

COMPANY: Golden Triangle
 PROJECT: Main Creek Magnesite
 HOLE NUMBER: MC 35

| | |
|-------------|----------------|
| Commenced: | 19 March 1998 |
| Completed: | 01 April 1998 |
| Logged By: | L A Newnham |
| Drilled By: | Dia. Drill Tas |

| Purpose of Hole |
|--|
| To test the northern extension of the Bowry Creek deposit. |

| Comments on Completion |
|--|
| a 16 m.(ETT 13 m) wide zone intersected in the middle of a broader lower grade zone of dolomitic and talcose magnesite; the high grade unit is correlated with the broader high grade unit to the south in MC 32, suggesting both a facies thinning to the north and an increase in alteration of the magnesite sequence to the north in the Bowry Creek area; |

Collar Details

| Grid | Northing | Easting | Elevation | Dip | Bearing |
|------|-----------|---------|-----------|-----|---------|
| AMG | 5,398,003 | 347,402 | 244 | -50 | 235 |

| Length (m) |
|------------|
| 324.8 |

| Hole Size | |
|-----------|------|
| To (m) | Size |
| 46.6 | HW |
| 122.4 | HG |
| 324.8 | NG |

| Significant Core Loss Zones | | |
|-----------------------------|-------|-------|
| From | To | %Rec. |
| 46.6 | 57.8 | < 20% |
| 74.8 | 108.8 | < 20% |

| Hole Condition on Completion |
|---|
| all steel removed from hole; PVC collar pipe placed; |

Summary of Results:

| Depth | | Recovery | Description | Assays | | | | |
|-------|-------|----------|--|--------|-------|------|------------------|--------------------------------|
| From | To | % | | Length | MgO | CaO | SiO ₂ | Fe ₂ O ₃ |
| 201.8 | 217.8 | 100 | white magnesite with dolomitic component and late stage crystalline magnesite veining; | 16.0 | 42.89 | 2.64 | 0.29 | 3.54 |
| | | | | | | | | |
| | | | | | | | | |

DOWN HOLE SURVEY DATA

COMPANY: Golden Triangle
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| Depth (m) | Dip | Bearing (AMG) | Interval | | Length (D) | Vertical Distance | | Horizontal Distance | | Co-ordinates | | | |
|--------------|-----|------------------|----------|-------|---------------|-------------------|--------|---------------------|------------------|-----------------------------|----------------|-----------------------------|----------------|
| | | | From | To | | D.sin dip | R.L. | D. cos dip (HD) | Cumulative HD | N. distance HD. cos brg. | N. co-ordinate | E. distance HD. sin brg. | E. co-ordinate |
| COLLAR | -50 | 235 | | | | | 244.00 | | 0.00 | | 5,398,003.0 | | 347,402.0 |
| 0 | -50 | 235 | 0 | 66 | 66 | 50.56 | 193.44 | 42.42 | 42.42 | -24.33 | 5,397,978.7 | -34.75 | 347,367.2 |
| 132 | -51 | 236 | 66 | 157.5 | 91.5 | 71.11 | 122.33 | 57.58 | 100.01 | -32.20 | 5,397,946.5 | -47.74 | 347,319.5 |
| 183 | -50 | 237 | 157.5 | 208.5 | 51 | 39.07 | 83.26 | 32.78 | 132.79 | -17.85 | 5,397,928.6 | -27.49 | 347,292.0 |
| 234 | -48 | 238 | 208.5 | 258 | 49.5 | 36.79 | 46.48 | 33.12 | 165.91 | -17.55 | 5,397,911.1 | -28.09 | 347,263.9 |
| 282 | -47 | 238 | 258 | 303.5 | 45.5 | 33.28 | 13.20 | 31.03 | 196.94 | -16.44 | 5,397,894.6 | -26.32 | 347,237.6 |
| 325 | -46 | 238 | 303.5 | 325 | 21.5 | 15.47 | -2.26 | 14.94 | 211.88 | -7.91 | 5,397,886.7 | -12.67 | 347,224.9 |
| 325 | | | | | | | | | | | | | |

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MC35



282m.
-47
238 AMG.



234m.
-48
238 AMG.



132m.
-51 dip
236 ~~AMG.~~
AMG.



