TABLE 5 - Analyses of diamond drill cores

Diamond Drill Holes 38 (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)
280.0	290.0	10.0	8.76	25.30			Manganiferous
290.0	300.0	10.0	6.80	26.52			banded
300.0	310.0	10.0	10.56	22.48			hematite
310.0	312.2	2.2	9.36	25.22			Bottom of maganiferous banded hematite @ 312.2 ft.
Total		32.2	8.75	24.48			Core recovery - 100.0%
312.2	320.0	7.8	2.60	18.11			Manganiferous
320.0	330.0	10.0	5.00	22.96			interbedded
330.0	340.0	10.0	3.04	15.68			hematitic and
340.0	344.2	4.2	4.48	27.97			green slate
Total		32.0	3.71	20.16			Core recovery - 98.8%
344.2	350.0	5.8	1.24	4.36			Top of green slate @ 344.5 ft.
350.0	360.0	10.0	.64	2.75			Green
360.0	370.0	10.0	.56	3.56			
370.0	380.0	10.0	.60	3.54			slate
Total		35.8	0.70	3.46			Core recovery - 96.9%
Total Core Sampled		250.0					Core recovery - 98.2%

Diamond Drill Hole 39

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	6.9						Overburden
6.9	1560.0						Gray-green slate - Bottom of gray-green slate @ 1559'
1560.0	1570.0	10.0	0.80	5.05			
1570.0	1580.0	10.0	3.12	7.19			
1580.0	1590.0	10.0	2.56	7.59			Manganiferous
1590.0	1600.0	10.0	.72	4.33			
1600.0	1610.0	10.0	7.36	11.67			purple and
1610.0	1620.0	10.0	1.04	5.72			
1620.0	1630.0	10.0	3.12	6.70			red slate
Total		70.0	21.67	6.89			Core recovery - 95.6%
1630.0	1640.0	10.0	11.64	23.27	6.12	13.06	
1640.0	1650.0	10.0	8.28	10.20	6.51	9.61	Manganiferous
1650.0	1660.0	10.0	5.80	16.74			
1660.0	1670.0	10.0	12.28	19.87	7.72	19.83	purple
1670.0	1680.0	10.0	7.80	20.03			
1680.0	1690.0	10.0	3.16	6.97			and
1690.0	1700.0	10.0	9.16	10.14			
1700.0	1710.0	10.0	3.24	6.97			red slate
1710.0	1720.0	10.0	4.60	10.62			
1720.0	1728.0	8.0	10.32	19.38			
1728.0	1731.0	3.0	.76	3.81			Top of manganiferous banded hematite @ 1731 ft.
Total		101.0			6.20	12.93	Core recovery - 76.1%
1731.0	1739.5	8.5	12.28	29.28			
1739.5	1743.0	3.5	19.44	26.19			Manganiferous
1743.0	1746.0	3.0	9.24	20.92			banded
1746.0	1748.0	2.0	13.68	30.82			hematite

TABLE 5 - Analyses of diamond drill cores

Diamond Drill Hole 39 (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)
1748.0	1750.0	2.0	7.68	34.39			
1750.0	1752.0	2.0	9.88	8.43			
1752.0	1755.0	3.0	11.28	31.47			
Total		24.0	12.35	26.88			Core recovery - 99.2%
Total Core Sampled		195.0					Core recovery - 85.9%

Diamond Drill Hole 40

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	10.0						Overburden
10.0	70.0						Gray-green slate
70.0	80.0	10.0	0.56	2.11			Gray-green slate
80.0	91.3	11.3	.60	4.54			Bottom of gray-green slate @ 91.3 ft.
Total		21.3	0.58	3.40			Core recovery - 97.2%
91.3	100.0	8.7	2.56	5.98			Manganiferous purple
100.0	110.0	10.0	4.63	7.61			and red slate
Total		18.7	3.67	6.85			Core recovery - 99.5%
110.0	120.0	10.0	8.87	12.96			Manganiferous
120.0	130.0	10.0	10.56	11.66			purple and
130.0	140.0	10.0	8.75	13.12			red slate
140.0	144.5	4.5	6.91	9.23			Top of manganiferous banded hematite @ 144.5 ft.
Total		34.5	9.07	12.14			Core recovery - 95.1%
144.5	150.0	5.5	12.48	19.93			Manganiferous
150.0	160.0	10.0	11.80	26.08			
160.0	170.0	10.0	9.51	22.43			banded
170.0	180.0	10.0	12.80	23.65			
180.0	190.0	10.0	10.00	26.63			hematite
190.0	200.0	10.0	9.48	29.73			Bottom of manganiferous banded hematite @ 200.0 ft.
Total		55.5	10.89	25.13			Core recovery - 94.6%
200.0	210.0	10.0	3.52	19.03			Manganiferous interbedded Hematitic & green slate
210.0	220.0	10.0	5.80	19.36			
220.0	223.0	3.0	5.04	20.09			Top of green slate @ 223.0 ft.
Total		23.0	4.71	19.31			Core recovery - 100.0%
223.0	230.0	7.0	1.00	6.64			Green
230.0	237.0	7.0	.84	4.05			slate
Total		14.0	0.92	5.35			Core recovery - 100.0%
Total Core Sampled		167.0					Core recovery - 96.8%