TABLE A-8. Drill Hole No. 7—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 Cherty	792.2	800.0	8.29	7.85	45.60	0.6	n.d.	n.d.	
	800.0	805.0	10.22	10.14	62.57	0.6	n.d.	n.d.	
	805.0	810.0	17.23	17.11	48.13	0.3	n.d.	n.d.	
	810.0	815.0	15.29	14.50	51.65	0.3	n.d.	n.d.	
	815.0	820.0	23.75	22.38	35.21	0.3	n.d.	n.d.	
	820.0	825.0	26.49	25.60	26.69	0.3	n.d.	n.d.	
	825.0	834.0	21.68	20.61	44.76	0.6	n.d.	n.d.	
	834.0	840.0	25.20	24.47	38.24	0.3	n.d.	n.d.	
	840.0	845.0	28.74	25.92	33.38	7.3	54.97	7.29	4.0
	845.0	850.0	22.98	17.55	36.65	7.6	67.78	1.92	5.2
	850.0	855.0	27.21	20.53	39.79	12.6	70.87	1.64	8.9
	855.0	860.0	25.07	17.23	41.10	15.0	69.43	2.75	10.4
	860.0	865.0	25.44	19.96	34.67	7.0	65.60	2.74	4.6
	865.0	870.0	26.64	17.31	39.42	18.6	68.89	3.81	12.8
	870.0	875.0	25.52	17.23	43.25	17.0	67.28	5.26	11.4
	875.0	880.0	25.92	18.03	33.73	13.3	68.24	3.47	9.1
	880.0	885.0	26.56	12.24	40.00	21.6	69.51	3.35	15.0
	885.0	890.0	27.29	10.71	43.41	25.6	67.68	5.94	17.3
	890.0	895.0	30.27	10.79	40.96	29.6	67.29	6.12	19.9
	895.0	900.0	28.33	15.46	42.04	21.0	68.89	3.20	14.5
	900.0	905.0	27.85	15.67	41.33	24.3	69.91	2.43	17.0
	905.0	910.0	27.51	17.39	37.91	18.3	69.97	1.68	12.8
	910.0	917.1	28.04	19.95	31.73	16.0	69.02	2.57	11.0
	917.1	920.0	33.35	16.71	39.20	31.0	67.75	3.82	21.0
	920.0	925.0	31.52	15.58	42.26	28.6	69.91	2.45	20.0
	925.0	930.0	30.71	17.87	38.59	16.3	69.63	2.47	11.3
	930.0	936.1	35.58	16.50	39.37	32.6	69.95	2.43	22.8
	936.1	937.8	37.79	14.81	33.15	29.6	68.84	2.91	20.4
	937.8	945.0	34.21	10.93	44.03	30.3	69.11	2.04	20.9
	945.0	950.0	36.18	14.41	39.82	33.6	70.27	1.75	23.6
	950.0	955.0	32.80	14.49	44.63	27.6	70.12	2.28	19.4
	955.0	960.0	36.46	14.57	42.38	33.6	70.31	2.05	23.6
	960.0	965.0	35.98	15.17	41.15	35.0	70.23	2.17	24.6
	965.0	970.0	35.42	15.46	42.04	32.3	70.39	2.14	22.7
	970.0	975.0	35.87	16.02	39.88	32.6	69.67	2.68	22.8
	975.0	980.0	33.49	18.19	39.26	26.0	69.75	2.73	18.1
	980.0	985.0	31.23	14.85	44.82	27.0	69.83	2.59	18.8
	985.0	990.0	34.15	15.62	39.03	27.6	67.60	4.01	18.6
	990.0	995.0	32.60	15.46	42.65	29.6	68.72	3.10	20.3
	995.0	1000.0	32.94	14.01	42.70	25.6	69.51	2.68	17.8
	1000.0	1005.0	34.63	15.05	39.52	26.6	69.67	2.54	18.5
	1005.0	1010.0	38.27	13.52	38.25	33.6	70.31	2.11	23.6
	1010.0	1015.0	38.15	11.14	39.17	28.6	70.43	2.19	20.1
	1015.0	1020.0	38.56	11.83	35.51	25.6	69.91	2.37	17.9
	1020.0	1025.0	34.45	12.40	38.56	16.0	70.24	2.35	11.2
	1025.0	1030.0	33.81	11.12	40.50	19.6	67.85	4.43	13.3
	1030.0	1038.2	29.74	17.47	35.02	11.6	68.92	2.65	8.0
	1038.2	1045.0	29.15	21.98	33.64	9.6	69.99	3.09	6.7
	1045.0	1050.0	28.96	26.89	28.42	2.7	54.57	n.d.	1.5
	1050.0	1056.3	28.66	25.92	31.45	7.0	55.26	11.87	3.9
	1056.3	1061.1	23.37	23.01	34.66	0.3	n.d.	n.d.	
Intermediate Slate	1061.1	1067.9	22.86	22.30	29.08	0.3	n.d.	n.d.	
	1067.9	1069.0	8.21	7.93	59.90	0.3	n.d.	n.d.	
Lower Cherty	1069.0	1075.0	8.22	7.97	69.05	0.3	n.d.	n.d.	
	1075.0	1080.0	10.06	9.78	62.57	0.6	n.d.	n.d.	
	1080.0	1085.0	10.97	9.82	57.83	0.3	n.d.	n.d.	
	1085.0	1090.0	13.56	12.84	46.89	0.3	n.d.	n.d.	
	1090.0	1095.0	10.77	9.97	58.05	0.3	n.d.	n.d.	
