

## APPENDIX 4

TABLE A-6. Drill Hole No. 2—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 <sup>++</sup>	Insol	Wt.	Fe	Insol	Mag Fe
Upper Slaty	1614	1617.9	4.00	3.36	54.10	n.d.	n.d.	n.d.	
	1617.9	1620.0	6.47	5.07	37.10	n.d.	n.d.	n.d.	
	1620.0	1624.5	6.23	5.03	59.20	n.d.	n.d.	n.d.	
	1624.5	1627.8	6.03	5.35	23.35	0.6	n.d.	n.d.	
	1627.8	1633.4	5.43	4.63	26.90	0.3	n.d.	n.d.	
	1633.4	1635.7	5.47	4.79	53.30	0.6	n.d.	n.d.	
	1635.7	1645.0	7.71	6.51	45.30	0.3	n.d.	n.d.	
	1645.0	1650.0	14.14	11.83	55.20	0.6	n.d.	n.d.	
	1650.0	1651.9	18.18	16.86	51.00	2.6	58.76	n.d.	
	1651.9	1655.7	16.22	15.50	54.30	0.6	n.d.	n.d.	
	1655.7	1665.0	18.38	15.74	48.65	3.0	n.d.	n.d.	
	1665.0	1670.0	22.14	16.78	42.95	11.3	39.63	30.43	4.5
	1670.0	1675.0	22.85	16.34	53.50	11.6	48.98	27.00	5.7
	1675.0	1683.8	20.41	15.90	54.30	5.3	60.80	11.71	3.2
Upper Cherty	1683.8	1690.0	22.85	12.42	47.90	13.3	68.72	3.70	9.1
	1690.0	1697.0	27.93	11.67	47.40	23.3	68.88	3.80	16.0
	1697.0	1705.0	16.30	8.47	61.35	16.0	67.52	5.80	10.8
	1705.0	1710.0	25.45	9.11	53.20	20.6	67.92	4.75	14.0
	1710.0	1715.0	34.20	11.19	40.60	32.3	69.03	3.40	22.3
	1715.0	1720.0	25.97	10.83	47.56	27.3	68.24	4.96	18.6
	1720.0	1725.0	26.93	11.75	41.79	28.3	69.83	2.10	19.8
	1725.0	1730.0	22.85	12.26	44.80	19.0	69.55	2.36	13.2
	1730.0	1736.3	29.56	10.71	42.71	22.6	66.20	7.00	15.0
	1736.3	1740.0	27.01	6.71	47.09	9.3	63.18	9.23	5.9
	1740.0	1745.2	16.40	5.67	57.90	10.3	61.52	11.45	6.3
	1745.2	1750.0	35.00	15.90	38.89	34.0	66.56	5.29	22.6
	1750.0	1755.0	29.56	14.94	40.66	26.3	69.11	2.68	18.2
	1755.0	1760.0	26.21	15.50	35.98	17.0	69.59	2.39	11.8
	1760.0	1765.0	30.36	15.02	41.01	33.3	65.52	4.60	21.8
	1765.0	1770.0	30.04	15.86	39.59	35.6	61.36	9.98	21.8
	1770.0	1775.0	30.20	15.90	40.18	32.6	62.16	8.46	20.3
	1775.0	1780.0	25.25	15.34	39.42	21.3	63.94	7.70	13.6
	1780.0	1783.0	29.52	16.26	35.16	24.3	68.73	4.12	16.7
	1783.0	1790.0	32.32	13.58	47.54	44.3	61.52	13.78	27.2
	1790.0	1796.6	29.96	17.90	44.10	30.0	61.85	10.47	18.6
	1796.6	1800.8	29.52	21.41	35.83	18.6	61.19	7.69	11.4
	1800.8	1804.0	29.40	9.91	51.68	33.0	59.53	16.38	19.6
	1804.0	1810.6	25.37	7.19	52.02	24.3	66.24	7.57	16.1
	1810.6	1819.6	29.08	8.95	51.70	26.3	64.72	9.29	17.0
	1819.6	1824.1	26.66	10.07	53.51	20.6	65.52	7.74	13.5
	1824.1	1830.0	25.54	17.62	45.73	16.0	51.14	21.23	8.2
	1830.0	1838.1	24.89	16.54	47.10	14.6	51.94	21.59	7.6
	1838.1	1845.0	21.97	12.86	56.88	16.3	64.72	7.95	10.5
	1845.0	1850.0	29.48	14.54	47.86	28.3	67.89	4.24	19.2
	1850.0	1855.0	26.85	15.02	52.03	23.3	62.92	6.28	14.7
	1855.0	1860.0	29.84	16.18	46.40	28.3	66.28	4.72	18.8
	1860.0	1865.0	31.80	15.14	44.28	31.6	65.92	6.74	20.8
	1865.0	1870.0	26.93	14.54	50.71	20.0	66.84	5.02	13.4
	1870.0	1875.0	29.08	18.54	46.42	22.3	65.52	6.48	14.6
	1875.0	1882.4	34.92	19.14	41.56	34.0	68.95	3.60	23.4
	1882.4	1886.2	29.72	15.26	49.30	28.3	63.60	8.45	18.0
Lower Slaty	1886.2	1895.0	28.88	21.57	45.48	7.3	60.17	14.01	4.4
	1895.0	1900.0	26.69	19.58	52.97	5.3	58.73	16.63	3.1
	1900.0	1905.0	26.53	21.21	49.16	4.3	59.29	15.35	2.5
	1905.0	1914.1	26.85	22.69	40.63	0.3	70.28	n.d.	0.2
	1914.1	1921.8	25.41	21.01	43.94	0.3	68.75	n.d.	0.2