183m.
-50dp.
237 AMG

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| Description | | Core Recovery | | | RQD | | | Assays | | | | | | | | | | |
|-------------|-------|---|-----------------------|-------|-----|-------|-------|--------|------|----|-----|-----|------------------|--------------------------------|--|--|--|--|
| From | To | | From | To | % | From | To | % | From | To | MgO | CaO | SiO ₂ | Fe ₂ O ₃ | | | | |
| 0.0 | 46.6 | TRICONE: no core; run with HW casing advancer; | 0.0 | 46.6 | 0 | | | | | | | | | | | | | |
| 46.6 | 69.0 | WEATHERED SCHIST: light gray and orange severely weathered and degraded schist, present in some intervals as only mud and sand; | 46.6 | 48.8 | 40 | 46.6 | 69.0 | 0 | | | | | | | | | | |
| | | | 48.8 | 51.8 | 5 | | | | | | | | | | | | | |
| | | | 51.8 | 54.8 | 10 | | | | | | | | | | | | | |
| | | | 54.8 | 57.8 | 25 | | | | | | | | | | | | | |
| 69.0 | 76.5 | WEATHERED IRON RICH SCHISTS: severely weathered purple, orange, brown schist and mud; | 57.8 | 59.8 | 60 | | | | | | | | | | | | | |
| | | | 59.8 | 61.9 | 80 | 69.0 | 76.5 | 0 | | | | | | | | | | |
| | | | 61.9 | 64.0 | 95 | | | | | | | | | | | | | |
| | | | 64.0 | 66.8 | 30 | | | | | | | | | | | | | |
| 76.5 | 84.0 | CAVITY: | 66.8 | 69.0 | 90 | | | | | | | | | | | | | |
| | | | 69.0 | 73.4 | 40 | | | | | | | | | | | | | |
| 84.0 | 104.5 | SAND, MUD, SCHIST RUBBLE: light brown and orange sands with white quartz grit; quartz rubble, light green schist rubble; the cavity and rubble zone from 76.5-104.5 m. is interpreted as the top of the carbonate sequence rather than a fault zone largely because of the presence of cavities, which are not suggestive of a fault in the Arthur Metamorphic Zone; | 73.4 | 74.8 | 90 | | | | | | | | | | | | | |
| | | | 74.8 | 84.4 | 22 | 76.5 | 84.0 | 0 | | | | | | | | | | |
| | | | (incl. 7.5 m. cavity) | | | | | | | | | | | | | | | |
| | | | 84.4 | 86.2 | 0 | | | | | | | | | | | | | |
| | | | 86.2 | 87.8 | 15 | | | | | | | | | | | | | |
| | | | 87.8 | 90.8 | 20 | | | | | | | | | | | | | |
| | | | 90.8 | 93.8 | 0 | | | | | | | | | | | | | |
| | | | 93.8 | 96.8 | 10 | | | | | | | | | | | | | |
| | | | 96.8 | 102.8 | 2 | | | | | | | | | | | | | |
| | | | 102.8 | 105.5 | 25 | | | | | | | | | | | | | |
| 104.5 | 147.0 | CALCAREOUS SCHIST or SCHISTOSE DOLOMITES: base of weathering 104.5 m; reduced to NQ at 122.4 m; dark gray-green schists with white flecky appearance; reactive to acid when ground and probably represents a sheared dolomite; occasional darker fine grained shaley bands; SCA 60-70; pervasive disseminated 2-3% coarse euhedral pyrite; ground conditions moderately good with most fractures along talcose, pyritic schistosity planes; some low angled 10-20 CA jointing, usually infilled with carbonate; | 105.5 | 107.1 | 20 | | | | | | | | | | | | | |
| | | | 107.1 | 108.8 | 30 | 84.0 | 102.8 | 0 | | | | | | | | | | |
| | | | 108.8 | 147.0 | 100 | 102.8 | 108.6 | 10 | | | | | | | | | | |
| | | | | | | 108.6 | 111.5 | 60 | | | | | | | | | | |
| | | | | | | 111.5 | 113.5 | 80 | | | | | | | | | | |
| | | | | | | 113.5 | 116.2 | 95 | | | | | | | | | | |
| | | | | | | 116.2 | 119.0 | 95 | | | | | | | | | | |
| | | | | | | 119.0 | 121.7 | 90 | | | | | | | | | | |
| | | | | | | 121.7 | 124.6 | 85 | | | | | | | | | | |
| | | | | | | 124.6 | 129.3 | 75 | | | | | | | | | | |
| | | | | | | 129.3 | 133.8 | 80 | | | | | | | | | | |
| | | | | | | 133.8 | 138.2 | 50 | | | | | | | | | | |
| | | | | | | 138.2 | 142.8 | 65 | | | | | | | | | | |
| | | | | | | 142.8 | 147.3 | 70 | | | | | | | | | | |
| 147.0 | 153.6 | SCHIST, pyritic and calcareous: gradational with unit above but overall | 147.0 | 153.6 | 100 | 147.3 | 151.7 | 75 | | | | | | | | | | |
| | | | | | | 151.7 | 156.3 | 85 | | | | | | | | | | |

