TABLE 5 - Analyses of diamond drill cores

Diamond Drill Hole 56

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	3.0						
3.0	70.0						Overburden
70.0	80.0	10.0	1.88	8.92			Gray-green slate
80.0	89.0	9.0	1.04	5.84			
89.0	95.5	6.5	2.48	6.97			Gray-green slate Contact @
Total		25.5	1.74	7.34			Core recovery - 89.4%
95.5	100.0	4.5	15.08	15.08			
100.0	110.0	10.0	6.76	23.43			Manganiferous interbedded hematitic and green slate
110.0	120.0	10.0	6.08	16.79			
Total		24.5	8.01	19.18			Core recovery - 98.0%
120.0	130.0	10.0	11.16	24.17			Manganiferous banded hematite Core recovery - 93.0%
130.0	136.5	6.5	6.52	19.46			
136.5	144.0	7.5	11.51	27.82			Manganiferous interbedded hematitic and green slate Contact @ 144.8'
144.0	148.6	4.6	5.60	7.22			
Total		18.6	8.30	19.80			Core recovery - 97.3%
148.6	160.0	11.4	0.68	3.89			Above manganiferous rocks comprise a lens in green slate
160.0	170.0	10.0	.52	5.68			Green slate
Total		21.4	0.61	4.73			Core recovery - 96.3%
170.0	194.5						Green slate
Total Core Sampled		100.0					Core recovery - 94.8%

Diamond Drill Hole 57

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	6.0						
6.0	10.0	4.0	17.95	12.77			Overburden
10.0	20.0	10.0	9.51	26.03			Green slate; contact @ 10.0' Manganiferous interbedded hematitic & green slate
Total		14.0	11.92	22.24			Core recovery - 24.3%
20.0	22.5	2.5	4.24	17.14			
22.5	30.0	7.5	9.43	21.02			Recrystallized manganiferous interbedded hematitic and green slate
30.0	40.0	10.0	9.80	28.78	12.15	22.55	
40.0	42.5	2.5	4.60	21.34			
42.5	50.0	7.5	13.48	10.35			
50.0	60.0	10.0	7.23	13.58			
60.0	70.0	10.0	5.56	20.86			
70.0	80.0	10.0	6.15	22.64			
80.0	90.0	10.0	3.36	14.31			
90.0	92.0	2.0	4.43	18.76			
92.0	100.0	8.0	12.47	22.64			
100.0	110.0	10.0	9.07	23.33			
110.0	120.0	10.0	4.20	22.18			
Total		100.0			7.80	19.43	Core recovery - 95.5%
120.0	130.0	10.0	11.00	23.77			Recrystallized Manganiferous banded hematite
130.0	132.5	2.5	10.43	15.84			Contact @ 132.5'
Total		12.5	10.89	22.18			Core recovery - 100.0%
132.5	140.0	7.5	5.47	5.98			Above manganiferous rocks comprise a lens in green slate Green slate

TABLE 5 - Analyses of diamond drill cores

Diamond Drill Hole 57 (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)
140.0	150.0	10.0	0.95	5.17			Green slate Core recovery - 100.0%
150.0	189.0						Green slate 52° - 82° Faults at 155' - 170'
Total Core Sampled		144.0					Core recovery - 89.4%

Diamond Drill Holes 58

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	3.0						Overburden
3.0	50.0						Gray-green slate
50.0	60.0	10.0	0.68	5.94			Gray-green slate
60.0	71.2	11.2	1.52	8.30			
Total		21.2	1.12	7.19			Core recovery - 98.6%
71.2	78.0	6.8	5.40	10.01			Dark Green slate - Contact @ 78.0' Core recovery - 100.0%
78.0	81.0	3.0	9.72	26.05			Recrystallized manganiferous interbedded hematitic and green slate
81.0	90.0	9.0	11.56	17.05			
Total		12.0	11.10	19.30			Core recovery - 100.0%
90.0	100.0	10.0	7.76	16.77			Recrystallized manganfferous, interbedded hematitic and green slate
100.0	110.0	10.0	5.52	24.01			
110.0	120.0	10.0	4.68	20.84			
120.0	124.5	4.5	6.08	24.99			
124.5	134.0	9.5	7.80	28.65			
134.0	140.0	6.0	8.24	12.86			
140.0	150.0	10.0	7.16	15.55			
Total		60.0	6.70	20.72			Core recovery - 97.3%
150.0	160.0	10.0	11.60	16.93			Recrystallized manganiferous interbedded hematitic and green slate Core recovery - 100.0%
160.0	170.0	10.0	8.96	11.31			Recrystallized manganiferous interbedded hematitic and green slate Contact @ 172.5'
170.0	172.5	2.5	4.72	15.47			
Total		12.5	8.11	12.14			Core recovery - 100.0%
172.5	180.0	7.5	1.08	6.67			Above manganiferous rocks comprise a lens in green slate Green slate
180.0	190.0	10.0	1.16	6.76			
Total		17.5	1.13	6.72			Core recovery - 100.0%
190.0	196.0						Green slate
Total Core Sampled		140.0					Core recovery - 98.6%