

Appendix I

Samples Description with Indicated Anomalous Values

for

Au, Ag, As, Cu, Co

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

24,938^{2/14}

A96 - 1 Trench 82 - 1.5 m chip. Rock of andesitic composition strongly altered to K-feldspar? Chlorite, carbonate, sericite, trace pyrite.

A96 - 2 Trench 82 - 1.5 m chip. Same as above.

Au - 5 ppb Ag - < .2 ppm
As - 235 ppm Cu - 78 ppm

A96 - 3 Trench 82 - 1.5 m chip. Same as above.

Au - 75 ppb Ag - < .2 ppm
As - 125 ppm Cu - 41 ppm

A96 - 4 Trench 82 - 1.5 m chip. Same as above.

Au - 0.031 opt Ag - 0.6 ppm
As - 370 ppm Cu - 525 ppm
[Co - 0.049 %]

A96 - 5 Trench 82 - 1.1 m chip. Same as above.

Au - 205 ppb Ag - 0.4 ppm
As - 235 ppm Cu - 373 ppm
[Co - 0.033 %]

A96 - 6 Trench 82 - 1.1 m chip. Same as above.

Au - 200 ppb Ag - 0.2 ppm
As - 210 ppm Cu - 274 ppm
[Co - 0.030 %]

A96 - 7 Trench 82 - 1.5 m chip. The zone - andesitic rock strongly altered to K-feldspar? Chlorite, sericite, carbonate, locally minor hematite and quartz. Locally up to 5 % specularite and magnetite, 3 % pyrite, minor tetrahedrite?, chalcopyrite, erythrite, trace malachite. Locally, also limonite and wad. The zone represents cotocloside zone. Orientation 310 / very steep NE.

Au - 0.174 opt Ag - 0.6 ppm
As - 450 ppm Cu - 520 ppm
[Co - 0.074 %]

A96 - 8 Trench 82 - 1.1 m chip. Same as A96 - 7.

Au - 0.160 opt Ag - 1.2 ppm

As - 615 ppm **Cu - 1014 ppm**
[Co - 0.064 %]

A96 - 9 Trench 82 - 1.2 m chip. Same as above.

Au - 0.088 opt **Ag - 1.6 ppm**
As - 705 ppm **Cu - 280 ppm**
[Co - 0.074 %]

A96 - 10 Trench 82 - 1.5 m chip. Same as above.

Au - 0.036 opt **Ag - <.2 ppm**
As - 85 ppm **Cu - 373 ppm**

A96 - 11 Trench 82 - 1.5 m chip. Same as above.

A96 - 12 Trench 82 - 1.7 m chip. Same as above.

A96 - 27 Trench 83 - 1.0 m chip. Andesite moderately altered to chlorite, sericite, carbonate, K-feldspar?, locally some hematite and minor limonite. Trace pyrite.

Au - 50 ppb **Ag - 2.0 ppm**
As - 5 ppm **Cu - 826 ppm**

A96 - 28 Trench 83 - 1.2 m chip. The zone - rock completely altered to K-feldspar, chlorite and hematite. Minor limonite and malachite and wad. Rock is weakly mepuetic. There are some vugs. Trace pyrite.

Au - 920 ppb **Ag - 1.0 ppm**
As - 105 ppm **Cu - 435 ppm**

A96 - 29 Trench 83 - 0.8 m chip. Same as A96 - 28.

Au - 0.031 opt **Ag - 14.6 ppm**
As - 385 ppm **Cu - 6381 ppm**
[Co - 0.030 %]

A96 - 30 Trench 83 - 1.4 m chip. Same as A96 - 27.

Au - 45 ppb **Ag - 0.6 ppm**
As - 20 ppm **Cu - 364 ppm**

A96 - 31 Trench 83 - 0.6 m chip. Same as A96 - 27 and 30, more limonite (mostly on fractures) and minor wad. Minor pyrite.

- A96 - 32 Trench 83 - 0.8 m chip. Same as A96 - 27 and 30.
- A96 - 33 Trench 84 - 1.2 m chip. Andesitic rocks moderately altered to chlorite, sericite, carbonates, K-feldspar? Traces pyrite.
- A96 - 34 Trench 84 - 1.2 m chip. The zone - rock strongly altered to K-feldspar, chlorite, sericite, and subordinate amounts of hematite. Locally rock weakly magnetic. Sporadically trace pyrite and malachite.

Au - 0.047 opt Ag - 0.8 ppm
As - 15 ppm Cu - 108 ppm

- A96 - 35 Trench 84 - 1.2 m chip. Same as A96 - 34.

Au - 0.041 opt Ag - 1.0 ppm
As - 80 ppm Cu - **335 ppm**

- A96 - 36 Trench 84 - 1.5 m chip. Same as A96 - 33.

Au - 180 ppb Ag - <.2 ppm
As - 20 ppm Cu - 58 ppm

- A96 - 37 Trench 84 - 2.0 m chip. Same as A96 - 33.

Au - 105 ppb Ag - <.2 ppm
As - 5 ppm Cu - 10 ppm

- A96 - 62 Trench 85 - 1.3 m chip. Andesite completely altered to K-feldspar, chlorite, calcite and hematite. Minor irregular calcite-quartz-chlorite veining.

Au - 0.044 opt Ag - 0.6 ppm
As - 25 ppm Cu - 84 ppm

- A96 - 63 Trench 85 - 1.5 m chip. Same as A96 - 62.

- A96 - 64 Trench 85 - 0.6 m chip. Same as above.

Au - 0.037 opt Ag - 0.2 ppm
As - 5 ppm Cu - 39 ppm

- A96 - 65 Trench 85 - 1.7 m chip. Same as above.

Au - 130 ppb Ag - 0.2 ppm
As - 10 ppm Cu - 22 ppm

A96 - 102 Trench 86 - 0.7 m chip. Andesite tuff completely calcite-sericite lesser chlorite altered rock with minor pyrite.

A96 - 103 Trench 86 - 0.8 m chip. Same as A96 - 102, some limonite. 2 % pyrite, trace arsenopyrite.

Au - 320 ppb **Ag - <.2 ppm**
As - 575 ppm **Cu - 441 ppm**

A96 - 104 Trench 86 - 0.7 m chip. Interval completely calcite-sericite lesser chlorite altered with 20 % arsenopyrite, 10 % pyrite and heavy limonite.

Au - 0.494 opt **Ag - 2.8 ppm**
As - 6.10 % **Cu - 983 ppm**
[Co - 0.420 %]

A96 - 105 Trench 86 - 1.5 m chip. Andesite tuff completely calcite-sericite lesser chlorite altered rock with minor pyrite.

Au - 120 ppb **Ag - <.2 ppm**
As - 515 ppm **Cu - 38 ppm**

A96 - 106 Trench 86 - 1.5 m chip. Same as above A96 - 105.

Au - 255 ppb **Ag - <.2 ppm**
As - 200 ppm **Cu - 141 ppm**

A96 - 107 Trench 86 - 1.3 m chip. Same as above.

A96 - 108 Trench 87 - 1.5 m chip. Andesite tuff very strongly sericite-carbonate lesser chlorite altered with average 1 % pyrite.

Au - 70 ppb **Ag - <.2 ppm**
As - 120 ppm **Cu - 222 ppm**

A96 - 109 Trench 87 - 1.5 m chip. Same as A96 - 108.

Au - 110 ppb **Ag - <.2 ppm**
As - 165 ppm **Cu - 433 ppm**

A96 - 110 Trench 87 - 1.5 m chip. Same as A96 - 108.

A96 - 111 Trench 87 - 1.5 m chip. Same as above, average pyrite content 5 %.

Au - 540 ppb **Ag - <.2 ppm**

As - 110 ppm Cu - 257 ppm

A96 - 112 Trench 87 - 1.5 m chip. Andesite tuff very strongly sericite-carbonate lesser chlorite altered with average 1 % pyrite.

A96 - 113 Trench 87 - 1.8 m chip. Same as A96 - 112.

Au - 120 ppb Ag - <.2 ppm
As - 65 ppm Cu - 24 ppm

A96 - 114 Trench 88 - 1.0 m chip. Andesite very strongly K-feldspar, chlorite, carbonate, sericite, hematite altered rocks.

A96 - 115 Trench 88 - 0.9 m chip. Andesite completely K-feldspar, chlorite, hematite, carbonate altered. Minor malachite with chrysocole stain. The whole interval A96 - 116 represents shear zone.

Au - 120 ppm Ag - <.2 ppm
As - 15 ppm Cu - 197 ppm

A96 - 116 Trench 88 - 1.5 m chip. Same as above A96 - 115.

Au - 10 ppb Ag - 0.6 ppm
As - 35 ppm Cu - 876 ppm

A96 - 117 Trench 88 - 1.5 m chip. Same as A96 - 114.

A96 - 118 Trench 88 - 0.8 m chip. Same as A96 - 114.

Au - 50 ppb Ag - <.2 ppm
As - 40 ppm Cu - 456 ppm

A96 - 119 Trench 89 - 1.5 m chip. Andesite very strongly K-feldspar, chlorite lesser hematite, carbonates sericite altered. Locally trace pyrite and malachite.

Au - 235 ppb Ag - <.2 ppm
As - 5 ppm Cu - 76 ppm

A96 - 120 Trench 89 - 1.5 m chip. Same as A96 - 119.

Au - 20 ppm Ag - 0.4 ppm
As - 30 ppm Cu - 186 ppm
[Co - 0.02 %]

A96 - 121 Trench 89 - 1.5 m chip. Same as A96 - 119.

Au - 35 ppb Ag - <.2 opt
As - < 5 ppm Cu - 303 ppm

A96 - 122 Trench 89 - 1.5 m chip. Same as A96 - 119.

A96 - 123 Trench 89 - 1.5 m chip. Same as A96 - 119.

A96 - 124 Trench 89 - 1.5 m chip. Same as A96 - 119.

A96 - 125 Trench 89 - 1.5 m chip. Same as A96 - 119.

Au - 220 ppb Ag - <.2 ppm
As - 30 ppm Cu - 135 ppm

A96 - 126 Trench 89 - 1.3 m chip. Same as A96 - 119.

A96 - 127 Trench 90 - 1.0 m chip. Andesite completely altered to sericite, carbonates, chlorite, K-feldspar. Average 2 % chalcopyrite, minor pyrite and grey sulfides. Trace covellite?

Au - 10 ppb Ag - 5.2 ppm
As - 75 ppm Cu - 5692 ppm

A96 - 128 Trench 90 - 1.1 m chip. Andesite completely altered to sericite, carbonates, chlorite, K-feldspar. Trace pyrite, chalcopyrite and malachite.

Au - 30 ppb Ag - <.2 ppm
As - 50 ppm Cu - 334 ppm

A96 - 129 Trench 90 - 1.5 m chip. Andesite completely altered to K-feldspar, chlorite, carbonates and hematite.

Au - 35 ppb Ag - <.2 ppm
As - 30 ppm Cu - 293 ppm

A96 - 130 Trench 90 - 1.5 m chip. Same as above A96 - 129.

Au - 130 ppb Ag - <.2 ppm
As - 5 ppm Cu - 50 ppm

A96 - 131 Trench 90 - 1.3 m chip. Andesite very strongly altered to K-feldspar, chlorite, carbonate, sericite, hematite. Trace pyrite and malachite.

Au - 150 ppb Ag - <.2 ppm

As - 25 ppm Cu - 37 ppm

A96 - 142 Trench 91 - 1.3 m chip. Andesite very strongly sericite-chlorite altered with limonite and manganese on fractures.

Au - 255 ppb Ag - 0.8 ppm
As - 220 ppm Cu - 416 ppm

A96 - 143 Trench 91 - 1.4 m chip. Same as above A96 - 142.

A96 - 144 Trench 91 - 0.75 m chip. Interval completely replaced by hematite (often as specularite) and magnetite. Minor malachite stain.

Au - 0.966 opt Ag - 15.2 ppm
As - 370 ppm Cu - 845 ppm

A96 - 145 Trench 91 - 1.9 m chip. Andesite very strongly sericite-carbonate-chlorite altered. Some limonite and manganese along fractures.

Au - 280 ppb Ag - 0.2 ppm
As - 40 ppm Cu - 137 ppm

A96 - 146 Trench 91 - 1.4 m chip. Same as A96 - 142.

Au - 155 ppb Ag - <.2 ppm
As - 105 ppm Cu - 134 ppm

A96 - 147 Trench 91 - 1.3 m chip. Andesite very strongly sericite-chlorite altered. Locally up to 5 % pyrite. Abundant limonite and manganese - mostly along fractures.

Au - 0.037 opt Ag - 0.6 ppm
As - 715 ppm Cu - 410 ppm
[Co - 0.026 %]

A96 - 148 Trench 91 - 0.9 m chip. Same as A96 - 145.

A96 - 149 Trench 91 - 1.3 m chip. Same as A96 - 146.

A96 - 150 1.5 m chip. Same as A96 - 147.

Au - 100 ppb Ag - <.2 ppm
As - 40 ppm Cu - 36 ppm

A96 - 151 Trench 91 - 1.4 m chip. Same as A96 - 147.

Au - 430 ppb **Ag - <.2 ppm**
As - 155 ppm **Cu - 153 ppm**

A96 - 152 Trench 91 - 1.6 m chip. Same as A96 - 147.

Au - 130 ppb **Ag - <.2 ppm**
As - 135 ppm **Cu - 373 ppm**

A96 - 153 Trench 91 - 1.5 m chip. Same as A96 - 147.

A96 - 154 Trench 92 - 1.3 m chip. Andesite completely sericite-carbonate-chlorite altered. Frequent limonite and manganese on fractures. Occasionally 2-3 % pyrite.

Au - 150 ppb **Ag - 0.8 ppm**
As - 275 ppm **Cu - 866 ppm**

A96 - 155 Trench 92 - 1.5 m chip. Interval of sheared andesite completely replaced by sericite and green black chlorite with up to 5 % pyrite and 3 % chalcopyrite. Free of native copper and covellite. Abundant limonite and lesser manganese. Texture - vuggy.

Au - 0.140 opt **Ag - 6.0 ppm**
As - 2025 ppm **Cu - 5196 ppm**

A96 - 156 Trench 92 - 1.4 m chip. Same as A96 - 154.

Au - 0.056 opt **Ag - 2.2 ppm**
As - 260 ppm **Cu - 1257 ppm**

A96 - 157 Trench 92 - 1.4 m chip. Same as A96 - 154.

Au - 685 ppb **Ag - 0.6 ppm**
As - 270 ppm **Cu - 426 ppm**

A96 - 158 Trench 93 - 1.5 m chip. Andesitic rocks very strongly sericite-carbonate-chlorite altered with average 7 % pyrite as irregular patches and veinlets 0.2 - 2.0 cm wide. Also locally up to 40 % arsenopyrite.

Au - 0.948 opt **Ag - 16.0 ppm**
As - 1.05 % **Cu - 1144 ppm**
[Co - 0.069 %]

A96 - 159 Trench 93 - 1.5 m chip. Andesitic rocks very strongly sericite-carbonate-chlorite altered with average 3 % pyrite as irregular patches and veinlets up to 2.0 cm wide.

Au - 0.055 opt **Ag - 2.4 ppm**

As - 245 ppm **Cu - 506 ppm**

A96 - 160 Trench 93 - 1.2 m chip. Same as above A96 - 159.

Au - 165 ppb **Ag - <.2 ppm**
As - 100 ppm **Cu - 182 ppm**

A96 - 161 Trench 94 - 1.8 m chip. Andesitic rocks very strongly sericite altered with strong manganese and carbonaceous (?) substance throughout the rock giving it black color. Some limonite, minor pyrite.

Au - 105 ppb **Ag - 0.2 ppm**
As - 745 ppm **Cu - 133 ppm**

A96 - 162 Trench 94 - 1.5 m chip. Same as above A96 - 161.

A96 - 163 Trench 94 - 1.5 m chip. Same as above A96 - 161.

A96 - 164 Trench 94 - 1.4 m chip. Andesitic rocks completely sericite-carbonate altered. Average 1 % pyrite, sporadically up to 1 % arsenopyrite. Some limonite.

Au - 0.141 opt **Ag - 1.2 ppm**
As - 1535 ppm **Cu - 224 ppm**

A96 - 165 Trench 95 - 1.8 m chip. Completely calcite, lesser sericite altered rock. Trace pyrite.

A96 - 166 Trench 95 - 1.4 m chip. Interval completely sericite-chlorite altered with average 20 % pyrite and 20 % arsenopyrite. Locally up to 80 % pyrite and arsenopyrite. Abundant limonite.

Au - 3.914 opt **Ag - 3.021 opt**
As - 21.83 % **Cu - 2423 ppm**
[Co - 1.16 %]

A96 - 167 Trench 95 - 0.9 m chip. Andesitic rock very strongly sericite chlorite altered with average 5 % pyrite and minor arsenopyrite.

Au - 0.349 opt **Ag - 7.6 ppm**
As - 1.33 % **Cu - 952 ppm**
[Co - 0.082 %]

A96 - 168 Trench 96 - 1.4 m chip. Andesitic rocks very strongly altered to sericite-carbonates-calcite. Minor pyrite.

Au - 630 ppb **Ag - <.2 ppm**
As - 1005 ppm **Cu - 362 ppm**

A96 - 169 Trench 96 - 1.5 m chip. Shear zone within very strongly sericite-carbonates-chlorite altered andesitic rocks. Average pyrite content 3 %, it occurs mostly as veinlets 1-5 mm wide along shearing. Shearing orientation 266 / moderately NE.

Au - 445 ppb **Ag - 1.0 ppm**
As - 395 ppm **Cu - 933 ppm**

A96 - 170 Trench 96 - 1.0 m chip. Same as A96 - 168.

Au - 255 ppb **Ag - <.2 ppm**
As - 195 ppm **Cu - 209 ppm**

A96 - 184 Trench 97 - 1.1 m chip. Andesitic rock strongly altered to sericite-chlorite and carbonates. Minor pyrite (< 1 %). Abundant limonite and some wad.

Au - 0.208 opt **Ag - 2.6 ppm**
As - 1611 ppm **Cu - 274 ppm**
Co - 192 ppm

A96 - 185 Trench 97 - 0.7 m chip. Same as above, only minor limonite and wad.

Au - 0.102 opt **Ag - 1.2 ppm**
As - 8262 ppm **Cu - 150 ppm**
Co - 190 ppm

A96 - 186 Trench 98 - 1.0 m chip. Andesitic rocks very strongly sericite-carbonates-chlorite altered. Pyrite < 1 %. At interval A96 - 187, 3 cm wide band of pyrite. Frequent limonite, lesser wad mostly on fractures. Rocks densely fractured.

Au - 0.078 opt **Ag - 1 ppm**
As - 7619 ppm **Cu - 145 ppm**
Co - 512 ppm

A96 - 187 Trench 98 - 1.5 m chip. Same as A96 - 186.

Au - 325 ppb **Ag - 2.2 ppm**
As - 2823 ppm **Cu - 164 ppm**

A96 - 188 Trench 98 - 1.5 m chip. Same as A96 - 186.

Au - 0.036 opt **Ag - 2.1 ppm**
As - 1600 ppm **Cu - 266 ppm**

Co - 101 ppm

A96 - 189 Trench 99 - 1.2 m chip. Andesitic vodes very strongly sericite-carbonates-chlorite altered with average 2 % pyrite and locally minor arsenopyrite (< 1 %). Some limonite and wad on fractures.

Au - 0.117 opt **Ag - 1.9 ppm**
As - 23021 ppm **Cu - 479 ppm**
Co - 1277 ppm

A96 - 190 Trench 99 - 1.5 m chip. Same as A96 - 189.

Au - 0.037 opt **Ag - 2 ppm**
As - 3196 ppm **Cu - 450 ppm**
Co - 246 ppm

A96 - 191 Trench 99 - 1.5 m chip. Same as A96 - 189.

Au - 2.276 opt **Ag - 26.7 ppm**
As - 1.23 % **Cu - 291 ppm**
Co - 1009 ppm

A96 - 192 Trench 99 - 1.5 m chip. Same as A96 - 189.

Au - 0.265 opt **Ag - 6 ppm**
As - 7629 ppm **Cu - 370 ppm**
Co - 682 ppm

A96 - 193 Trench 100 - 1.0 m chip. Andesite completely K-feldspar lesser chlorite and hematite altered.

Au - 2.328 opt **Ag - 9 ppm**
As - 338 ppm **Cu - 165 ppm**

A96 - 194 Trench 100 - 1.0 m chip. Same as above. The interval contains 40 cm section of completely K-feldspar, hematite lesser quartz altered rock.

Au - 740 opt **Ag - 0.3 ppm**
As - 33 ppm **Cu - 103 ppm**

A96 - 195 Trench 101 - 1.2 m chip. Andesite completely K-feldspar lesser chlorite and hematite altered. Locally hematite rich veins of up to 20 cm wide. Orientated 310 / very steep SW.

Au - 0.045 opt **Ag - 0.5 ppm**

- As - 51 ppm Cu - 62 ppm
- A96 - 196 Trench 101 - 1.2 m chip. Same as A96 - 195.
- Au - 440 opt** Ag - 0.3 ppm
 As - 74 ppm Cu - 47 ppm
- A96 - 197 Trench 101 - 1.0 m chip. Same as A96 - 195.
- Au - 175 ppb** Ag - 0.3 ppm
 As - 37 ppm Cu - 24 ppm
- A96 - 198 Trench 102 - 1.4 m chip. Andesitic rocks very strongly sericite-carbonate-chlorite altered with average pyrite content 1 %, locally up to 5 %.
- A96 - 199 Trench 102 - 1.2 m chip. Same as above A96 - 198.
- Ag - 65 ppb Au - 0.7 ppm
 As - 154 ppm Cu - 199 ppm
- A96 - 200 Trench 102 - 1.5 m chip. Same as A96 - 198.
- A96 - 201 Trench 102 - 1.3 m chip. Same as A96 - 198.
- Au - 35 ppb Ag - 0.3 ppm
 As - 139 ppm Cu - 134 ppm
- A96 - 202 Trench 102 - 1.1 m chip. Interval completely replaced by black green chlorite lesser sericite and carbonates. Average pyrite content 5 % locally up to 10 %. Trace arsenopyrite. In places, the interval composed entirely of sericite-limonite.
- Au - 480 ppb** Ag - 3 ppm
 As - 372 ppm **Cu - 861 ppm**
 Co - 196 ppm
- A96 - 203 Trench 102 - 1.5 m chip. Same as A96 - 198.
- Au - 180 ppb** Ag - 0.3 ppm
 As - 83 ppm Cu - 194 ppm
- A96 - 204 Trench 102 - 1.5 m chip. Same as A96 - 198.
- Au - 70 ppb Ag - 0.3 ppm
 As - 139 ppm Cu - 161 ppm
- A96 - 205 Trench 102 - 2.0 m chip. Same as A96 - 198.

Au - 120 ppb **Ag - 0.8 ppm**
As - 183 ppm **Cu - 298 ppm**

A96 - 206 1.2 m chip across shear zone within andesite partly replaced by carbonates with average 1-2 % chalcopyrite and pyrite. Frequent malachite-chrysocole stain. Shear zone is 0.7 - 1.2 m wide striking 105 / v., and can be traced for about 30 m.

Au - 5520 ppb **Ag - 33.9 ppm**
As - 89 ppm **Cu - 71 ppm**

A96 - 207 Grab from quartz lens with 5 % pyrite. It is 5 m long and up to 1.5 m wide. It joins at oblique angle the main shear zone from which sample A96 - 206 was taken.

Au - 505 ppb **Ag - 2.1 ppm**
As - 525 ppm **Cu - 643 ppm**
Co - 135 ppm

A96 - 208 0.3 m chip across quartz-sericite-pyrite replaced shear zone. Pyrite content 3 %. Zone orientation 27 deg. / steep W. Can be traced for 20 m.

Au - 210 ppb **Ag - 2.5 ppm**
As - 18 ppm **Cu - 97 ppm**
Co - 17 ppm

A96 - 209 Trench 103 - 0.9 m chip. Andesitic rock very strongly sericite-carbonate-chlorite altered. Average 0.5 % pyrite, locally minor chalcopyrite and malachite stain, trace arsenopyrite. Minor limonite and wad on fractures. At interval A96 - 216 trace erytryhite. In places, minor carbonate veining.

Au - 0.059 opt **Ag - 1.1 ppm**
As - 5424 ppm **Cu - 1655 ppm**
Co - 1054 ppm

A96 - 210 Trench 103 - 1.0 m chip. Andesite reeks very strongly sericite-chlorite altered with average 7 % pyrite and minor arsenopyrite and chalcopyrite, also malachite stain and limonite on fractures. Interval contains 10 cm wide vein of massive pyrite with lesser arsenopyrite.

Au - 0.09 opt **Ag - 2.3 ppm**
As - 1.97 % **Cu - 2078 ppm**
Co - 1983 ppm

A96 - 211 Trench 103 - 1.3 m chip. Same as above.

Au - 480 opt **Ag - 0.6ppm**

As - 464 ppm **Cu - 483 ppm**

A96 - 212 Trench 103 - 1.4 m chip. Same as above.

Au - 47 ppb **Ag - 0.4 ppm**
As - 103 ppm **Cu - 394 ppm**
Co - 38 ppm

A96 - 213 Trench 103 - 1.4 m chip. Same as above.

Au - 320 ppb **Ag - 0.3 ppm**
As - 156 ppm **Cu - 375 ppm**

A96 - 214 Trench 103 - 1.4 m chip. Same as above.

A96 - 215 Trench 103 - 1.4 m chip. Same as above.

Au - 150 ppb **Ag - 0.3 ppm**
As - 41 ppm **Cu - 116 ppm**

A96 - 216 Trench 103 - 1.5 m chip. Same as above.

Au - 145 ppb **Ag - 0.8 ppm**
As - 263 ppm **Cu - 367 ppm**
Co - 121 ppm

A96 - 217 Trench 103 - 1.5 m chip. Same as above.

Au - 105 ppb **Ag - 1 ppm**
As - 111 ppm **Cu - 696 ppm**

A96 - 218 Trench 103 - 1.5 m chip. Same as above.

Au - 60 ppb **Ag - 4.9 ppm**
As - 1158 ppm **Cu - 2399 ppm**
Co - 169 ppm

A96 - 219 Trench 103 - 1.0 m chip. Same as above.

