

COMPANY Allegiance Mining NL
 PROJECT Zeehan Joint Venture
 HOLE NUMBER A002

| from m | to m | DESCRIPTION | from m | to m | rec m | rec % | from m | to m | Ni % | S % |
|-----------|---------|---|-----------|---------|----------|----------|-----------|---------|---------|--------|
| 0.0 | 26.7 | no recovery - triconed | 0.0 | 26.7 | 0.0 | 0 | | | | |
| 26.7 | 33.2 | HORNFELS | 26.7 | 29.7 | 2.0 | 67 | 29.7 | 32.8 | 2.7 | 87 |
| | | Extremely broken, moderately weathered, grey hornfels with common limonite on joints and fractures, trace pyrite on joints, sparse quartz as veinlets and stringers; the interval is slightly vuggy due to the effects of weathering. | | | | | | | | |
| | | BCA is typically 50 degrees. | | | | | | | | |
| | | The contact with the next interval is sharp but irregular. | | | | | | | | |
| 33.2 | 58.4 | HORNFELS AND MINOR CHERT | 32.8 | 35.7 | 2.9 | 100 | 35.7 | 38.7 | 3.0 | 100 |
| | | Dark grey hornfels with minor brown cherty bands and occasional green chloritic? bands, with sparse chlorite as stringers and veinlets, trace to sparse pyrrhotite as disseminations, flecks and stringers, sparse limonite on joints, sparse quartz as veinlets and stringers. | 38.7 | 41.7 | 3.0 | 100 | 41.7 | 44.7 | 3.0 | 100 |
| | | Some bands appear to be tuffaceous, composed of fine rock fragments. | 44.7 | 47.7 | 3.0 | 100 | 47.7 | 49.2 | 1.5 | 100 |
| | | The interval is broken to extremely broken in part. | 49.2 | 50.7 | 1.5 | 100 | 50.7 | 52.2 | 1.5 | 100 |
| | | BCA ranges from 50 to 70 degrees. | 52.2 | 54.4 | 2.2 | 100 | 54.4 | 57.3 | 2.9 | 100 |
| | | The contact with the next interval is gradational. | 57.3 | 60.4 | 3.1 | 100 | | | | |
| 58.4 | 117.3 | ALTERED ROCK, HORNFELS AND CHERT | 60.4 | 63.5 | 2.9 | 94 | 63.5 | 66.3 | 2.3 | 82 |
| | | Green, fine grained altered rock (tuff?) with common, ruptured, white to green white | 66.3 | 69.3 | 3.0 | 100 | | | | |

