

TABLE A-7. Drill Hole No. 5—Crude Ore Analyses and Standard Davis Tube Tests at Minus 150 Mesh

Members	Footage		Crude Ore—Percent			Davis Tube Concentrate (-150 Mesh)—Percent			
	From	To	Fe	Fe ⁺⁺	Insol	Wt	Fe	Insol	Mag Fe
Upper Slaty	524.1	530.0	17.42	15.44	48.85	0.3	n.d.	n.d.	
	530.0	535.8	22.21	19.68	42.41	0.3	n.d.	n.d.	
	535.8	540.0	21.85	19.43	43.46	2.7	45.57	n.d.	1.2
	540.0	545.0	23.17	20.01	46.89	1.7	55.19	n.d.	0.9
	545.0	550.0	24.13	18.80	41.83	2.7	55.86	n.d.	1.5
	550.0	555.0	23.49	19.92	41.97	3.3	55.78	n.d.	1.8
	555.0	560.0	23.74	19.20	47.32	3.0	51.95	n.d.	1.6
	560.0	567.0	27.21	21.28	40.45	7.3	54.33	17.72	4.0
	567.0	575.6	27.40	17.24	47.38	15.0	63.60	16.95	9.5
	575.6	580.0	24.69	18.53	47.19	12.0	57.05	8.39	6.8
Upper Cherty	580.0	586.2	28.21	16.25	38.64	23.3	57.83	8.41	13.5
	586.2	595.3	32.95	15.76	40.78	31.3	66.32	6.37	20.8
	595.3	596.3	38.03	15.92	34.10	31.0	67.56	4.96	20.9
	596.5	605.0	33.08	17.15	36.17	27.6	59.93	8.66	16.5
	605.0	614.0	29.24	15.13	43.99	23.3	65.38	6.00	15.2
	614.0	620.0	31.96	20.07	37.75	29.6	61.12	6.82	18.1
	620.0	625.0	30.60	16.89	39.54	23.3	58.97	7.75	13.7
	625.0	630.0	32.85	14.72	39.43	23.0	64.31	6.74	14.8
	630.0	635.0	33.41	12.96	40.58	28.6	66.64	5.86	19.0
	635.0	640.0	31.52	18.09	35.60	19.3	61.76	7.92	11.9
	640.0	645.0	31.60	19.76	33.65	19.7	60.09	8.43	11.8
	645.0	650.0	27.93	18.24	43.34	17.7	56.51	9.58	10.0
	650.0	655.5	25.36	18.89	44.59	14.0	54.83	12.01	7.7
	655.5	656.5	34.32	20.41	28.32	19.0	55.29	13.62	10.5
	656.5	665.0	33.20	17.52	36.18	22.6	60.21	10.95	13.6
	665.0	670.0	31.36	15.84	39.51	24.0	58.97	11.87	14.2
	670.0	675.0	32.04	17.95	36.42	24.0	54.35	17.24	13.0
	675.0	680.0	31.08	15.68	38.87	23.0	52.26	21.08	12.0
	680.0	685.0	32.25	14.80	35.93	20.0	56.41	15.65	11.3
	685.0	691.0	32.16	11.36	39.75	17.7	60.37	11.37	10.7
	691.0	692.5	29.48	10.89	47.76	23.0	64.88	7.42	14.9
	692.5	700.0	25.60	13.60	50.31	17.6	62.09	8.41	10.9
	700.0	705.0	26.87	13.52	47.78	20.0	60.73	9.29	12.1
	705.0	710.0	29.76	14.41	42.10	19.3	60.91	8.14	11.8
	710.0	715.0	33.79	16.97	35.36	21.0	64.94	4.86	13.6
	715.0	720.0	28.06	9.13	49.23	17.7	67.65	5.02	12.0
	720.0	725.0	34.35	15.20	35.54	20.6	65.52	5.56	13.5
	725.0	730.0	30.12	13.24	42.57	18.0	66.76	6.00	12.0
