TABLE 5 - Analyses of diamond drill cores

Diamond Drill Hole 8 (cont'd.)

| Footage From- | 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) |
|---|---|---|---|---|---|---|---|
| 212.7 | 217.7 | 5.0 | 2.43 | 12.40 | | | |
| 217.7 | 223.0 | 5.3 | 4.55 | 12.08 | | | |
| 223.0 | 228.0 | 5.0 | 11.23 | 22.88 | | | |
| 228.0 | 233.0 | 5.0 | 7.11 | 16.40 | | | |
| 233.0 | 239.3 | 6.3 | 5.67 | 17.60 | | | |
| 239.3 | 245.7 | 6.4 | 12.00 | 19.52 | | | |
| 245.7 | 253.3 | 7.6 | 10.08 | 25.04 | 9.75 | 24.72 | |
| 253.3 | 257.6 | 4.3 | 7.95 | 26.88 | | | |
| 257.6 | 263.1 | 5.5 | 7.40 | 28.64 | | | Top of green slate @ 263.1 ft. |
| 263.1 | 269.6 | 6.5 | 10.71 | 13.43 | | | |
| Total | | 81.9 | | | 7.49 | 20.82 | Core recovery - 93.7% |
| 269.6 | 291.0 | | | | | | Green slate |
| Total Core Sampled | | 262.3 | | | | | Core recovery - 95.2% |

Diamond Drill Hole 9

| Footage From- | 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 | 7.5 | | | | | | Overburden |
| 7.5 | 10.0 | 2.5 | 0.80 | 4.96 | | | |
| 10.0 | 20.0 | 10.0 | 1.24 | 5.36 | | | Manganiferous |
| 20.0 | 30.0 | 10.0 | 2.43 | 8.64 | | | purple |
| 30.0 | 40.0 | 10.0 | .48 | 4.72 | | | and |
| 40.0 | 50.0 | 10.0 | .64 | 5.36 | | | red |
| 50.0 | 60.0 | 10.0 | .83 | 5.20 | | | slate |
| 60.0 | 70.0 | 10.0 | .92 | 6.72 | | | |
| 70.0 | 80.0 | 10.0 | 3.20 | 7.12 | | | |
| Total | | 72.5 | 1.37 | 6.12 | | | Core recovery - 97.7% |
| 80.0 | 90.0 | 10.0 | 8.51 | 10.72 | | | |
| 90.0 | 100.0 | 10.0 | 9.35 | 14.56 | | | Manganiferous |
| 100.0 | 108.0 | 8.0 | 6.80 | 8.80 | | | |
| 108.0 | 110.0 | 2.0 | 5.75 | 10.72 | | | purple |
| 110.0 | 114.2 | 4.2 | 15.16 | 14.64 | | | |
| 114.2 | 120.0 | 5.8 | 8.36 | 13.60 | | | and |
| 120.0 | 130.0 | 10.0 | 9.51 | 23.52 | | | |
| 130.0 | 140.0 | 10.0 | 9.72 | 19.04 | | | green |
| 140.0 | 145.2 | 5.2 | 2.80 | 11.04 | | | |
| 145.2 | 150.0 | 4.8 | 3.28 | 13.92 | | | slate |
| 150.0 | 160.0 | 10.0 | 9.43 | 13.12 | | | |
| 160.0 | 170.3 | 10.3 | 2.51 | 8.32 | | | Top of manganiferous banded hematite @ 170.3 ft. |
| Total | | 90.3 | 7.75 | 13.86 | | | Core recovery - 99.9% |
| 170.3 | 180.0 | 9.7 | 11.15 | 19.36 | | | Manganiferous |
| 180.0 | 190.0 | 10.0 | 12.56 | 30.24 | | | banded |
| 190.0 | 200.0 | 10.0 | 10.16 | 23.36 | | | hematite |
| 200.0 | 210.0 | 10.0 | 11.27 | 27.68 | | | |
| 210.0 | 217.0 | 7.0 | 12.47 | 20.00 | | | Bottom of manganiferous banded hematite @ 217 ft. |
| Total | | 46.7 | 11.46 | 24.42 | | | Core recovery - 99.6% |