Au - 135 ppb **Ag - 0.3 ppm**
As - 46 ppm **Cu - 62 ppm**

A96 - 220 Trench 104 - 1.5 m chip. Andesitic reeks very strongly K-feldspar-chlorite-sericite altered. Minor pyrite, minor limonite and wad on fractures.

Au - 240 ppb	Ag - 0.3 ppm
As - 279 ppm	Cu - 144 ppm
Co - 481 ppm	

A96 - 221 Trench 104 - 1.5 m chip. Same as A96 - 220.

Au - 75 ppb	Ag - 0.4 ppm
As - 106 ppm	Cu - 252 ppm

A96 - 222 Trench 104 - 1.5 m chip. Andesitic reeks very strongly K-feldspar-chlorite-sericite altered. Average 1 % pyrite and trace arsenopyrite. Some limonite out wad on fractures.

Au - 105 ppb	Ag - 0.7 ppm
As - 77 ppm	Cu - 421 ppm

A96 - 223 Trench 104 - 2.0 m chip. Same as A96 - 222.

Au - 110 ppb	Ag - 0.6 ppm
As - 49 ppm	Cu - 268 ppm

A96 - 224 Trench 105 - 1.5 m chip. Andesitic rocks very strongly altered to sericite-carbonate-chlorite. Average 1 % pyrite.

Au - 0.102 opt	Ag - 0.7 ppm
As - 123 ppm	Cu - 56 ppm

A96 - 225 Trench 105 - 1.2 m chip. The same as A96 - 224. 20 cm section rich in hematite with some magnetite.

Au - 820 ppb	Ag - 1.5 ppm
As - 31 ppm	Cu - 873 ppm

A96 - 226 Trench 105 - 1.5 m chip. Andesite rocks very strongly sericite-carbonate-chlorite-K-feldspar? altered. In places, subordinate amounts of disseminated hematite. Minor pyrite and malachite-azurite (mostly on fractures). Trace chalcopyrite. Sporadically also minor magnetite.

Au - 270 ppb	Ag - 0.6 ppm
As - 54 ppm	Cu - 119 ppm

- A96 - 227 Trench 105 - 1.5 m chip. Same as A96 - 226.
- | | |
|---------------------|---------------------|
| Au - 205 ppb | Ag - 0.3 ppm |
| As - 45 ppm | Cu - 284 ppm |
- A96 - 228 Trench 105 - 1.5 m chip. Same as above, 30 cm section rich in hematite with quartz and some magnetite.
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|---------------------|----------------------|
| Au - 760 ppb | Ag - 3.5 ppm |
| As - 188 ppm | Cu - 1834 ppm |
- A96 - 229 Trench 105 - 1.5 m chip. Same as above, 20 cm hematite rich section with quartz and magnetite.
- | | |
|-----------------------|---------------------|
| Au - 0.030 opt | Ag - 0.7 ppm |
| As - 90 ppm | Cu - 692 ppm |
- A96 - 230 Trench 105 - 1.5 m chip. Same as above.
- | | |
|--------------------|---------------------|
| Au - 60 ppb | Ag - 0.3 ppm |
| As - 20 ppm | Cu - 269 ppm |
- A96 - 231 Trench 105 - 1.5 m chip. Same as above.
- | | |
|---------------------|----------------------|
| Au - 110 opt | Ag - 0.9 ppm |
| As - 33 ppm | Cu - 1050 ppm |
- A96 - 232 Trench 105 - 1.5 m chip. Same as above.
- | | |
|---------------------|---------------------|
| Au - 890 opt | Ag - 0.3 ppm |
| As - 29 ppm | Cu - 174 ppm |
- A96 - 233 Trench 105 - 1.5 m chip. Same as above.
- A96 - 234 Trench 105 - 1.5 m chip. Same as above.
- | | |
|---------------------|----------------------|
| Au - 130 ppb | Ag - 1 ppm |
| As - 160 ppm | Cu - 1148 ppm |
| Co - 8 ppm | |
- A96 - 235 Trench 105 - 1.6 m chip. Same as above.
- | | |
|---------------------|---------------------|
| Au - 750 ppb | Ag - 0.3 ppm |
| As - 120 ppm | Cu - 170 ppm |

Co - 29 ppm

A96 - 236 Trench 106 - 1.5 m chip. Andesitic rocks very strongly altered to K-feldspar-sericite-chlorite-carbonates. Locally minor hematite - disseminated and on fractures. Minor pyrite, locally minor limonite and malachite. Ezeanite on fractures, trace chalcopyrite.

Au - 145 ppb Ag - 0.3 ppm
As - 14 ppm Cu - **243 ppm**

A96 - 237 Trench 106 - 1.5 m chip. Same as above sample, A96 - 236.

A96 - 238 Trench 106 - 1.5 m chip. Same as above.

Au - 340 ppb Ag - 0.4 ppm
As - 51 ppm Cu - **347 ppm**

A96 - 239 Trench 106 - 1.5 m chip. Same as above.

Au - 380 ppb Ag - 0.3 ppm
As - 171 ppm Cu - 110 ppm

A96 - 240 Trench 106 - 1.5 m chip. Same as above.

Au - 115 ppb Ag - **3.6 ppm**
As - 105 ppm Cu - **2418 ppm**

A96 - 241 Trench 106 - 1.5 m chip. Same as above.

Au - 255 ppb Ag - 0.3 ppm
As - 40 ppm Cu - **186 ppm**

A96 - 242 Trench 106 - 1.8 m chip. Same as above.

Au - 390 ppb Ag - 0.3 ppm
As - 31 ppm Cu - 55 ppm

A96 - 243 Trench 107 - 1.5 m chip. Andesite rocks very strongly calcite-chlorite-K-feldspar altered with subordinate amounts of sericite and disseminated hematite. In places minor specularite and magnetite, trace pyrite. There is some limonite and wad on fractures along with minor molybdenite.

Au - 90 ppb Ag - 0.3 ppm
As - 33 ppm Cu - **515 ppm**

A96 - 244 Trench 107 - 1.5 m chip. Same as above sample, A96 - 243.

Au - 145 ppb	Ag - 3.6 ppm
As - 28 ppm	Cu - 1275 ppm

A96 - 245 Trench 107 - 1.5 m chip. Same as above.

Au - 180 ppb	Ag - 0.3 ppm
As - 34 ppm	Cu - 145 ppm

A96 - 246 Trench 107 - 1.5 m chip. Same as above.

Au - 690 ppb	Ag - 0.3 ppm
As - 56 ppm	Cu - 82 ppm

A96 - 247 Trench 107 - 1.5 m chip. Same as above.

A96 - 248 Trench 107 - 1.5 m chip. Same as above.

Au - 90 ppb	Ag - 0.7 ppm
As - 60 ppm	Cu - 472 ppm

A96 - 249 Trench 107 - 1.5 m chip. Same as above.

Au - 65 ppb	Ag - 0.7 ppm
As - 21 ppm	Cu - 387 ppm

A96 - 250 Trench 107 - 1.5 m chip. Same as above.

Au - 38 ppb	Ag - 0.4 ppm
As - 9 ppm	Cu - 315 ppm

A96 - 251 Trench 107 - 2.0 m chip. Same as above.

Au - 9 ppb	Ag - 0.6 ppm
As - 34 ppm	Cu - 515 ppm

A96 - 252 Trench 108 - 1.5 m chip. Andesitic rocks very strongly chloritic-carbonate-K-feldspar altered with subordinate amounts of sericite and disseminated hematite.

A96 - 253 Trench 108 - 1.5 m chip. Same as above sample, A96 - 252.

A96 - 254 Trench 108 - 1.5 m chip. Same as above.

A96 - 255 Trench 108 - 1.5 m chip. Same as above.

Au - 430 ppb	Ag - 0.3 ppm
As - 28 ppm	Cu - 75 ppm

A96 - 256 Trench 108 - 1.5 m chip. Same as above.

A96 - 257 Trench 108 - 1.5 m chip. Andesitic rocks very strongly K-feldspar-chlorite-hematite altered. Minor specularite and magnetite. In one spot minor chalcopyrite and malachite.

Au - 960 ppb	Ag - 0.4 ppm
As - 77 ppm	Cu - 281 ppm

A96 - 258 Trench 108 - 1.5 m chip. Same as sample A96 - 252.

Au - 565 ppb	Ag - 0.3 ppm
As - 71 ppm	Cu - 76 ppm
Co - 122 ppm	

A96 - 259 Trench 108 - 1.5 m chip. Same as above.

Au - 520 ppb	Ag - 0.3 ppm
As - 63 ppm	Cu - 57 ppm

A96 - 260 Trench 108 - 1.5 m chip. Same as above.

Au - 385 ppb	Ag - 0.3 ppm
As - 67 ppm	Cu - 64 ppm

A96 - 261 Trench 108 - 1.5 m chip. Same as above.

Au - 320 ppb	Ag - 0.3 ppm
As - 27 ppm	Cu - 238 ppm

A96 - 262 Trench 108 - 1.5 m chip. Same as above.

Au - 45 ppb	Ag - 1.9 ppm
As - 50 ppm	Cu - 1757 ppm

A96 - 263 Trench 108 - 1.3 m chip. Same as above.

Au - 46 ppb	Ag - 3.4 ppm
As - 76 ppm	Cu - 1747 ppm

A96 - 264 Trench 109 - 1.5 m chip. Andesitic rocks very strongly altered to chlorite-K-feldspar-calcite with lesser sericite and minor disseminated hematite. Locally pyrite up to 5 %. Sample A96 - 264 contains average 3 % pyrite.

Au - 310 ppb Ag - 1.1 ppm
As - 186 ppm Cu - 111 ppm

A96 - 265 Trench 109 - 1.5 m chip. Same as above sample, A96 - 264.

Au - 150 ppb Ag - 1 ppm
As - 22 ppm Cu - **516 ppm**

A96 - 266 Trench 109 - 1.5 m chip. Same as above.

Au - 49 ppb Ag - 0.5 ppm
As - 95 ppm Cu - **313 ppm**

A96 - 267 Trench 109 - 1.9 m chip. Same as above.

Au - 95 ppb Ag - 0.4 ppm
As - 70 ppm Cu - **266 ppm**

A96 - 268 Trench 110 - 1.5 m chip. Andesite rocks very strongly chlorite-K-feldspar-calcite altered with subordinate amounts of sericite and locally disseminated hematite and on fractures. Minor pyrite and malachite stain.

Au - 0.036 opt Ag - 0.8 ppm
As - 57 ppm Cu - 84 ppm

A96 - 269 Trench 110 - 1.5 m chip. Same as above sample, A96 - 268.

Au - 0.064 opt Ag - 1.1 ppm
As - 77 ppm Cu - **373 ppm**

A96 - 270 Trench 110 - 1.5 m chip. Same as above.

A96 - 271 Trench 110 - 1.5 m chip. Same as above.

Au - 160 ppb Ag - 0.9 ppm
As - 154 ppm Cu - **551 ppm**

A96 - 272 Trench 110 - 1.5 m chip. Same as above.

A96 - 273 Trench 110 - 1.5 m chip. Same as above.

A96 - 274 Trench 110 - 1.5 m chip. Same as above.

Au - 49 ppb	Ag - 0.3 ppm
As - 64 ppm	Cu - 274 ppm

A96 - 275 Trench 110 - 1.2 m chip. Same as above.

Au - 120 opt	Ag - 0.5 ppm
As - 55 ppm	Cu - 439 ppm

A96 - 276 Trench 110 - 1.1 m chip. Same as above.

Au - 75 ppb	Ag - 0.3 ppm
As - 52 ppm	Cu - 495 ppm

A96 - 277 Trench 111 - 1.5 m chip. Andesitic rocks very strongly altered to chlorite-K-feldspar with local minor disseminated hematite. In many places fine disseminated specularite and magnetite of up to 5 %. There are a few small replacements up to 7 cm wide of quartz-hematite-magnetite. Trace chalcopyrite and malachite.

A96 - 278 Trench 111 - 1.5 m chip. Same as above sample, A96 - 277.

Au - 90 ppb	Ag - 0.7 ppm
As - 35 ppm	Cu - 717 ppm

A96 - 279 Trench 111 - 1.5 m chip. Same as above.

Au - 95 ppb	Ag - 0.3 ppm
As - 29 ppm	Cu - 266 ppm

A96 - 280 Trench 111 - 1.5 m chip. Same as above.

Au - 115 ppb	Ag - 0.8 ppm
As - 59 ppm	Cu - 531 ppm

A96 - 281 Trench 111 - 1.5 m chip. Same as above.

Au - 640 ppb	Ag - 0.3 ppm
As - 35 ppm	Cu - 248 ppm

A96 - 282 Trench 111 - 1.5 m chip. Same as above.

Au - 180 ppb	Ag - 1.1 ppm
As - 132 ppm	Cu - 173 ppm

A96 - 283 Trench 111 - 1.5 m chip. Andesitic rock very strongly altered to chlorite-K-feldspar-calcite-sericite.

Au - 105 ppb Ag - 0.3 ppm
As - 32 ppm Cu - 134 ppm

A96 - 284 Trench 111 - 1.2 m chip. Same as the above sample, A96 - 283.

A96 - 285 Trench 112 - 1.5 m chip. Andesitic rocks very strongly altered to chlorite-calcite-K-feldspar-sericite. Occasionally minor pyrite.

A96 - 286 Trench 112 - 1.5 m chip. Same as the sample above, A96 - 285.

A96 - 287 Trench 112 - 1.5 m chip. Same as above.

A96 - 288 Trench 112 - 1.5 m chip. Same as above.

A96 - 289 Trench 112 - 1.5 m chip. Same as above.

Au - 41 ppb Ag - 0.3 ppm
As - 18 ppm Cu - 308 ppm

A96 - 290 Trench 112 - 1.6 m chip. Same as above.

A96 - 291 Trench 113 - 1.5 m chip. Samples are of andesitic rocks very strongly altered to chlorite-K-feldspar-calcite with subordinate amounts of sericite and locally hematite which occurs as disseminations and on fractures. Minor pyrite. Interval with minor chalcopyrite and malachite.

Au - 160 ppb Ag - 2 ppm
As - 17 ppm Cu - 3192 ppm

A96 - 292 Trench 113 - 1.5 m chip. Same as the above sample, A96 - 291.

Au - 50 ppb Ag - 0.4 ppm
As - 20 ppm Cu - 578 ppm

A96 - 293 Trench 113 - 1.5 m chip. Same as above. 20 cm hematite rich section with some magnetite.

Au - 430 ppb Ag - 0.3 ppm
As - 65 ppm Cu - 325 ppm

A96 - 294 Trench 113 - 1.5 m chip. Same as above.

Au - 510 ppb Ag - 0.4 ppm

- As - 37 ppm Cu - 217 ppm
- A96 - 295 Trench 113 - 1.5 m chip. Same as above. 20 cm section with 5 % pyrite.
- Au - 45 ppb Ag - 0.6 ppm
As - 57 ppm Cu - **301 ppm**
- A96 - 296 Trench 113 - 1.5 m chip. Same as above.
- Au - **190 ppb** Ag - 0.4 ppm
As - 64 ppm Cu - 126 ppm
- A96 - 297 Trench 113 - 1.5 m chip. Same as above.
- Au - **470 ppb** Ag - 0.3 ppm
As - 73 ppm Cu - 216 ppm
Co - **116 ppm**
- A96 - 298 Trench 113 - 1.5 m chip. Same as above. 50 cm interval rich in hematite and some magnetite.
- Au - **0.057 opt** Ag - 0.6 ppm
As - **202 ppm** Cu - 18 ppm
- A96 - 299 Trench 113 - 1.5 m chip. Same as above.
- Au - **0.067 opt** Ag - 1.2 ppm
As - **167 ppm** Cu - 40 ppm
- A96 - 300 Trench 113 - 1.5 m chip. Same as above.
- Au - 75 ppb Ag - <.2 ppm
As - **125 ppm** Cu - 41 ppm
Co - **117 ppm**
- A96 - 301 Trench 113 - 1.5 m chip. Same as above.
- A96 - 302 Trench 113 - 1.5 m chip. Same as above.
- A96 - 303 Trench 113 - 1.5 m chip. Same as above.
- A96 - 304 Trench 113 - 1.5 m chip. Same as above.
- A96 - 305 Trench 114 - 1.3 m chip. Andesite strongly altered to sericite-K-feldspar (?) - chlorite. Average 1 % pyrite on fractures and limonite.

Au - 0.049 opt Ag - 0.7 ppm
As - 21 ppm Cu - 48 ppm

A96 - 306 Trench 114 - 1.4 m chip. Andesite strongly altered to chlorite-K-feldspar-calcite with lesser disseminated hematite.

Au - 0.179 opt Ag - 1.4 ppm
As - 77 ppm Cu - 101 ppm
Co - 294 ppm

A96 - 307 Trench 114 - 1.2 m chip. Andesite strongly altered to chlorite-sericite-calcite.

Au - 305 ppb Ag - 0.3 ppm
As - 34 ppm Cu - 23 ppm
Co - 190 ppm

A96 - 308 Trench 114 - 1.4 m chip. Andesite very strongly altered to chlorite-K-feldspar-hematite. There are several narrow veinlets of black green chlorite, specularite and quartz.

Au - 0.046 opt Ag - 1.4 ppm
As - 45 ppm Cu - 87 ppm

A96 - 309 Trench 114 - 1.1 m chip. Same as the above sample, A96 - 306.

Au - 105 ppb Ag - 0.3 ppm
As - 16 ppm Cu - 15 ppm

A96 - 310 Trench 115 - 1.5 m chip. Andesite strongly altered to chlorite-K-feldspar (?) with lesser sericite and hematite. Minor pyrite.

Au - 32 ppb Ag - 0.3 ppm
As - 121 ppm Cu - 247 ppm

A96 - 311 Trench 115 - 1.5 m chip. Same as the above sample, A96 - 310.

A96 - 312 Trench 115 - 1.5 m chip. Same as above.

A96 - 313 Trench 115 - 1.5 m chip. Same as above.

Au - 125 ppb Ag - 0.3 ppm
As - 88 ppm Cu - 1359 ppm

A96 - 314 Trench 115 - 2.0 m chip. Same as above.

A96 - 315 Trench 116 - 2.0 m chip. Hornblende porphyritic andesite strongly altered to chlorite-K-feldspar (?) - calcite-sericite with subordinate amounts of disseminated hematite. Locally minor pyrite.

A96 - 316 Trench 116 - 1.5 m chip. Same as the above sample, A96 - 315.

A96 - 317 Trench 116 - 1.5 m chip. Same as above.

A96 - 318 Trench 116 - 1.5 m chip. Same as above.

A96 - 319 Trench 116 - 1.5 m chip. Same as above.

A96 - 320 Trench 116 - 1.5 m chip. Same as above.

A96 - 321 Trench 116 - 1.7 m chip. Same as above.

A96 - 322 Trench 117 - 1.5 m chip. Andesite strongly altered to chlorite-calcite-K-feldspar-sericite with lesser disseminated hematite. Trace tenentite and malachite. Sparse, thin veinlets of quartz, chlorite and specularite.

Au - 0.10 opt	Ag - 0.3 ppm
As - 9 ppm	Cu - 21 ppm

A96 - 323 Trench 117 - 1.5 m chip. Same as the above sample, A96 - 322.

A96 - 323 Trench 117 - 1.5 m chip. Same as above.

A96 - 324 Trench 117 - 1.5 m chip. Same as above.

A96 - 325 Trench 117 - 1.5 m chip. Same as above.

A96 - 326 Trench 117 - 1.5 m chip. Same as above.

Au - 0.097 opt	Ag - 0.3 ppm
As - 14 ppm	Cu - 28 ppm

A96 - 327 Trench 117 - 1.5 m chip. Andesite very strongly altered to chlorite-K-feldspar-calcite-sericite-hematite. There are veinlets of specularite, quartz and chlorite. Specularite veinlets are up to 1 cm wide and are magnetic (magnetite). There is minor malachite stain and trace tenentite (?).

Au - 0.051 opt	Ag - 0.4 ppm
As - 17 ppm	Cu - 53 ppm

A96 - 328 Trench 117 - 1.5 m chip. Same as the above sample, A96 - 327.

Au - 0.081 opt	Ag - 0.6 ppm
As - 51 ppm	Cu - 83 ppm

A96 - 329 Trench 117 - 1.5 m chip. Same as above.

Au -0.258 opt	Ag - 0.8 ppm
As - 77 ppm	Cu - 217 ppm
Co - 105 ppm	

A96 - 330 Trench 117 - 1.5 m chip. Same as the above sample, A96 - 322.

A96 - 331 Trench 117 - 1.5 m chip. Same as above.

Au - 180 ppb	Ag - 0.3 ppm
As - 11 ppm	Cu - 51 ppm

A96 - 332 Trench 117 - 1.9 m chip. Same as the above.

Trench 121

- ERK-96-01 1.5 m chip - green chlorite-hematite altered volcanic with weak calcite stockwork at 080 deg./45 deg. northwest. Traces malachite - minor narrow hematite stringers. Calcite stockwork approximately 10 %.
- ERK-96-02 1.5 m chip - strong red-purple hematite alteration. Minor dark green chlorite veins, traces malachite.
- ERK-96-03 1.5 m chip - Same as 02.
- ERK-96-04 1.5 m chip - Same.
- ERK-96-05 1.5 m chip - Same as other intervals. No malachite observed.

Trench 122

- ERK-96-06 1.5 m chip - green-purple schistose rock - weathers light pink to green. Hematite approximately 10-15 %. Malachite stain approximately 1 m northwest of trench.
- ERK-96-07 1.5 m chip - green schistose volcanic with blebs of hematite. Minor CaCO₃ veinlets - traces pyrite as coarse blebs.
- | | |
|--------------|--------------|
| Au - 385 ppb | Ag - 0.6 ppm |
| As - 5 ppm | Cu - 61 ppm |
| Co - 33 ppm | |
- ERK-96-08 1.5 m chip - 75 m of green chlorite volcanic with blebs and fine stringers of chalcopyrite sulfide approximately 1 %. Then green chlorite volcanic with minor hematite.
- | | |
|-------------|---------------|
| Au - 10 ppb | Ag - 2.8 ppm |
| As - <5 ppm | Cu - 2033 ppm |
| Co - 30 ppm | |
- ERK-96-09 Chip - green chloritic, weakly schistose volcanic. Minor hematite.
- | | |
|--------------|--------------|
| Au - 225 ppb | Ag - 0.2 ppm |
| As - <5 ppm | Cu - 153 ppm |
| Co - 20 ppm | |
- ERK-96-10 1.5 m chip - Same, minor blebs of malachite stained rock with traces chalcopyrite.
- ERK-96-11 1.5 m chip - green, weakly schistose rock. Minor CaCO₃ stockwork - traces galena along 1 cm quartz. CaCO₃ veinlet, minor hematite in rock.
- ERK-96-12 2 m chip - grey-green dense rock with approximately 4 m of stringer and bleb pyrite in southwest portion of interval. Pyrite approximately 1 % overall - locally chloritic.
- | | |
|--------------|--------------|
| Au - 475 ppb | Ag - 0.4 ppm |
| As - 50 ppm | Cu - 18 ppm |
| Co - 23 ppm | |

ERK-96-13 1.5 m chip - dense grey-green, weakly chloritic volcanic, minor hematite. Weak CaCo3 veinlet approximately 5 %.

ERK-96-14 1.5 m chip - Same as 13. Patchy barren drusy quartz in area.

ERK-96-15 1.5 m chip - Same as 13 and 14.

ERK-96-16 1.5 m chip - Same as 13-16. Minor hematite - traces chalcopyrite and malachite. 4 cm of bleb pyrite at southwest edge of sample. Pyrite < 0.5%.

Au - 175 ppb	Ag - 0.2 ppm
As - 15 ppm	Cu - 35 ppm
Co - 24 ppm	

ERK-96-17 1.5 m chip - green-chloritic, weathers rusty. Patchy pyrite approximately 1-2 %.

ERK-96-18 1.5 m chip - green chloritic, fragmental volcanic. Minor pyrite, minor hematite.

Au - 760 ppb	Ag - 1.8 ppm
As - 90 ppm	Cu - 67 ppm
Co - 19 ppm	

ERK-96-19 2.0 m chip - Same as 18.

Trench 123

ERK-96-20 1.5 m chip - dense grey-green medium grained intrusive? Very fine grained pyrite approximately 1-2 %. Weathers weakly rusty.

ERK-96-21 Chip - dense, siliceous volcanic with very fine grained pyrite approximately 1-2%. Minor dark chlorite.

ERK-96-22 Same as above - minor very narrow pyrite veinlets. Pyrite approximately 1-2%.

ERK-96-23 Chip - grey, dense, siliceous rock with fine grained pyrite. Traces malachite. Pyrite approximately 2-3 %.

Au - 75 ppb	Ag - 4.2 ppm
As - 50 ppm	Cu - 390 ppm
Co - 33 ppm	

ERK-96-24 Chip - same as above. Abundant fine grained pyrite approximately 10 %. Minor chalcopyrite locally abundant malachite in center of interval.

Au - 180 ppb	Ag - 6.2 ppm
As - 140 ppm	Cu - 844 ppm
Co - 59 ppm	

ERK-96-25 Chip - dense, fine grained siliceous rock with very fine grained pyrite approximately 5 %.

Au - 90 ppb	Ag - 6.0 ppm
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As - 615 ppm Cu - 416 ppm
Co - 42 ppm

ERK-96-26 Chip - grey, dense sericitic rock with very fine grained pyrite approximately 7 %. On weathered surface, appears as fragmental volcanic.

Au - 0.156 opt Ag - 8.0 ppm
As - 135 ppm Cu - 444 ppm
Co - 45 ppm

ERK-96-27 1.5 m chip - grey sericitic volcanic with very fine grained pyrite approximately 7-8 %.

Au - 50 ppb Ag - 4.6 ppm
As - 105 ppm Cu - 444 ppm
Co - 37 ppm

ERK-96-28 1.5 m chip - partly dense fine grained altered volcanic partly highly sericitic schistose rock. Very fine grained pyrite approximately 2 %. Minor 5 mm pyrite veinlets.

Au - 40 ppb Ag - 3.6 ppm
As - 80 ppm Cu - 298 ppm
Co - 31 ppm

ERK-96-29 1.5 m chip - sericitic altered rock, fine grained pyrite approximately 7 %. Minor pyrite veinlets up to 5 mm wide.