	730.0	735.0	29.24	11.91	48.87	21.3	66.72	6.04	14.2
	735.0	740.0	30.36	12.07	44.33	21.6	67.60	3.85	14.6
	740.0	745.0	24.85	6.89	52.86	18.0	68.71	4.13	12.4
	745.0	750.0	30.12	6.87	45.35	21.0	62.16	10.90	13.0
	750.0	755.0	31.48	9.26	46.62	21.3	65.68	7.44	14.0
	755.0	760.0	29.05	8.23	49.38	18.3	66.64	6.33	12.2
	760.0	765.0	31.00	10.71	43.01	21.3	65.93	6.36	14.0
	765.0	770.0	30.44	7.59	47.62	17.0	68.31	4.65	11.6
	770.0	775.0	30.63	8.95	45.70	17.3	65.92	7.12	11.4
	775.0	780.0	30.51	11.53	44.19	18.3	66.80	5.40	12.2
	780.0	785.0	30.04	7.51	48.43	16.0	69.27	3.61	11.1
	785.0	790.0	36.42	8.39	36.67	16.0	66.48	5.41	10.6
	790.0	795.0	31.96	7.75	42.21	14.3	69.59	3.18	10.0
	795.0	800.0	30.39	8.63	46.75	15.7	66.80	5.87	10.5
	800.0	805.0	28.05	5.59	50.74	10.3	65.12	6.69	6.7
	805.0	810.0	33.96	8.17	39.82	16.7	65.36	6.56	10.9
	810.0	815.0	35.54	7.35	41.06	16.7	66.54	6.12	11.1
	815.0	820.0	27.01	9.34	52.19	13.0	65.20	7.40	8.5
	820.0	829.0	28.69	13.58	46.43	25.6	64.63	7.43	16.5
Lower Slaty	829.0	835.0	26.05	15.02	50.21	23.6	62.56	8.57	14.8
	835.0	840.0	26.69	22.53	35.70	6.3	54.65	17.46	3.4
	840.0	844.0	23.73	19.06	45.63	6.3	52.02	20.78	3.3
	844.0	850.0	27.18	23.97	33.42	0.3	n.d.	n.d.	
	850.0	855.0	24.92	20.45	36.65	Tr	n.d.	n.d.	
	855.0	863.5	23.25	20.83	41.08	0.7	n.d.	n.d.	

Table A-7 (continued)

Members	Footage		Crude Ore—Percent			Davis Tube Concentrate (-150 Mesh)—Percent			
	From	To	Fe	Fe ⁺⁺	Insol	Wt	Fe	Insol	Mag Fe
Lower Slaty	863.5	870.0	26.21	23.29	33.02	Tr	n.d.	n.d.	
	870.0	875.0	23.64	20.15	39.91	Tr	n.d.	n.d.	
	875.0	880.0	24.07	21.57	39.80	Tr	n.d.	n.d.	
	880.0	885.0	24.93	21.09	37.06	Tr	n.d.	n.d.	
	885.0	890.0	23.41	21.37	41.67	Tr	n.d.	n.d.	
	890.0	895.0	24.38	19.86	40.00	Tr	n.d.	n.d.	
	895.0	900.0	22.93	19.74	42.55	Tr	n.d.	n.d.	
	900.0	905.8	21.57	18.43	47.26	Tr	n.d.	n.d.	
	905.8	914.5	20.78	18.59	41.83	0.3	n.d.	n.d.	
	914.5	924.6	23.97	19.90	41.78	3.6	34.68	30.03	1.2
	924.6	930.0	21.72	20.25	42.16	0.7	63.51	n.d.	
	930.0	935.0	22.29	20.61	37.72	0.3	n.d.	n.d.	
	935.0	940.0	21.33	20.14	40.29	0.3	n.d.	n.d.	
	940.0	947.0	18.94	16.62	40.96	0.3	n.d.	n.d.	
	947.0	955.0	15.43	15.26	43.29	0.3	n.d.	n.d.	
Lower Cherty	955.0	960.0	14.51	14.30	50.11	0.3	n.d.	n.d.	
	960.0	965.0	10.30	8.71	67.68	0.3	n.d.	n.d.	
