TABLE 5 - Analyses of diamond drill cores

Diamond Drill Hole 34

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	5.0						Overburden
5.0	170.0						Gray-green slate
170.0	180.0	10.0	0.44	5.00			
180.0	187.4	7.4	.72	5.00			Gray-green slate
Total		17.4	0.56	5.00			Core recovery - 100.0%
187.4	200.0	12.6	6.76	11.06			Bottom of gray-green slate @ 187.4 ft.
200.0	210.0	10.0	9.76	10.82			Manganiferous
210.0	220.0	10.0	6.04	12.11			
220.0	235.3	15.3	4.96	11.79			purple and
235.3	240.0	4.7	2.32	6.78			
240.0	250.0	10.0	5.80	9.37			red slate
250.0	260.0	10.0	6.00	9.53			
260.0	267.4	7.4	3.24	9.77			
267.4	270.0	2.6	6.72	16.31			(Rocks become magnetic below 250 ft.)
270.0	280.0	10.0	6.08	12.76			
280.0	290.0	10.0	5.96	11.30			Between 235.4 ft. through 267.4 ft. a
290.0	300.0	10.0	7.00	10.34			zone of undifferentiated green and
300.0	309.1	9.1	6.24	10.17			hematitic slate
Total		121.7	6.05	10.85			Core recovery - 97.7%
309.1	320.0	10.9	0.80	5.49			
320.0	330.0	10.0	.52	5.58			Gray-green slate
330.0	340.0	10.0	.56	5.42			
340.0	350.0	10.0	.44	5.09			
350.0	360.0	10.0	.52	4.77			
360.0	362.6	2.6	.80	5.34			
Total		53.5	0.59	5.28			Core recovery - 97.2%
362.6	370.0	7.4	7.96	11.16			Manganiferous purple and
370.0	375.7	5.7	6.84	14.55			red slate (?)
Total		13.1	7.47	12.64			Core recovery - 100.0%
375.7	380.0	4.3	0.76	4.85			Fault @ 375.7 ft.
380.0	390.0	10.0	.44	5.17			
390.0	400.0	10.0	.44	4.20			
400.0	410.0	10.0	.84	5.16			Green slate
410.0	420.0	10.0	.48	4.93			
420.0	430.0	10.0	.32	4.85			
430.0	440.0	10.0	.36	5.58			
440.0	450.0	10.0	.48	5.17			
450.0	460.0	10.0	1.04	6.47			
460.0	466.0	6.0	.88	5.01			
Total		90.3	0.58	5.16			Core recovery - 97.5%
466.0	470.0	4.0	7.40	11.88			Manganiferous hematitic slate
470.0	474.0	4.0	9.84	17.38			and green slate
474.0	480.0	6.0	7.16	13.90			Recrystallization to magnetite-
480.0	488.6	8.6	2.92	9.86			chlorite rock from 488.6'-513.6'
488.6	500.0	11.4	5.04	19.04			This sequence is believed to be a lens
500.0	510.0	10.0	6.40	14.88			within the green slate
510.0	513.6	3.6	8.40	16.25			
Total		47.6	6.07	14.99			Core recovery - 100.0%
513.6	520.0	6.4	3.56	8.65			

TABLE 5 - Analyses of diamond drill cores

Diamond Drill Hole 34 (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)
520.0	533.0	13.0	1.24	5.90			Green slate
Total		19.4	2.01	6.81			Core recovery - 100.0%
Total Core Sampled		363.0					Core recovery - 98.2%

Diamond Drill Hole 35

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	20.0						Overburden
20.0	300.0						Gray-green slate
300.0	310.0	10.0	0.34	5.13			
310.0	320.0	10.0	.50	5.21			
320.0	323.3	3.3	.54	5.05			Bottom of gray-green slate @ 323.2 ft.
323.3	330.0	6.7	1.30	4.88			
330.0	340.0	10.0	1.81	6.19	2.16	6.90	Manganiferous interbedded
340.0	350.0	10.0	1.01	3.91	4.98	12.31	purple and red slate
350.0	355.0	5.0	.54	5.05			Top of manganiferous banded hematite @ 355.0 ft.
Total		55.0			1.69	6.73	Core recovery - 71.6%
355.0	360.0	5.0	11.89	14.81			Manganiferous
360.0	370.0	10.0	10.16	9.12	9.50	12.65	banded
370.0	380.0	10.0	9.79	25.91	10.25	22.48	hematite
Total		25.0			10.28	17.01	Core recovery - 80.8%
380.0	390.0	10.0	7.22	16.76			Manganiferous banded hematite
390.0	400.0	10.0	8.99	13.19			
400.0	410.0	10.0	6.85	13.02			
Total		30.0	7.69	14.32			Core recovery - 91.7%
410.0	412.2	2.2	13.27	19.94			Manganiferous banded hematite
412.2	420.0	7.8	10.21	25.07			
420.0	422.8	2.8	15.16	31.09			Recrystallized magnetite-
422.8	430.0	7.2	11.52	29.14			chlorite rock @ 412.2'- 422.8', 455'-468'