Au - 80 ppb Ag - 3.6 ppm
As - 130 ppm Cu - 314 ppm
Co - 24 ppm

Trench 124

ERK-96-30 1 m chip - green heavily chloritic zone with stringers of massive pyrite. Sulfide approximately 20-25 %.

Au - 0.038 opt Ag - 10.8 ppm
As - 210 ppm Cu - 323 ppm
Co - 57 ppm

ERK-96-31 1.5 m chip - green, dense weakly chloritic with sparse cube pyrite. Minor local hematite - pyrite approximately 1 %. Weak calcite veinlets.

ERK-96-32 1.5 m chip - dense green chloritic rock with blebs of pyrite approximately 2-3 % - local strong calcite stockworks.

Au - 145 ppb Ag - 0.2 ppm
As - 20 ppm Cu - 27 ppm
Co - 26 ppm

ERK-96-33 1.5 m chip - same as 32. Local orange/pink calcite stringers, pyrite approximately 1-2 %.

- ERK-96-34 1.5 m chip - green , dense rock, locally strong chlorite, weak calcite stockwork. Pyrite 2-3 % as fine blebs and very fine veinlets.
- ERK-96-35 1.5 m chip - dense weakly chloritic, intrusive? Sparse pyrite.
- ERK-96-36 1.5 m chip - Pyritic zone consisting of partly sericitic schistose as well as silicified volcanic on intrusive. Pyrite approximately 15 % as fine stringers and as blebs.
- | | |
|--------------|--------------|
| Au - 205 ppb | Ag - 1.6 ppm |
| As - 50 ppm | Cu - 202 ppm |
| Co - 50 ppm | |
- ERK-96-37 1.5 m chip - at north end, first 0.7 m is silicified, brecciated chlorite rich rock with pyrite approximately 7 % as blebs and coarse grain . Next section is green chloritic rock with sparse pyrite.
- ERK-96-38 1.5 m chip - green chloritic rock with sparse pyrite. Strong calcite stockwork approximately 15 % of rock.
- ERK-96-39 1.5 m chip - green, chloritic volcanic - traces pyrite, minor calcite.
- ERK-96-40 1 m chip - weakly chloritic volcanic, traces malachite, traces pyrite.
- ERK-96-41 1.5 m chip - rusty zone, pyrite approximately 8-10 % in schistose, chloritic volcanic.
- | | |
|-------------|--------------|
| Au - 95 ppb | Ag - 3.4 ppm |
| As - 85 ppm | Cu - 327 ppm |
| Co - 57 ppm | |
- ERK-96-42 1.5 m chip - approximately 5 m of silicified, pyritic volcanic with strong calcite stockwork. Then weaker mineralization for 1 m.
- | | |
|-------------|--------------|
| Au - 75 ppb | Ag - 4.2 ppm |
| As - 80 ppm | Cu - 399 ppm |
| Co - 43 ppm | |
- ERK-96-43 1.5 m chip - silicified, pyritic, weakly chloritic, grey volcanic. Pyrite approximately 8-10 %.
- | | |
|-------------|--------------|
| Au - 5 ppb | Ag - 2.2 ppm |
| As - 35 ppm | Cu - 586 ppm |
| Co - 72 ppm | |
- ERK-96-44 1.5 m chip - pyritic chloritic, grey volcanic, sericite altered pyrite approximately 15-20 % as veinlets and disseminations. Minor hematite - CaCo3 stockwork approximately 5 %.
- | | |
|--------------|--------------|
| Au - 110 ppb | Ag - 4.6 ppm |
| As - 50 ppm | Cu - 668 ppm |
| Co - 58 ppm | |
- ERK-96-45 1.5 m chip - hematite chlorite alteration with approximately 5 % pyrite as disseminations and wisps along schistosity. CaCo3 stockwork 5-7 %.

Au - 75 ppb Ag - 3.4 ppm
As - 20 ppm Cu - 278 ppm
Co - 28 ppm

ERK-96-46 1.5 m chip - rusty zone with pyrite veinlets up to 1 cm. Pyrite approximately 10-12 % - chloritic with very little hematite.

ERK-96-47 1.5 m chip - strong calcite stockwork - chloritic, sericitic with fine grained pyrite approximately 5 %. Local 1 cm wide massive pyrite veinlets.

ERK-96-48 1.5 m chip - pyritic siliceous section. Pyrite approximately 8 % - weak CaCo3 stockwork.

ERK-96-49 1.5 m chip - Same.

ERK-96-50 1.5 m chip - Same.

ERK-96-51 1.5 m chip - silicified weakly sericite-chlorite altered, pyritic with massive pyrite. Minor chalcopyrite veinlets, traces malachite. Pyrite approximately 10 %, chalcopyrite < 0.5 %. Strong CaCo3 stockwork.

Au - 335 ppb Ag - 2.8 ppm
As - 85 ppm Cu - 812 ppm
Co - 48 ppm

ERK-96-52 1.5 m chip - Same as above, strong CaCo3 stockwork. Pyrite approximately 7-8 %.

ERK-96-53 1.5 m chip - silicified with strong CaCo3 stockwork. Pyrite approximately 7-8 % as coarse disseminated grains.

ERK-96-54 1.5 m chip - highly silicified with strong CaCo3. Quartz stockwork - barren - abundant pyrite approximately 10 %.

ERK-96-55 1.5 m chip - highly silicified, pyritic with strong CaCo3 - quartz stockwork - minor pyrite veinlets up to 0.5 mm. Pyrite approximately 10 %.

Au - 10 ppb Ag - 0.2 ppm
As - 45 ppm Cu - 395 ppm
Co - 46 ppm

ERK-96-56 1.2 m chip - rusty zone. Same as 55.

Au - 40 ppb Ag - <0.2 ppm
As - 25 ppm Cu - 362 ppm
Co - 40 ppm

Trench 125

ERK-96-57 Chip - chloritic, sericitic fragmental volcanic with approximately 3-4 % fine grained pyrite. Weak CaCo3 stockwork.

Au - 255 ppb Ag - 4.0 ppm
As - 80 ppm Cu - 774 ppm
Co - 64 ppm

ERK-96-58 1.5 m chip - weakly silicified, pyritic, some chlorite - sericite alteration, appears to be fragmental andesite. Pyrite approximately 5-7 %.

ERK-96-59 1.5 m chip - weakly silicified, weak CaCo3 stockwork, weathers rusty. Pyrite approximately 3-4 % - appears to be rhyolite fragmental.

Trench 126

ERK-96-60 1.5 m chip - siliceous grey, weakly sericite altered volcanic. Fine grained pyrite approximately 5-6 %.

Au - 40 ppb Ag - 2.8 ppm
As - 180 ppm Cu - 415 ppm
Co - 39 ppm

ERK-96-61 1.5 m chip - chloritic, sericitic grey-green volcanic - fine grained pyrite approximately 4 %. Weak CaCo3 stockwork.

Au - 70 ppb Ag - 3.8 ppm
As - 210 ppm Cu - 459 ppm
Co - 32 ppm

ERK-96-62 1.5 m chip - Same as 61. Weak CaCo3 stockwork.

Au - 100 ppb Ag - 3.6 ppm
As - 135 ppm Cu - 295 ppm
Co - 25 ppm

ERK-96-63 1.0 m chip - schistose weakly rusty, chloritic volcanic - fine grained pyrite approximately 5 %. Weak CaCo3 stockwork.

ERK-96-64 1.3 m chip - coarse pyrite along minute veinlets as well as blebs. Rock is chloritic sericite altered volcanic. Pyrite approximately 15 %.

Au - 0.755 opt Ag - 18.6 ppm
As - 210 ppm Cu - 836 ppm
Co - 65 ppm

ERK-96-65 1.5 m chip - chloritic with strong CaCo3 stockwork approximately 7 %, pyrite approximately 4 %.

Au - 0.447 opt Ag - 5.2 ppm
As - 85 ppm Cu - 212 ppm
Co - 31 ppm

ERK-96-66 1.5 m chip - Same as 65.

Au - 190 ppb Ag - 0.4 ppm
As - 50 ppm Cu - 147 ppm

Co - 21 ppm

ERK-96-67 1.0 m chip - Same as 66.

ERK-96-68 1.5 m chip - grey, siliceous rock with approximately 8 % fine grained pyrite, weak CaCo3 stockwork. Minor chloritic sections.

Trench 131

ERK-96-69 1 m chip - highly chloritic zone with minor hematite, approximately 3 % fine cube pyrite in rock - weak CaCo3 stockwork.

ERK-96-70 1 m chip - green schistose zone with locally abundant purple hematite - coarse pyrite blebs and rare veinlets with chlorite. Overall pyrite approximately 4 %.

ERK-96-71 1 m chip - north 30 cm of strong purple hematite - chlorite altered rock, then very schistose chloritic rock, sparse bleb pyrite.

ERK-96-72 1 m chip - highly schistose, chloritic for 0.5 m, then chloritized with red hematite/pyrite stringers up to 1 cm approximately 10 % of 0.5 section.

Au - 105 ppb	Ag - 2.4 ppm
As - 50 ppm	Cu - 47 ppm
Co - 31 ppm	

ERK-96-73 1 m chip - rusty zone approximately 2 cm of heavily malachite stained schistose rock, then rusty, chloritic rock with approximately 10 % pyrite.

Au - 5 ppb	Ag - 9.8 ppm
As - 55 ppm	Cu - 1425 ppm
Co - 50 ppm	

ERK-96-74 1 m chip - rusty zone, very chloritic, weathers platy and rusty. Pyrite approximately 7 % in chloritic rock.

Au - 10 ppb	Ag - 5.6 ppm
As - 110 ppm	Cu - 230 ppm
Co - 47 ppm	

ERK-96-75 1.1 m chip, siliceous with pink hematite alteration. Minor quartz - CaCo3 stockwork, sparse pyrite.

Trench 132

ERK-96-76 Chip - schistose, chlorite, hematite, altered with sparse cube pyrite. Rock appears to volcanic tuff (andesite).

ERK-96-77 1 m chip - Same as 76.

Au - 5 ppb	Ag - 3.8 ppm
As - 45 ppm	Cu - 101 ppm
Co - 28 ppm	

- ERK-96-78 1 m chip - strongly chlorite altered with stringers of hematite/sparse pyrite cubes up to 1 cm forming 0-15 % of the rock. Local hematite cut/silicification.
- ERK-96-79 1 m chip - strong chlorite altered, hematite patches and veinlets. Local patches of coarse pyrite cubes in dark green chlorite/schistose bands. Pyrite approximately 3 %.
- | | |
|--------------|--------------|
| Au - 260 ppb | Ag - 1.0 ppm |
| As - 15 ppm | Cu - 19 ppm |
| Co - 23 ppm | |
- ERK-96-80 1 m chip - approximately 30 cm of pyritic chloritic rock, then green schistose rock with weak pyrite - minor hematite. Pyrite approximately 4 % overall.
- ERK-96-81 1 m chip - highly schistose, chloritic with bands of fine grained pyrite rich sections up to 1 cm wide. Overall pyrite approximately 4-5 %.
- | | |
|-------------|--------------|
| Au - 5 ppb | Ag - 3.4 ppm |
| As - 55 ppm | Cu - 177 ppm |
| Co - 32 ppm | |
- ERK-96-82 1 m chip - highly schistose, chloritic, grey with bands of fine grained pyrite rich sections up to 10 cm. Minor hematite alteration. Pyrite approximately 5-6 %. Traces arsenopyrite?, traces malachite.
- | | |
|-------------|--------------|
| Au - 5 ppb | Ag - 5.6 ppm |
| As - 95 ppm | Cu - 693 ppm |
| Co - 46 ppm | |
- ERK-96-83 1m chip - chlorite-hematite altered schistose rock with fine pyrite approximately 4 %.
- | | |
|-------------|--------------|
| Au - 10 ppb | Ag - 4.4 ppm |
| As - 30 ppm | Cu - 99 ppm |
| Co - 27 ppm | |
- ERK-96-84 Chip - strong hematite stringer with local coarse cube pyrite. Some fine grained pyrite along chloritic, schistose zones. Overall pyrite approximately 6 %, hematite approximately 20 %.
- ERK-96-85 1 m chip - Same. Hematite approximately 10 % - some sections with coarse cube pyrite, some with fine grained pyrite. Overall pyrite approximately 4-5 %.
- ERK-96-86 1 m chip - 30 cm of brick red hematite rich zone with coarse cube pyrite on east edge. 15 cm of sheared chloritic rock. Pyrite approximately 3 %.
- ERK-96-87 1 m chip - green chloritic, schistose rock with approximately 10 % hematite altered veinlets with coarse cube pyrite. Overall, pyrite approximately 4 %.
- ERK-96-88 1 m chip - rusty zone, schistose with fine grained pyrite approximately 7 %. Highly chloritic.
- | | |
|-------------|--------------|
| Au - 5 ppb | Ag - 2.6 ppm |
| As - 50 ppm | Cu - 461 ppm |
| Co - 32 ppm | |

Trench 133

- ERK-96-89 1.8 m chip - highly chloritic, schistose with minor fine grained pyrite approximately 1 %.
- ERK-96-90 1 m chip - schistose with strong purple hematite, sparse pyrite < 1 %. Hematite approximately 25 %.
- ERK-96-91 1 m chip - green schistose, chloritic zone. Minor hematite, sparse cube pyrite - pyrite approximately 1 %.
- ERK-96-92 1 m chip - chlorite-hematite zone with semi-massive red hematite stringers up to 30 cm. Hematite approximately 30 %, sparse cube pyrite.
- ERK-96-93 1 m chip - chlorite-hematite zone with hematite/pyrite stringers up to 2 cm. Pyrite approximately 3 %.
- | | |
|--------------|---------------|
| Au - 365 ppb | Ag - 17.0 ppm |
| As - 20 ppm | Cu - 24 ppm |
| Co - 30 ppm | |
- ERK-96-94 1 m chip - hematite stringers with coarse pyrite in schistose chloritic rock. Hematite approximately 2.5 %, pyrite approximately 2 %.
- ERK-96-95 1 m chip - hematite stringer approximately 30-40 % with sparse pyrite in green schistose rock.
- | | |
|--------------|--------------|
| Au - 165 ppb | Ag - 1.4 ppm |
| As - 55 ppm | Cu - 26 ppm |
| Co - 16 ppm | |
- ERK-96-96 1 m chip - Same, hematite approximately 10 %.
- ERK-96-97 1 m chip - Same. Strange hematite stringers with coarse pyrite - pyrite approximately 3 %, hematite approximately 20 %. At east edge, contact is shear plane approximately 2-3 cm wide.
- ERK-96-98 1 m chip - green schistose rock with minor coarse pyrite blebs. Fine grain pyrite approximately 2-3 %.
- ERK-96-99 1 m chip - grey, schistose rock with very fine grain pyrite approximately 5-6 % - chloritic.
- | | |
|-------------|--------------|
| Au - 5 ppb | Ag - 3.8 ppm |
| As - 75 ppm | Cu - 514 ppm |
| Co - 31 ppm | |
- ERK-96-100 1.4 m chip - Same as 99.
- ERK-96-101 Grab - sheared purple breccia, chloritic with heavy malachite stain. Massive magnetite.
- | | |
|--------------|---------------|
| Au - 170 ppb | Ag - 0.85 opt |
|--------------|---------------|

As - 95 ppm Cu - 1.25 %
Co - 11 ppm

Trench 200

ERK-96-102 1.7 m chip - light grey, medium grained intrusive, siliceous with minor barren quartz veinlets. Rare fine pyrite veinlets.

Au - 100 ppb Ag - <0.2 ppm
As - 50 ppm Cu - 109 ppm
Co - 17 ppm

ERK-96-103 1.3 m chip - siliceous, sheared intrusive? with veinlets and stringers of pyrite and arsenopyrite. Sulfides approximately 15 %, pyrite approximately 10 %, arsenopyrite approximately 5 %. Some massive stringers with black chlorite.

Au - 0.477 opt Ag - 3.6 ppm
As - 9625 ppm Cu - 451 ppm
Co - 570 ppm

ERK-96-104 1 m chip - grey, siliceous intrusive? Minor fine pyrite as disseminated grains and veinlets - minor chlorite.

Au - 20 ppb Ag - <0.2 ppm
As - 365 ppm Cu - 38 ppm
Co - 29 ppm

ERK-96-105 1 m chip - grey, siliceous intrusive, medium grained with minor pyrite as fine grained disseminations. One cm arsenopyrite and pyrite veinlet.

Au - 760 ppb Ag - 0.4 ppm
As - 1235 ppm Cu - 107 ppm
Co - 52 ppm

Trench 201

ERK-96-106 1.7 m chip - siliceous, medium grained intrusive? Fine grained pyrite approximately 1 % - very weakly chloritic.

ERK-96-107 1 m chip - narrow 1-2 cm pyrite and arsenopyrite stringer on east side, then approximately 55 cm of siliceous grey intrusive. Then 36 cm of silicified and chloritic zones with stringers of massive arsenopyrite and pyrite. Sulfide approximately 10-15 %, arsenopyrite approximately 5 %.

Au - 0.486 opt Ag - 3.0 ppm
As - 8430 ppm Cu - 287 ppm
Co - 640 ppm

ERK-96-108 1 m chip - grey silicified intrusive? fine grained pyrite approximately 1 %. Traces arsenopyrite?

Au - 0.089 opt Ag - 0.4 ppm
As - 3915 ppm Cu - 45 ppm

Co - 44 ppm

ERK-96-109 0.9 m chip - grey siliceous, intrusive, sparse pyrite.

Au - 210 ppb Ag - <0.2 ppm
As - 125 ppm Cu - 71 ppm
Co - 22 ppm

Trench 202

ERK-96-110 1 m chip - grey siliceous, intrusive, weakly chloritic. Sparse fine grained pyrite.

Au - 115 ppb Ag - <0.2 ppm
As - 440 ppm Cu - 96 ppm
Co - 57 ppm

ERK-96-111 Chip - rusty zone approximately 30-50 cm. Pyrite and arsenopyrite stringers in schistose chloritic rock. Pyrite approximately 4 %, arsenopyrite 1-2 %.

Au - 0.140 opt Ag - 3.4 ppm
As - 7515 ppm Cu - 546 ppm
Co - 673 ppm

ERK-96-112 1 m chip - 15 cm under rusty zone - grey siliceous intrusive with pyrite in one stringer with minor arsenopyrite. Pyrite approximately 1-2 %, arsenopyrite approximately 0.5 %.

Au - 0.070 opt Ag - 0.4 ppm
As - 4995 ppm Cu - 92 ppm
Co - 313 ppm

ERK-96-113 1 m chip - grey siliceous intrusive with sparse pyrite.

ERK-96-114 1 m chip - Same.

ERK-96-115 Chip - narrow 10 cm rusty zone. Pyrite and arsenopyrite in dark grey-black chloritic material - rest of rock is grey, siliceous intrusive with sparse pyrite. Arsenopyrite and pyrite approximately 2 %. Some minor blebs of black chlorite and pyrite.

Au - 0.049 opt Ag - 0.6 ppm
As - 1455 ppm Cu - 133 ppm
Co - 146 ppm

ERK-96-116 1.2 m chip - grey, siliceous rock (intrusive?) weakly chloritic. Sparse pyrite.

Au - 260 ppb Ag - <0.2 ppm
As - 830 ppm Cu - 51 ppm
Co - 112 ppm

Trench 203

ERK-96-117 1.4 m chip - grey, siliceous, medium grained intrusive? Sparse pyrite, weak chloritic alteration.

Au - 10 ppb Ag - <0.2 ppm
As - 210 ppm Cu - 49 ppm
Co - 49 ppm

ERK-96-118 1.3 m chip - 3 narrow pyrite and arsenopyrite stringers plus 12 cm wide - highly rusty chloritic zone with pyrite and arsenopyrite in grey siliceous intrusive? Pyrite approximately 3 %, arsenopyrite approximately 1-2 %.

Au - 0.421 opt Ag - 2.2 ppm
As - 3200 ppm Cu - 972 ppm
Co - 366 ppm

ERK-96-119 1.45 m chip - grey, siliceous, intrusive, minor chlorite . Sparse pyrite.

ERK-96-120 1.4 m chip - rusty zone with pyrite and arsenopyrite stringers along zones of chloritic alteration in grey siliceous intrusive? Pyrite approximately 4-5 %, arsenopyrite 1-2 %.

Au - 0.259 opt Ag - 2.4 ppm
As - 5875 ppm Cu - 369 ppm
Co - 458 ppm

ERK-96-121 1.9 m chip - siliceous grey intrusive, local weak chlorite with coarse pyrite. Traces arsenopyrite.

Au - 805 ppb Ag - 0.2 ppm
As - 410 ppm Cu - 92 ppm
Co - 62 ppm

Trench 199

ERK-96-122 1 m chip - green, chloritic, schistose rock with fine grained disseminated pyrite approximately 1-2 %. Abundant local manganese stain.

ERK-96-123 1 m chip - 30 cm rusty zone, grey sericite chlorite altered rock. Pyrite approximately 4-5 % - abundant manganese stain.

ERK-96-124 1.5 m chip - grey, schistose sericite volcanic, fine grained pyrite as disseminated grains and in very fine veinlets. Pyrite approximately 3-4 %.

ERK-96-125 1.5 m chip - green-grey schistose volcanic, sericite, chlorite altered with fine grained pyrite as minute veinlets and disseminated grains. Pyrite approximately 3 % - minor clear carbonate veinlets.

ERK-96-126 1.5 m chip - Same as 125, 4-5 cm vein of clear to black carbonate with minor quartz. Pyrite approximately 3 % as veinlets and fine grained disseminations.

ERK-96-127 1.5 m chip - Weakly rusty zone, grey green schistose rock, sericite-chlorite altered, abundant local fine pyrite veinlets. Pyrite approximately 7-8 %.

ERK-96-128 1.5 m chip - Same as 127. Abundant local fine pyrite veinlets approximately 10-12 % pyrite, rusty zone.

ERK-96-129 1.5 m chip - sericite chlorite altered volcanic, fine grained pyrite approximately 6 %.

ERK-96-130 1.5 m chip - rusty zone, sericite chlorite altered schistose volcanic with fine grained pyrite approximately 10-12 %. Traces arsenopyrite?

Au - 5 ppb	Ag - 3.8 ppm
As - 310 ppm	Cu - 126 ppm
Co - 32 ppm	

ERK-96-131 1.1 m chip - schistose grey-green, sericite, chlorite altered with pyrite approximately 5 % as veinlets and fine grained dissemination.

ERK-96-132 1.5 m chip - chip line approximately 4 m below T36. Sample is green chlorite volcanic with massive pyrite and arsenopyrite stringers. Pyrite approximately 5 %, arsenopyrite approximately 2-3 %.

Au - 0.197 opt	Ag - 0.6 ppm
As - 1.39 %	Cu - 226 ppm
Co - 1177 ppm	

ERK-96-133 1.5 m chip - line 2 m below T36. 2 pyrite and arsenopyrite stringers in green chloritic zone. Pyrite approximately 5 %, arsenopyrite approximately 2 %.

Au - 0.173 opt	Ag - 0.6 ppm
As - 1.42 %	Cu - 279 ppm
Co - 1170 ppm	

Trench 204

ERK-96-134 1.7 m chip - grey, siliceous intrusive, sparse pyrite.

ERK-96-135 1 m chip - Same as above, weakly rusty streaks.

Au - 115 ppb	Ag - <0.2 ppm
As - 80 ppm	Cu - 169 ppm
Co - 53 ppm	

ERK-96-136 1 m chip - 30 cm of massive pyrite, arsenopyrite, chalcopyrite stringers; abundant malachite. Arsenopyrite approximately 1-2 %, pyrite approximately 3 %, chalcopyrite approximately 0.5 %, rest of zone is grey schistose chloritic sericitic rock.

Au - 0.339 opt	Ag - 11.6 ppm
As - 4565 ppm	Cu - 3569 ppm
Co - 139 ppm	

ERK-96-137 1.1 m chip - grey, sericite, chlorite altered with sparse pyrite.

