

DIAMOND DRILL HOLE NO. 8

Collar Elevation 316.4

				ANAL. UNIT			LITHOLOGIC DESCRIPTION	REMARKS
FE	SiO ₂	P ₂ O ₅	S*	Thick.	Depth			
7.66	72.76	0.39	2.48	1.00	1.00	0	Sandstone quartzose, highly limonitic, brown, gray and grayish-red	Al ₂ O ₃ ¹ — 2.85
22.95	40.91	0.97	3.44	1.00	2.00			" 9.60
32.70	36.11	1.36	1.02	1.00	3.00			" 3.10
31.02	34.44	0.97	1.16	1.00	4.00			" 6.92
32.73	34.23	0.90	1.14	1.66	5.66			" 7.35
44.58	20.65	0.97	0.52	0.54	6.20	5	Claystone, limonitic, dark-yellowish-orange	" 3.45
34.47	31.36	1.14	0.89	0.50	6.70		Sandstone, quartzose, limonitic grayish-brown	" 6.80
23.56	46.27	0.67	0.51	1.30	8.00		Claystone, limonitic, dark-yellowish-orange	" 7.99
40.27	21.90	1.68	0.85	1.00	9.00			" 7.31
38.99	27.11	1.09	0.73	1.00	10.00			" 6.28
33.62	32.80	1.03	0.65	1.00	11.00	10	Hematite and limonite, oolitic, moderate-brown and red	" 7.73
36.75	27.59	1.03	0.52	1.00	12.00			" 8.44
33.23	31.43	0.46	0.52	0.70	12.70			" 10.31
48.46	11.59	0.25	0.25	1.00	13.70		Hematite, oolitic, moderate-brown	" 8.77
							Claystone, medium-light-gray	
						15		

*and silicates insoluble in HCl

*Free sulfur and sulfur calculated from SO₄

Interval	Thick	Fe	SiO ₂	P ₂ O ₅	S	Al ₂ O ₃
12.70-13.70	1.00	48.46	11.59	0.25	0.25	8.77
8.00-13.70	5.70	38.75	25.15	0.94	0.59	8.01
2.00-13.70	11.70	35.15	30.55	0.94	0.76	7.18

¹and silicates soluble in HCl

This map is preliminary and has not
been edited for conformity with Geological
Survey format and nomenclature.

PLATE 12