TABLE 5 - Analyses of diamond drill cores

Diamond Drill Hole 43

Footage From-	Footage To-	Sample Interval Feet	Core Assay,% Mn	Core Assay,% Fe	Combined Core and Sludge Assay,% Mn	Combined Core and Sludge Assay,% Fe	Remarks and Lithology (See Explanation, Fig. 3)
0.0	5.0						Overburden
5.0	765.0						Gray-green slate
765.0	770.0	5.0	2.72	13.96			Bottom of gray-green slate @ 765.0 ft.
770.0	780.0	10.0	.80	4.90			
780.0	790.0	10.0	4.08	9.39			
790.0	800.0	10.0	.76	4.90			Manganiferous
800.0	810.0	10.0	2.20	10.69			
810.0	820.0	10.0	1.60	6.70			purple
820.0	830.0	10.0	1.28	8.33			
830.0	840.0	10.0	.56	5.88			and
840.0	850.0	10.0	.72	6.61			
850.0	860.0	10.0	.76	5.39			red
860.0	870.0	10.0	.68	4.74			
870.0	880.0	10.0	3.90	8.08			slate
Total		115.0	1.63	7.18			Core recovery - 99.2%
880.0	890.0	10.0	12.02	14.12			
890.0	900.0	10.0	10.36	24.98			Manganiferous banded hematite
900.0	910.0	10.0	13.32	28.09			interbedded in manganiferous
910.0	920.0	10.0	19.52	21.23			purple and red slate
920.0	930.0	10.0	13.96	16.49			
930.0	940.0	10.0	12.62	15.84	9.14	15.47	
Total		60.0			13.05	20.06	Core recovery - 87.0%
940.0	950.0	10.0	2.48	6.04			Manganiferous purple
950.0	960.0	10.0	2.26	8.90			and red slate
Total		20.0	2.37	7.47			Core recovery - 95.5%
960.0	970.0	10.0	6.48	10.29			
970.0	980.0	10.0	5.32	6.37			
980.0	990.0	10.0	9.36	19.11			Manganiferous
990.0	1000.0	10.0	9.84	16.08			
1000.0	1010.0	10.0	3.68	15.02			purple
1010.0	1020.0	10.0	4.20	7.07	3.63	8.96	
1020.0	1030.0	10.0	11.72	27.76	8.32	21.55	and
1030.0	1040.0	10.0	8.24	16.00			
1040.0	1050.0	10.0	1.68	5.96			red slate
Total		90.0			6.28	13.26	Core recovery - 94.4%
1050.0	1060.0	10.0	12.36	18.13			Manganiferous banded
1060.0	1070.0	10.0	14.96	25.88			hematite inberbeds in
							manganiferous purple & red slate
Total		20.0	13.66	22.00			Core recovery - 97.5%
1070.0	1080.0	10.0	6.40	5.72			
1080.0	1090.0	10.0	2.00	10.29			Manganiferous
1090.0	1100.0	10.0	1.60	37.97	4.52	16.96	purple and
1100.0	1110.0	10.0	1.64	14.70	2.15	13.97	red slate
1110.0	1120.0	10.0	2.40	6.53			
Total		50.0			3.49	10.69	Core recovery - 78.6%
1120.0	1130.0	10.0	5.40	17.15			
1130.0	1140.0	10.0	9.00	15.84	5.05	14.51	Manganiferous purple
1140.0	1150.0	10.0	9.40	10.94			and red slate
1150.0	1160.0	10.0	6.92	5.72			
Total		40.0			6.69	12.08	Core Recovery - 95.3%

TABLE 5 - Analyses of diamond drill cores

Diamond Drill Hole 43 (cont'd.)

Footage From-	Footage To-	Sample Interval Feet	Core Assay,% Mn	Core Assay,% Fe	Combined Core and Sludge Assay,% Mn	Combined Core and Sludge Assay,% Fe	Remarks and Lithology (See Explanation, Fig. 3)
1160.0	1170.0	10.0	2.80	7.43	4.15	11.84	Manganiferous purple and red slate
1170.0	1180.0	10.0	1.48	7.59			
1180.0	1190.0	10.0	2.28	4.57			
1190.0	1200.0	10.0	2.96	7.43			
1200.0	1210.0	10.0	3.52	8.00			
Total		50.0			2.88	7.89	Core recovery - 93.6%
1210.0	1220.0	10.0	9.40	21.39			Manganiferous banded hematite interbeds in manganiferous purple and red slate
1220.0	1230.0	10.0	13.60	20.90			
Total		20.0	11.50	21.14			Core recovery - 91.0%
1230.0	1240.0	10.0	4.76	11.92			Manganiferous purple and red slate
1240.0	1250.0	10.0	1.04	11.67	2.85	14.59	
1250.0	1260.0	10.0	1.64	1.96	2.61	16.94	
1260.0	1264.6	4.6	2.56	13.39			
1264.6	1266.0	1.4	0	0	(lost core-no sludge)		Top of manganiferous banded hematite @ 1266.0'
Total		36.0			3.17	13.78	Core recovery - 62.2%
1266.0	1270.0	4.0	13.56	31.11			Manganiferous banded hematite
1270.0	1280.0	10.0	8.20	33.97			
1280.0	1290.0	10.0	15.68	22.13			
Total		24.0	12.21	28.56			Core recovery - 96.7%
1290.0	1299.0	9.0	7.44	34.86	6.05	28.67	Red and gray slate interbeds in manganiferous banded hematite
1299.0	1308.5	9.5	1.72	4.74			
Total		18.5			3.83	16.38	Core recovery - 85.4%
1308.5	1320.0	11.5	11.24	28.49			Manganiferous banded hematite
1320.0	1330.0	10.0	15.16	24.00			
1330.0	1340.0	10.0	11.00	30.05			
1340.0	1350.0	10.0	12.84	22.45			
Total		41.5	12.51	26.32			Core recovery - 100.0%
Total Core Sampled		585.0					Core recovery - 91.5%