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| Description | | Core Recovery | | | RQD | | | Assays | | | | | | | | |
|-------------|-------|--|-------|-------|-----|-------|-------|--------|-------|-------|-------|-------|------------------|--------------------------------|------|--|
| From | To | | From | To | % | From | To | % | From | To | MgO | CaO | SiO ₂ | Fe ₂ O ₃ | | |
| 175.4 | 188.6 | MAGNESITE with minor SCHIST BEDS: darker gray dolomitic? magnesite to 179 m., cut quartz-crystalline magnesite and crystalline magnesite veins producing brecciated texture in places; below 179 m. , becomes somewhat whiter but still dolomitic; large partially replaced lumps magnesite set in light gray silicified groundmass; 1-10 mm. randomly orientated clear crystalline magnesite veining pervasive and common in places; magnesite ground conditions excellent; minor broken talcose schist bands at: 178.6 m.- 150 mm; 179.2 m.- 50 mm; 181.7 m.- 400 mm; 181.9 m.- 200 mm; | 175.4 | 188.6 | 100 | 178.6 | 183.2 | 70 | 182.5 | 183.5 | 35.66 | 7.70 | 7.83 | 2.72 | | |
| | | | | | | 183.2 | 187.9 | 100 | 183.5 | 184.5 | 38.75 | 4.23 | 6.46 | 3.33 | | |
| | | | | | | | | | | 184.5 | 185.5 | 30.77 | 5.39 | 21.48 | 3.01 | |
| | | | | | | | | | | 185.6 | 186.5 | 26.99 | 4.41 | 30.94 | 2.99 | |
| | | | | | | | | | | 186.5 | 187.5 | 35.62 | 3.46 | 13.94 | 3.01 | |
| | | | | | | | | | | 187.5 | 188.7 | 33.66 | 2.25 | 20.49 | 3.36 | |
| 188.6 | 190.7 | PYRITIC SCHIST: dark gray schist with 5-7% pyrite as coarse euhedral grains concentrated in bands parallel to schistosity; SCA 60-70: sharp contacts with magnesite units above and below; | 188.6 | 190.7 | 100 | 187.9 | 192.5 | 85 | | | | | | | | |
| 190.7 | 244.0 | MAGNESITE: large blocks white crystalline magnesite set in groundmass of light gray dolomitic magnesite giving mottled appearance; numerous 1-5 mm. randomly orientated clear crystalline magnesite; <1% fine grained pyrite disseminated in light gray dolomitic? groundmass; ground conditions excellent, with most breaks being driller breaks; dominant joint set 40 CA with wider spaced set at 30 CA; some sections strongly dolomitic and stylolitic minor schist bands as follows: 220 m: 300 mm. broken talcose schist 228.4-229.6 m: pyritic schist, SCA 50-60; 231.2 m: 200 mm. talcose schist; | 190.7 | 244.0 | 100 | 192.5 | 197.0 | 100 | 190.8 | 191.8 | 40.49 | 4.30 | 1.58 | 3.89 | | |
| | | | | | | 197.0 | 201.6 | 90 | 191.8 | 192.8 | 41.42 | 3.57 | 0.80 | 3.78 | | |
| | | | | | | 201.6 | 206.5 | 100 | 192.8 | 193.8 | 42.11 | 3.59 | 0.57 | 3.80 | | |
| | | | | | | 206.5 | 210.9 | 75 | 193.8 | 194.8 | 41.40 | 3.66 | 0.22 | 4.13 | | |
| | | | | | | 210.9 | 215.3 | 80 | 194.8 | 195.8 | 41.62 | 2.95 | 2.49 | 3.65 | | |
| | | | | | | 215.3 | 219.9 | 100 | 195.8 | 196.8 | 41.64 | 3.46 | 1.12 | 3.81 | | |
| | | | | | | 219.9 | 224.4 | 95 | 196.8 | 197.8 | 42.11 | 3.19 | 1.12 | 3.34 | | |
| | | | | | | 224.4 | 228.8 | 90 | 197.8 | 198.8 | 41.07 | 4.43 | 0.84 | 3.86 | | |
| | | | | | | 228.8 | 233.3 | 95 | 198.8 | 199.8 | 43.01 | 2.28 | 0.33 | 3.76 | | |
| | | | | | | 233.3 | 238.0 | 90 | 199.8 | 200.8 | 41.38 | 4.16 | 1.19 | 3.39 | | |
| | | | | | | 238.0 | 242.5 | 100 | 200.8 | 201.8 | 42.08 | 4.01 | <0.05 | 3.34 | | |
| | | | | | | 242.5 | 247.1 | 85 | 201.8 | 202.8 | 42.57 | 2.84 | <0.05 | 3.91 | | |
| | | | | | | | | | 202.8 | 203.8 | 43.25 | 2.73 | <0.05 | 3.34 | | |
| | | | | | | 203.8 | 204.8 | 42.66 | 3.50 | <0.05 | 3.16 | | | | | |