Table A-6 (continued)

Members	Footage		Crude Ore—Percent			Davis Tube Concentrate (—150 Mesh)—Percent			
	From	To	Fe	Fe <sup>++</sup>	Insol	Wt	Fe	Insol	Mag Fe
Lower Slaty	1921.8	1930.0	25.49	20.49	46.72	0.3	65.02	n.d.	0.2
	1930.0	1935.0	27.09	21.69	41.76	0.3	69.03	n.d.	0.2
	1935.0	1940.0	27.93	25.01	44.46	0.3	n.d.	n.d.	
	1940.0	1945.0	27.49	24.37	41.33	0.3	n.d.	n.d.	
	1945.0	1950.0	26.33	22.85	47.20	0.3	n.d.	n.d.	
	1950.0	1955.0	28.92	25.09	44.27	0.3	n.d.	n.d.	
	1955.0	1961.3	27.17	24.81	43.42	0.3	n.d.	n.d.	
	1961.3	1970.0	25.99	23.89	40.25	0.3	n.d.	n.d.	
	1970.0	1975.0	20.53	18.94	54.66	0.3	n.d.	n.d.	
	1975.0	1980.0	23.49	20.97	48.41	0.6	n.d.	n.d.	
	1980.0	1985.0	24.29	21.41	45.07	0.6	n.d.	n.d.	
	1985.0	1990.0	21.49	19.39	50.35	1.3	n.d.	n.d.	
	1990.0	1995.0	24.05	20.57	43.78	Tr	n.d.	n.d.	
	1995.0	2003.5	20.45	18.22	49.11	0.3	n.d.	n.d.	
	2003.5	2008.8	27.17	25.01	29.32	0.3	n.d.	n.d.	
	2008.8	2013.0	18.86	16.54	54.41	0.3	n.d.	n.d.	
	2013.0	2018.1	24.41	21.57	48.43	0.3	n.d.	n.d.	
	2018.1	2026.0	26.97	22.77	43.25	7.0	63.20	8.42	4.4
	2026.0	2034.4	24.69	17.10	48.21	12.0	66.56	4.75	8.0
	2034.4	2040.0	25.73	16.26	47.10	16.6	65.76	6.25	10.9
	2040.0	2045.8	27.57	17.02	49.98	25.3	65.72	7.45	16.6
Lower Cherty	2045.8	2053.0	27.01	12.90	44.53	28.6	68.00	4.28	19.4
	2053.0	2058.0	27.00	10.91	43.19	33.6	69.11	3.67	23.2
	2058.0	2064.0	24.53	11.11	44.60	29.0	67.76	4.53	19.6
	2064.0	2070.0	27.17	11.39	47.36	34.6	66.08	6.35	22.9
	2070.0	2075.0	26.21	12.38	41.32	32.6	63.76	7.70	20.8
	2075.0	2080.0	30.00	12.62	42.05	37.6	65.52	7.78	24.6
	2080.0	2085.0	29.84	15.42	43.54	31.3	63.36	10.58	19.8
	2085.0	2090.0	37.87	14.62	33.27	49.3	68.52	4.00	33.8
	2090.0	2097.8	32.92	15.46	44.78	43.6	63.92	8.72	27.9
	2097.8	2105.0	28.21	15.62	49.80	30.3	62.69	9.92	19.0
	2105.0	2110.0	31.32	16.66	47.51	34.3	66.16	6.39	22.7
	2110.0	2115.0	35.16	18.02	40.49	41.6	63.60	8.37	26.5
	2115.0	2120.0	31.48	16.02	45.97	38.0	61.52	10.15	23.4
	2120.0	2125.0	33.24	15.30	45.32	40.6	63.84	8.35	25.9
	2125.0	2130.0	31.00	15.18	48.43	38.3	60.88	11.93	23.3
	2130.0	2135.0	35.00	14.78	43.64	44.3	65.00	7.59	28.8
	2135.0	2140.0	31.16	14.38	48.95	38.6	65.92	6.74	25.4
	2140.0	2145.0	31.08	10.47	50.39	39.3	64.88	8.50	25.5
	2145.0	2150.0	32.84	11.51	49.37	40.6	64.40	9.04	26.1
	2150.0	2155.0	30.04	12.46	49.46	39.0	64.56	7.91	25.2
	2155.0	2160.0	29.40	12.62	50.24	38.6	63.92	8.58	24.7
	2160.0	2165.6	29.96	12.98	47.83	37.6	65.52	6.01	24.6
	2165.6	2170.0	29.88	13.02	47.17	38.3	65.28	6.90	25.0
	2170.0	2175.0	29.40	11.94	50.18	39.0	65.32	8.04	25.5
	2175.0	2180.0	31.94	12.70	41.92	44.0	62.96	9.41	27.7
	2180.0	2185.0	34.36	14.27	38.05	44.3	65.36	6.69	29.0
	2185.0	2190.0	30.92	14.38	41.90	38.0	65.49	6.27	24.9
	2190.0	2197.0	30.84	13.06	41.74	37.0	67.48	3.75	25.0
	2197.0	2202.0	28.21	12.30	40.82	31.0	66.88	5.02	20.7
	2202.0	2210.0	25.65	15.10	41.45	16.0	63.76	6.08	10.2
	2210.0	2218.6	26.33	12.46	46.56	20.3	60.09	12.90	12.2