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| | | and brown white cherty bands, and minor intermixed grey hornfels, with sparse quartz as stringers and veinlets, trace disseminated pyrrhotite, trace fine schorl crystals. | 69.3 | 72.4 | 3.1 | 100 | | | | |
| | | | 72.4 | 75.5 | 3.1 | 100 | | | | |
| | | | 75.5 | 78.3 | 2.8 | 100 | | | | |
| | | | 78.3 | 81.3 | 3.0 | 100 | | | | |
| | | Many cherty bands are ruptured and BCA is irregular, ranging from 30 to 70 degrees, and is typically 50 degrees. | 81.3 | 84.4 | 3.1 | 100 | | | | |
| | | | 84.4 | 87.5 | 3.1 | 100 | | | | |
| | | | 87.5 | 90.6 | 3.1 | 100 | | | | |
| | | The interval is broken. | 90.6 | 93.1 | 2.5 | 100 | | | | |
| | | | 93.1 | 94.0 | 0.9 | 100 | | | | |
| | | The interval has a brecciated texture in part, particularly where cherty. | 94.0 | 97.0 | 3.0 | 100 | | | | |
| | | | 97.0 | 100.0 | 3.0 | 100 | | | | |
| | | The contact with the next interval is sharp but broken. | 100.0 | 103.0 | 3.0 | 100 | | | | |
| | | | 103.0 | 106.0 | 3.0 | 100 | | | | |
| | | | 106.0 | 109.0 | 3.0 | 100 | | | | |
| | | | 109.0 | 112.0 | 3.0 | 100 | | | | |
| | | | 112.0 | 114.8 | 2.8 | 100 | | | | |
| | | | 114.8 | 117.9 | 3.1 | 100 | | | | |
| 117.3 | 158.8 | SERPENTINITE WITH MAGNETITE | 117.9 | 121.0 | 3.1 | 100 | 117.3 | 118.3 | 0.06 | 0.07 |
| | | | 121.0 | 123.9 | 2.9 | 100 | 118.3 | 119.3 | 0.14 | 0.08 |
| | | Black serpentinite with minor magnetite and trace to sparse pyrrhotite as disseminations and stringers. | 123.9 | 127.0 | 3.1 | 100 | 119.3 | 120.3 | 0.13 | 0.08 |
| | | | 127.0 | 130.0 | 3.0 | 100 | 120.3 | 121.3 | 0.11 | 0.14 |
| | | | 130.0 | 133.0 | 3.0 | 100 | 121.3 | 122.3 | 0.10 | 0.13 |
| | | CA is obscure. | 133.0 | 136.0 | 3.0 | 100 | 122.3 | 123.3 | 0.08 | 0.11 |
| | | | 136.0 | 139.0 | 3.0 | 100 | 123.3 | 124.3 | 0.07 | <0.05 |
| | | The interval is broken. | 139.0 | 142.0 | 3.0 | 100 | | | | |
| | | | 142.0 | 145.0 | 3.0 | 100 | 136.0 | 137.0 | 0.19 | 0.17 |
| | | The contact with the next interval is sharp but broken. | 145.0 | 148.0 | 3.0 | 100 | | | | |
| | | | 148.0 | 151.0 | 3.0 | 100 | 151.0 | 152.0 | 0.20 | 0.28 |
| | | | 151.0 | 154.0 | 3.0 | 100 | | | | |
| | | | 154.0 | 157.0 | 3.0 | 100 | 157.8 | 158.8 | 0.09 | <0.05 |

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|-----------|---------|---|-----------|---------|----------|----------|-----------|---------|---------|--------|
| 158.8 | 187.6 | CHERT AND CHERTY HORNFELS | 157.0 | 160.0 | 3.0 | 100 | 158.8 | 159.8 | 0.04 | <0.05 |
| | | | 160.0 | 163.0 | 3.0 | 100 | | | | |
| | | Green, brown and minor black chert and cherty hornfels, with sparse quartz and schorl as stringers and veinlets, sparse calcite as stringers, trace to sparse serpentine as stringers; the quartz veinlets are slightly vuggy. | 163.0 | 166.0 | 3.0 | 100 | 172.0 | 173.0 | 0.02 | <0.05 |
| | | | 166.0 | 169.0 | 3.0 | 100 | 173.0 | 174.0 | 0.02 | <0.05 |
| | | | 169.0 | 172.0 | 3.0 | 100 | | | | |
| | | | 172.0 | 175.0 | 3.0 | 100 | 186.6 | 187.6 | 0.16 | <0.05 |
| | | The hornfels appears sandy in part; parts of the interval have a mottled pebbly texture. | 175.0 | 178.0 | 3.0 | 100 | | | | |
| | | | 178.0 | 181.0 | 3.0 | 100 | | | | |
| | | Bedding in the more cherty parts is ruptured. BCA is irregular and is typically 40 degrees. | 181.0 | 184.0 | 3.0 | 100 | | | | |
| | | | 184.0 | 187.0 | 3.0 | 100 | | | | |
| | | The interval is broken. | | | | | | | | |
| | | The contact with the next interval is sharp but irregular. | | | | | | | | |
| 187.6 | 193.1 | SERPENTINITE WITH MAGNETITE | 187.0 | 190.0 | 3.0 | 100 | 187.6 | 188.0 | 0.90 | 0.72 |
| | | | 190.0 | 193.0 | 3.0 | 100 | 188.0 | 189.0 | 0.24 | 0.07 |
| | | Intermixed, mottled light green and dark green to black serpentinite, with minor magnetite as patches and blebs, sparse dark green serpentine as veinlets; the black serpentinite contains more magnetite than the light green. | | | | | 189.0 | 190.0 | 0.17 | <0.05 |
| | | The interval is broken to extremely broken. | | | | | | | | |
| | | The contact with the next interval is sharp but broken, and is marked by 5cm of puggy serpentinitic breccia: a faulted contact? | | | | | | | | |
| 193.1 | 201.0 | SERPENTINITE WITH MINOR CHRYSOTILE | 193.0 | 196.0 | 3.0 | 100 | | | | |
| | | | 196.0 | 198.1 | 2.1 | 100 | | | | |
| | | Black serpentinite with minor green serpentinite as spots up to 1cm across, with minor chrysotile as veinlets. | 198.1 | 201.2 | 3.1 | 100 | | | | |