	965.0	970.0	13.98	12.46	52.34	0.3	n.d.	n.d.	
	970.0	975.0	19.82	18.19	43.65	0.3	n.d.	n.d.	
	975.0	980.0	16.45	14.87	51.53	Tr	n.d.	n.d.	
	980.0	985.0	22.41	18.62	33.07	2.7	53.09	n.d.	
	985.0	990.0	20.23	18.03	39.71	0.7	56.03	n.d.	
	990.0	998.0	22.20	18.86	36.14	1.0	60.27	n.d.	
	998.0	1005.0	27.09	22.21	37.72	7.3	57.25	9.76	4.2
	1005.0	1013.5	26.37	21.73	45.67	7.9	58.73	3.82	4.6
	1013.5	1022.5	26.21	20.45	40.29	12.3	64.60	3.76	7.9
	1022.5	1030.0	26.38	18.09	43.96	13.6	67.36	2.80	9.2
	1030.0	1035.0	29.64	19.82	43.38	19.6	67.28	4.38	13.2
	1035.0	1040.0	29.56	18.86	44.64	18.9	65.52	6.92	12.4
	1040.0	1045.0	30.22	19.90	44.89	16.6	65.40	7.21	10.8
	1045.0	1050.0	31.87	21.65	43.75	19.6	65.12	8.05	12.8
	1050.0	1055.0	25.73	19.50	52.23	5.7	58.33	13.46	3.3
	1055.0	1063.0	31.00	22.93	41.12	13.3	63.56	7.60	8.4
	1063.0	1070.0	30.76	19.50	43.49	17.0	63.32	7.93	10.8
	1070.0	1075.0	27.73	19.02	49.86	13.0	60.88	11.82	7.9
	1075.0	1080.0	25.71	16.94	49.03	26.3	63.44	8.85	16.7
	1080.0	1085.0	27.04	13.35	51.15	27.0	69.75	2.61	18.8
	1085.0	1090.0	26.69	13.36	52.46	28.0	68.08	4.50	19.1
	1090.0	1095.0	27.42	13.29	51.50	27.0	69.91	2.46	18.9
	1095.0	1100.0	28.07	12.47	56.27	31.6	69.03	3.91	21.8
	1100.0	1105.0	29.56	8.45	51.72	27.3	68.72	4.45	18.8
	1105.0	1110.0	28.93	8.07	50.89	23.6	71.11	1.73	16.8
	1110.0	1115.0	30.20	10.09	51.23	27.6	71.19	1.52	19.6
	1115.0	1124.0	27.96	12.94	51.64	25.3	69.91	2.27	17.7
	1124.0	1130.0	30.64	14.70	44.06	26.0	68.52	3.61	17.8
	1130.0	1135.0	29.48	13.58	46.83	27.3	67.84	4.39	18.5
	1135.0	1140.0	29.72	16.57	41.75	21.0	69.67	2.48	14.6
	1140.0	1145.0	29.71	15.18	43.58	21.3	69.64	2.52	14.8
	1145.0	1150.0	31.20	12.73	40.97	25.0	70.23	1.81	17.6
	1150.0	1155.0	30.96	14.94	39.54	18.6	68.64	3.54	12.8
	1155.0	1160.0	29.95	13.26	43.08	21.3	69.59	2.85	14.8
	1160.0	1165.0	26.37	9.71	49.81	20.3	70.79	1.78	14.4
	1165.0	1170.0	25.51	10.55	50.86	19.3	70.15	2.19	13.5
	1170.0	1175.0	25.09	10.23	45.74	12.3	68.68	2.55	8.4
	1175.0	1180.0	25.73	12.78	37.82	7.3	68.72	2.12	5.0
	1180.0	1185.0	28.02	15.02	35.59	14.0	59.57	5.73	8.3
	1185.0	1190.0	25.89	12.86	40.55	9.6	67.56	4.45	6.5
	1190.0	1195.7	26.21	10.15	45.93	11.0	69.99	2.42	7.7
	1195.7	1200.0	25.90	13.26	44.98	12.3	57.01	11.25	7.0