TABLE 5 - Analyses of diamond drill cores

Diamond Drill Hole 44(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)
							Core recovery - 97.6%
697.5	710.0	12.5	2.32	7.23			Green slate
710.0	733.5						Green slate
Total Core Sampled		380.0					Core recovery - 94.2%

Diamond Drill Hole 45

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	40.0						Gray-green slate
40.0	50.0	10.0	0.48	4.55			Bottom of gray-green
50.0	60.0	10.0	.40	3.25			slate @ 81.0 ft.
60.0	70.0	10.0	.47	4.06			Manganiferous
70.0	81.0	11.0	2.23	7.63			
81.0	90.0	9.0	1.12	6.98			purple and
90.0	100.0	10.0	0.92	6.01			
100.0	110.0	10.0	1.43	4.22			red slate
Total		70.0	1.02	5.25			Core recovery - 91.9%
110.0	120.0	10.0	11.65	14.78			
120.0	130.0	10.0	1.52	5.52			
130.0	140.0	10.0	6.40	6.98			
140.0	150.0	10.0	6.39	15.27			Manganiferous
150.0	160.0	10.0	7.08	13.64			
160.0	170.0	10.0	5.67	9.74			purple
170.0	180.0	10.0	5.12	8.36			
180.0	190.0	10.0	5.95	9.26			and
190.0	200.0	10.0	1.92	6.33			
200.0	210.0	10.0	8.48	13.97			red slate
210.0	220.0	10.0	4.28	8.04			
220.0	230.0	10.0	2.16	5.85			
230.0	240.0	10.0	8.88	14.29			
240.0	243.7	3.7	2.56	6.09			Top of manganiferous banded hematite @ 243.7 ft.
Total		133.7	5.71	10.04			Core recovery - 99.6%
243.7	250.0	6.3	13.04	16.24			Manganiferous
250.0	260.0	10.0	10.04	25.09			
260.0	270.0	10.0	9.44	15.10			banded
270.0	280.0	10.0	12.20	21.27			
280.0	290.0	10.0	8.00	18.84			hematite
290.0	300.0	10.0	14.80	16.56			
Total		56.3	11.14	19.02			Core recovery - 98.2%
300.0	304.0	4.0	7.60	24.36			Bottom of manganiferous banded hematite @ 304.5 ft.
304.0	308.3	4.3	5.51	8.85			Manganiferous interbedded hematitic and green slate - Fault @ 308.3 ft.
Total		8.3	6.52	16.32			Core recovery - 96.4%
308.3	309.2	0.9	0.64	1.61			Gray-
309.2	320.0	10.8	.60	4.50			green
320.0	330.0	10.0	.79	3.86			slate
Total		21.7	0.69	4.09			Core recovery - 97.7%
330.0	352.0						Gray-green slate - Fault @ 340.0 ft.
Total Core Sampled		290.0					Core recovery - 97.2%