Au - 105 ppb	Ag - <0.2 ppm
As - 125 ppm	Cu - 165 ppm
Co - 36 ppm	

Trench 205

- ERK-96-138 0.8 m chip - green chloritic, hematite altered - has brecciated appearance with dark green chlorite filling voids between fragments.
- ERK-96-139 1.4 m chip - green chloritic hematite altered with stringers of magnetite at northwest end, narrow 0.5 cm arsenopyrite stringer with approximately 1 cm wide argillite stained zone in wall to arsenopyrite. Minor chalcopyrite. Magnetite approximately 5 %, arsenopyrite < 1%; chalcopyrite approximately < 0.5 %, traces pyrite. Heavy malachite stain on magnetite-hematite.
- | | |
|----------------|---------------|
| Au - 0.135 opt | Ag - 3.2 ppm |
| As - 1955 ppm | Cu - 1950 ppm |
| Co - 962 ppm | |
- ERK-96-140 1.5 m chip - green, highly chloritic with abundant manganese stain, locally weakly rusty with weathered surface.
- ERK-96-141 1.5 m chip - Same, narrow 1 cm hematite stringer.
- ERK-96-142 1.5 m chip - Same as the above for 1 m, then green, chloritic, hematite altered with stringers of hematite and magnetite. Minor malachite, manganese < 0.5 %.
- | | |
|----------------|---------------|
| Au - 0.049 opt | Ag - <0.2 ppm |
| As - 260 ppm | Cu - 371 ppm |
| Co - 220 ppm | |
- ERK-96-143 1.0 m chip - 30 cm arsenopyrite zone, rusty, highly weathered in green chloritic altered zone. Arsenopyrite approximately 5-6 %, pyrite approximately 5 %, traces erytherite.
- | | |
|----------------|---------------|
| Au - 0.577 opt | Ag - 3.4 ppm |
| As - 3.33 % | Cu - 1146 ppm |
| Co - 4354 ppm | |
- ERK-96-144 1.3 m chip - sheared portion with minor stringer of arsenopyrite with traces erytherite. Minor malachite, pyrite approximately 1-2 %, green chloritic rock.
- | | |
|----------------|--------------|
| Au - 0.136 opt | Ag - 0.4 ppm |
| As - 6710 ppm | Cu - 472 ppm |
| Co - 1016 ppm | |
- ERK-96-145 1 m chip - green chloritic rock with strong CaCo3 stockwork approximately 2 cm. Pink calcite stringer, minor pyrite-chalcopyrite veinlets, locally malachite stained sulfide approximately 1-2 %.
- | | |
|--------------|--------------|
| Au - 175 ppb | Ag - 0.6 ppm |
| As - 50 ppm | Cu - 493 ppm |
| Co - 13 ppm | |
- ERK-96-146 1.3 m chip - green sheared chloritic rock with hematite/pyrite-chalcopyrite-arsenopyrite stringer approximately 15 cm. Abundant malachite stain.
- | | |
|----------------|---------------|
| Au - 0.051 opt | Ag - 1.4 ppm |
| As - 55 ppm | Cu - 1192 ppm |
| Co - 25 ppm | |

- ERK-96-147 1.0 m chip - grey volcanic with stringers of black chlorite. Strong CaCo₃ stockwork - local abundant chalcopyrite, some malachite. Pyrite approximately 1 %.
- | | |
|--------------|---------------|
| Au - 410 ppb | Ag - <0.2 ppm |
| As - 50 ppm | Cu - 434 ppm |
| Co - 18 ppm | |
- ERK-96-148 1.3 m chip - grey intrusive appearance with chlorite/sulfide stringers. Pyrite approximately 2 %, minor chalcopyrite, local malachite.
- | | |
|--------------|---------------|
| Au - 110 ppb | Ag - 0.8 ppm |
| As - 65 ppm | Cu - 1561 ppm |
| Co - 30 ppm | |
- ERK-96-149 1.5 m chip - green, chloritic rock with weak CaCo₃ stockwork. Minor stringers/veinlets of pyrite.
- ERK-96-150 1.5 m chip - Same.
- ERK-96-151 1.5 m chip - green chloritic rock, minor fine grained pyrite veinlets, minor hematite at west end of sample.
- | | |
|--------------|---------------|
| Au - 765 ppb | Ag - <0.2 ppm |
| As - 50 ppm | Cu - 320 ppm |
| Co - 46 ppm | |
- ERK-96-152 1.5 m chip - weakly hematite altered, chloritic rock with very fine grained pyrite veinlets < 0.5 %. Traces malachite.
- | | |
|--------------|---------------|
| Au - 250 ppb | Ag - <0.2 ppm |
| As - 60 ppm | Cu - 203 ppm |
| Co - 39 ppm | |
- ERK-96-153 1.5 m chip - highly sheared, shattered, weakly rusty, chloritic. Pyrite approximately 1 %.
- ERK-96-154 1.1 m chip - wall zone to massive sulfide - chloritic with minor arsenopyrite, chalcopyrite and pyrite. Traces malachite. High manganese stain.
- ERK-96-155 1 m chip - massive pyrite, arsenopyrite, minor hematite, minor chalcopyrite. Sulfides approximately 50 %.
- | | |
|----------------|---------------|
| Au - 0.090 opt | Ag - 1.0 ppm |
| As - 6.34 % | Cu - 1694 ppm |
| Co - 5014 ppm | |
- ERK-96-156 1 m chip - Same as 155.
- | | |
|----------------|---------------|
| Au - 0.100 opt | Ag - 4.0 ppm |
| As - 5.19 % | Cu - 2840 ppm |
| Co - 3636 ppm | |

- ERK-96-157 1 m chip - highly weathered, rusty, red-brown earth in fresher pieces. Chloritic rock with stringers of arsenopyrite.
- | | |
|----------------|---------------|
| Au - 0.053 opt | Ag - 1.0 ppm |
| As - 1.94 % | Cu - 1340 ppm |
| Co - 1864 ppm | |
- ERK-96-158 1 m chip - Same as 157. Minor arsenopyrite in fresher chloritic pieces.
- | | |
|----------------|--------------|
| Au - 0.088 opt | Ag - 1.8 ppm |
| As - 4875 ppm | Cu - 566 ppm |
| Co - 1015 ppm | |
- ERK-96-159 1 m chip - weakly rusty, minor arsenopyrite veinlets chloritic, locally highly weathered.
- | | |
|---------------|--------------|
| Au - 575 ppb | Ag - 0.6 ppm |
| As - 2420 ppm | Cu - 301 ppm |
| Co - 412 ppm | |
- ERK-96-160 1.4 m chip - grey-green chloritic rock with minor pyrite veinlets. Pyrite approximately 1 %, schistose.
- | | |
|--------------|--------------|
| Au - 55 ppb | Ag - 0.4 ppm |
| As - 170 ppm | Cu - 157 ppm |
| Co - 49 ppm | |
- ERK-96-161 1.5 m chip - highly chloritic with highly rusty, weathered zones. Minor arsenopyrite in veinlets.
- | | |
|---------------|--------------|
| Au - 515 ppb | Ag - 0.8 ppm |
| As - 4010 ppm | Cu - 158 ppm |
| Co - 241 ppm | |
- ERK-96-162 1.5 m chip - highly schistose, highly weathered with abundant malachite along chloritic fractures. Minor highly weathered sulfide stringers.
- | | |
|---------------|--------------|
| Au - 775 ppb | Ag - 2.6 ppm |
| As - 1175 ppm | Cu - 901 ppm |
| Co - 83 ppm | |
- ERK-96-163 1.5 m chip - highly chloritic, schistose, minor local malachite, minor highly weathered rusty veinlets. Pyrite < 1%.
- | | |
|--------------|--------------|
| Au - 150 ppb | Ag - 0.8 ppm |
| As - 200 ppm | Cu - 342 ppm |
| Co - 25 ppm | |
- ERK-96-164 1.5 m chip - on surface, rock has appearance of cataclasite with black chlorite filling voids. Rock appears calcareous, minor fine grained pyrite.
- | | |
|--------------|--------------|
| Au - 225 ppb | Ag - 0.8 ppm |
| As - 65 ppm | Cu - 258 ppm |
| Co - 24 ppm | |

ERK-96-165 1.5 m chip - grey, dense rock with minor quartz - CaCo3 stockwork, weakly rusty.

ERK-96-166 1.5 m chip - grey siliceous rock with fine grained pyrite and chalcopyrite veinlets. Trace malachite, azurite, sulfides < 0.5 %.

Au - 115 ppb	Ag - 2.0 ppm
As - 700 ppm	Cu - 599 ppm
Co - 68 ppm	

ERK-96-167 1.5 m chip - Same as 166. No chalcopyrite noted.

Au - 70 ppb	Ag - 0.8 ppm
As - 190 ppm	Cu - 182 ppm
Co - 24 ppm	

Trench 206

ERK-96-168 1 m chip - grey, siliceous weakly chloritic volcanic. Sparse pyrite.

ERK-96-169 1.4 m chip - highly rusty shear zone - appears to be lens. Highly weathered abundant malachite. Pyrite approximately 10 %.

Au - 0.120 opt	Ag - 9.8 ppm
As - 2770 ppm	Cu - 2958 ppm
Co - 118 ppm	

ERK-96-170 1.7 m chip - grey-green schistose, chloritic rock locally rusty on fractures, appears to be highly sheared andesitic volcanic.

Au - 0.034 opt	Ag - 0.2 ppm
As - 85 ppm	Cu - 179 ppm
Co - 27 ppm	

Trench 9 Extension

ERK-96-171 1.5 m chip - highly chloritic, minor hematite, vuggy with traces arsenopyrite. Locally red earth over 1 cm widths, minor pyrite approximately 1 %.

ERK-96-172 Chip - Same as 171.

ERK-96-173 1.5 m chip - green, chloritic with minor hematitic bands weakly schistose, minor pyrite.

ERK-96-174 1.5 m chip - dense grey-green with weak hematite alteration, sparse pyrite.

ERK-96-175 1.5 m chip - approximately 1.2 m of heavily hematite altered rock with local erytherite - narrow 1.5 cm rusty zone in west edge of hematite altered rock.

Au - 0.035 opt	Ag - <0.2 ppm
As - 215 ppm	Cu - 290 ppm
Co - 215 ppm	

ERK-96-176 1.5 m chip - green weakly chloritic altered with minor hematite. Traces malachite, sparse pyrite.

ERK-96-177 1.5 m chip.

Trench 103 Extension

ERK-96-178 1.2 m chip - narrow stringer of arsenopyrite in hematite rich magnetite rich band approximately 15-20 cm. Arsenopyrite < 2%, traces erytherite.

Au - 0.049 opt	Ag - <0.2 ppm
As - 5485 ppm	Cu - 194 ppm
Co - 1361 ppm	

ERK-96-179 1.5 m chip - grey dense, weakly chloritic sparse pyrite. One narrow pyrite veinlet; pyrite approximately 1 %.

Au - 5 ppb	Ag - <0.2 ppm
As - 160 ppm	Cu - 100 ppm
Co - 123 ppm	

ERK-96-180 1 m chip - rusty zone with pyrite approximately 3-4 % in grey dense, weakly chloritic rock.

ERK-96-181 1.5 m chip - weakly chloritic, green with minor hematite alteration.

ERK-96-182 1.2 m chip - rusty zone, chloritic with fine grained pyrite veinlets approximately 4 %. Rock is weakly hematitic.

Trench 207

ERK-96-183 1 m chip - hematite chlorite zone - strongly magnetic with abundant manganese and malachite stain.

Au - 0.259 opt	Ag - 1.8 ppm
As - 795 ppm	Cu - 1080 ppm
Co - 938 ppm	

ERK-96-184 1 m chip - Same as 183. Banding along oblique angle to trench.

Au - 0.033 opt	Ag - 0.6 ppm
As - 200 ppm	Cu - 422 ppm
Co - 283 ppm	

ERK-96-185 Chip - approximately 0.5 m of massive arsenopyrite and minor massive hematite magnetic, minor erytherite stain.

Au - 1.473 opt	Ag - 11.4 ppm
As - 4.61 %	Cu - 2038 ppm
Co - 1.469 %	

ERK-96-186 1 m chip - hematite-chlorite zone, strongly magnetic, strong erytherite stain. Minor malachite.

Au - 0.216 opt Ag - 0.6 ppm
As - 1475 ppm Cu - 210 ppm
Co - 2333 ppm

ERK-96-187 1 m chip - hematite chlorite zone, magnetic with quartz-calcite stockwork abundant erytherite. Minor arsenopyrite at west edge of sample.

Au - 0.227 opt Ag - 1.2 ppm
As - 1310 ppm Cu - 518 ppm
Co - 1541 ppm

ERK-96-188 1 m chip - hematite-chlorite altered zone. Magnetic with locally abundant erytherite, minor malachite, azurite. Minor chalcopyrite, some 5 mm magnetite veinlets.

Au - 0.063 opt Ag - 0.4 ppm
As - 335 ppm Cu - 381 ppm
Co - 864 ppm

ERK-96-189 1 m chip - hematite-chlorite alteration zone, siliceous with minor erytherite stain. Minor malachite.

Au - 0.234 opt Ag - 1.2 ppm
As - 880 ppm Cu - 306 ppm
Co - 902 ppm

ERK-96-190 1 m chip - Same as above, traces erytherite.

Au - 470 ppb Ag - <0.2 ppm
As - 285 ppm Cu - 245 ppm
Co - 337 ppm

Trench 208

ERK-96-191 1.5 m chip - grey, chloritic brecciated andesite, fine grained pyrite approximately 1 %. Minor hematite.

ERK-96-192 1.5 m chip - weakly pyritic grey-green breccia with chlorite between fragments. Pyrite approximately 2-3 %.

Au - 770 ppb Ag - <0.2 ppm
As - 4955 ppm Cu - 247 ppm
Co - 648 ppm

ERK-96-193 1.5 m chip - green, breccia, abundant chlorite weakly hematite altered. Minor chalcopyrite.

Au - 60 ppb Ag - <0.2 ppm
As - 210 ppm Cu - 320 ppm
Co - 191 ppm

ERK-96-194 1.5 m chip - Same as 193.

Trench 209

ERK-96-195 1.5 m chip - grey, weakly brecciated, minor chlorite, minor sparse pyrite.

ERK-96-196 1.5 m chip - Same.

ERK-96-197 1.5 m chip - Same as above.

Au - 175 ppb	Ag - 0.4 ppm
As - 80 ppm	Cu - 155 ppm
Co - 71 ppm	

ERK-96-198 1.5 m chip - grey brecciated, chloritic rock for 30 cm, then rusty, highly weathered zone. Minor erytherite stain along chlorite slip faces, pyrite approximately 3 % as coarse veinlets.

Au - 545 ppb	Ag - 0.2 ppm
As - 515 ppm	Cu - 234 ppm
Co - 422 ppm	

ERK-96-199 1.5 m chip - grey weakly brecciated, minor chlorite, sparse pyrite.

Au - 20 ppb	Ag - <0.2 ppm
As - 150 ppm	Cu - 126 ppm
Co - 138 ppm	

ERK-96-200 1.5 m chip - Same.

Trench 190

ERK-96-201 Chip - grey, sericite, chlorite altered andesitic volcanic fine grained pyrite as well as fine veinlets. Pyrite approximately 6-7 %. Rock is schistose weak CaCo3 quartz stockwork.

ERK-96-202 1.5 m chip - Same, pyrite approximately 7-8 %.

ERK-96-203 1.5 m chip - grey, schistose with coarse pyrite cubes up to 1 mm fine grained veinlets of pyrite as well as disseminated. Pyrite approximately 7 %.

Au - 20 ppb	Ag - 1.6 ppm
As - 160 ppm	Cu - 52 ppm
Co - 20 ppm	

ERK-96-204 1.5 m chip - Same as above.

ERK-96-205 1.5 m chip - Same.

ERK-96-206 1.5 m chip - Same.

ERK-96-207 0.7 m chip - Same.

Trench 189

- ERK-96-208 1.5 m chip - very schistose, sericitic with fine grained pyrite approximately 15-20 %. Rusty, deeply weathered.
- ERK-96-209 1.5 m chip - grey, sericitic with fine grained pyrite approximately 10 %.
- ERK-96-210 1.5 m chip - grey, sericitic with local quartz veinlets. Fine grained pyrite approximately 7-8 %.
- ERK-96-211 1.5 m chip - siliceous with local narrow sericitic bands. Fine grained pyrite approximately 15 %.
- ERK-96-212 1.5 m chip - generally sericitic with fine grained pyrite approximately 7 %. Local siliceous appearing sections, minor quartz veinlets.
- ERK-96-213 1.5 m chip - highly pyritic, sericitic rock. Pyrite approximately 15 %.

Trench 188

- ERK-96-214 1.5 m chip - maroon fragmental volcanic, minor chlorite alteration.
- ERK-96-215 1.5 m chip - green, highly schistose rock, minor hematite.
- ERK-96-216 1.5 m chip - carbonate rich, schistose, chloritic.

Au - 80 ppb	Ag - 5.2 ppm
As - 320 ppm	Cu - 69 ppm
Co - 24 ppm	

- ERK-96-217 1 m chip - rusty, schistose zone with fine quartz-carbonate veinlets with coarse

Au - 25 ppb	Ag - 9.8 ppm
As - 105 ppm	Cu - 150 ppm
Co - 23 ppm	

- ERK-96-218 1.5 m chip - highly schistose, rusty with minor , minor hydrozincite. Pyrite approximately 3-4 %.

Au - 50 ppb	Ag - 5.6 ppm
As - 260 ppm	Cu - 144 ppm
Co - 31 ppm	

- ERK-96-219 1 m chip - 40 cm of highly rusty, pyritic rock, then sericite schistose with fine quartz veinlets in rusty zone. Narrow stringers of arsenopyrite-pyrite. Arsenopyrite approximately 2-3 %, pyrite approximately 4-6 %.

Au - 0.061 opt	Ag - 11.6 ppm
As - 1.44 %	Cu - 207 ppm
Co - 827 ppm	

- ERK-96-220 1 m chip - sericite-pyrite schistose with fine quartz veinlets approximately 10 % of rock. Pyrite approximately 7 %.

Au - 20 ppb	Ag - 2.8 ppm
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As - 180 ppm Cu - 26 ppm
Co - 30 ppm

ERK-96-221 1 m chip - Same.

Au - 15 ppb Ag - 4.4 ppm
As - 165 ppm Cu - 131 ppm
Co - 33 ppm

ERK-96-222 1 m chip - chloritic, sericitic rock with minor coarse pyrite stringers in calcite, minor hydrozincite. Pyrite approximately 5-6 %.

Au - 130 ppb Ag - 5.4 ppm
As - 345 ppm Cu - 370 ppm
Co - 36 ppm

Trench 189

ERK-96-223 1.5 m chip - pale grey intrusive, sheared sericitic with fine grained pyrite as veinlets and disseminations approximately 10 %.

Au - 5 ppb Ag - 3.4 ppm
As - 105 ppm Cu - 221 ppm
Co - 30 ppm

ERK-96-224 1.5 m chip - pale grey intrusive, sheared, sericitic with pyrite approximately 10-11 %.

Au - 10 ppb Ag - 4.6 ppm
As - 100 ppm Cu - 175 ppm
Co - 35 ppm

ERK-96-225 1.2 m chip - Same as previous, more schistose. Pyrite approximately 8-9 %.

Trench 189 Extension

ERK-96-226 Chip - hematitic-chloritic rich rock, probably a tuff with traces malachite.

ERK-96-227 1.5 m chip - 0.4 m of hematite-chloritic rock, then schistose, weakly rusty, chloritic-sericitic section. Pyrite approximately 3 %. Some yellow stain, possible related to arsenopyrite.

ERK-96-228 1.5 m chip - grey carbonate rich, sheared chloritic rock with fine grained pyrite veinlets approximately 3 %.

ERK-96-229 1.0 m chip - rusty, schistose, chloritic sericitic rock with minor pyrite approximately 1-2 %.

Au - 10 ppb Ag - 3.2 ppm
As - 280 ppm Cu - 84 ppm
Co - 38 ppm

ERK-96-230 1 m chip - schistose sericitic with fine grained pyrite approximately 7-8 %.

Au - 5 ppb Ag - 3.0 ppm
As - 135 ppm Cu - 65 ppm
Co - 28 ppm

ERK-96-231 1 m chip - grey schistose rock, highly foliated, weathers rusty fine grained pyrite approximately 5-6 %. Arsenopyrite?

Au - 10 ppb Ag - 2.6 ppm
As - 145 ppm Cu - 46 ppm
Co - 34 ppm

ERK-96-232 1 m chip - Same as 231, narrow 6 cm shear zone in middle of interval. Shear is platy-schistose, chloritic rock. Pyrite approximately 7 %.

ERK-96-233 0.9 m chip - Same as above for 4 m, then schistose, highly pyritic for 0.5 m. Pyrite approximately 8 %.

Trench 210

ERK-96-234 Chip - grey, siliceous appearing, dense, medium grained feldspar II. Fine grained pyrite approximately 1 %.

ERK-96-235 1.3 m chip - Same as 234, pyrite approximately 1-1.5 %, weathers slightly rusty.

Au - 5 ppb Ag - <0.2 ppm
As - 130 ppm Cu - 101 ppm
Co - 23 ppm

ERK-96-236 1.5 m chip - dense, grey medium grained intrusive, pyrite approximately 1% as fine grained veinlets.

ERK-96-237 1 m chip - sheared, weakly chloritic with stringers of pyrite and arsenopyrite weathers rusty. Rock has brecciated appearance. Pyrite approximately 3-4 %. One arsenopyrite stringer approximately 3 cm (arsenopyrite approximately 3 %).

Au - 0.255 opt Ag - 2.6 ppm
As - 7615 ppm Cu - 287 ppm
Co - 411 ppm

ERK-96-238 1.5 m chip - grey dense medium grained intrusive with fine grained pyrite < 1%.

ERK-96-239 1 m chip - pale grey, medium grained intrusive, pyrite approximately <1%.

Trench 216

ERK-96-240 1 m chip - green, chloritic, sheared volcanic with strong CaCo₃ stockwork stringers of arsenopyrite and pyrite. Pyrite approximately 3 %, arsenopyrite approximately 3 %.

Au - 0.034 opt Ag - 1.0 ppm
As - 6385 ppm Cu - 255 ppm
Co - 670 ppm

ERK-96-241 1 m chip - green chloritic altered volcanic, minor narrow pyrite-arsenopyrite stringer. Abundant CaCo₃, pyrite approximately 1 %, arsenopyrite approximately 1 %. Local carbonate alteration.

Au - 90 ppb	Ag - 0.4 ppm
As - 245 ppm	Cu - 198 ppm
Co - 41 ppm	

ERK-96-242 1 m chip - grey-green, chloritic and sericitic, strong carbon stockwork, sparse pyrite.

ERK-96-243 1 m chip - Same as 242 - narrow coarse pyrite veinlets, pyrite approximately 2 %. Locally rusty.

Au - 690 ppb	Ag - 0.4 ppm
As - 1125 ppm	Cu - 233 ppm
Co - 115 ppm	

ERK-96-244 1 m chip - sericitic, pyritic with 15 cm of earthy gouge in middle, fine grained pyrite approximately 5-7 %. Traces arsenopyrite.

Au - 350 ppb	Ag - 0.2 ppm
As - 265 ppm	Cu - 161 ppm
Co - 43 ppm	

ERK-96-245 1.4 m chip - Same as 244 - approximately 15 cm calcite (coarsely crystalline) vein one narrow pyrite stringer approximately 1 cm. Overall, fine grained pyrite approximately 3-4 %.

Au - 435 ppb	Ag - 0.4 ppm
As - 50 ppm	Cu - 174 ppm
Co - 24 ppm	

Trench 217

ERK-96-246 1.3 m chip - green chloritic, schistose rock with sparse pyrite - abundant carbonate.

ERK-96-247 1 m chip - grey sericitic zone with approximately 20 cm of semi-massive pyrite. Traces arsenopyrite? - schistose with sulfide approximately 6 % overall.

Au - 770 ppb	Ag - 1.6 ppm
As - 1980 ppm	Cu - 349 ppm
Co - 142 ppm	

ERK-96-248 1 m chip - grey sericitic rock - abundant carbonate, fine grained pyrite approximately 3 %.

ERK-96-249 1.5 m chip - grey sericitic rock, schistose, locally siliceous, abundant calcite stockwork approximately 7 %. Fine grained pyrite approximately 6 %.

Trench 215

ERK-96-250 0.6 m chip - green siliceous volcanic or intrusive, medium grained, sparse pyrite.

ERK-96-251 1 m chip - grey silicified rock with coarse pyrite seams - pyrite approximately 5 %.
Traces arsenopyrite? Narrow 4-6 cm - red gouge (highly weathered).

Au - 0.406 opt Ag - 5.4 ppm
As - 3250 ppm Cu - 557 ppm
Co - 123 ppm

ERK-96-252 1.5 m chip - narrow silicified zones with coarse pyrite and arsenopyrite veinlets
approximately 0.5 cm at west end approximately 30 cm of highly weathered rusty zone.
Rock is grey-green siliceous intrusive? Pyrite approximately 1 %, arsenopyrite
approximately 0.5 %.

Au - 0.085 opt Ag - 0.8 ppm
As - 5265 ppm Cu - 224 ppm
Co - 464 ppm

Trench 150

ERK-96-253 0.8 m chip - grey sericitic altered lithic tuff - silicified with quartz veinlets. Minor
pyrite-arsenopyrite veinlets. Pyrite approximately 4 %, arsenopyrite approximately 3 %.

Au - 275 ppb Ag - <0.2 ppm
As - 6765 ppm Cu - 87 ppm
Co - 0.045 %

ERK-96-254 1 m chip - sericitic altered, highly weathered with more silicified portions containing
pyrite-arsenopyrite stringers. Pyrite approximately 5 %, arsenopyrite approximately 4
%.

Au - 0.062 opt Ag - 1.6 ppm
As - 3.40 % Cu - 224 ppm
Co - 0.181 %

ERK-96-255 1 m chip - very broken, chloritic, sericitic, rusty weathering with coarse pyrite blebs in
fresh pieces. Pyrite approximately 4 %.

Au - 60ppb Ag - <0.2 ppm
As - 585 ppm Cu - 195 ppm
Co - 51 ppm

ERK-96-256 1 m chip - highly weathered with approximately 0.3 m of wad (limonitic) rock appears
to be similar to last 1 m.

Au - 0.041 opt Ag - 0.6 ppm
As - 2980 ppm Cu - 365 ppm
Co - 69 ppm

ERK-96-257 1 m chip - grey-green chloritic rock, weakly silicified. Coarse pyrite blebs and veinlets.
Pyrite approximately 7-8 %.

Au - 50 ppb Ag - <0.2 ppm
As - 365 ppm Cu - 221 ppm
Co - 45 ppm

ERK-96-258 1 m chip - grey-green highly weathered, chloritic tuff, coarse bleb. Pyrite approximately
5 %.

Au - 135 ppb Ag - <0.2 ppm
As - 740 ppm Cu - 177 ppm
Co - 38 ppm

ERK-96-259 1 m chip - highly shattered, rusty - minor silicified portions with coarse bleb pyrite.
Overall pyrite approximately 3 %.

ERK-96-260 1 m chip - dense, weakly limonitic, chloritic as well as weakly silicified, coarse pyrite
blebs approximately 4 %.

ERK-96-261 1.5 m chip - sheared highly shattered, chloritic tuff, limonitic with coarse pyrite blebs
and veinlets approximately 7 %.

Trench 151

ERK-96-262 1 m chip - rusty chloritic, weakly sheared lapilli tuff, pyrite blebs and veinlets
approximately 6 %.

Au - 0.154 opt Ag - 1.6 ppm
As - 1.05 % Cu - 228 ppm
Co - 978 ppm

ERK-96-263 1 m chip - chloritic lapilli tuff, sparse bleb. Pyrite approximately 2 %.

Au - 0.036 opt Ag - 0.6 ppm
As - 1715 ppm Cu - 158 ppm
Co - 0.02 %

ERK-96-264 1 m chip - rusty, chloritic, weakly silicified tuff - sparse pyrite as veinlets and blebs approximately 4 %.

Au - 0.055 opt	Ag - 1.4 ppm
As - 7185 ppm	Cu - 262 ppm
Co - 0.064 %	

ERK-96-265 1 m chip - Same as 264.

Au - 250 ppb	Ag - 0.8 ppm
As - 360 ppm	Cu - 232 ppm
Co - 115 ppm	

Trench 152

ERK-96-266 1.4 m chip - green chloritized tuff, weakly silicified, sparse pyrite as veinlets and blebs approximately 3 %.

