TABLE 5 - Analyses of diamond drill cores

Diamond Drill Hole 53

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	4.0						
4.0	510.0						Overburden
510.0	520.0	10.0	0.60	4.50			Gray-green slate
520.0	530.4	10.4	.88	4.34			
530.4	540.0	9.6	1.04	9.96			Bottom of gray-green slate @ 530.4'
540.0	550.0	10.0	2.81	8.03			
550.0	560.0	10.0	.88	5.06			
560.0	570.0	10.0	2.92	8.68			
570.0	580.0	10.0	.88	4.50			Manganiferous
580.0	590.0	10.0	1.44	5.46			
590.0	601.8	11.8	4.32	9.92			purple
601.8	610.0	8.2	2.64	6.42			
610.0	620.0	10.0	1.52	6.10			and
620.0	630.0	10.0	.64	4.82			
630.0	640.0	10.0	1.84	7.71			red
640.0	650.0	10.0	1.04	7.87			
650.0	660.0	10.0	.96	4.98			slate
660.0	670.0	10.0	1.52	5.46			
670.0	680.0	10.0	1.16	6.26			
680.0	690.0	10.0	1.64	4.82			
690.0	700.0	10.0	.96	4.82			
700.0	710.0	10.0	.92	5.30			
710.0	720.0	10.0	1.32	6.42			
720.0	730.0	10.0	1.36	8.84			
730.0	740.0	10.0	.84	6.10			
740.0	750.0	10.0	.68	6.26			
Total		240.0	1.44	5.93			Core recovery - 99.8%

Diamond Drill Hole 54

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	24.2						
24.2	30.0	5.8	3.92	14.46			Manganiferous purple and red slate Core recovery - 100.0%
30.0	40.0	10.0	9.60	13.50			
40.0	50.0	10.0	3.36	9.48			Manganiferous purple and red slate
50.0	54.0	4.0	4.52	6.59			
Total		24.0	6.15	10.67			Core recovery - 95.8%
54.0	60.0	6.0	12.40	20.24			Top of manganiferous banded hematite @ 54.0'
60.0	70.0	10.0	8.12	27.40			
70.0	80.0	10.0	10.72	26.03			
80.0	90.0	10.0	10.64	23.94			
90.0	100.0	10.0	12.20	24.83			
100.0	110.0	10.0	10.20	24.91			Manganiferous banded hematite
110.0	120.0	10.0	10.84	27.80			
120.0	131.5	11.5	10.76	20.41			Bottom of manganiferous banded hematite @ 131.5'
Total		77.5	10.65	24.58			Core recovery - 99.5%
131.5	140.0	8.5	2.16	14.78			Manganiferous interbedded hematitic and green slate
140.0	150.0	10.0	5.84	22.50			
150.0	160.0	10.0	5.88	24.75			
160.0	166.0	6.0	3.32	6.59			
Total		34.5	4.50	18.48			Core recovery - 100.0%

TABLE 5 - Analyses of diamond drill cores

Diamond Drill Hole 54 (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)
166.0	170.0	4.0	10.76	20.89			Manganiferous banded hematite interbeds in the manganiferous interbedded hematitic and green slate unit
170.0	180.0	10.0	11.12	19.60			
180.0	187.0	7.0	8.72	20.89			
187.0	190.0	3.0	8.96	20.73			
190.0	194.0	4.0	10.00	18.48			
194.0	200.0	6.0	10.16	27.16			
200.0	204.8	4.8	11.60	23.78			
Total		38.8	10.29	21.62			Core recovery - 97.9%
							Top of green slate @ 204.8'
204.8	210.0	5.2	4.52	14.14			Green slate (Occasional hematitic interbeds between 204.8'-229.0')
210.0	220.0	10.0	1.64	9.64			
220.0	229.0	9.0	3.48	11.49			
229.0	240.0	11.0	2.80	6.10			
240.0	250.0	10.0	2.32	6.10			
Total		45.2	2.71	8.88			Core recovery - 99.8%
250.0	271.0						Green slate
Total Core Sampled		225.8					Core recovery - 99.0%

Diamond Drill Hole 55

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	6.5						Overburden
6.5	90.0						Gray-green slate
90.0	100.0	10.0	0.88	5.95			Gray-green slate
100.0	105.3	5.3	2.28	8.24			Contact @ 105.3'
Total		15.3	1.36	6.74			Core recovery - 98.0%
105.3	110.0	4.7	8.00	21.53			Manganiferous interbedded hematitic and green slate
110.0	120.0	10.0	8.00	17.37			
120.0	129.3	9.3	5.32	14.92			
Total		24.0	6.96	17.24			Core recovery - 93.3%
129.3	140.0	10.7	10.28	19.41			Manganiferous banded hematite contact @ 140.0' Core recovery - 99.1%
140.0	151.0	11.0	2.40	6.93			Above manganiferous rocks comprise a lens in green slate - Green slate Core recovery - 94.5%
151.0	160.0	9.0	0.72	4.73			Green slate
160.0	170.0	10.0	.32	5.38			
Total		19.0	0.51	5.07			Core recovery - 100.0%
170.0	185.0						Green slate
Total Core Sampled		80.0					Core recovery - 96.8%