| Description | | Core Recovery | | | RQD | | | Assays | | | | | | | | |
|-------------|-------|---|-------|-------|-----|-------|-------|--------|-------|-------|-------|-------|------------------|--------------------------------|--|--|
| From | To | | From | To | % | From | To | % | From | To | MgO | CaO | SiO ₂ | Fe ₂ O ₃ | | |
| 190.7 | 244.0 | cont..... 235.2 m: 200 mm. pyritic schist; below 230 m. magnesite becomes more massive but with grayish color due to silicification /dolomitisation; sharp contact with schists below; | | | | | | | 204.8 | 205.8 | 41.79 | 3.78 | 0.67 | 3.50 | | |
| | | | | | | | | | 205.8 | 206.8 | 42.70 | 2.55 | 0.50 | 3.38 | | |
| | | | | | | | | | 206.8 | 207.8 | 42.34 | 3.62 | <0.05 | 3.41 | | |
| | | | | | | | | | 207.8 | 208.8 | 42.93 | 3.01 | <0.05 | 3.17 | | |
| | | | | | | | | | 208.8 | 209.8 | 43.10 | 2.43 | <0.05 | 3.65 | | |
| | | | | | | | | | 209.8 | 210.8 | 43.52 | 2.10 | <0.05 | 3.58 | | |
| | | | | | | | | | 210.8 | 211.8 | 43.19 | 2.31 | <0.05 | 3.67 | | |
| 244.0 | 254.6 | DOLOMITIC SCHIST: dark gray calcareous schist flecked with white carbonate; SCA 60-70; 1-2% fine disseminated euhedral striated pyrite; ground conditions generally good but some talc coated fractures parallel to schistosity; | 244.0 | 254.6 | 100 | 247.1 | 251.6 | 85 | 211.8 | 212.8 | 44.18 | 1.02 | 0.59 | 3.58 | | |
| | | | | | | 251.6 | 256.2 | 90 | 212.8 | 213.8 | 42.67 | 2.36 | 0.55 | 3.84 | | |
| | | | | | | | | | 213.8 | 214.8 | 42.85 | 2.65 | 0.53 | 3.60 | | |
| | | | | | | | | | 214.8 | 215.8 | 42.69 | 2.71 | 0.80 | 3.41 | | |
| | | | | | | | | | 215.8 | 216.8 | 43.36 | 2.14 | 0.43 | 3.55 | | |
| | | | | | | | | | 216.8 | 217.8 | 42.51 | 2.55 | 0.30 | 3.96 | | |
| | | | | | | | | | 217.8 | 218.8 | 40.65 | 5.41 | 0.10 | 3.84 | | |
| | | | | | | | | | 218.8 | 219.8 | 38.71 | 7.65 | 0.27 | 3.70 | | |
| 254.6 | 263.7 | INTERBEDDED DOLOMITIC SCHIST and MAGNESITE: dolomitic/ calcareous schist as above, interbedded with narrow magnesite units; 254.6-256.4 m: dolomitic magnesite, silicified in part; 257.5-258.3 m: light gray dolomitic magnesite; | 254.6 | 263.7 | 100 | 256.2 | 260.8 | 90 | 219.8 | 220.8 | 39.49 | 4.29 | 3.88 | 3.87 | | |
