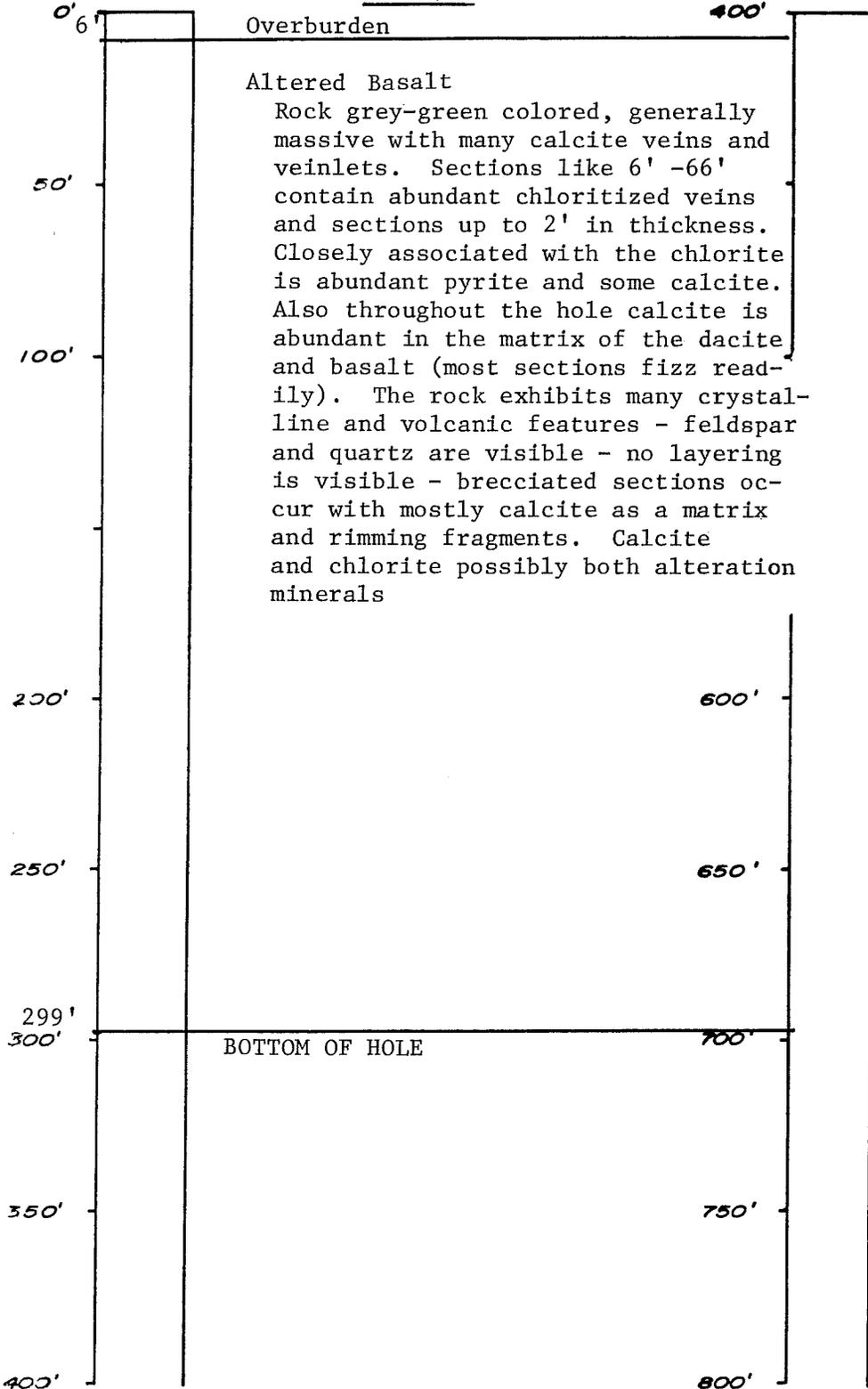
Project PRATT LAKE Hole no. PRL-1 Dip -45° Started 7/28/80 Elev.         

Job no. 279 Township T11-R9 See Sketch  
 Coord. 279-5 Direction 346° Mag Completed 7/30/80

NE 1/4

Lithotype

Lithotype



ACID TEST

<u>DEPTH</u>	<u>APPARENT</u> ✕	<u>ACTUAL</u> ✕
250'	55°	49°

SULPHIDE LOG

Project PRATT LAKE Hole no. PRL-1 Dip -45° Started 7/28/80 Elev.         

