TABLE 5 - Analyses of diamond drill cores

Diamond Drill Hole 33

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	20.8						
20.8	1100.0						Overburden
1100.0	1106.0	6.0	0.72	4.58			Gray-green slate
1106.0	1110.0	4.0	.80	5.30			Gray-green slate
							Bottom of gray-green slate @ 1106.0 ft.
Total		10.0	0.75	4.87			Core recovery - 97.0%
1110.0	1120.0	10.0	3.28	7.39			Manganiferous
1120.0	1130.0	10.0	3.00	7.87			
1130.0	1140.0	10.0	1.31	6.02			purple
1140.0	1150.0	10.0	4.35	8.18			
1150.0	1160.0	10.0	.87	3.53			and
1160.0	1170.0	10.0	2.03	7.14			
1170.0	1180.0	10.0	2.83	6.74			red slate
Total		70.0	2.52	6.69			Core recovery - 99.0%
1180.0	1190.0	10.0	6.35	6.26			Manganiferous
1190.0	1200.0	10.0	6.51	8.17			purple
1200.0	1210.0	10.0	5.68	14.12			and
1210.0	1220.0	10.0	5.36	14.20			red
1220.0	1230.0	10.0	8.67	12.60			slate
Total		50.0	6.51	11.07			Core recovery - 99.2%
1230.0	1240.0	10.0	1.24	10.03			Manganiferous
1240.0	1250.0	10.0	1.60	8.26			purple and
1250.0	1260.0	10.0	3.32	11.71			red slate
Total		30.0	2.05	10.00			Core recovery - 100.0%
1260.0	1270.0	10.0	6.28	12.68			Manganiferous
1270.0	1280.0	10.0	8.40	13.32			
1280.0	1290.0	10.0	4.75	5.29			purple and
1290.0	1300.0	10.0	8.04	12.84			
1300.0	1310.0	10.0	5.51	8.26			red slate
1310.0	1320.0	10.0	3.40	8.98			
Total		60.0	6.06	10.23			Core recovery - 99.7%
1320.0	1330.0	10.0	1.52	5.37			Manganiferous
1330.0	1340.0	10.0	1.32	7.70			purple
1340.0	1350.0	10.0	1.51	4.57			and
1350.0	1360.0	10.0	3.03	9.95			red slate
Total		40.0	1.85	6.90			Core recovery - 98.3%
1360.0	1370.0	10.0	8.67	12.76			Manganiferous purple
1370.0	1380.2	10.2	4.12	8.34			and red slate
Total		20.2	6.37	10.53			Core recovery - 98.5%
1380.2	1390.0	9.8	11.72	17.17			Top of manganiferous banded hematite @ 1380.2'
1390.0	1400.0	10.0	10.84	13.48			
1400.0	1410.0	10.0	6.24	13.35			Manganiferous
1410.0	1420.0	10.0	14.00	18.07			banded
1420.0	1430.0	10.0	11.32	27.35			hematite
1430.0	1436.7	6.7	11.32	26.78			
Total		56.5	10.88	18.94			Core recovery - 94.0%
Total Core Sampled		336.7					Core recovery - 98.2%