Au - 0.041 opt	Ag - 1.6 ppm
As - 1045 ppm	Cu - 216 ppm
Co - 118 ppm	

ERK-96-267 1 m chip - Same as above - minor pyrite veinlets with sparse arsenopyrite. Pyrite approximately 7 %, arsenopyrite approximately 1 %.

Au - 0.389 opt	Ag - 4.6 ppm
As - 1.90 %	Cu - 729 ppm
Co - 0.120 %	

ERK-96-268 1 m chip - pyrite and sparse arsenopyrite stringers in rusty chloritic rock. Pyrite approximately 4 %, arsenopyrite approximately 1%.

Au - 0.409 opt	Ag - 4.6 ppm
As - 3.22 %	Cu - 891 ppm
Co - 0.255 %	

ERK-96-269 1 m chip - grey silicified rock with sparse bleb pyrite approximately 2 %.

Au - 205 ppb	Ag - <0.2 ppm
As - 910 ppm	Cu - 79 ppm
Co - 103 ppm	

Trench 149

ERK-96-270 1.0 m chip - sheared and foliated green tuff? Chlorite and carbonate altered. Pyrite throughout trench with high content of pyrite in samples ERK-96-273, 274, 275; malachite in samples ERK-96-273, 278.

Au - 5 ppb	Ag - 7.8 ppm
As - 165 ppm	Cu - 94 ppm
Co - 25 ppm	

ERK-96-271 1 m chip. Same as above sample, ERK-96-270.

ERK-96-272 1 m chip. Same as above.

ERK-96-273 1 m chip. Same as above.

ERK-96-274 1 m chip. Same as above.

ERK-96-275 1 m chip. Same as above.

ERK-96-276 1 m chip. Same as above.

Au - 475 ppb	Ag - 0.6 ppm
As - <5 ppm	Cu - 211 ppm
Co - 44 ppm	

ERK-96-277 1 m chip. Same as above.

ERK-96-278 1 m chip. Same as above.

Au - 90 ppb	Ag - 2.4 ppm
As - <5 ppm	Cu - 1083 ppm
Co - 16 ppm	

Trench 154

ERK-96-279 1 m chip. Light to medium green volcanic carbonate altered sheared argillite.

Au - 335 ppb	Ag - 1.0 ppm
As - 60 ppm	Cu - 51 ppm
Co - 16 ppm	

ERK-96-280 1 m chip. Same as above.

Au - 800 ppb	Ag - 1.0 ppm
As - 60 ppm	Cu - 27 ppm
Co - 24 ppm	

ERK-96-281 1 m chip. Same as above.

Au - 165 ppb	Ag - 0.4 ppm
As - 30 ppm	Cu - 43 ppm
Co - 13 ppm	

ERK-96-282 1 m chip. Same as above.

Trench 155

ERK-96-283 1 m chip. Light to medium green volcanic, sheared, carbonate altered pyrite.

Au - 320 ppb	Ag - 2.0 ppm
As - 15 ppm	Cu - 72 ppm
Co - 17 ppm	

ERK-96-284 1 m chip. Same as above.

ERK-96-285 1 m chip. Same as above.

ERK-96-286 1 m chip. Same as above.

Au - 130 ppb	Ag - <0.2 ppm
As - 25 ppm	Cu - 16 ppm
Co - 12 ppm	

Trench 156

ERK-96-287 1 m chip - fine grained greyish quartzite? with arsenopyrite and pyrite. Iron staining. Minor amounts of calcite and chlorite.

Au - 990 ppb	Ag - 1.0 ppm
As - <5 ppm	Cu - 66 ppm
Co - 17 ppm	

ERK-96-288 1 m chip. Same as above sample, ERK-96-287.

Au - 160 ppb	Ag - <0.2 ppm
As - 15 ppm	Cu - 31 ppm
Co - 25 ppm	

ERK-96-289 1 m chip. Same as above.

Au - 295 ppb	Ag - 0.2 ppm
As - 15 ppm	cu - 61 ppm
Co - 31 ppm	

ERK-96-290 1 m chip. Same as above.

ERK-96-291 1 m chip - stringers of massive sulfides 1-2 cm.

ERK-96-292 1 m chip - same as above sample, ERK-96-291.

Au - 645 ppb	Ag - <0.2 ppm
As - <5 ppm	Cu - 11 ppm
Co - 20 ppm	

Trench 158

ERK-96-293 1 m chip - same rock type as T157 with quartz calcite veins, disseminated sulfides throughout. Same stringers of massive sulfides approximately 1-2 cm.

Au - 0.068 opt	Ag - 0.4 ppm
As - 10 ppm	Cu - 2 ppm
Co - 17 ppm	

ERK-96-294 1 m chip - same as above sample, ERK-96-293.

Au - 115 ppb	Ag - ,0.2 ppm
As - 15 ppm	Cu - 3 ppm

Co - 15 ppm

ERK-96-295 1 m chip. Same as above.

Au - 690 ppb	Ag - 0.4 ppm
As - <5 ppm	Cu - 3 ppm
Co - 35 ppm	

Trench 159

ERK-96-296 1 m chip - grey green rock (greenstone ?) same type as trench 158-157. Disseminated sulfides. Arsenopyrite and pyrite present.

Au - 130 ppb	Ag - 1.2 ppm
As - 110 ppm	Cu - 107 ppm
Co - 35 ppm	

ERK-96-297 1 m chip - same as above sample, ERK-96-296.

ERK-96-298 1 m chip - same as above, contains narrow zone of iron staining approximately 10 cm.

ERK-96-299 1 m chip - same as above samples.

Trench 160

ERK-96-300 1 m chip - same rock type and description as previous samples. (trench 159)

ERK-96-301 1 m chip - same as above sample, ERK-96-300.

ERK-96-302 1 m chip. Same as above.

Au - 105 ppb	Ag - 3.0 ppm
As - 40 ppm	Cu - 264 ppm
Co - 33 ppm	

ERK-96-303 1 m chip. Same as above.

ERK-96-304 1 m chip. Same as above.

ERK-96-305 1 m chip. Same as above.

ERK-96-306 1 m chip. Same as above.

ERK-96-307 1 m chip. Same as above.

ERK-96-308 1 m chip. Same as above.

ERK-96-309 1 m chip. Same as above.

Trench 156

ERK-96-310 1 m chip - grey to grey-black with calcite quartz veins. Fractured throughout, disseminated sulfides, mostly pyrites. Iron staining, some chalcopyrite in ERK-96-317.

	<p>Au - 250 ppb As - .5 ppm Co - 19 ppm</p>	<p>Ag - <0.2 ppm Cu - 4 ppm</p>
ERK-96-311	1 m chip - same as above sample, ERK-96-310.	
	<p>Au - 775 ppb As - 50 ppm Co - 51 ppm</p>	<p>Ag - 4.4 ppm Cu - 980 ppm</p>
ERK-96-312	1 m chip. Same as above.	
ERK-96-313	1 m chip. Same as above.	
ERK-96-314	1 m chip. Same as above.	
	<p>Au - 125 ppb As - 20 ppm Co - 16 ppm</p>	<p>Ag - 4.4 ppm Cu - 290 ppm</p>
ERK-96-315	1 m chip. Same as above.	
	<p>Au - 95 ppb As - 35 ppm Co - 20 ppm</p>	<p>Ag - 7.0 ppm Cu - 552 ppm</p>
ERK-96-316	1 m chip. Same as above.	
	<p>Au - 0.061 opt As - 115 ppm Co - 55 ppm</p>	<p>Ag - 5.6 ppm Cu - 486 ppm</p>
ERK-96-317	1 m chip. Same as above.	
	<p>Au - 310 ppb As - 30 ppm Co - 50 ppm</p>	<p>Ag - 2.8 ppm Cu - 437 ppm</p>
D-96-001	3880 ft. elevation - large gossanous cliff and talus slope, patchy gossan for approximately 50 m x 50 m approximately 100 m NE of major creek.	
D-96-002	3870 ft elevation - approximately 10 x 10 m gossan on/in small creek - several small to medium gossans on steep cliff above.	
	<p>Au - 15 ppb As - <5 ppm Co - 28 ppm</p>	<p>Ag - 6.6 ppm Cu - 240 ppm</p>
D-96-003	3750 ft. elevation - gossanous material and quartz veins and veinlets intertwined amongst major grano-diorite? intrusion (abundant, long mafic crystals {pyroxene}) and "absorbed" country rock. Sample is mostly quartz.	

Au - 10 ppb Ag - 5.0 ppm
As - 10 ppm Cu - 129 ppm
Co - 18 ppm

D-96-004 3690 ft. elevation - large talus slope with lots of rusty boulders. Source hard to locate, sulfide rich (up to 30 %), minor chalcopyrite.

Au - 25 ppb Ag - 3.0 ppm
As - <5 ppm Cu - 380 ppm
Co - 51 ppm

D-96-005 3560 ft. elevation - float, small amount of rusty talus. Approximately 10 % pyrite, no sign of source.

Au - 25 ppb Ag - 6.2 ppm
As - 5 ppm Cu - 243 ppm
Co - 20 ppm

D-96-006 3460 ft. elevation - large patchy gossanous area (from ice up), minor sulfide (just west of major creek).

D-96-007 3440 ft. elevation - talus pile of rusty boulders; very large, may be from very gossanous cliff up high and "upstream". Approximately 10 to 15 % pyrite and minor chalcopyrite.

D-96-008 3490 ft. elevation - continuation of talus pile (moraine) from 007. Some boulders up to 30 % sulfide.

D-96-009 Small and slightly rusty quartz vein in andesite (exposure very small due to snow).

Au - 140 ppb Ag - 1.0 ppm
As - 45 ppm Cu - 18 ppm
Co - 60 ppm

D-96-010 Same as 009 (different location).

D-96-011 Andesitic shear zone - rusty approximately 2 ft. wide. Trending approximately 56 deg., significant malachite in spots, quartz nearby.

Au - 0.108 opt Ag - 28.2 ppm
As - 30 ppm Cu - 7591 ppm
Co - 41 ppm

D-96-012 Very rich gossan on cliff edge (camp side of gorge), lots of pyrite and arsenopyrite. Right at andesite/argillite contact (argillite on gorge side).

Au - 0.717 opt Ag - 7.4 ppm
As - 28.88 % Cu - 906 ppm
Co - 0.0610 %

D-96-013 Similar but smaller showing with disseminated sulfide, a short distance west and down slope from 012. Still on or near argillite/andesite contact.

Au - 250 ppb Ag - 0.8 ppm

As - 995 ppm Cu - 476 ppm
Co - 64 ppm

D-96-014 Further up, gorge along or near contact. Significant disseminated and fracture in filling sulfides approximately 10 %. Patchy gossans.

Au - 90 ppb Ag - 2.4 ppm
As - 325 ppm Cu - 81 ppm
Co - 27 ppm

D-96-015 Further up gorge (getting close to top) near snow and large creek. 15 to 20 % sulfide (pyrite and arsenopyrite) in small gossan on andesite side of contact.

Au - 85 ppb Ag - 1.8 ppm
As - 120 ppm Cu - 49 ppm
Co - 12 ppm

D-96-016 Further up gorge, medium to small gossan with sulfide and calcite veins nearby.

Au - 120 ppb Ag - 4.2 ppm
As - 285 ppm Cu - 166 ppm
Co - 15 ppm

D-96-017 4550 ft. elevation - thick argillite unit containing abundant calcite veins and fairly gossanous, substantial shear zone (approximately 2 ft. wide) present - grey flattened, limestone or dolomite clasts abundant, especially near shear. Shear trending 120 deg. - light/dark banding (bedding) also trends 120 deg. and light bands in particular contain minor (<15 deg.) sulfide (very fine grained). Some coarser sulfide along fractures.

D-96-018 4650 ft. elevation - out of (above) argillite and late igneous rock, several small quartz veins mixed up with a fine grained, hornblende rich intrusive. Very minor sulfide.

D-96-019 4740 ft. elevation - just above 018 re-appear sedimentss., interbedded calcareous and argillite and mostly argillite. Argillites generally very rusty.

D-96-020 4870 ft. elevation - argillite pinches out due to major felsic/dioritic dyke approximately 12 ft thick and visible from top to bottom of cliff and younger than all other rocks in vicinity. Mafic dyke material found in argillite in 019 appears to be major unit overlying (?) argillite. Contains Mafic black and green phenocrysts and minor sulfide, abundant hornblende in places - probable gabbro, seems to crystalline and coarse near major felsic dyke is (in places) an argillite/gabbro breccia. Very coarse matrix and very large clasts. Argillite reappears (in full force) on other side of felsic dyke. Felsic dyke trends approximately 172 deg. and has major offshoots (splays).

D-96-021 4800 ft. elevation - Another sample of argillite, contains minor sulfide.

D-96-022 5170 ft. elevation - Same as 021 - strike of unit unchanged. Dip a bit less steep.

D-96-023 6130 ft elevation - (between 022 and 023 was mixture of argillites and intrusive and volcanics) very little sulfide at mini summit, but samples anyway. Rock similar to 020 but finer grained.

- D-96-024 6420 ft. elevation - argillite unit again, and as usual tangled up with intrusive. Quite calcareous in places, calcite veins present, minor (<10 %) sulfide in both argillite and intrusive.
- D-96-025 Same location as 024 but sample of intrusive. Similar intrusive to 020, minor sulfide.
- D-96-026 4450 ft. elevation - andesitic volcanic tuff (medium grained) with up to approximately 10 % sulfide.
- D-96-027 4430 ft. elevation - similar rock to 026, up to approximately 10 % sulfide.
- D-96-028 4500 ft. elevation - andesite with minor (approximately 5 %) pyrite. Most of area covered with barren argillite.
- D-96-029 4340 ft. elevation - very rusty and crumbly andesite with up to 10 % pyrite.
- D-96-030 4330 ft. elevation - extremely rusty, crumbly andesite (?) (no fresh surfaces) with up to 10 % pyrite.
- Au - 210 ppb Ag - 0.8 ppm
As - 8660 ppm Cu - 273 ppm
Co - 33 ppm
- D-96-031 4190 ft. elevation - andesite (very gossanous) with up to 30 % pyrite and minor arsenopyrite. Several patchy "pods" of good stuff (near Alec's massive arsenopyrite/pyrite sample). Minor quartz.
- Au - 20 ppb Ag - 2.8 ppm
As - 80 ppm Cu - 471 ppm
Co - 98 ppm
- D-96-032 Quartz rich sample of gossanous andesite, minor sulfide, minor malachite.
- Au - 60 ppb Ag - 1.6 ppm
As - 285 ppm Cu - 1177 ppm
Co - 24 ppm
- D-96-033 4040 ft. elevation - in major gossan near bottom of steep cliff. Pyrite rich (approximately 25 %) and arsenopyrite "pod".
- Au - 60 ppb Ag - <.2 ppm
As - 40 ppm Cu - 422 ppm
Co - 64 ppm
- D-96-034 4070 ft. elevation - near top of cliff, part of mega-gossan. Small (1.5 cm thick) pyrite veinlet and disseminated sulfide in surrounding andesite.
- D-96-035 4110 ft. elevation - several sulfide rich (approximately 35 %) boulders and sub-outcrops. Lots of pyrite and arsenopyrite in andesite (sample from sub-outcrop).
- Au - 0.065 opt Ag - 2.0 ppm
As - 605 ppm Cu - 170 ppm

Co - 44 ppm

D-96-036 Same location as 035 - siliceous (very quartz rich) sub-outcrop containing approximately 35 % sulfide (in net like pattern around quartz).

Au - 630 ppb Ag - 1.4 ppm
As - 535 ppm Cu - 68 ppm
Co - 29 ppm

D-96-037 4180 ft. elevation - 8 ft. upstrike from A-96-056 along narrow sulfide zone. Partially decomposed (red-brown) massive pyrite and arsenopyrite (and chalcopyrite?) with quartz and andesite.

Au - 0.104 opt ppb Ag - 1.14 opt
As - 2.48 % Cu - 1.56 %
Co - 276 ppm

D-96-038 5090 ft. elevation - quartz pod - approximately 1 ft. wide (thick) and 10 ft. long (exposed). Substantial country rock (andesite) "pollution" in quartz and minor sulfides visible (approximately 1 %).

D-96-039 5180 ft. elevation - very similar quartz pods as 038, but no visible mineralization.

D-96-040 5640 ft. elevation - Same as 039 exactly.

D-96-041 5330 ft. elevation - large gossan (approximately 50 ft. square) on very steep slope. Very rusty and somewhat rotten andesite with minor (5-10 %) sulfides.

D-96-042 5320 ft. elevation - Same gossan as 041 - andesitic tuff with 10-15 % disseminated sulfide (and along fractures).

D-96-043 Approximately 20 ft. east of 042, still in gossan. Sulfide rich (up to 30 %) andesite (disseminated).

D-96-044 5165 ft. elevation - small gossan (approximately 12 ft. square) of same stuff as 041-043. Up to approximately 25 % sulfide in andesite.

D-96-045 4130 ft. elevation (near ice) - distinct moderately rusty dacitic unit with green sericite/chlorite (?) alteration and lots of quartz (and calcite) veins(lets) trending approximately 100 deg. and steep dip. Small pod (approximately 4 ft. square visible) of "extra rusty" rock with approximately 20 % sulfide (but > 50 % in a couple of small blobs).

Au - 190 ppb Ag - 3.0 ppm
As - 445 ppm Cu - 61 ppm
Co - 64 ppm

D-96-046 Approximately 30 ft. ESE of 045 - country rock less rusty and altered but still Dacite (?). Similar rusty and purple blob to 045 but more sulfide (average approximately 30 % with several massive mini-blobs).

Au - 135 ppb Ag - 4.8 ppm

As - 270 ppm **Cu - 691 ppm**
Co - 103 ppm

D-96-047 and
D-96-048

4035 ft. elevation, right beside creek, directly below 046. Large "blob" (approximately 10 ft. square) of rusty and purple gossan material. Loaded with sulfide (massive) stringers and blobs (i.e.) Good Stuff. Sulfide very fine grained.

D-96-047

Au - 690 ppb **Ag - 11.4 ppm**
As - 1525 ppm **Cu - 86 ppm**
Co - 85 ppm

D-96-048

Au - 795 ppb **Ag - 9.8 ppm**
As - 1725 ppm **Cu - 44 ppm**
Co - 82 ppm

D-96-049 to
D-96-054

4010 ft. elevation - chip samples (1 m/sample) along an approximately 5 m exposure of massive to sub-massive sulfide. Zone approximately 12 to 18 inches thick, seems to "curl" and reappears approximately 10 ft. higher up.

D-96- 049

Rich in calcite and quartz (and dacite fragments) and contains generally between 20 and 40 % sulfide.

Au - 0.114 opt **Ag - 2.8 ppm**
As - 1480 ppm **Cu - 182 ppm**
Co - 127 ppm

D-96- 050

Almost entirely massive sulfide approximately 60-70 % sulfide.

Au - 0.557 opt **Ag - 3.4 ppm**
As - 1830 ppm **Cu - 274 ppm**
Co - 61 ppm

D-96- 051

Mostly sub-massive sulfide, between 30 and 60 % sulfide. Remainder calcite and quartz and dacite.

Au - 0.371 opt **Ag - 2.4 ppm**
As - 1930 ppm **Cu - 296 ppm**
Co - 89 ppm

D-96- 052

Quartz containing disseminated sulfide (up to approximately 25 %) and extremely rotten (leached) massive (?) sulfide.

Au - 0.637 opt **Ag - 8.6 ppm**
As - 1330 ppm **Cu - 1949 ppm**
Co - 80 ppm

D-96- 053

Massive sulfide.

Au - 0.399 opt **Ag - 3.0 ppm**
As - 1925 ppm **Cu - 361 ppm**
Co - 76 ppm

- D-96-054 Sulfide rich (approximately 30 %) quartz and calcite and dacite intermixed with the massive sulfide from Sample 053.
- | | |
|----------------|---------------|
| Au - 0.361 opt | Ag - 5.0 ppm |
| As - 1660 ppm | Cu - 1478 ppm |
| Co - 88 ppm | |
- D-96-055 Just above "main zone" from previous six samples. Extremely gossanous and rotten and leached rock. Can't tell what's in it.
- | | |
|----------------|--------------|
| Au - 0.485 opt | Ag - 4.2 ppm |
| As - 2495 ppm | Cu - 483 ppm |
| Co - 53 ppm | |
- D-96-056 4060 ft. elevation - approximately 20 ft. square of patchy gossan, one 2 ft. square showing of fine grained massive sulfide.
- | | |
|----------------|--------------|
| Au - 0.049 opt | Ag - 8.4 ppm |
| As - 1640 ppm | Cu - 89 ppm |
| Co - 86 ppm | |
- D-96-057 4080 ft. elevation - substantial massive sulfide on very hard to access vertical slope (up to a foot thick and trending approximately 040 deg. - steep dip). Some quartz associated, vertical occurrence appears to extend for up to 10 ft. (visible).
- | | |
|----------------|---------------|
| Au - 0.834 opt | Ag - 16.0 ppm |
| As - 1465 ppm | Cu - 1792 ppm |
| Co - 96 ppm | |
- D-96-058 4090 ft. elevation - in large area on slope covered with gossans and pods of massive and sub-massive sulfide. Sulfide often vuggy (weathered out), this sample mostly sub-massive and quartz rich (also minor malachite?).
- | | |
|----------------|---------------|
| Au - 0.291 opt | Ag - 5.4 ppm |
| As - 600 ppm | Cu - 1831 ppm |
| Co - 46 ppm | |
- D-96-059 4115 ft. elevation - (in same gossanous area as 058) fairly rotten with sulfides often leached. 20 - 50 % sulfide.
- | | |
|----------------|--------------|
| Au - 0.181 opt | Ag - 4.4 ppm |
| As - 1840 ppm | Cu - 234 ppm |
| Co - 18 ppm | |
- D-96-060 4160 ft. elevation - (continuing east, getting closer to major stream). Small pod of massive sulfide.
- | | |
|----------------|--------------|
| Au - 0.207 opt | Ag - 7.0 ppm |
| As - 1170 ppm | Cu - 464 ppm |
| Co - 29 ppm | |

- D-96-061 4760 ft. elevation - on slope on other side, on steep gossanous cliff where grano-diorite dyke is. Pyrite and pyrrhotite rich (up to 30 %) andesite (in middle of cliff). Sample is approximately 25 % sulfide.
- | | |
|--------------|--------------|
| Au - 585 ppb | Ag - 1.2 ppm |
| As - 75 ppm | Cu - 182 ppm |
| Co - 58 ppm | |
- D-96-062 4770 ft. elevation - (approximately 20 ft. SE of 061). Very close to major grano-diorite dyke. Volcanic rock with disseminated fine grained sulfide and several coarser pyrite phenocrysts (approximately 20 % sulfide).
- | | |
|--------------|--------------|
| Au - 145 ppb | Ag - 0.6 ppm |
| As - 5 ppm | Cu - 169 ppm |
| Co - 49 ppm | |
- D-96-063 4860 ft. elevation - outcrop of patchy sulfide rich spots, lots of calcite "blobs" - sample is approximately 20 % sulfide with a lot of it occurring along fractures.
- D-96-064 5000 ft. elevation - an array of splaying quartz and sulfide veins. Sample from blob (approximately 3 ft. square) of almost sub-massive to massive sulfide in quartz. Minor sulfide in quartz elsewhere (10-20%).
- | | |
|---------------|--------------|
| Au - 0.05 opt | Ag - 4.8 ppm |
| As - 1.14 % | Cu - 295 ppm |
| Co - 48 ppm | |
- D-96-065 5050 ft. elevation - similar to 064. Quartz veins/rusty zones and sulfide rich pods. Sample includes 8 in. x 1 in. stringers of massive sulfide and disseminated sulfide.
- | | |
|--------------|--------------|
| Au - 195 ppb | Ag - 0.2 ppm |
| As - 230 ppm | Cu - 238 ppm |
| Co - 81 ppm | |
- D-96-066 5030 ft. elevation - another gossanous/quartz stringer. Pods of somewhat vugged out massive sulfide (disseminated elsewhere). Minor chalcopyrite and malachite also.
- | | |
|--------------|--------------|
| Au - 405 ppb | Ag - 8.0 ppm |
| As - 185 ppm | Cu - 239 ppm |
| Co - 17 ppm | |
- D-96-067 4900 ft. elevation - upper extension (upslope) of quartz/sulfide vein from A100 (thinning out). 2 to 3 ft. stretch that is very rich in malachite, azurite (and crysocola) approximately 20 %. (i.e.) copper (also approximately 2 % chalcopyrite).
- | | |
|--------------|---------------|
| Au - 225 ppb | Ag - 5.8 ppm |
| As - 650 ppm | Cu - 5825 ppm |
| Co - 32 ppm | |
- D-96-068 4890 ft. elevation - another substantial quartz vein. No massive sulfide visible but lots of disseminated and bonded sulfide in quartz (including minor chalcopyrite). Approximately 10 to 15 % sulfide.

Au - 165 ppb Ag - 0.6 ppm
As - 605 ppm Cu - 186 ppm
Co - 30 ppm

- D-96-069 3620 ft. elevation - (same location as Homestake's 06551 sample). Old Trench (??) - doesn't really look like it was blasted. In gossanous andesite (?) with between 5 and 15 % sulfides (mostly pyrite) and am just below contact with major diorite (quartz-diorite) unit. Andesite becomes fresh (clean) rock a bit lower down and probably goes all the way to ice.
- D-96-070 3600 ft. elevation - similar (slightly richer) rocks (to 069). Andesite with 5 - 20 % sulfides (mostly pyrite). Still in gossanous contact zone (with diorite).
- D-96-071 3720 ft. elevation - small gossanous "pod" or dyke (?) of the same andesitic material as in 069 and 070. Again, approximately 5 to 20 % sulfides and mostly pyrite. However, andesite reappears (in full force) a short distance higher up.
- D-96-072 3860 ft. elevation - taken from one of several small gossans on steep slope on top of NW side of steep gully. More andesite with 5 - 15 % sulfide.
- D-96-073 3765 ft. elevation - andesite (in small gossan) containing up to 30 % sulfide (average is approximately 12 %).
- D-96-074 3700 ft. elevation - large gossanous area with smaller pods within containing up to approximately 15 - 20 % sulfide. In andesite (often with augite porphyry).
- Au - 10 ppb Ag - 0.6 ppm
 As - 165 ppm Cu - 852 ppm
 Co - 75 ppm
- D-96-075 3830 ft. elevation - medium small gossan with sulfide rich patches (up to 25 %) in andesite (getting close to first major creek).
- D-96-076 4090 ft. elevation - several small gossans on cliff in andesite. Very pyrite, etc., rich in places (up to approximately 30 %) average 8 %.
- Au - 5 ppb Ag - <0.2 ppm
 As - 20 ppm Cu - 384 ppm
 Co - 39 ppm
- D-96-077 4630 ft. elevation - in almost dried up creek very close to very large (and steep) gossan on cliff. Small blob of calcite (approximately 2 ft. square) right below sample site - very sulfide rich (approximately 30 %) patch (approximately 1 ft. square) above calcite showing.
- Au - 5 ppb Ag - <0.2 ppm
 As - <5 ppm Cu - 699 ppm
 Co - 115 ppm
- D-96-078 4635 ft. elevation - more sulfide-rich andesite in gossan (approximately 30 % sulfide in best spots) approximately 8 % average.