See Sketch

Job no. 279 Township T11-R9 Coord. 279-5 Direction 346° Mag Completed 7/30/80

NE 1/4

FROM	TO	INTERVAL	EST. % SULPHIDES	EST. METAL (Cu, Pb, Zn)	ALTERATION
0'	6'	6'	Overburden	(Mn)	
6'	26'	20'	1% - 2%		Chlorite and Calcite
26'	28'	2'	7% - 10%	- 6.4 Mg	Chlorite and Calcite
28'	29'	1'	2%		Minor chlorite Calcite
29'	30'	1'	5% - 7%		Minor chlorite Calcite
30'	31'	1'	2%		Minor chlorite Calcite
31'	35'	4'	7% - 10%	- 5.1	Minor chlorite Calcite
35'	40'	5'	+3%		Minor chlorite Calcite
40'	41'	1'	5% - 7%		Heavy chlorite
41'	47'	6'	1% - 2%		Minor chlorite Calcite?
47'	48'	1'	7% - 10%	- 5.5	Heavy chlorite
48'	51'	3'	1% - 2%		Minor chlorite Calcite
51'	52'	1'	10% - 15%	- 4.6	Heavy chlorite
52'	57'	5'	1% - 2%		Minor chlorite Calcite
57'	59'	2'	3% - 5%		Heavy chlorite
59'	65'	6'	1% - 2%		Chlorite and Calcite
65'	66'	1'	25% - 30%	- 11.6	Heavy chlorite
66'	299'	233'	1% - 2%	6.200	Sections with heavy chlorite
	Bottom			6.68	
				6.7	

Assays Pratt Lake - PRL-1

<u>HOLE #</u>	<u>DEPTH</u>	<u>% CaCO3</u>	<u>% SiO2</u>
PRL-1	22'	4.43	45.08
PRL-1	248'	8.16	47.21

Length of Hole: 299'

*J. S. Cummings, Inc.*

DDH PRL-1 - (Assays for Portion of Hole)

<u>DEPTH (FEET) FROM COLLAR</u>	<u>LENGTH</u>	<u>% Zn</u>	<u>% Cu</u>	<u>% Pb</u>	<u>Oz/Ag</u>	<u>Oz/Au</u>	<u>% Py</u>	<u>% Aspy</u>
26 - 28	2'	None	0.006		None	Trace	6.4	
31 - 35	4'	None	None		None	Trace	5.4	
47 - 48	1'	None	None		None	Trace	5.5	
51 - 52	1'	None	0.006		None	Trace	46.0	
63 - 66	3'	None	None	None	None	Trace	11.6	None
66 - 68	2'	None	None	None	None	Trace	6.7	Trace

Bottom of Hole: 299'

LITHOLOGIC LOG

Project Pratt Lake Hole no. PRL-2 Dip -45° Started 7/31/80 Elev.         

Job no. 279 Township T11-R9 Coord. 279-5 Direction 156° Ma Completed 8/1/80

See Sketch

NE 1/4

	<u>Lithotype</u>	
0'	Andesite or Dacite Fine grained, massive, dark grey colored calcite throughout the ground mass - Minor section magnetic	
24'	Andesite-Basalt - Light grey-green colored - sections massive with calcite and chlorite amygdules - sections fractured with calcite & quartz in veins and chlorite and pyrite in veins & blebs - Minor lapilli agglomeratic sections (45'-49') (53'-54') Sections look similar to PRL-1 but alteration not as intense	
50'		
71'	Last 6' medium grained, massive, dark grey-green	
100'	Interlayered gritty tuffaceous sediment and graphitic shale - Gritty tuff has many quartz and feldspar fragments in a black graphitic matrix	
140'	Graphitic shale - heavy graphite at times Layers between shale and grit are nice and sharp 70° to 80° to long core axis	
	Bottom	550'
		600'
200'		650'
250'		700'
300'		750'
350'		800'
400'		800'