	1095.0	1100.0	14.79	14.45	47.64	0.3	n.d.	n.d.	
	1100.0	1105.0	17.45	17.04	42.61	0.3	n.d.	n.d.	
	1105.0	1112.7	19.13	18.01	41.97	0.3	n.d.	n.d.	

Table A-8 (continued)

Members	Footage From	Footage To	Crude Ore—Percent Fe	Crude Ore—Percent Fe^{++}	Crude Ore—Percent Insol	Davis Tube Concentrate (—150 Mesh)—Percent Wt	Davis Tube Concentrate (—150 Mesh)—Percent Fe	Davis Tube Concentrate (—150 Mesh)—Percent Insol	Davis Tube Concentrate (—150 Mesh)—Percent Mag Fe
Lower Cherty	1112.7	1120.0	21.65	19.30	39.72	6.0	67.52	3.76	4.0
	1120.0	1125.0	24.76	20.58	40.80	9.6	63.60	4.49	6.1
	1125.0	1134.0	23.07	14.63	46.12	14.3	65.93	4.17	9.4
	1134.0	1140.0	24.79	9.31	49.89	16.3	70.15	2.51	11.4
	1140.0	1145.0	25.41	7.89	51.05	18.6	70.47	1.94	13.1
	1145.0	1150.0	26.05	8.04	53.81	22.6	70.23	2.59	15.9
	1150.0	1155.0	27.90	10.45	54.66	29.3	70.19	2.23	20.6
	1155.0	1160.0	27.82	9.67	50.92	28.6	69.68	3.15	19.9
	1160.0	1165.0	29.26	12.70	50.28	31.6	69.92	2.48	22.1
	1165.0	1170.0	31.03	14.55	47.53	35.0	70.74	1.70	24.8
	1170.0	1175.0	33.45	15.93	45.09	38.0	70.71	1.73	26.9
	1175.0	1180.0	32.31	14.79	45.04	38.3	70.87	1.69	27.1
	1180.0	1185.0	29.18	13.18	50.86	32.0	70.89	1.67	22.7
	1185.0	1190.0	29.75	12.86	46.40	33.3	70.15	2.40	23.4
	1190.0	1195.0	28.94	13.15	52.07	33.3	70.79	1.84	23.6
	1195.0	1200.0	29.62	14.17	52.50	33.3	70.87	1.56	23.6
	1200.0	1205.0	30.59	12.89	53.21	34.6	70.86	1.65	24.5
	1205.0	1210.0	31.73	12.24	47.66	34.0	70.71	1.79	24.0
	1210.0	1215.0	31.96	10.63	48.63	31.6	70.58	2.13	22.3
	1215.0	1220.0	32.04	10.97	49.45	30.6	70.63	1.88	21.6
	1220.0	1225.0	30.11	12.40	47.86	29.3	70.48	1.85	20.6
	1225.0	1230.0	34.13	13.60	42.69	30.3	70.47	1.70	21.4
	1230.0	1237.4	27.38	11.43	51.44	24.3	70.71	1.56	17.2
	1237.4	1245.0	30.75	14.81	46.02	25.6	70.52	1.48	18.0
	1245.0	1250.0	28.17	14.05	48.78	26.6	70.30	1.79	18.7
	1250.0	1255.0	29.30	14.81	49.65	29.3	70.79	1.52	20.7
	1255.0	1260.0	32.68	16.43	44.22	32.0	70.36	1.91	22.5
	1260.0	1265.0	30.27	15.78	45.07	28.6	70.87	1.46	20.3
	1265.0	1270.0	28.50	14.89	48.70	27.6	70.63	1.94	19.5
	1270.0	1275.0	28.51	15.94	47.46	26.0	70.15	1.82	18.2
	1275.0	1280.0	29.78	16.10	45.79	26.6	69.36	3.15	18.4
	1280.0	1285.0	29.94	18.76	39.81	19.0	67.92	3.67	12.9
	1285.0	1294.0	27.05	23.18	41.20	6.0	69.83	2.21	4.2
	1294.0	1302.0	24.79	22.71	32.28	0.3	n.d.	n.d.	
	1302.0	1310.0	28.17	12.32	48.95	22.6	70.79	1.68	16.0
	1310.0	1315.0	33.65	15.46	37.48	24.6	70.31	1.73	17.3
	1315.0	1320.0	27.38	13.35	47.42	16.6	70.26	1.81	11.7
	1320.0	1325.0	28.74	13.12	45.76	17.6	70.47	1.72	12.4
	1325.0	1330.0	29.15	9.18	51.53	12.0	70.52	1.90	8.5
	1330.0	1335.0	22.17	12.31	40.90	11.3	70.71	1.64	8.0
	1335.0	1340.0	27.38	7.89	46.36	8.6	70.63	2.05	6.1
	1340.0	1345.0	26.05	6.63	42.70	4.7	70.31	2.47	3.3
	1345.0	1350.2	26.40	5.31	46.25	4.3	68.48	4.03	2.9
	1350.2	1355.0	30.59	5.47	42.01	1.3	64.19	n.d.	0.8
	1355.0	1360.0	25.11	4.59	45.78	1.3	63.21	n.d.	0.8
	1360.0	1365.0	27.05	4.63	44.30	3.3	56.89	n.d.	1.9
	1365.0	1373.9	23.50	4.11	48.97	0.9	70.32	n.d.	0.6
	1373.9	1381.5	24.63	6.60	48.74	1.3	62.24	n.d.	0.8