Au - 5 ppb Ag - <0.2 ppm
As - 45 ppm Cu - 531 ppm
Co - 65 ppm

D-96-079 4620 ft. elevation - (in main part of cliff gossan) most of gossan is only approximately 5 % sulfides. Sulfide rich spot (approximately 20 %).

Au - 5 ppb Ag - <0.2 ppm
As - 25 ppm Cu - 515 ppm
Co - 62 ppm

D-96-080 4075 ft. elevation - a medium large dark purple-rusty colored gossan in andesitic (tuff (?)), but < 5 % visible sulfides. Seems to be somewhat altered with green minerals (chlorite, epidote (?)).

D-96-081 4090 ft. elevation - just above 080 (on "outskirts" of gossan) rusty on surface but very fresh on broken surfaces and contains approximately 10 % sulfide in places - in andesite. Calcite everywhere.

D-96-082 4220 ft. elevation (almost straight up from 081). A substantial calcite / very gossanous zone in andesite. Contains from approximately 4 to 12 % sulfides.

D-96-083 4240 ft. elevation - medium to large cliff gossan (in andesite), 5 to 10 % sulfides.

D-96-084 5340 ft. elevation - near top of hill north of camp. Back into argillite unit with lesser amounts (but lots of) limestone and calcite veins (also some quartz veins). Fairly gossanous, several very small pods (approximately 0.5 ft. square) of massive sulfide.

Au - 5 ppb Ag - 7.0 ppm
As - 340 ppm Cu - 82 ppm
Co - 31 ppm

D-96-085 6480 ft. elevation - andesite with approximately 1-2 % pyrite in small gossan near top of high peak.

D-96-086 6240 ft. elevation - several very small, leached (sulfide depleted and vuggy), bleached, gossans in a very carbonaceous andesite (?). Still minor sulfides visible (< 1 %), calcite veins nearby.

D-96-087 6225 ft. elevation - large, dull, rusty brown gossan in steep crevice on cliff. Rock leached and rotten with very little visible sulfide. Lots of calcite veins and volcanic rock very carbonaceous - some manganese in places.

D-96-088 Chip - approximately 8 inches wide across stringer. Averaged out is approximately 30 % sulfide.

Au - 42 ppb Ag - 8.0 ppm
As - 672 ppm Cu - 1413 ppm
Co - 67 ppm Zn - 3537 ppm

D-96-089 Chip sample - approximately 6 inches . Massive sulfide approximately 60 % sulfide.

Au - 105 ppb Ag - 11.1 ppm

As - 2107 ppm Cu - 460 ppm
Co - 118 ppm

D-96-090 Chip - approximately 4 inches wide. Fairly decomposed and approximately 25 % sulfide.

Au - 24 ppb Ag - 11.1 ppm
As - 719 ppm Cu - 2012 ppm
Co - 289 ppm Zn - 2140 ppm

D-96-091 Chip - across approximately 4 inches from small splay stringer (off main vein). 15-20 % sulfide.

Au - 37 ppb Ag - 14.6 ppm
As - 627 ppm Cu - 2520 ppm
Co - 94 ppm

D-96-092 Chip - approximately 3 inches from very rich splay stringer. > 50 % sulfide (pyrrhotite).

Au - 120 ppb Ag - 23.2 ppm
As - 58245 ppm Cu - 1965 ppm
Co - 664 ppm

D-96-093 Chip - approximately 8 inches. Thicker part of same vein as 092. Again over 50 % sulfide and pyrite and pyrrhotite.

Au - 37 ppb Ag - 0.9 ppm
As - 2721 ppm Cu - 999 ppm
Co - 146 ppm

D-96-094 Chip - approximately 6 inches. Calcite rich with approximately 20 % sulfide (main vein has now splayed into 3 veins).

Au - 33 ppb Ag - 7.3 ppm
As - 600 ppm Cu - 398 ppm
Co - 45 ppm

D-96-095 Grab - from thin splay containing approximately 35 % sulfide.

Au - 24 ppb Ag - 12.5 ppm
As - 938 ppm Cu - 2203 ppm
Co - 50 ppm

D-96-096 Grab - from blob of approximately 40 % sulfide in approximately 1.5 ft. thick calcite (and manganese) vein.

Au - 140 ppb Ag - 18.8 ppm
As - 20640 ppm Cu - 736 ppm
Co - 212 ppm

D-96-097 6640 t. elevation - small, quartz vein with < 1 % visible sulfide but lots of rusty (rusted out) vugs. Large felsic dyke nearby.

- D-96-098 6290 ft. elevation - 6 inch thick quartz (70 %)/calcite (30 %) vein containing approximately 1 % sulfide.
- D-96-099 Grab - from blob of approximately 30 % sulfide (mostly pyrite) in approximately 10 inch thick calcite rich vein (similar to 096).
- | | |
|---------------|---------------|
| Au - 275 ppb | Ag - 10.6 ppm |
| As - 1734 ppm | Cu - 152 ppm |
| Co - 16 ppm | Zn - 3641 ppm |
| Pb - 2350 ppm | |
- D-96-100 Chip - (approximately 5 inches) across vein of approximately 25 % sulfide (mostly pyrite) with a 1.5 inch thick quartz vein right beside sulfide (sulfides almost massive beside quartz).
- | | |
|---------------|---------------|
| Au - 340 ppb | Ag - 59.3 ppm |
| As - 4143 ppm | Cu - 494 ppm |
| Co - 86 ppm | |
- D-96-101 Grab - of quartz vein (with minor calcite) from 100 (above) - almost no visible sulfides.
- | | |
|--------------|--------------|
| Au - 31 ppb | Ag - 1.7 ppm |
| As - 392 ppm | Cu - 9 ppm |
| Co - 13 ppm | |
- D-96-102 Chip - approximately 10 inches thick from thick zone of sub-massive pyrrhotite and pyrite (also manganese). Zone of massive to sub-massive sulfide goes for approximately 5 ft. and thickness averages approximately 8 inches. Smaller gossanous and calcite and quartz and sulfide rich veins nearby parallel to above and makes for major rusty zone (approximately 4 ft. wide). Sample approximately 40 % sulfide (1/2 pyrrhotite, 1/2 pyrite).
- | | |
|----------------|---------------|
| Au - 620 ppb | Ag - 48.1 ppm |
| As - 20875 ppm | Cu - 451 ppm |
| Co - 1021 ppm | Zn - 4.99 % |
| Pb - 633 ppm | |
- D-96-103 Grab - just approximately 7 ft. up from 102. Approximately 25 % sulfide (mostly pyrite), from veins and blobs of sulfide across thick rusty zone.
- | | |
|---------------|---------------|
| Au - 280 ppb | Ag - 27.0 ppm |
| As - 1806 ppm | Cu - 192 ppm |
| Co - 29 ppm | Zn - 3.57 % |
| Pb - 665 ppm | |
- D-96-104 Chip - approximately 6 inches thick. From very sulfide rich stringer (off main vein) - massive pyrrhotite (and pyrite) with approximately 70 % of rock = sulfide.
- | | |
|--------------|--------------|
| Au - 95 ppb | Ag - 2.4 ppm |
| As - 330 ppm | Cu - 459 ppm |
| Co - 36 ppm | |

- D-96-105 Chip - approximately 4 inches thick. Off some stringer as 104 but just 2 ft. further upslope. Approximately 40 % pyrrhotite (and pyrite).
- | | |
|---------------|--------------|
| Au - 190 ppb | Ag - 5.1 ppm |
| As - 3915 ppm | Cu - 272 ppm |
| Co - 67 ppm | |
- D-96-106 Chip - approximately 3 inches thick. From stringer of sub-massive to disseminated sulfide (mostly pyrrhotite). Sample approximately 20 % sulfide.
- | | |
|--------------|--------------|
| Au - 38 ppb | Ag - 1.8 ppm |
| As - 440 ppm | Cu - 109 ppm |
| Co - 20 ppm | |
- D-96-107 Grab - from rotten limonite overlying massive and sub-massive (hard to acquire) sulfide.
- | | |
|--------------|--------------|
| Au - 23 ppb | Ag - 2.5 ppm |
| As - 653 ppm | Cu - 150 ppm |
| Co - 12 ppm | |
- D-96-108 5500 ft. elevation - andesite with sulfide (pyrite) in filled fractures as well as very minor disseminated sulfide. Total sulfide in sample approximately 5 %.
- D-96-109 4720 ft. elevation - andesite loaded with malachite and azurite (and minor chalcopyrite). From medium to small (approximately 5 x 10 ft with several longer, narrow splays) gossan very rich in copper (no obvious orientation).
- | | |
|--------------|--------------|
| Au - 280 ppb | Ag - 6.5 ppm |
| As - 40 ppm | Cu - 2.84 % |
| Co - 166 ppm | |
- D-96-110 1 ft. uphill from 109 - very sulfide rich blob within gossan (approximately 25 % sulfide). Very rich in chalcopyrite (and some grey/black/silver/shiny sulfide mineral) and minor Cu. carbonate.
- | | |
|---------------|---------------|
| Au - 2080 ppb | Ag - 50.3 ppm |
| As - 62 ppm | Cu - 1.92 % |
| Co - 55 ppm | |
- D-96-111 4 ft. uphill from 110 - similar to 110. Approximately 15 % sulfide.
- | | |
|---------------|---------------|
| Au - 3980 ppb | Ag - 44.3 ppm |
| As - 43 ppm | Cu - 1.76 % |
| Co - 97 ppm | |
- D-96-112 4120 ft. elevation - small gossan surrounding 2 inch thick quartz vein (which trends approximately 245 deg. and dips steeply to the NW). Minor (approximately 4 %) pyrite in both quartz and rusty andesite (very minor chalcopyrite).
- | | |
|----------------|---------------|
| Au - 18850 ppb | Ag - 12.6 ppm |
| As - 35 ppm | Cu - 313 ppm |
| Co - 92 ppm | |

D-96-113 Same as 112 (but grab). Quartz vein exposed from snow for approximately 15 ft. Minor chalcopyrite.

Au - 1650 ppb	Ag - 10.6 ppm
As - 53 ppm	Cu - 551 ppm
Co - 82 ppm	

Trench 118 (samples 114-118)

D-96-114 Very chlorite (mainly green) rich rock with minor sericite, some manganese and limonite. < 1 % pyrite (very small blebs and veinlets), slightly rusty, no hematite. Minor quartz veinlets.

Au - 110 ppb	Ag - 0.9 ppm
As - 320 ppm	Cu - 147 ppm
Co - 52 ppm	

D-96-115 Similar to 114 except much richer in iron and very rusty. Approximately 3-4 % pyrite including very small patches of sub-massive sulfide.

Au - 115 ppb	Ag - 1.5 ppm
As - 641 ppm	Cu - 264 ppm
Co - 33 ppm	

D-96-116 1/2 way between 114 and 115 (i.e.) medium rusty and 2-3 % pyrite (otherwise the same as 115).

Au - 59 ppb	Ag - 0.8 ppm
As - 393 ppm	Cu - 152 ppm
Co - 34 ppm	

D-96-117 Hematite rich section (3-5 % (?) hematite). Still chlorite alteration, almost no visible sulfide and very little Fe rust. Little or no magnetite.

Au - 1120 ppb	Ag - 0.3 ppm
As - 24 ppm	Cu - 40 ppm
Co - 34 ppm	

D-96-118 Same as D-96-117.

Trench 119 (Samples D-96-118-123)

D-96-119 Relatively fresh looking (unaltered) andesite (especially for 1st 2 ft.). No visible sulfides (very little rust), minor hematite (approximately 2 %) and limonite.

D-96-120 More chloritic alteration than 119 and a bit more Fe-oxide - eastern edge of 1.5 m section has approximately 5 cm thick rusty zone with pyrite and western edge of section is manganese rich with minor sulfide (overall, approximately 1.5 % sulfide). Minor hematite elsewhere and limonite.

Au - 47 ppb	Ag - 0.7 ppm
As - 215 ppm	Cu - 215 ppm
Co - 25 ppm	

D-96-121 Rock similar to 120 but more Fe rich (and rusty) - substantial pyrite on eastern 1/2 of 1.5 m section (very little on western 1/2). Approximately 4 % sulfide overall, very little hematite, small fracture/shear zone (approximately 3 cm thick) near western edge of 1.5 m section trending 160 deg. and dipping steeply west.

Au - 160 ppb	Ag - 5.1 ppm
As - 641 ppm	Cu - 45 ppm
Co - 27 ppm	

D-96-122 back to hematite "rich", moderately chloritized rock - no sign of magnetite or sulfide. Approximately 3-4 % hematite (and very minor specularite).

Au - 605 ppb	Ag - 0.3 ppm
As - 97 ppm	Cu - 57 ppm
Co - 27 ppm	

D-96-123 Similar rock as 122, but only approximately 2 % hematite and very little sulfide. Ends on major shear zone (seems to become kink fold higher up ?) which trends approximately 194 deg. and steep dip to west.

D-96-124 4020 ft. elevation - Float - very rusty boulder rich in copper. Pyrite, lots of chalcopyrite and some malachite - approximately 15 % sulfides overall with most of remainder consisting of quartz (hard to tell if glacial dump or slope talus).

Au - 2020 ppb	Ag - 133.1 ppm
As - 358 ppm	Cu - 7.00 %
Co - 155 ppm	

D-96-125 4025 ft. elevation - approximately 20 m ESE of 124 near major creek. A pyrite rich (approximately 15 %) boulder (not much copper this time).

Au - 31 ppb	Ag - 1.7 ppm
As - 64 ppm	Cu - 1640 ppm
Co - 29 ppm	

D-96-126 4065 ft. elevation - medium sized gossan (approximately 20 x 30 ft), significant sulfide in/near small quartz vein(lets) - minor sulfide elsewhere. Sample is approximately 10 % sulfide (mostly pyrite) from very poorly exposed quartz vein which trends approximately 20 deg. (or 200 deg.)

Au - 380 ppb	Ag - 7.1 ppm
As - 73 ppm	Cu - 4422 ppm
Co - 102 ppm	

D-96-127 4060 ft. elevation - an approximately 3 cm thick quartz vein trending 200 deg. and dipping steeply NW. Quartz is very vuggy and some of the crystals are very well formed (hexagonal). Contains approximately 10 % sulfide.

Au - 51 ppb	Ag - 0.3 ppm
As - 13 ppm	Cu - 391 ppm
Co - 19 ppm	

D-96-128 4250 ft. elevation - approximately 15 x 25 ft. gossan (patchy), sulfide rich in a few small patches ... minor sulfide elsewhere. Sample approximately 30 % pyrite.

Au - 42 ppb	Ag - 1.6 ppm
As - 10 ppm	Cu - 4909 ppm
Co - 96 ppm	

D-96-129 4210 ft. elevation - lots of sub-massive sulfide (mostly pyrite). Sample is approximately 35 % sulfide.

Au - 36 ppb	Ag - 1.7 ppm
As - 26 ppm	Cu - 7749 ppm
Co - 50 ppm	

D-96-130 4270 ft. elevation - approximately 150 m east of 128 and 129 and just east of A-95-7 to 9. Large area (approximately 40 m x 50 m) of patchy gossan with minor sulfides (approximately 2 % overall) - sample from small rich blob of approximately 25 % pyrite.

Au - 47 ppb	Ag - 0.7 ppm
As - 26 ppm	Cu - 1321 ppm
Co - 26 ppm	

D-96-131 4180 ft. elevation - several very dark purple patches with sulfide rich blobs. Sample approximately 15 % pyrite.

Au - 80 ppb	Ag - 1.4 ppm
As - 18 ppm	Cu - 3426 ppm
Co - 84 ppm	

D-96-132 4320 ft. elevation - several close together sulfide rich blobs in patchy gossan. Some associated with quartz-calcite veins and shear zones trending approximately 210 deg. 132 approximately 15 % pyrite, 133 approximately 30 % pyrite.

Au - 85 ppb	Ag - 16.5 ppm
As - 270 ppm	Cu - 3970 ppm
Co - 104	

D-96-133 Same as D-96-132

Au - 195 ppb	Ag - 6.1 ppm
As - 48 ppm	Cu - 2318 ppm
Co - 114 ppm	

Trench 120 (Samples 134-155)

D-96-134 Hematite rich zone, almost no visible sulfides. 136 - 139 have major fracture (shear plane) trending approximately north. > 5 % hematite throughout. 135, one minor malachite occurrence; 136, lots of malachite (especially in middle of section) and minor pyrite in blast float below. 137 to 139, very minor malachite; 139, particularly rich in hematite

D-96-135 Same as above.

D-96-136 Same as above.

	Au - 80 ppb	Ag - 4.0 ppm
	As - <5 ppm	Cu - 906 ppm
	Co - 16 ppm	
D-96-137	Same as Above.	
D-96-138	Same as above.	
D-96-139	Same as above.	
	Au - 10 ppb	Ag - 3.0 ppm
	As - <5 ppm	Cu - 1053 ppm
	Co - 1 ppm	
D-96-140	< 1 % hematite, almost no visible sulfides. Calcite veins present - minor manganese.	
D-96-141	Same as above.	
D-96-142	Same as above	
D-96-143	< 1 % hematite, one very small blob of pyrite.	
	Au - 160 ppb	Ag - 0.4 ppm
	As - <5 ppm	Cu - 30 ppm
	Co - 22 ppm	
D-96-144	NE 1/2 of section same as 143, SW 1/2 of section is approximately 5 % hematite and approximately 2 % pyrite (several very well formed cubes).	
	Au - 110 ppb	Ag - 0.4 ppm
	As - <5 ppm	Cu - 5 ppm
	Co - 16 ppm	
D-96-145	< 1 % hematite, < 1 % sulfide. Minor manganese.	
D-96-146	Same as above.	
D-96-147	Same as above.	
D-96-148	Same as above.	
	Au - 110 ppb	Ag - <0.2 ppm
	As - <5 ppm	Cu - 3 ppm
	Co - 17 ppm	
D-96-149	< 1 % hematite, approximately 1 % pyrite, very minor Cu carbonate.	
D-96-150	< 1 % hematite, approximately 2-3 % pyrite (esp. in 8 inch thick rusty band trending approximately 320 deg.). Minor Cu carbonate.	
	Au - 130 ppb	Ag - 3.4 ppm
	As - 80 ppm	Cu - 1953 ppm
	Co - 41 ppm	

- D-96-151 Another 8 inch thick rust band with lots of pyrite (trend 320 deg.). Section approximately 3 % sulfide overall.
- | | |
|---------------------|---------------------|
| Au - 290 ppb | Ag - 3.4 ppm |
| As - 465 ppm | Cu - 39 ppm |
| Co - 34 ppm | |
- D-96-152 Chloritic, weakly hematite altered.
- | | |
|---------------------|---------------------|
| Au - 120 ppb | Ag - 0.4 ppm |
| As - 40 ppm | Cu - 34 ppm |
| Co - 22 ppm | |
- D-96-153 Same as above.
- | | |
|---------------------|---------------------|
| Au - 130 ppb | Ag - 3.6 ppm |
| As - <5 ppm | Cu - 146 ppm |
| Co - 23 ppm | |
- D-96-154 Same as above.
- D-96-155 Same as above.
- D-96-156 5500 ft. elevation - argillite with lots of calcite veins and recrystallized calcite (secondary). Minor pyrite throughout and a few small blobs of massive pyrite (from which sample is taken). Sample is approximately 25 % pyrite.
- D-96-157 5700 ft. elevation - very rusty meta-argillite (?) in/near contact with large volcanic breccia (with very large clasts) unit. Minor disseminated sulfide throughout (sample is approximately 3 % sulfide).
- D-96-158 5850 ft. elevation - argillite with several calcite and quartz veins and a few very gossanous shear zone. Sample from 1 to 2 ft thick / 30 ft long rusty shear trending approximately 50 deg. (230 deg.) - sulfide rich in spots, disseminated throughout. Sample approximately 12 % sulfide (pyrite).
- D-96-159 5800 ft. elevation - 3-4 medium sized gossans (approximately 25 ft. square) in meta-argillite. Very little sulfide (average approximately 1 %), rust must be from mafics. Very fine grained and hard to see, sample is approximately 6 % pyrite (very fine grained).
- D-96-160 4350 ft. elevation - approximately 3 ft. downhill from 055. Sub-massive sulfides in very gossanous and decomposed rock (049 to 055 all ran in gold). Needs to be blasted. Quartz/calcite approximately 50:50 (sulfides only disseminated in places).
- | | |
|-----------------------|---------------------|
| Au - 0.477 opt | Ag - 6.6 ppm |
| As - 1110 ppm | Cu - 84 ppm |
| Co - 45 ppm | |
- D-96-161 4450 ft. elevation - on sub-vertical slope in very rusty spot with approximately 10 % visible sulfides (probably more, but turned to limonite). A few very small stringers of massive sulfide.
- | | |
|----------------------|---------------------|
| Au - 0.08 opt | Ag - 5.8 ppm |
| As - 5.05 % | Cu - 540 ppm |

- Co - 0.08 %**
- D-96-162 4320 ft. elevation - a gossanous patch (very light colored felsic dyke/intrusion) with lots of copper surface and fractures stained with lots of malachite and azurite. Approximately 4 % chalcopyrite and minor pyrite on fresh surfaces.
- Au - 0.172 opt Ag - 4.6 ppm**
As - 185 ppm Cu - 3329 ppm
Co - 15 ppm
- D-96-163 4370 ft. elevation - medium size dark purple gossan with small blobs and veinlets of sub-massive sulfide. Sample is approximately 20 % sulfide.
- Au - 0.288 opt Ag - 3.8 ppm**
As - 2.56 % Cu - 1106 ppm
Co - 46 ppm
- D-96-164 4440 ft. elevation - pod (blob) of massive and sub-massive sulfide with minor malachite/azurite (getting close to large creek). Sample is approximately 30 % sulfide.
- Au - 0.125 opt Ag - 9.0 ppm**
As - 665 ppm Cu - 1713 ppm
Co - 15 ppm
- D-96-165 4430 ft. elevation - elongate gossan (approximately 10 ft. x 2 ft.) with > 3 ft. of massive pyrite and arsenopyrite (thickness variable). Sample approximately 60 % sulfide, both quartz and calcite associated, very high specific gravity.
- Au - 0.425 opt Ag - 6.0 ppm**
As - 5.08 % Cu - 719 ppm
Co - 110 ppm
- D-96-166 4370 ft. elevation - lots of gossanous crystals and sulfides but later usually very hard to get at. Sample is approximately 10 % sulfide.
- Au - 0.486 opt Ag - 16.6 ppm**
As - 1330 ppm Cu - 3166 ppm
Co - 24 ppm
- D-96-167 4400 ft. elevation - pod of approximately 20 % sulfide. Rusty gossans abundant, sulfides (pyrite) intermixed with calcite.
- Au - 0.486 opt Ag - 16.6 ppm**
As - 1330 ppm Cu - 1022 ppm
Co - 24 ppm
- D-96-168 4360 ft. elevation - from NW end of zone and is approximately 20 % sulfide with lots of malachite and azurite as well as lots of quartz and calcite. Rock very limonitic (weathered and leached).
- Au - 0.288 opt Ag - 0.85 opt**
As - 1.37 % Cu - 8634 ppm
Co - 46 ppm

Trench 127 (Samples 169-174)

D-96-169 All samples consist of moderately altered chlorite and sericite volcanic rock (andesite). All six samples contain pyrite - between 1 % and 3 % per sample. Very little sign of chalcopyrite or Cu carbonate. Only one very minor sign of hematite - a 4 inch thick band in sample 172 with approximately 1 % hematite. 169 and 174 are very fresh rock, others are somewhat rusty and fractured.

Au - 90 ppb	Ag - 7.6 ppm
As - 160 ppm	Cu - 312 ppm
Co - 41 ppm	

D-96-170 Same as above.

Au - 115 ppb	Ag - 11.0 ppm
As - 205 ppm	Cu - 191 ppm
Co - 35 ppm	

D-96-171 Same as above.

Au - 130 ppb	Ag - 11.8 ppm
As - 160 ppm	Cu - 196 ppm
Co - 30 ppm	

D-96-172 Same as above.

Au - 110 ppb	Ag - 9.0 ppm
As - 190 ppm	Cu - 280 ppm
Co - 34 ppm	

D-96-173 Same as above.

Au - 125 ppb	Ag - 6.8 ppm
As - 130 ppm	Cu - 254 ppm
Co - 34 ppm	

D-96-174 Same as above.

Au - 155 ppb	Ag - 3.2 ppm
As - 105 ppm	Cu - 318 ppm
Co - 38 ppm	

D-96-175 Just above contact of dacitic (?) "country rock" with massive/sub-massive sulfide zone of samples D-96-049 to 054. Still approximately 4 % sulfides (disseminated and veinlets) and minor malachite - rock relatively unaltered.

Au - 105 ppb	Ag - <0.2 ppm
As - 220 ppm	Cu - 318 ppm
Co - 38 ppm	

D-96-176 Approximately 8 ft. uphill from 175. Further from zone, but still approximately 1-2 % sulfide.

D-96-177 to

D-96-180

Zone is approximately on par with original discovery zone from July 7/96, but more weathered and limonitic and gossanous, and harder to access. Calcite -- quartz ratio is approximately 70:30 with sulfides approximately equally abundant in both.

