

VIRGINIA DIVISION OF MINERAL RESOURCES  
 Box 3667, Charlottesville, VA 22903

INTERVAL SHEET

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Well Repository No.: C-370  
 W-5518

Date rec'd: Date Processed: 9/21/79

Sample Interval: from 0 to: 970'

PROPERTY: Hazel B. Simpson - Geothermal #49

Number of samples: 51

COMPANY: Gruy Federal

Total Depth: 1078

COUNTY: Accomack (Tunnels Mill)

Oil or Gas: Water: Exploratory:XX

From-To	From-To	From-To	From-To	From-To
0-10	-	600-610	900-910	-
10-20	-	610-620	910-920	-
20-30	330-340	620-630	920-930	-
30-40	-	630-640	930-940	-
-	-	640-650	940-950	-
50-60	350-360	650-660	950-960	-
-	360-370	660-670	960-970	-
70-80	370-380	670-680	-	-
80-90	-	-	-	-
90-100	-	-	-	-
-	<u>400-410</u>	-	-	-
-	410-420	-	-	-
<u>120-130</u>	420-430	-	-	-
-	-	730-740	-	-
140-150	440-450	740-750	-	-
150-160	450-460	-	-	-
160-170	460-470	-	-	-
170-180	-	-	-	-
180-190	-	780-790	-	-
-	-	-	-	-
-	-	<u>800-810</u>	-	-
<u>210-220</u>	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	860-870	-	-
-	570-580	870-880	-	-
280-290	580-590	-	-	-
290-300	590-600	-	-	-

Unwashed only.

\*Unable to identify (37) other samples.

Owner: Hazel B. Simpson  
Driller: Gruy Federal  
County: Accomack (Tunnels Mill)

W# 5518  
C# 370  
Total Depth: 970'  
Quad: Hallwood  
Elev: 10'

Depth  
(feet)

WELL LOG

0-10	Gravel - light olive gray (5Y 6/1); pebbles 20mm - 30mm.
10-20	Gravel - as above, except: sparse sand; medium to very coarse; some granules; poor sorting; quartz.
20-30	Gravel - as above.
30-40	Gravel - as above.
40-50	No sample.
50-60	Gravel - as above, except: sparse clay in clasts; pebbles up to 15mm.
60-70	No sample.
70-80	Clay - Gravel - as above, except: abundant tan and gray clay clasts; abundant "sand" - medium to pebbles; poorly sorted; quartz.
80-90	Clay - as above, except: abundant sand, but less pebbles; plant debris.
90-100	Gravel - as above, except: sparse clay; few large pebbles.
100-120	No samples.
120-130	Gravel - as above.
130-140	No sample.
140-150	Gravel - as above.
150-160	Gravel - as above, except: pebbles, 10mm - 20mm.
160-170	Gravel - as above, except: pebbles decreasing in size. Sparse medium to granule; poorly sorted; quartz; sand.
170-180	Gravel - as above.
180-190	Gravel - as above.
190-210	No samples.

Depth  
(feet)

210-220 Gravel, Sandy - as above, except: sparse clay; abundant sand; 10% large pebbles; 2% fine shell fragments.

220-280 No samples.

280-290 Gravel, Sandy - as above, except: 50% gravel (20mm).

290-300 Gravel, Sandy - as above.

300-330 No samples.

330-340 Sand - as above, except: very sparse clay; few pebbles.

340-350 No samples.

350-360 Sand - as above, except: moderate clay; medium to pebble; poorly sorted; quartz; sand; 2% shell fragments.

360-370 Sand - as above, except: large pebble, 5% shell fragments.

370-380 Sand - as above, except: 2% shell fragments.

380-400 No sample.

400-410 Sand - as above, except: moderate clay in clasts; some large pebbles, 1% shell bits.

410-420 Sand - as above, except: sparse clay.

420-430 Gravel - as above, except: 50% large pebbles; sparse sand, some shell bits.

430-440 No sample.

440-450 Gravel - as above.

450-460 Gravel - as above, except: 2% shell fragments; wood bits.

460-470 Gravel - as above, except: abundant clay; moderate poorly sorted; sand.

470-570 No samples.

570-580 Gravel - as above, except: 50% large pebbles; 1% shell bits.

580-590 Gravel - as above, except: 40% large pebbles.

Depth  
(feet)

590-600 Gravel, Clayey - as above, except: 20% pebbles, abundant clay and sand; poorly sorted; some shell fragments; root debris.

600-610 Clay - as above, except: no pebbles; shell fragments.

610-620 Gravel - as above, except: 50% pebbles; sparse clay; sparse sand, medium to pebble.

620-630 Clay, Sandy - as above, except: no pebbles; abundant sand.

630-640 Sand - as above, except: moderate clay; fine to coarse and pebbles; poorly sorted; rare shell fragments.

640-650 Sand - as above.

650-660 Gravel, Sandy - as above, except: moderate sand; root debris.

660-670 Sandy Gravel - as above, except: 1% shell fragments.

670-680 Sand - as above, except: abundant clay, sand; few shell fragments; few pebble.

680-730 No samples.

730-740 Clay, Sandy - as above, except: moderate sand; 1% shell fragments.

740-750 Clay - as above, except: abundant clay, sparse sand.

750-780 No sample.

780-790 Clay - as above, except: sparse shell fragments.

790-800 No sample.

800-810 Clay - as above.

810-860 No sample.

860-870 Sand - light olive gray (5Y 5/1); sparse clay in sand clasts; medium to very coarse; moderate sorting; quartz; 2% glauconite; 2% shell fragments.

870-880 Sand - as above, except: moderate sand clasts; 1% shell fragments.

Owner: Hazel B. Simpson

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W# 5518

Depth  
(feet)

880-900 No sample.

900-910 Sand - as above, except: abundant sand clasts, moderate clay; sparse shell fragments.

910-920 Sand - as above, except: abundant clay.

920-930 Sand - as above.

930-940 Sand - as above, except: 1% shell fragments.

940-950 Clay - as above, except: sparse, medium to very coarse, poorly sorted; quartz; sand; shell fragment.

950-960 Clay - as above.

960-970 Clay-Sand - abundant sand and clay.

Logged by: J. K. Polzin  
May 27, 1980