

Table 2.3.1  
 IMPURITIES OF 35 GUSHER KNOB BORE HOLE SAMPLES IN PPM WT

HOLE#	Depth Ft.	Al	Ca	Fe	K	Li	Mn	Na	Ti
1A	0-5	7.3	2.0	1.6	1.6	0.30	0.20	0.6	1.0
1B	5-15	6.8	1.8	0.3	2.1	0.70	0.10	0.7	1.4
1C	15-25	7.3	1.6	0.4	0.8	0.50	0.02	0.7	1.5
1D	25-35	8.4	1.0	0.6	0.8	0.40	0.04	1.7	1.8
1E	35-45	8.4	1.4	0.7	0.8	0.30	0.04	1.2	1.7
1F	45-55	8.0	1.4	0.7	0.8	0.30	0.03	1.6	2.3
1G	55-65	7.5	1.5	0.7	0.8	0.30	0.04	1.7	2.0
1H	65-70	10.7	1.6	0.8	0.8	0.30	0.01	1.6	2.1
2A	0-10	8.2	2.2	0.3	2.1	0.40	0.10	1.2	1.3
2B	10-20	7.8	1.3	0.8	0.8	0.20	0.30	1.4	1.4
2C	20-30	7.5	1.4	0.5	0.8	0.30	0.04	1.0	1.5
2D	30-40	6.9	1.4	0.6	1.0	0.20	0.20	1.1	1.5
2E	40-50	11.8	1.9	0.7	0.8	0.30	0.06	1.0	1.5
2F	50-60	8.4	1.7	0.5	0.8	0.40	0.01	1.3	1.5
2G	60-65	7.8	2.2	0.7	1.1	0.20	0.40	2.5	1.6
2H	65-72	7.5	1.2	0.5	0.8	0.20	0.02	1.2	1.5
2I	76-84	8.6	1.4	0.5	0.8	0.30	0.02	1.5	1.8
3A	10-20	7.5	1.0	0.3	1.6	0.10	0.10	0.9	1.3
3B	20-30	7.1	1.3	0.7	0.8	0.10	0.10	1.6	1.5
3C	40-50	7.8	2.2	0.7	1.1	0.20	0.40	2.5	1.6
3D	50-60	7.3	2.1	0.9	0.8	0.20	0.04	1.2	1.6
3E	60-70	6.8	3.0	0.6	0.8	0.10	0.01	1.6	1.5
4A	0-10	7.8	0.9	0.2	1.8	0.30	0.10	1.7	1.2
4B	10-20	7.1	1.2	1.3	0.8	0.20	0.50	1.1	1.2
4C	20-30	8.7	1.6	0.6	0.8	0.20	0.10	1.4	1.8
4D	30-40	7.7	1.0	0.4	0.8	0.40	0.04	0.9	1.4
4E	40-50	7.6	1.1	0.4	0.8	0.30	0.01	1.5	1.5
4F	55-65	7.3	1.1	0.4	0.8	0.30	0.01	1.0	1.6
5A	25-30	10.3	1.0	0.3	1.3	0.40	0.10	1.8	3.1
5B	35-40	9.9	2.7	0.5	1.4	0.30	0.10	1.9	1.5
5C	75-80	6.0	2.1	0.6	2.2	0.04	0.03	1.0	1.4
5D	85-90	5.4	1.2	0.4	0.8	0.04	0.01	0.7	1.4
5E	90-100	6.8	2.2	0.5	0.8	0.10	0.03	2.1	1.4
5F	105-110	6.3	1.9	0.5	0.8	0.07	0.01	1.8	1.3

*L-H* < 0.2-0.30 0.25 0 0.1

Davenport Br. 0-1	6.2	0.9	0.6	0.8	0.20	0.10	1.5	1.2
EPK —	30.1	11.2	9.8	5.9	0.50	0.30	3.5	15

**GUSHER KNOB, NORTH CAROLINA  
DRILL HOLE LOGS**

<b>GK1</b>		LOCATION: <b>0/6N</b>
<u>From (ft)</u>	<u>To (ft)</u>	<u>Notes</u>
0	45	soft quartz gravel (may be tails from old plant)
45	50	water
50	60	hard alaskite; water table at 45'
60	70	hard alaskite
70	85	schist (brown)
85		END OF HOLE

Samples are probably contaminated from collapsed tails backfill

<b>GK2</b>		Location: <b>0/8N</b>
<u>From</u>	<u>To</u>	<u>Notes</u>
0	30	soft alaskite, possibly tails again; last 5ft buff coloured
30	40	hard alaskite; water table at 30'
40	65	soft alaskite
65	72	very hard alaskite good sample
72	76	schist
76	84	hard alaskite
84	100	schist
100		END OF HOLE

<b>GK3</b>		Location: <b>0.5W/8.5N</b>
<u>From</u>	<u>To</u>	<u>Notes</u>
0	10	dirty clay - alaskite; contaminated
10	20	soft alaskite
20	33	soft alaskite
33	40	schist
40	52	soft sandy alaskite; dry becoming damp at end of interval
52	65	beige, damp alaskite sand becoming progressively harder down-hole
65	75	beige coarse grained alaskite rock; water table at 70'
75	95	brown schist rock
95		END OF HOLE

<b>GK4</b>		Location: <b>50' E of 0/8N (GK2) Co-ord: 0.5E/8N</b>
<u>From</u>	<u>To</u>	<u>Notes</u>
0	10	white, soft alaskite
10	20	beige, soft alaskite (?) sand
20	40	damp alaskite
40	50	wet alaskite; water table at 45'
50	65	grey alaskite sludge
65	75	schist
75		END OF HOLE

<b>GK5</b>		Location: <b>2.0W/8N</b>
<u>From</u>	<u>To</u>	<u>Notes</u>
0	5	brick red coloured schist
5	7	red-brick schist
7	20	brown/grey schist
20	25	beige schist
25	30	white alaskite
30	33	brown schist
33	40	alaskite
40	45	schist
45	50	alaskite
50	60	schist
60	62	alaskite
62	67	schist
67	70	beige alaskite
70	75	schist
75	130	alaskite
130	145	schist
145		END OF HOLE

All intervals are in feet.

37 holes

