TABLE 5 - Analyses of diamond drill cores

Diamond Drill Hole 47

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	40.0						Gray-green slate
40.0	50.0	10.0	2.60	4.82			
50.0	60.0	10.0	1.04	4.80			Gray-
60.0	70.0	10.0	.48	4.74			green
70.0	80.0	10.0	0.60	4.26			slate
80.0	84.0	4.0	1.60	4.34			Bottom of gray-green slate @ 84 ft.
Total		44.0	1.22	4.63			Core recovery - 77.0%
84.0	90.0	6.0	7.72	13.82			Recrystallized
90.0	100.0	10.0	4.48	8.03			Manganiferous
100.0	110.0	10.0	6.60	10.44			purple and red slate; abundant
110.0	120.0	10.0	4.96	12.53			magnetite
120.0	125.0	5.0	7.35	8.84			Lower contact of this
125.0	130.0	5.0	7.07	18.40			unit @ 125'
Total		46.0	6.06	11.50			Core recovery - 98.5%
130.0	140.0	10.0	12.00	22.42			Recrystallized
140.0	150.0	10.0	10.92	25.63			Manganiferous
150.0	160.0	10.0	4.28	14.30			banded hematite;
160.0	170.0	10.0	10.80	17.27			abundant magnetite
170.0	180.0	10.0	11.63	17.52			
180.0	191.5	11.5	10.68	17.22			Bottom of this unit @ 191.5'
Total		61.5	10.07	19.02			Core recovery - 99.3%
191.5	200.0	8.5	3.00	7.24			Recrystallized manganiferous
200.0	210.0	10.0	1.32	5.95			interbedded hematitic and green slate
210.0	220.0	10.0	3.08	10.14			
Total		28.5	2.44	7.80			Core recovery - 98.9%
220.0	230.0	10.0	0.60	4.83			
230.0	240.0	10.0	.56	5.15			
240.0	242.0	2.0	.64	5.16			Top of green slate @ 242'
242.0	250.0	8.0	.64	4.18			
250.0	260.0	10.0	.65	4.26			Green
260.0	270.0	10.0	.57	4.34			
270.0	275.0	5.0	.64	5.17			slate
275.0	280.0	5.0	.76	4.58			
280.0	290.0	10.0	.56	4.02			
290.0	300.0	10.0	.88	4.58			
Total		80.0	0.65	4.55			Core recovery - 97.4%
300.0	498.0						Green slate
Total Core Sampled		260.0					Core recovery - 94.8%