

Collar Elevation 325.5

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				ANAL. UNIT		LITHOLOGIC DESCRIPTION	REMARKS
FE	SiO ₂ *	P ₂ O ₅	S [†]	Thick.	Depth		
48.13	19.42	2.34	0.93	0.13	1.63	0 — Surficial cover Siltstone, purple mottled gray Gypsum, limonitic, white and orange Siltstone, yellowish brown Hematite, oolitic, dusky brown Claystone, white Siltstone, limonitic, brown Hematite, oolitic, pale-red purple Siltstone, yellowish-brown Hematite, finely oolitic, grayish-purple Siltstone, limonitic, yellowish-brown Hematite and hematitic claystone, pale purple-red Siltstone, hematitic, yellowish-brown Hematite, oolitic, pale-orange and grayish-purple Siltstone, hematitic, dark yellowish brown Claystone, hematitic, pale red Claystone, white Siltstone, limonitic, pale-brown Claystone, light-gray Siltstone, limonitic, pale-brown Claystone, pink and light-red Claystone, light-gray and yellowish-gray Siltstone, limonitic, pale-brown Claystone, light-gray Siltstone, limonitic, pale-brown Hematite, grayish-red-purple Siltstone, limonitic and hematitic, pale-brown Hematite, grayish-red Siltstone, limonitic and hematitic, pale-brown Claystone, grayish-red Siltstone, limonitic, grayish-red Sandstone, hematitic, grayish-red-purple Claystone, light-gray Siltstone, limonitic, grayish-red Claystone, light-gray	Al ₂ O ₃ ¹ 0.93
2.14	84.53	0.98	0.25	0.37	2.00		" 0.33
31.24	36.98	2.16	1.85	2.86	4.86		" 3.54
5.78	81.16	0.10	0.13	0.14	5.00		" 5.74
20.20	51.77	1.38	1.01	3.16	8.16		" 6.84
33.84	33.33	3.66	0.41	1.41	9.57		" 7.77
8.66	82.78	0.43	0.21	0.43	10.00		" 1.36
26.33	50.07	1.70	0.58	2.88	12.88		" 3.55

*and silicates insoluble in HCl

[†]Free sulfur and sulfur calculated from S O_4 ¹and silicates soluble in HCl

Interval	Thick	Fe	SiO ₂	P ₂ O ₅	S	Al ₂ O ₃
2.00- 4.86	2.86	31.24	36.98	2.16	1.85	3.54
1.50- 9.57	8.07	26.80	46.30	2.04	1.13	5.42

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

PLATE 17

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