Sample 177 - decomposed and leached, approximately 10 % sulfide, significant Cu carbonate.

Au - 0.404 opt	Ag - 0.087 opt
As - 4.32 %	Cu - 5691 ppm
Co - 79 ppm	

Sample 178 - decomposed and leached, approximately 10 % sulfide, significant Cu carbonate, especially in "rotten" rock.

Au - 0.639 opt	Ag - 1.18 opt
As - 4.13 %	Cu - 9091 ppm
Co - 41 ppm	

Sample 179 - approximately 20 % sulfides, lots of malachite and azurite.

Au - 0.410 opt	Ag - 1.23 opt
As - 1.01 %	Cu - 1.43 %
Co - 25 ppm	

Sample 180 - approximately 35 % sulfide (patches of > 50 %), very leached out on surface, not much Cu carbonate.

Au - 0.643 opt	Ag - 19.6 ppm
As - 1110 ppm	Cu - 388 ppm
Co - 12 ppm	

D-96-181

Approximately 40 % sulfides (pyrite), surrounded by calcite (very little quartz), thick zone of sub-massive sulfide. Minor Cu carbonate.

Au - 0.392 opt	Ag - 22.0 ppm
As - 7490 ppm	Cu - 4851 ppm
Co - 20 ppm	

D-96-182

Approximately 10 % pyrite in calcite - minor malachite and chalcopryrite.

Au - 0.176 opt	Ag - 6.0 ppm
As - 6540 ppm	Cu - 1676 ppm
Co - 19 ppm	

D-96-183

Approximately 15 % sulfide in somewhat limonitic rock. Minor copper carbonate visible.

Au - 0.234 opt	Ag - 7.2 ppm
As - 1.89 %	Cu - 2742 ppm
Co - 140 ppm	

D-96-184

Approximately 10 % pyrite in relatively un-gossanous and unaltered "country rock". Large visibly cubic crystals surrounded by quartz (no calcite). Some pyrite oxidized red.

Au - 65 ppb	Ag - 1.0 ppm
-------------	--------------

As - 395 ppm
Co - 15 ppm

Cu - 535 ppm

D-96-185

4320 ft. elevation - a thin zone vein of sub-massive sulfide with remainder mostly quartz. Approximately 3 inches thick and dipping very steeply into mountain. Trends approximately 290 deg. - approximately 5 ft. long (visible sulfides) but minor blobs present further along same fracture/fault. Sample right on east edge of smaller of 2 creeks - blobs of minor sulfide and malachite present below vein. Fracture/quartz/CaCo₃ vein can be traced for a long distance (approximately 15 m).

Au - 0.677 opt
As - 4380 ppm
Co - 106 ppm

Ag - 25.6 ppm
Cu - 1034 ppm

D-96-186

Reappearance of substantial massive/sub-massive sulfides (approximately 1/2 between 2 creeks) along same vein system as 085 (similar orientation). Visible for approximately 8 ft and approximately 5 inches thick (and again several smaller blobs blow main vein). Sample approximately 35 % sulfide.

Au - 0.144 opt
As - 6.65 %
Co - 0.199 %

Ag - 1.04 opt
Cu - 7714 ppm

- D-96-187 4330 ft. elevation - approximately 20 % sulfide (disseminated and veinlets). Some euhedral (cubic) and reddish pyrite crystals (like 184). Sulfide in carbonate altered "country" rock (as opposed to vein).
- | | |
|----------------|---------------|
| Au - 0.180 opt | Ag - 14.6 ppm |
| As - 4680 ppm | Cu - 4562 ppm |
| Co - 59 ppm | |
- D-96-188 Sulfide vein of varied thickness and at least 10 ft. long (average approximately 4 inches thick). Approximately 30 % sulfide and minor malachite. Both quartz and calcite associated.
- | | |
|----------------|---------------|
| Au - 0.425 opt | Ag - 14.2 ppm |
| As - 4345 ppm | Cu - 1505 ppm |
| Co - 41 ppm | |
- D-96-189 Just down from 188 (still right beside major creek). Large pod of approximately 35 % sulfide in quartz (very little CaCo3).
- | | |
|----------------|--------------|
| Au - 0.134 opt | Ag - 2.6 ppm |
| As - 1590 ppm | Cu - 359 ppm |
| Co - 83 ppm | |
- D-96-190 Massive sulfide (approximately 50 % sulfide) veins and horizontal sheets (splays?). Mostly calcite, but some quartz associated. Surrounding carbonaceous "wall rock" also frequently contains sulfide (similar to 187). "Vein" trends at least 12 ft and is of varied thickness (hard to tell due to sub-horizontal sheets of sulfides)- substantial chalcopyrite in spots.
- | | |
|----------------|---------------|
| Au - 0.769 opt | Ag - 19.0 ppm |
| As - 1730 ppm | Cu - 5496 ppm |
| Co - 39 ppm | |
- D-96-191 Approximately 30 ft. downhill from 189; several small vein lenses of massive sulfide. Sample is approximately 45 % sulfide. Carbonaceous "wall rock" contains disseminated and veinlet sulfide again.
- | | |
|----------------|--------------|
| Au - 0.246 opt | Ag - 4.8 ppm |
| As - 480 ppm | Cu - 520 ppm |
| Co - 30 ppm | |
- D-96-192 4405 ft. elevation - several small pods and blobs and veinlets of sub-massive sulfide. Sample is approximately 25 % sulfide with most of rest being quartz (no much calcite). Near next creek (approaching cliffs).
- | | |
|----------------|--------------|
| Au - 0.161 opt | Ag - 4.4 ppm |
| As - 3.17 % | Cu - 937 ppm |
| Co - 114 ppm | |
- D-96-193 4325 ft. elevation - near edge of gorge which precedes cliff. Large gossanous area but only minor massive sulfide. Sample is approximately 15 % sulfide.
- | | |
|----------------|--------------|
| Au - 0.081 opt | Ag - 6.0 ppm |
|----------------|--------------|

Au - 10 ppb Ag - 4.6 ppm
As - 55 ppm Cu - 999 ppm
Co - 17 ppm

D-96-202 Same as above.

Au - 5 ppb Ag - 5.2 ppm
As - 100 ppm Cu - 958 ppm
Co - 25 ppm

D-96-203 Taken from two small patches (approximately 1.5 feet square each) of sub-massive sulfides. Occurs in CaCo₃ veins.

Au - 80ppb Ag - 7.4 ppm
As - 335 ppm Cu - 373 ppm
Co - 172 ppm

D-96-204 Same as above.

Au - 65ppb Ag - 2.8 ppm
As - 265 ppm Cu - 59 ppm
Co - 58 ppm

D-96-205 Chip samples - almost barren rock - very minor disseminated pyrite and a few tiny blobs of massive pyrite. Very gossanous and very sheared in places.

D-96-206 Same as above.

D-96-207 5480 ft. elevation - a sulfide/calcite (and quartz) vein which trends approximately 260 deg., dips approximately 50 deg. north, and splays. 207 is from before splay where vein is approximately 10 inches thick. Sample is approximately 35 % sulfide (mostly pyrite).

Au - 90ppb Ag - 1.0 ppm
As - 470 ppm Cu - 43 ppm
Co - 24 ppm

D-96-208 Just uphill (approximately 12 feet) from 207 along same zone, but on a 4 inch thick splay. Approximately 25 % sulfide (mostly pyrite).

Au - 35ppb Ag - 0.6 ppm
As - 365 ppm Cu - 21 ppm
Co - 36 ppm

D-96-209 5480 ft. elevation - approximately 75 feet toward camp from 208. Another calcite (and quartz)/sulfide vein trending approximately 240 deg. with steep dip to north. Sample is approximately 35 % sulfide.

Au - 95ppb Ag - 0.2 ppm
As - 425 ppm Cu - 67 ppm
Co - 25 ppm

- D-96-210 Approximately 15 feet up vein from 209 - sample approximately 25 % pyrite. Approximately 100 feet further toward camp is A-96-177 (near big but boring gossan). Same rock type as 205 and 206.
- Au - 80ppb Ag - 0.4 ppm
As - 590 ppm Cu - 52 ppm
Co - 38 ppm
- D-96-211 From steep hematite cliff just NNW of fly camp at approximately 4500 feet elevation. Very hematite rich in places (including sample), almost a bright red color. Looks very sheared with numerous large and very elongated (oval shaped) clasts orientated parallel to shear direction. Non-reddish rock beside hematite zones is probably andesite and is much less sheared (but still altered). Hematite in places looks like conglomerate and float is often layered.
- D-96-212 From small (approximately 2 feet square) showing of quartz and calcite right beside 211 where bright red rock fades to grey.
- D-96-213 Float (but fell from veins in hematite cliffs above). Boulders of almost pure quartz (no visible sulfides).
- D-96-214 20 feet east of 211 (toward snow); small, partly exposed rusty out crop with significant hematite and minor pyrite.
- Au - 10ppb Ag - 0.4 ppm
As - 175 ppm Cu - 5 ppm
Co - 19 ppm
- D-96-215 Getting near hill top; reappearance of hematite rich rock (but only a thin band of it). Also significant manganese. Reappears again, higher up and looks very sedimentary.
- D-96-216 Very near hill top, more sedimentary looking hematite.
- D-96-217 Near major volcanic/argillite (?) contact. Often very gossanous and bleached meta-argillite with minor pyrite along quartz veinlets and disseminated (sample). Very bleached dykes (?) also present.
- D-96-218 Back near above contact, severe argillite shearing; sample from chewed up quartz vein which trends approximately parallel to contact (in this spot) and shearing (i.e.) approximately 340 deg.
- D-96-219 Very rusty rock (probably volcanic tuff or breccia (?)) taken from gossanous zone along edge of snow on mini ice sheet. No visible sulfides, minor quartz. Contact with argillite disappears under ice sheet.
- D-96-220 Sample from west side of ridge (view of river gorge and ocean). More rock very rich in hematite (several such patches in area).
- D-96-221 More hematite from a relatively fine grained zone of very hematite rich rock within a spectacular (and very visible) breccia with fragments up to 3 feet diameter and hematite forming the matrix.
- D-96-222 4680 ft. elevation - sample from a small pod of felsic intrusive (with mafic phenocrysts) rock within big system of meta-argillite and quartz/CaCo3 veins and veinlets. General

trend approximately 330 deg.; small pods of limestone in system, sample contains approximately 7 % sulfide (both disseminated and along fractures).

Au - 225 ppb Ag - 2.4 ppm
As - 450 ppm Cu - 52 ppm
Co - 31 ppm

D-96-223 4690 ft. elevation - major quartz/calcite (approximately 50/50) vein in meta-argillite and 1st (minor andesitic (?) intrusive nearby) trending 330 deg. Minor sulfides in places (sample approximately 4 %). Quartz and calcite clearly distinguishable here and lots of well formed crystals, recrystallized in places.

Au - 110 ppb Ag - 3.0 ppm
As - 130 ppm Cu - 27 ppm
Co - 7 ppm

D-96-224 4860 ft. elevation - approximately 12 % pyrite in argillite and quartz/CaCo₃ veins - disseminated and veinlets. Pyrite all over the place, argillite almost like coal in places.

Au - 70 ppb Ag - 2.8 ppm
As - 140 ppm Cu - 62 ppm
Co - 15 ppm

D-96-225 4540 ft. elevation - sample from very gossanous volcanic (andesitic) breccia with minor very fine grained sulfides (approximately 5 %).

D-96-226 4660 ft. elevation - dark purple and very rusty andesite but only approximately 4 % visible sulfides (at upper extreme of gossan now).

D-96-227 4660 ft. elevation - smaller very rusty gossan just off main one (SSW of 226). Sample is approximately 10 % fine grained sulfide.

D-96-228 4380 ft. elevation - short distance south of MM 63 and RJM 33 and very close to RJM 34. Quartz (very minor CaCo₃) and sulfide vein or blob (approximately 6 feet quartz visible). Approximately 15 % sulfide.

D-96-229 A 0.75 meter wide showing of quartz with very minor CaCo₃ and siliceous andesite in section. Both quartz and surrounding andesite rich in pyrite (approximately 7 % sulfide overall). Sulfides disseminated and in veinlets (0.375 meters of andesite on both sides of quartz).

D-96-230 and
D-96-232 No significant quartz (or CaCo₃) veins but still significant sulfide; approximately 5 % in 230 and approximately 2 % in 232 - very chloritized andesite.

Au - ppb Ag - ppm
As - ppm Cu - ppm
Co - ppm

D-96-231 Minor, 2 inch thick quartz/CaCo₃ vein in middle of section - lots of chloritization and manganese, approximately 3 % sulfide (often very fine grained).

- D-96-233 Small 2 inch thick quartz/CaCo₃ vein near SW edge of section. Very chloritic, approximately 2 % sulfide.
- D-96-234 4 inch thick quartz and CaCo₃ vein near SW extreme of section. Very chloritic, approximately 2 % sulfide.
- D-96-235 Chloritic (and sericitic) andesite with approximately 7 % sulfide (pyrite) (and axinite (?)) - purple color).
- D-96-236 Same as 235 but only approximately 5 % sulfide and less axinite (?).
- D-96-237 and
D-96-238 Chloritic (and sericitic) andesite with approximately 4 % sulfide (pyrite).
- D-96-239 Starting to see minor argillite now mixed in with chlorite (and sericite) andesite (approximately 10 % argillite with most at SW edge of section). Approximately 3 % pyrite.
- D-96-240 Now approximately 15 % argillite bands or pods in andesite, approximately 2 % pyrite.
- D-96-241 Now approximately 60 % argillite, very near contact - down to about 1 % sulfide now.
- D-96-242 Chloritic andesite with a 5 inch thick quartz/calcite/pyrite rich zone at north end of section (approximately 10 % pyrite), but only approximately 1 % pyrite elsewhere. Very minor hematite.
- | | |
|-------------|-------------|
| Au - 90ppb | Ag - 1.4ppm |
| As - 220ppm | Cu - 142ppm |
| Co - 24ppm | |
- D-96-243 Chloritic andesite with approximately 1 % pyrite, significant hematite now.
- D-96-244 Substantial hematite now, saw 1 tiny speck of malachite. Very little sulfide (< 1%).
- D-96-245 Very hematite rich, less than 1 % pyrite - one small patch of quartz/CaCo₃.
- | | |
|-------------|-------------|
| Au - 175ppb | Ag - 0.2ppm |
| As - 960ppm | Cu - 203ppm |
| Co - 61ppm | |
- D-96-246 Very hematite rich, massive and leached out hematite in spots. Very small showing of malachite, less than 1 % pyrite.
- | | |
|-------------|--------------|
| Au - 150ppb | Ag - <0.2ppm |
| As - 390ppm | Cu - 199ppm |
| Co - 77ppm | |
- D-96-247 In unit visibly rusty from distance - platy/sheety micaceous (sericitic ?) texture with minor black chlorite and several small gobs of dark green epidote (and black biotite). Sheety texture trends approximately 290 deg. (same as in/near camp); less than 1 % fine grained disseminated pyrite. Quartz present throughout, especially lower 1/2 of section as contact nears.

- D-96-248 Upper 1/3 of section same as 247 - remainder consists of volcanic rock (andesite ?) that has been violently intruded by quartz (almost no CaCO₃). Much less gossanous than higher unit, sample is at least 50 % quartz. Sample is approximately 2 % fine grained sulfide with most of it occurring in the non-quartz, darker material.
- D-96-249 Sample is approximately 40 % quartz and only about 1 % sulfide. Quartz veins in rock are of all shapes and sizes and are erratically orientated; non-quartz rock looks somewhat chloritic.
- D-96-250 Sample approximately 35 % quartz and 1 % sulfide; non-quartz rock somewhat chloritic and sericitic. Quartz veins crystalline in spots due to leaching out.
- D-96-251 Sample less than 50 % quartz and about 1.5 % sulfide (in non-quartz rock). Chlorite and clasts of andesite (breccia ?) elsewhere.
- D-96-252 Approximately 35 % quartz, approximately 2 % fine grained sulfide.
- | | |
|-------------|-------------|
| Au - 115ppb | Ag - 1.6ppm |
| As - 100ppm | Cu - 158ppm |
| Co - 112ppm | |
- D-96-253 Contact between very quartz rich unit and relatively plain (but still siliceous); approximately 265 deg. (steep dip to north). Upper 1/2 of section (= > 50 % quartz) and only approximately < 1 % pyrite. Lower 1/2 has disseminations and a couple of blobs (approximately 5 inches square each) of sub-massive, sulfide (approximately 5 % overall).
- | | |
|-------------|-------------|
| Au - 160ppb | Ag - 3.8ppm |
| As - 255ppm | Cu - 195ppm |
| Co - 27ppm | |
- D-96-254 Chloritic (and sericitic) andesitic (?) rock with still minor quartz veins and silicification. Approximately 2-3 % disseminated sulfide.
- | | |
|-------------|-------------|
| Au - 15ppb | Ag - 0.6ppm |
| As - 110ppm | Cu - 204ppm |
| Co - 32ppm | |
- D-96-255 Upper 1/2 of section is approximately 80 % quartz and approximately 1 % sulfide. Lower 1/2 is siliceous (and chloritic) andesite (?) with a few clasts of argillite from overlying argillite unit; still quartz rich and approximately 1.5 % sulfide.
- D-96-256 Same as lower 1/2 of 255; quite siliceous and very sheety texture with lenses and pod of pure quartz within sheets. A couple of very small sulfide rich lenses (approximately 1.5 % sulfide overall).
- D-96-257 Very large clast (?) of almost pure quartz at edge of sample section - sample approximately 45 % quartz. Soft, black, chlorite and mica rich section within quartz rich zones. Only approximately 1 % sulfide visible, not as sheety this time.
- | | |
|-------------|-------------|
| Au - 315ppb | Ag - 0.4ppm |
| As - 45ppm | Cu - 79ppm |
| Co - 16ppm | |

- D-96-258 Approximately 25 % quartz with chloritic and sericitic altered andesitic rock.
Approximately 1.5 % sulfide.
- | | |
|-------------|-------------|
| Au - 95ppb | Ag - 0.6ppm |
| As - 250ppm | Cu - 101ppm |
| Co - 15ppm | |
- D-96-259 Lots of sericitic/chloritic (black chlorite) alteration with only approximately 10 % quartz. Bottom of section = end of rusty unit. Often very soft and ground up; almost no visible sulfides (< 1%).
- D-96-260 In lower, non-rusty unit now - CaCO₃ now present as well as quartz (but much less quartz than above), chloritic and sericite altered andesite (?). < 1 % visible sulfides.
- D-96-261 Same as 260 - rock very carbonaceous now; probably more CaCO₃ than quartz - a couple of small "gobs" of pyrite (approximately 1.5 % overall).
- D-96-262 Same as 259 and 260 - texture looks very chloritic and micaceous. One pyrite rich gob at bottom of section (approximately 1.5 % overall).
- D-96-263 Same as above - approximately 1 % pyrite.
- D-96-264 Very calcareous and somewhat chloritic carbonaceous dacite/andesite (?). Very minor malachite. No rust stains. Very minor quartz.
- D-96-265 Extremely carbonaceous, both in form of calcite vein (lets) + "disseminated" throughout. Minor disseminated and small blobs of sulphide (pyrite) throughout (~2%-3% sulphide) including very minor chalcopyrite. Several small gossanous patches on edges of trench with substantial pyrite.
- D-96-266 Very carbonaceous throughout. Minor disseminated and veinlets of pyrite throughout and several small rusty "gobs" of pyrite rich rock. Approximately 3% sulphide overall.
- D-96-267 Very CaCO₃ rich throughout and mildly rusty (andesite ?) throughout. One ~ 1 inch vein of sub-massive pyrite ± extends for length of section ~ parallel to trench strike. Approximately 2-3% disseminated pyrite elsewhere (minor chalcopyrite)
- D-96-268 Near border with -267 is a faint/vague contact between lighter and slightly darker volcanic rock (now in latter). Still loaded with CaCO₃ and minor SiO₂ and has slight purple tinge therefore contains minor hematite. Only ~ 1% visible sulphides.
- D-96-269 Back into regular, non-hematitic, andesite (?). Still loaded with CaCO₃. Couple of very small pyrite rich patches. Only ~ 1.5% overall.
- D-96-270 Still very, but slightly less, rich in CaCO₃. Approximately 2% pyrite. Mostly fracture fillings (-not all exposed by blast - very steep).
- | | |
|---------------|-------------|
| Au - 0.036opt | Ag - 0.8ppm |
| As - 40ppm | Cu - 203ppm |
| Co - 30ppm | |

As - 4120 ppm Cu - 655 ppm
Co - 22 ppm

D-96-194 5720 ft. elevation - sulfide rich zone trends approximately 190 deg. with approximately vertical dip. Massive sulfide - mostly pyrite but minor pyrrhotite (and chlorite). Vein/zone occurs in brecciated (?) volcanic tuff - zone approximately 5 inches wide here.

Au - 0.038 opt Ag - 3.0 ppm
As - 8105 ppm Cu - 1429 ppm
Co - 95 ppm

D-96-195 Approximately 4 feet downslope from 194 - sub-massive pyrrhotite with minor pyrite and one large chunk of chalcopyrite. Zone now about 8 inches wide.

Au - 770 ppb Ag - 1.2 ppm
As - 1400 ppm Cu - 1032 ppm
Co - 33 ppm

D-96-196 Approximately 7 feet down from 195 - disseminated to sub-massive pyrite and pyrrhotite. Zone width indistinct but rusty for approximately 3 feet.

Au - 0.067 opt Ag - 1.8 ppm
As - 6.55 % Cu - 473 ppm
Co - 0.041%

D-96-197 5880 ft. elevation - large CaCo₃ vein (up to 18 inches thick) in black tuff (?). Vein trend 215 deg. with steep (approximately 75 deg.) dip to NW - minor chalcopyrite (and pyrite) in vein (pyrrhotite also present in vein a short distance down slope).

Au - 15 ppb Ag - 7.8 ppm
As - 115 ppm Cu - 3018 ppm
Co - 12 ppm

D-96-198 Approximately 20 feet west of 197 in a very rusty patch. Lots of disseminated pyrite (and pyrrhotite and chalcopyrite) in black tuff (rock almost looks like argillite).

Au - 30 ppb Ag - 0.2 ppm
As - 80 ppm Cu - 811 ppm
Co - 55 ppm

D-96-199 5500 ft. elevation - large, very carbonaceous gossanous area with several calcite veins and shears. Samples contain minor to significant sulfides (up to 20 % in localized spots).

Au - 5 ppb Ag - 3.4 ppm
As - 260 ppm Cu - 483 ppm
Co - 35 ppm

D-96-200 Same as above.

D-96-201 Same as above.

- D-96-271 End of extremely steep section. Rock now more fractured, weathered and slightly more gossanous. Still lots of CaCO₃ and minor quartz. Only ~ 1.5% visible sulphides. A very rusty and limonitic patch near bottom of section. Rotten pyrite.
- | | |
|-------------|-------------|
| Au - 770ppb | Ag - 0.4ppm |
| As - 330ppm | Cu - 83ppm |
| Co - 23ppm | |
- D-96-272 Somewhat less CaCO₃ rich now with relative quartz content increasing. Minor sulphides disseminated and in a couple of small rusty pods (~ 1.5% overall).
- D-96-273 Faint/vague contact/shear zone at border with -272. Only relatively minor CaCO₃ now. Only ~ 1% sulphide. Minor blobs/patches of hematite.
- D-96-274 Moderate amount of CaCO₃ Mildly rusty throughout. Only ~ 1% sulphide.
- | | |
|-------------|-------------|
| Au - 10ppb | Ag - 1.0ppm |
| As - 140ppm | Cu - 250ppm |
| Co - 20ppm | |
- D-96-275 Still significant CaCO₃ Nearby are oval shaped rusty pods of "siliceous CaCO₃" as well as more pure quartz veins therefore quartz to CaCO₃ ratio increasing (?). Also several very small sulphide-rich pods nearby. Sample only ~ 1.5% pyrite.
- | | |
|-------------|-------------|
| Au - 5ppb | Ag - 1.6ppm |
| As - 190ppm | Cu - 185ppm |
| Co - 22ppm | |
- D-96-276 Northern 0.33 meter of section is green colored chloritic rock but no hematite - then contact with hematite zone trending approximately 295 deg. Very rich in hematite and chlorite and minor quartz and calcite; very small patches of sulfide (pyrite) rich rock (approximately 2 % overall). Stringers of almost violet colored hematite. Hematite much less visible once rock dries.
- D-96-277 and D-96-278 Same as 276, but slightly less hematite, and very little sulfide (< 1 %).
- D-96-279 Contact between very hematite rich zone (N 1/2 of section) and almost hematite barren rock (south 1/2). New zone mostly green and black (chloritic), < 1 % sulfide in both rock types, one tiny malachite showing.
- D-96-280 Northern 2/3 rds of section is more of green/black rock with minor quartz and 1 % pyrite. Southern 1/3 rd is very gossanous and sulfide rich (approximately 12 % pyrite) as well as one 2 inch square face covered in native copper (looks like a localized patch however).
- D-96-281 More chloritic green/black rock with approximately 1.5 % sulfide.
- D-96-282 Same rock as 281 - northern 3/4 of section approximately 1.5 % sulfide, southern 1/4 is sulfide rich (approximately 8 % pyrite and chalcopyrite and Cu CaCo3).

D-96-283 Northern 1/4 (like southern 1/4 of 282) sulfide rich (approximately 8 % pyrite and chalcopyrite and significant azurite/malachite?. Rest of section only approximately 1.5 % sulfide.

D-96-284 Same rock with approximately 1.5 % pyrite.

D-96-285 Same rock with approximately < 1 % pyrite.

D-96-286 Almost whole length of section very gossanous and hard to tell percent of sulfides. Lots of pyrite and arsenopyrite. Gossanous zone vague continuity.

Au - 180ppb	Ag - 1.4ppm
As - 4600ppm	Cu - 296ppm
Co - 167ppm	

D-96-287 Approximately 1.5 % sulfide in chloritic andesite.

Au - 130ppb	Ag - 3.0ppm
As - 245ppm	Cu - 913ppm
Co - 26ppm	

D-96-288 1 foot thick very gossanous (decomposed) zone in middle of section. Approximately 3 % sulfides (hard to tell), manganese rich.