| | | | | | | 260.8 | 265.3 | 95 | 220.8 | 221.8 | 37.35 | 8.37 | 2.82 | 3.12 | | |
| | | | | | | | | | 221.8 | 222.8 | 40.40 | 6.36 | 0.41 | 2.71 | | |
| | | | | | | | | | 222.8 | 223.8 | 40.91 | 6.14 | 0.17 | 2.06 | | |
| | | | | | | | | | 223.8 | 224.8 | 41.26 | 5.55 | 0.22 | 2.29 | | |
| | | | | | | | | | 224.8 | 225.8 | 41.59 | 5.26 | 0.19 | 2.45 | | |
| | | | | | | | | | 225.8 | 226.8 | 41.64 | 4.96 | <0.05 | 2.81 | | |
| | | | | | | | | | 226.8 | 228.4 | 41.15 | 4.51 | <0.05 | 3.84 | | |
| 263.7 | 289.6 | MAGNESITE, dolomitic and talcose: massive magnesite with sharp FW and HW contacts; 263.7-267.6 m: white crystalline lumps magnesite in smoky gray groundmass; excellent ground conditions; 267.6-283.2 m: off white magnesite, mottled texture; cut by numerous 1-5 mm clear crystalline magnesite veins; large patches silicification throughout; excellent ground conditions; 283.2-289.6 m: talcose magnesite; gradual increase in talc below 283.2 m; talc in large white patches in upper section of unit but becoming more abundant and pale green in color lower down; core soft and broken along greasy talcose fracture surfaces, varying from 60 CA to sub- parallel CA; | 263.7 | 289.6 | 100 | 265.3 | 283.9 | 100 | 229.5 | 230.5 | 34.31 | 1.54 | 18.11 | 5.28 | | |
| | | | | | | 283.9 | 288.2 | 70 | 230.5 | 231.5 | 35.21 | 1.08 | 16.25 | 5.16 | | |
| | | | | | | 288.2 | 292.7 | 205 | 231.5 | 232.5 | 27.64 | 4.54 | 29.21 | 3.33 | | |
| | | | | | | | | | 232.5 | 233.5 | 25.66 | 11.17 | 22.84 | 2.50 | | |
| | | | | | | | | | 233.5 | 234.5 | 27.87 | 7.86 | 23.95 | 2.79 | | |
| | | | | | | | | | 234.5 | 235.5 | 31.59 | 1.97 | 24.74 | 3.71 | | |
| | | | | | | | | | 235.5 | 236.5 | 32.20 | 2.78 | 21.53 | 3.49 | | |
| | | | | | | | | | 236.5 | 237.5 | 27.54 | 11.53 | 19.37 | 2.14 | | |
| | | | | | | | | | 237.5 | 238.5 | 35.34 | 2.03 | 16.94 | 3.16 | | |
| | | | | | | | | | 238.5 | 239.5 | 38.61 | 3.43 | 8.23 | 3.19 | | |
| | | | | | | | | | 239.5 | 240.5 | 36.14 | 6.46 | 8.42 | 2.51 | | |
| | | | | | | | | | 240.5 | 241.5 | 34.82 | 10.39 | 5.20 | 2.14 | | |
| | | | | | | | | | 241.5 | 242.5 | 28.53 | 18.07 | 5.27 | 2.09 | | |
| | | | | | | | | | 242.5 | 244.0 | 30.76 | 8.84 | 16.63 | 2.59 | | |