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| | | The interval is very broken, especially near the chrysotile veinlets. | | | | | | | | |
| | | The contact with the next interval is gradational. | | | | | | | | |
| 201.0 | 226.0 | MOTTLED SERPENTINITE | 201.2 | 203.9 | 2.7 | 100 | | | | |
| | | | 203.9 | 207.0 | 3.1 | 100 | | | | |
| | | Mottled black and green serpentinite; green serpentinite occurring as spots and patches within black serpentinite, with sparse green serpentine on fractures, trace disseminated, fine grained pyrrhotite. | 207.0 | 208.0 | 1.0 | 100 | | | | |
| | | | 208.0 | 211.0 | 3.0 | 100 | | | | |
| | | | 211.0 | 214.0 | 3.0 | 100 | | | | |
| | | | 214.0 | 217.0 | 3.0 | 100 | | | | |
| | | The interval is generally not broken. | 217.0 | 220.0 | 3.0 | 100 | | | | |
| | | | 220.0 | 223.0 | 3.0 | 100 | | | | |
| | | The contact with the next interval is gradational. | 223.0 | 225.0 | 2.0 | 100 | | | | |
| 226.0 | 251.0 | SERPENTINITE WITH SPARSE CHRYSOTILE | 225.0 | 228.0 | 3.0 | 100 | | | | |
| | | | 228.0 | 231.2 | 3.2 | 100 | | | | |
| | | As between 193.1m and 201.0m with sparse chrysotile becoming more common towards end of the interval, with rare puggy zones up to 30cm long. | 231.2 | 234.3 | 3.1 | 100 | | | | |
| | | | 234.3 | 237.4 | 3.1 | 100 | | | | |
| | | | 237.4 | 240.2 | 2.8 | 100 | | | | |
| | | The interval is broken. | 240.2 | 243.3 | 3.1 | 100 | | | | |
| | | | 243.3 | 246.5 | 3.2 | 100 | | | | |
| | | The contact with the next interval is gradational. | 246.5 | 249.6 | 3.1 | 100 | | | | |
| 251.0 | 307.0 | SERPENTINITE WITH MINOR CHRYSOTILE | 249.6 | 252.7 | 3.1 | 100 | 301.0 | 302.0 | 0.19 | 0.06 |
| | | | 252.7 | 255.8 | 3.1 | 100 | 302.0 | 303.0 | 0.18 | <0.05 |
| | | As between 226.0m and 251.0m with minor chrysotile. | 255.8 | 258.9 | 3.1 | 100 | 303.0 | 304.0 | 0.19 | <0.05 |
| | | | 258.9 | 262.0 | 3.1 | 100 | | | | |
| | | The interval is broken to extremely broken. | 262.0 | 265.0 | 3.0 | 100 | | | | |
| | | | 265.0 | 268.0 | 3.0 | 100 | | | | |
| | | END OF HOLE AT 307.0m | 268.0 | 271.0 | 3.0 | 100 | | | | |

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| | | | 271.0 | 274.0 | 3.0 | 100 | | | | |
| | | | 274.0 | 277.0 | 3.0 | 100 | | | | |
| | | | 277.0 | 280.0 | 3.0 | 100 | | | | |
| | | | 280.0 | 283.0 | 3.0 | 100 | | | | |
| | | | 283.0 | 286.0 | 3.0 | 100 | | | | |
| | | | 286.0 | 289.0 | 3.0 | 100 | | | | |
| | | | 289.0 | 292.0 | 3.0 | 100 | | | | |
| | | | 292.0 | 295.0 | 3.0 | 100 | | | | |
| | | | 295.0 | 298.0 | 3.0 | 100 | | | | |
| | | | 298.0 | 301.0 | 3.0 | 100 | | | | |
| | | | 301.0 | 304.0 | 3.0 | 100 | | | | |
| | | | 304.0 | 307.0 | 3.0 | 100 | | | | |