Lithotype

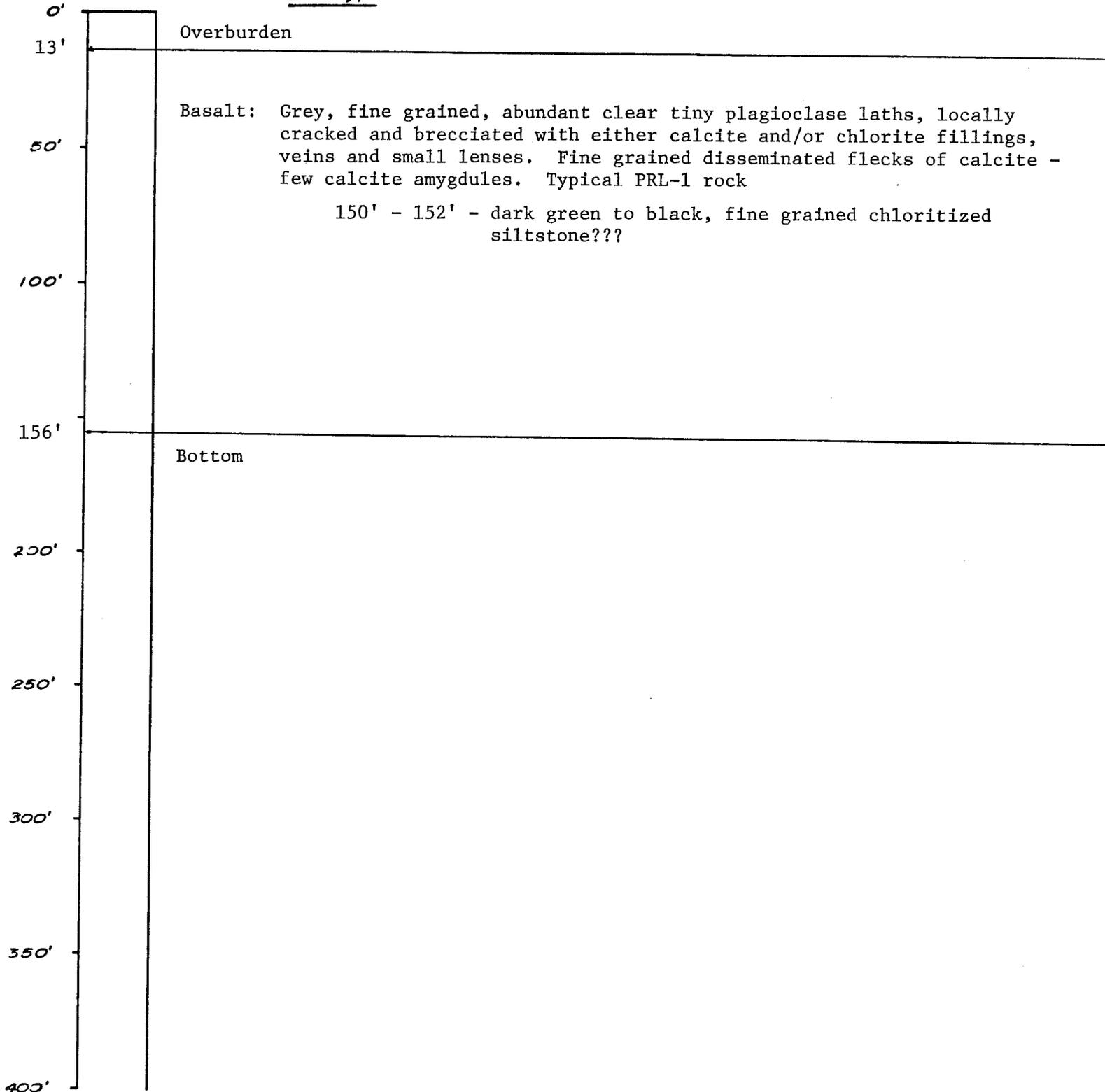


Assays Pratt Lake - PRL-2

<u>HOLE #</u>	<u>DEPTH</u>	<u>% CaCO3</u>	<u>% SiO2</u>
PRL-2	67'	5.35	46.55

Length of Hole: 140'

J.S. Cummings Inc.

LITHOLOGIC LOGProject Pratt Lake Hole no. PRL-3 Dip -45° Started 10/12/81 Elev. \_\_\_\_\_Job no. 279 Township T11-R9 See Sketch  
Coord. 279-5 Direction 165°mag Completed 10/13/81100' North of Rt. 73B, outcrop 1/4 mile west of  
Jct. 73 and 73BLithotype





LITHOLOGIC LOG

Project Spring Brook Hole no. SPB-16 Dip -45° Started 9/16/80 Elev. \_\_\_\_\_

See Sketch

Job no. 275.1 Township T10-R9 Coord. 275-6 Direction 336° Completed 9/17/80

NE 1/4 - N of Spring Brook Hill