TABLE 5 - Analyses of diamond drill cores

Diamond Drill Hole 9(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) |
|---|---|---|---|---|---|---|---|
| 217.0 | 220.0 | 3.0 | 7.28 | 21.92 | | | Manganiferous interbedded hematitic and green slate |
| 220.0 | 230.0 | 10.0 | 5.56 | 17.60 | | | |
| 230.0 | 240.0 | 10.0 | 7.67 | 8.96 | | | |
| 240.0 | 245.0 | 5.0 | 10.48 | 22.08 | | | |
| Total | | 28.0 | 7.38 | 15.78 | | | Core recovery - 99.6% |
| 245.0 | 250.0 | 5.0 | 1.51 | 6.16 | | | Top of green slate @ 245.0 ft. |
| 250.0 | 260.0 | 10.0 | .72 | 5.44 | | | Green slate |
| 260.0 | 269.0 | 9.0 | .92 | 5.60 | | | |
| Total | | 24.0 | 0.96 | 5.65 | | | Core recovery - 96.7% |
| Total Core Sampled | | 261.5 | | | | | Core recovery - 98.9% |

Diamond Drill Hole 10

| 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 | 3.0 | | | | | | Overburden |
| 3.0 | 10.0 | 7.0 | 4.20 | 30.61 | | | Manganiferous interbedded hematitic and green slate from 3' - 56.8' |
| 10.0 | 20.0 | 10.0 | 4.31 | 18.28 | | | |
| 20.0 | 30.0 | 10.0 | 4.60 | 23.12 | | | |
| 30.0 | 40.0 | 10.0 | 5.40 | 26.98 | | | Manganiferous purple and red slate from 56.8' - 63' |
| 40.0 | 50.0 | 10.0 | 8.39 | 19.33 | | | |
| 50.0 | 60.0 | 10.0 | 12.51 | 17.24 | | | |
| 60.0 | 63.0 | 3.0 | 10.56 | 14.82 | | | Manganiferous interbedded hematitic and green slate from 63' - 89.7' |
| 63.0 | 70.0 | 7.0 | 5.87 | 22.07 | 8.16 | 19.89 | |
| 70.0 | 80.0 | 10.0 | 4.12 | 10.71 | | | |
| 80.0 | 89.7 | 9.7 | 8.75 | 20.46 | | | Fault contacts @ 56.8', 63', 89.7' |
| Total | | 86.7 | | | 6.88 | 20.22 | Core recovery - 96.3% |
| 89.7 | 100.0 | 10.3 | 10.40 | 26.98 | | | Manganiferous |
| 100.0 | 110.0 | 10.0 | 11.28 | 24.00 | | | |
| 110.0 | 120.0 | 10.0 | 8.27 | 23.52 | | | banded |
| 120.0 | 130.0 | 10.0 | 9.12 | 25.61 | | | |
| 130.0 | 140.0 | 10.0 | 13.03 | 19.65 | | | hematite |
| 140.0 | 150.0 | 10.0 | 13.75 | 21.43 | | | |
| Total | | 60.3 | 10.98 | 23.55 | | | Core recovery - 99.8% |
| 150.0 | 160.0 | 10.0 | 7.68 | 31.82 | | | Bottom of manganiferous banded hematite @ 174.9' |
| 160.0 | 170.0 | 10.0 | 1.43 | 26.90 | | | |
| 170.0 | 174.9 | 4.9 | 17.35 | 15.30 | | | Manganiferous interbedded hematitic and green slate |
| 174.9 | 180.0 | 5.1 | 7.28 | 23.04 | | | |
| 180.0 | 190.0 | 10.0 | 4.19 | 13.37 | | | |
| 190.0 | 200.0 | 10.0 | 10.20 | 17.56 | | | |
| 200.0 | 210.0 | 10.0 | 7.40 | 17.96 | | | |
| 210.0 | 217.9 | 7.9 | 8.96 | 19.98 | | | |
| Total | | 67.9 | 7.39 | 21.01 | | | Core recovery - 100.0% |
| 217.9 | 220.0 | 2.1 | 0.72 | 5.48 | | | Top of green slate @ 217.9' |
| 220.0 | 230.0 | 10.0 | .64 | 5.96 | | | Green slate |
| 230.0 | 233.0 | 3.0 | 1.20 | 6.93 | | | |
| Total | | 15.1 | 0.76 | 6.09 | | | Core recovery - 100.0% |
| Total Core Sampled | | 230.0 | | | | | Core recovery - 98.6% |