Au - 0.036opt	Ag - 0.8ppm
As - 2.04%	Cu - 156ppm
Co - 0.140%	

D-96-289 Very chloritic rock with approximately 4 % sulfides, almost barren (of sulfide) quartz vein (5 inches thick) in middle of section. Fairly gossanous.

Au - 130ppb	Ag - <0.2ppm
As - 1285ppm	Cu - 326ppm
Co - 81ppm	

D-96-290 South 1/2 of section if fresh rock with approximately 3 % sulfides. North 1/2 is very gossanous with approximately 15 % sulfides and minor malachite.

Au - 0.073opt	Ag - 1.4ppm
As - 5515ppm	Cu - 2145ppm
Co - 0.068%ppm	

D-96-291 Mostly fresh blast rock with several veins and pods of massive and sub-massive pyrite and lesser amounts of arsenopyrite. Sample is approximately 15 % sulfide with minor quartz.

Au - 2.22opt	Ag - 13.2ppm
As - 1.25%	Cu - 448ppm
Co - 0.067%	

D-96-292 Rusty, gossanous and somewhat decomposed rock (Andesite(?)) with a shistose appearance. Minor pyrite in places (~1.5% sulphide overall).

Au - 5ppb Ag - 2.8ppm
As - 210ppm Cu - 124ppm
Co - 26ppm

- D-96-293 A 0.6m thick section of hematite-rich rock (~40% of rock is a red/purple color). Almost no sulphides. Rest of rock chlorite-rich.
- D-96-294 Almost no hematite. NE 2/3rds of section only ~1% pyrite but SW 1/3 is ~3% disseminated. sulphide. Z x 1cm thick quartz (\pm CaCO₃). Veins in south western 1/2 of section.
- D-96-295 A 0.75m thick rusty zone in middle of section that is very sulphide (mostly pyrite) rich (~10% sulphide). The northern 0.375m of section not gossionous but still ~ 4% pyrite. South western 0.375m of section only ~ 1% pyrite.
- D-96-296 The north eastern 0.375m has ~ 2% pyrite \pm chalcopyrite and lots of Azurite and malachite in spots. Elsewhere only ~ 1% sulphide and minor blobs of hematite.
- Au - 5ppb Ag - 2.4ppm
 As - <5ppm Cu - 804ppm
 Co - 33ppm
- D-96-297 Interminated, minor and patchy occurrences of both sulphide and hematite in andesite.
- D-96-298 Numerous small and squiggly quartz (\pm calcite) veins and blobs throughout andesite (?) rock. Patches of significant azurite/malachite and pyrite (~ 1.5%) throughout. Very minor hematite.
- Au - 10ppb Ag - 1.8ppm
 As - <5ppm Cu - 404ppm
 Co - 46ppm
- D-96-299 Very chloritic rock with manganese present. Only minor quartz. Minor Cu-CaCO₃. Only minor sulphide (~1%) but for last 6 inches bordering on -300 where there is ~5% pyrite.
- D-96-300 First 6 inches (bordering on -299 are sub-massive and heavily disseminated pyrite. Very minor sulphide, CuCaCO₃ and quartz elsewhere (~ 1.5% sulphide). Very rusty (with manganese), but only on surface.
- D-96-301 Very "chewed up" shear zone -0.7m thick and trending 320°. Contains ~ 1.5% visible sulphide and significant malachite/azurite.
- D-96-302 Squiggly quartz (\pm CuCaCO₃) veins throughout. Minor sulphides (~ 1.5%) usually in form of large pyrite cubes. Minor hematite.
- D-96-303 Quartz veins, especially on north east 1/2 of section. South western 0.375m of section full of purple rock rich in both hematite and pyrite (~4%). Only minor sulphide elsewhere.
- D-96-304 More hematite on border with -303 (very little elsewhere). Minor sulfide throughout (~1.5%). Quartz veins throughout.

- D-96-305 But for minor quartz/CaCO₃ veins, section is all dark purple + therefore is very rich in hematite. Remainder = green, chloritic minerals. Almost no sulphides (visible).
- D-96-306 Green, chloritic rock. Very sheared, especially at border with No.307 (some shear zone as No.301). Still trends 320°. Approximately 1% sulphide. Very little hematite.
- D-96-307 Rock is ~ 40% purple, therefore lots of hematite. Minor quartz/calcite. Approximately 1% sulphide and minor malachite.
- D-96-308 North eastern 2/3rds of section is ~ 70% dark purple with minor quartz and CaCO₃ therefore full of hematite. Very minor sulphide (~1%). But lots of malachite, especially on contact between hematite rich and hematite barren (to the south west) stuff. (Sulphide minor on both sides of contact). Very clean contact.
- | | |
|------------|-------------|
| Au - 30ppb | Ag - 1.0ppm |
| As - <5ppm | Cu - 730ppm |
| Co - 21ppm | |
- D-96-309 Chlorite andesite with quartz/calcite plus ~ 1% sulphides.
- | | |
|-------------|--------------|
| Au - 205ppb | Ag - <0.2ppm |
| As - <5ppm | Cu - 51ppm |
| Co - 16ppm | |
- D-96-310 Chloritic andesite with ~ 2-3% sulphide (+ quartz/CaCO₃). Especially pyrite rich in final 0.5m of trench - gossanous stuff.
- D-96-311 Fresh surfaces scarce. Still carbonaceous with minor quartz. Only ~ 1% visible sulphide (but for 1 small pod of massive sulphide).
- D-96-312 Almost no fresh surfaces. Rock looks "decomposed". Minor manganese and still significant CaCO₃. Problem: ~ 1.5% pyrite.
- D-96-313 1 inch thick very rusty "Zone" 2 1/3 of way down section plus approximately perpendicular to trench - almost like limonite. 2/3 of way down is another "blob" rich in manganese and sulphide. Rest of section same as -312. Therefore ~ 2-3% sulphide overall.
- | | |
|-------------|-------------|
| Au - 305ppb | Ag - 1.8ppm |
| As - 825ppm | Cu - 113ppm |
| Co - 21ppm | |
- D-96-314 Still carbonaceous. A very rich (in sulphides) layer (~ 8 inches thick, including ~ 2 inches of massive sulphide) goes through middle of section. Disseminated sulphide elsewhere. Sample ~ 6% pyrite overall. (* Now in area where samples 0—47 + -048 were taken).
- | | |
|-------------|-------------|
| Au - 345ppb | Ag - 4.6ppm |
| As - 790ppm | Cu - 33ppm |
| Co - 44ppm | |

- D-96-315 Top part of section contains substantial massive sulphide (dark grey and fine grain) (very gossanous). Remainder is disseminated pyrite but for small pod of limonite at bottom of section (~ 6% sulphide overall). Still carbonaceous.
- | | |
|-------------|-------------|
| Au - 310ppb | Ag - 2.8ppm |
| As - 790ppm | Cu - 33ppm |
| Co - 51ppm | |
- *D-96-316 Top 1/3rd of section still gossanous and pyrite rich (+ limonitic). Lower 2/3rds only minor sulphide (~ 4% overall).
- | | |
|-------------|-------------|
| Au - 100ppb | Ag - 1.2ppm |
| As - 395ppm | Cu - 61ppm |
| Co - 35ppm | |
- D-96-317 Moderately carbonaceous andesite/dacite (?) with green and black chlorite. Approximately 2% disseminated pyrite.
- | | |
|-------------|-------------|
| Au - 90ppb | Ag - 0.6ppm |
| As - 140ppm | Cu - 67ppm |
| Co - 27ppm | |
- D-96-318 Rock looks like a tuff (washed clean by stream). Approximately 1.5% pyrite.
- | | |
|----------|----------|
| Au - ppb | Ag - ppm |
| As - ppm | Cu - ppm |
| Co - ppm | |
- D-96-319 Approximately same as -319 with approximately 1.5% pyrite.
- | | |
|----------|----------|
| Au - ppb | Ag - ppm |
| As - ppm | Cu - ppm |
| Co - ppm | |
- D-96-320 Last sample before Zone. Uphill, 2/3rds of section similar to -317-319 with ~ 1/5% pyrite. Downhill 1/3rd increasing quantity of sulphide (~ 4% disseminated).
- | | |
|---------------|-------------|
| Au - 0.086opt | Ag - 0.8ppm |
| As - 290ppm | Cu - 163ppm |
| Co - 20ppm | |
- *D-96-321 "The Zone" Extremely gossanous and limonitic. Minor SiO₂ CaCO₃ where rock not decomposed. * Ranges from massive (~ 70%) to heavily disseminated (~ 8%) in pyrite (± minor arsenopyrite?) + ~ 30% sulphide overall. Some black and green chlorite.
- | | |
|---------------|-------------|
| Au - 0.306opt | Ag - 2.6ppm |
| As - 1840ppm | Cu - 279ppm |
| Co - 95ppm | |
- *Note: 1 meter long from now on.*
- D-96-322 Rock less limonitic and out of main zone (right below it). Upper ½ and especially border with -321 still rich in pyrite however (~ 10% disseminated) with minor

chalcopyrite. Lower ½ only ~ 2% sulphide (gradational decrease from top to bottom). Lots of quartz to CaCO₃ (~ 50:50).

Au - 715ppb Ag - 0.2ppm
As - 150ppm Cu - 93ppm
Co - 27ppm

D-96-323 Only 2% sulphide now. Rock has quartz, CaCO₃ and chlorite and is coarse and equigrained.

D-96-324 Mostly limonite (very rotten sulphide) and big slabs of calcite (often well crystallized). Can still see minor pyrite (massive) in a couple of spots (especially at border with 325).

Au - 0.564opt Ag - 5.4ppm
As - 2800ppm Cu - 1498ppm
Co - 81ppm

D-96-325 Only slightly limonitic. Whole width of section is massive to very heavily disseminated pyrite (± minor arsenopyrite). Probably averages ~ 40% sulphides. Only minor CaCO₃ and quartz.

Au - 0.547opt Ag - 40ppm
As - 1850ppm Cu - 658ppm
Co - 103ppm

D-96-326 Back to substantial quartz and calcite. Like -325, section is ~ 40% sulphides overall, with patches of 80% pyrite. Pyrite is disseminated through wall rock above and below section as well

Au - 0.362opt Ag - 2.4ppm
As - 2205ppm Cu - 451ppm
Co - 117ppm

D-96-327 Same as -326 except only about 25% sulphide overall.

Au - 0.034opt Ag - 0.4ppm
As - 520ppm Cu - 158ppm
Co - 23ppm

D-96-328 Now into rusty, limonitic plus very structurally chewed up "extension" (?) of "zone". Can still see minor pyrite on semi-fresh surfaces.

Au - 0.134opt Ag - 1.2ppm
As - 1390ppm Cu - 176ppm
Co - 100ppm

D-96-329 Same limonite stuff as -328. Found one semi-fresh surface with massive. Found one semi-fresh surface with massive sulphide stringers and blobs.

Au - 0.052 opt Ag - 1.2ppm
As - 835ppm Cu - 340ppm
Co - 51ppm

- D-96-330 Chloritic andesite (black ± green chlorite). Also somewhat carbonaceous with minor calcite stringers. Minor disseminated, and stringers of, pyrite (~ 2% sulphide).
- D-96-331 Similar to -330 but a slightly darker green (green chlorite (?)) and less pyrite (only ~ 1% pyrite visible).
- D-96-332 Chloritic andesite ± quartz/calcite. Rusty "layer" along bottom of trench (probably just close to original surface stuff) with more pyrite than fresh rock. Approximately 2% sulphide/limonite overall).
- D-96-333 Same rock and same rusty lens as -332. Approximately 1.5% sulphide/limonite overall.
- | | |
|-------------|-------------|
| Au - 5ppb | Ag - 3.0ppm |
| As - 115ppm | Cu - 67ppm |
| Co - 22ppm | |
- D-96-334 Lots of pyrite (+ minor chalcopyrite) in both rusty and "fresh" rock (~ 8% sulphide overall). Lots of calcite, including well crystallized calcite and minor quartz. Sulphide often "vugged out" in rusty stuff.
- | | |
|-------------|-------------|
| Au - 5ppb | Ag - 2.6ppm |
| As - 135ppm | Cu - 94ppm |
| Co - 30ppm | |
- D-96-335 Whole trench is quite consistent and very little variation, composed of chloritic andesite with substantial Calcite and quartz. Virtually no hematite (unlike trenches 196 & 197) and generally between 1% and 2% sulfides (mostly Pyrite but minor chalcopyrite and arsenopyrite).
- D-96-336 same as above
- D-96-337 same as above
- D-96-338 Very chloritic andesite with substantial calcite and quartz, virtually no hematite and generally between 1% and 2% sulphides (mostly pyrite but very minor chalcopyrite and arsenopyrite). Quartz and calcite vein (perpendicular to trench) of ~ 6 inch thickness at south west end of section, containing substantial (~ 6%) pyrite and arsenopyrite (sample ~ 3% overall).
- | | |
|-------------|-------------|
| Au - 5ppb | Ag - 0.6ppm |
| As - 360ppm | Cu - 213ppm |
| Co - 53ppm | |
- D - 96 338 Same as D-96-335.
- D-96-340 More pyrite (+ minor arsenopyrite) than most of rest of trench (~ 3% overall).
- | | |
|-------------|--------------|
| Au - 90ppb | Ag - <0.2ppm |
| As - 495ppm | Cu - 213ppm |
| Co - 53ppm | |
- D-96-341 Very chloritic andesite with ~ 2% pyrite (+ very minor arsenopyrite).

- D-96-342 Very similar to -341 but slightly less sulphide.
- | | |
|-------------|-------------|
| Au - 115ppb | Ag - 0.4ppm |
| As - 300ppm | Cu - 352ppm |
| Co - 50ppm | |
- D-96-343 Arsenopyrite Zone (1m thick). Approximately 8% arsenopyrite plus ~ 5% pyrite. Still very chloritic.
- | | |
|---------------|-------------|
| Au - 0.226opt | Ag - 1.0ppm |
| As - 5.53%ppm | Cu - 265ppm |
| Co - 0.458ppm | |
- D-96-343A Still very chloritic and only ~ 1% sulphide.
- | | |
|-------------|--------------|
| Au - 170ppb | Ag - <0.2ppm |
| As - 545ppm | Cu - 139ppm |
| Co - 63ppm | |
- D-96-344 Lots of pyrite (+ minor chalcopyrite) in both rusty and "fresh" rock (~ 8% sulphide overall). Lots of calcite, including well crystallized calcite and minor quartz. Sulfide often "vugged out" in rusty stuff.
- | | |
|---------------|-------------|
| Au - 0.036opt | Ag - 1.4ppm |
| As - 280ppm | Cu - 105ppm |
| Co - 30ppm | |
- D-96-345 Blast blew off whole layer of good stuff, therefore are working with weathered surface still. Andesite with lots of calcite ± quartz, with minor manganese and only ~ 2% visible sulfides (pyrite). Rock chloritic and crumbly.
- | | |
|-------------|-------------|
| Au - 80ppb | Ag - 1.8ppm |
| As - 125ppm | Cu - 93ppm |
| Co - 15ppm | |
- D-96-346 Upper 2/3rds of section same as -345 except slightly sulphide richer (~ 3% sulphide). Bottom part is back to fresh rock (from overlying layer), is very calcite rich (and minor quartz), and is very rich in sulphides (and minor copper carbonate). Approximately 8% pyrite and 5% chalcopyrite heavily disseminated throughout.
- | | |
|---------------|--------------|
| Au - 0.041opt | Ag - 6.0ppm |
| As - 85ppm | Cu - 1800ppm |
| Co - 12ppm | |
- D-96-347 Top 1/3rd similar to bottom of -346 with heavily disseminated, and blobs of massive, sulphide (10% pyrite + 3% chalcopyrite) and lots of malachite/azurite in rusty stuff underlying "layer". Lower 2/3 is ~ 5% pyrite/chalcopyrite (i.e. 4% chalcopyrite and 1% chalcopyrite). Lots of both calcite and quartz.
- | | |
|---------------|--------------|
| Au - 0.062opt | Ag - 7.0ppm |
| As - 345ppm | Cu - 2020ppm |
| Co - 20ppm | |

D-96-348 Approximately the same as lower 2/3 of -347 except only approximately 3% pyrite and minor chalcopyrite. Rusty, rotten rock (shear zone) runs parallel to trench through section.

Au - 80ppb	Ag - 2.0ppm
As - 200ppm	Cu - 94ppm
Co - 16ppm	

D-96-349 Very fresh, unweathered rock. Lots of both calcite and quartz, but only minor chlorite (in andesite (?)). Minor malachite in occasional rusty spots. Also minor epidote. Lots of sulphides. Approximately 6% pyrite, ~ 1% chalcopyrite, and minor pyrrhotite or arsenopyrite (?). Both are disseminated and in stringers.

Au - 580ppb	Ag - 2.0ppm
As - 405ppm	Cu - 617ppm
Co - 31ppm	

D-96-350 Very similar to -349. Lots of quartz and calcite. Only minor chlorite. Approximately 6% pyrite, ~ 2% chalcopyrite (minor arsenopyrite).

Au - 655ppb	Ag - 3.6ppm
As - 210ppm	Cu - 1203ppm
Co - 28ppm	

D-96-351 Same rock as above. Minor epidote. Minor chlorite. Approximately 3-4% pyrite and minor chalcopyrite.

Au - 60ppb	Ag - .6ppm
As - 175ppm	Cu - 141ppm
Co - 20ppm	

D-96-352 Same rock as above. Approximately 3% visible pyrite and very minor chalcopyrite plus minor "limonite veins".

Au - 35ppb	Ag - 0.8ppm
As - 145ppm	Cu - 95ppm
Co - 21ppm	

D-96-353 Same rock as above. Approximately 3% pyrite and very minor chalcopyrite

D-96-354 Same rock as above. Approximately 3% pyrite, very minor chalcopyrite and minor pyrrhotite, including one small blob of fine grained, very magnetic, pyrrhotite surrounding pyrite cubes. * Plus at least one stringer of arsenopyrite.

Au - 40ppb	Ag - 0.8ppm
As - 770ppm	Cu - 131ppm
Co - 29ppm	

D-96-355 Very steep therefore not blasted as well as -349-354 therefore less fresh and more weathered. Very rusty with thin "sheets" of pyrite in places on surface. Quartz, calcite and chlorite all present. Approximately 4-5% sulphide - mostly pyrite but minor arsenopyrite and very minor chalcopyrite. Minor manganese and minor limonite.

Au - 230ppb Ag - 0.8ppm
As - 2425ppm Cu - 111ppm
Co - 57ppm

D-96-356 As in -355, not much fresh rock (very steep) and more "sheets" of pyrite and limonite on surface (small veins and disseminated on fresh rock. Approximately 5-6% pyrite and very minor chalcopyrite.

Au - 15ppb Ag - 0.4ppm
As - 215ppm Cu - 128ppm
Co - 26ppm

D-96-357 Lower, flat level and new azimuth. Silicified (but still lots of calcite) rock with lots of sulphides. Approximately 8-10% pyrite, (+ ~ 1% magnetic pyrrhotite), ~ 2% arsenopyrite and minor chalcopyrite. Minor chlorite.

Au - 710ppb Ag - 1.6ppm
As - 3380ppm Cu - 344ppm
Co - 39ppm

D-96-358 Similar to -357. Approximately 7% pyrite, 1% pyrrhotite, 1% arsenopyrite and minor chalcopyrite.

Au - 990ppb Ag - 1.6ppm
As - 7160ppm Cu - 547ppm
Co - 34ppm

D-96-359 Approximately 7-8% pyrite, ~ 1% pyrrhotite, ~ 3-4 % arsenopyrite, and minor chalcopyrite (and minor copper carbonate). Fairly siliceous, especially in arsenopyrite rich vein, but still lots of calcite veinlets, etc. Very gossanous and sulphide rich on weathered surface.

Au - 450ppb Ag - 0.6ppm
As - 6430ppm Cu - 243ppm
Co - 93ppm

D-96-360 Lots of calcite, quartz and chlorite. Approximately 5% pyrite and minor arsenopyrite and minor chalcopyrite.

Au - 340ppb Ag - 1.0ppm
As - 4190ppm Cu - 156ppm
Co - 57ppm

D-96-361 Small sample from just north north-east of contact with hematite zone (-361/-362 border = contact, which is approximately perpendicular to trench. Very chloritic andesite with an almost sandy texture. Minor blobs of hematite (from zone), minor calcite/quartz and minor ($\leq 1\%$) pyrite.

D-96-362
to 364

Hematite Zone. -362 gets progressively richer as you go south south-west. -363 has several blobs of brighter violet colored (very hematite rich) rock (vs. dull purple). -362 + 364 also but less so. Minor quartz/calcite throughout. Almost no visible sulphides. Not severely sheared.

- D-96-365 Out of Hematite Zone. Quartz (\pm calcite) vein near contact with steep dip to north (strike \sim perpendicular to trench (\sim 2 inches thick). Minor blobs of hematite. Minor calcite/quartz (elsewhere). Approximately 1% pyrite. Lots of chlorite.
- D-96-366 \sim 5% of section is violet colored blobs of hematite rich rock. Chloritic andesite with minor quartz/calcite + \sim 1% pyrite. Very siliceous in places.
- D-96-367 Only minor blobs of hematite now. Calcite/quartz present. Chloritic throughout. \sim 2% sulphide (esp. from vague stringers of coarse, cubic pyrite crystals in center of section).
- D-96-368 No hematite. \sim 2% disseminated pyrite throughout. Chloritic andesite and quite sheared/ground up in places. Minor calcite quartz
- D-96-369 Sheared and chloritic andesite. Very minor hematite. Minor calcite/quartz. \sim 1.5% disseminated pyrite throughout.
- D-96-370 Both chloritic and siliceous zones in section. Very minor calcite/quartz. 1.5-2% pyrite. Sheared and ground up in places.
- D-96-371 Mildly chloritic and siliceous. Large calcite (\pm quartz) veins. \sim 2.5-3% pyrite throughout.
- D-96-372 NNE 1.5 ft. of section very sheared/ground up, chloritic and sulphide rich (\sim 8% pyrite). Rest of section only \sim 2%-3% pyrite. A couple of 1.0 inch thick calcite \pm quartz veins. Minor manganese.
- D-96-373 1.0m section of very sulphide rich rock. NNE 1 ft. = ground up chloritic shear zone with \sim 15% pyrite, etc. Remaining 2/3rds = siliceous + chloritic "harder" rock with \sim 8% pyrite. Minor calcite/quartz. Some limonite
- D-96-374 \sim 2-3% pyrite in siliceous/chloritic andesite.
- D-96-375 A massive to heavily disseminated sulphide "vein" of \sim 6 inches (? - disappears under dirt) thickness runs \sim parallel to trench strike. Fairly limonitic but lots of massive pyrite. Disseminated (\sim 2-3%) pyrite runs throughout rest of section which is very chloritic, and mildly carbonaceous andesite. Minor calcite veining and very little quartz. Some of sulphide looks like arsenopyrite.
- | | |
|-------------|-------------|
| Au - 530ppb | Ag - 2.2ppm |
| As - 590ppm | Cu - 296ppm |
| Co - 33ppm | |
- D-96-376 "Tail end" of massive pyrite from -375 traceable for 1st 10 inches. Rest of section includes lots of rusty, limonitic, chloritic and mildly carbonaceous rock with \sim 2% disseminated pyrite. Also manganese. Particularly chloritic and sheared along contact with intrusive/plutonic rock from -377.
- | | |
|-------------|-------------|
| Au - 215ppb | Ag - 1.2ppm |
| As - 105ppm | Cu - 151ppm |
| Co - 19ppm | |

D-96-377 Diorite. Border with -376 = contact (very distinct) with above volcanics and a 2.2m thick very coarse, very siliceous intrusive dyke which trends 100° (or 280°) and extends for long distance in both directions (still some calcite). Only ~ 1% visible sulphides. Mafic grains generally altered/chloritic.

D-96-378 Diorite. Some rock as -377 but more weathered and rusty. Very rusty in places; however rust is mainly due to biotite (+ other mafics) as only ~ 1.5% sulphides are visible. -378/-379 contact = intrusive/volcanic contact.

D-96-379 Arsenopyrite. Back to andesite + lots of sulphides. Several 2-3 inch thick sheets and stringers of sulphide. Often rusty coarse pyrite surrounded by fine grained dark grey arsenopyrite (?). Sample is ~ 15% pyrite/arsenopyrite. Rock very carbonaceous with calcite veins in a few places.

Au - 0.174opt	Ag - 4.0ppm
As - 9505ppm	Cu - 1051ppm
Co - 43ppm	

D-96-380 Now in trench 56-A. Includes an ~ 2 inch thick massive sulphide vein, an ~ 6 inch very limonitic zone and ~ 2%-3% disseminated pyrite elsewhere. Still carbonaceous. Sample ~ 6% sulphide/limonite overall.

Au - 0.041opt	Ag - 1.2ppm
As - 3575ppm	Cu - 185ppm
Co - 22ppm	

D-96-381 -381-384 are along major fracture/± shear zone that is ~ parallel to trench. Chloritic rock with rusty blobs of sulphide rich stuff and minor disseminated pyrite elsewhere. ~ 3-4% pyrite overall

Au - 750ppb	Ag - 0.6ppm
As - 445ppm	Cu - 84ppm
Co - 25ppm	

D-96-382 Similar to 381. Several small to medium blobs of rusty, limonite + pyrite rich stuff with minor disseminated sulphide elsewhere. Chloritic and carbonaceous. Lots of calcite veins in -383. ~ 3-4% sulphide overall.

Au - 695ppb	Ag - 0.8ppm
As - 400ppm	Cu - 95ppm
Co - 21ppm	

D-96-383 Same as above

-96-384-397 Andesite throughout length of trench with varying degrees of siliceous, carbonaceous + chloritic alteration throughout. But for -387, -388 and -397, all 1m sections have at least 2-3% disseminated pyrite.

D-96-384 Rusty and fractured throughout with about 6% pyrite (± arsenopyrite?).

Au - 500ppb	Ag - 0.6ppm
As - 415ppm	Cu - 47ppm
Co - 50ppm	

- D-96-385 Same as -384 but ~ 5% pyrite.
- | | |
|-------------|--------------|
| Au - 115ppb | Ag - <0.2ppm |
| As - 125ppm | Cu - 17ppm |
| Co - 98ppm | |
- D-96-386 Upper 0.5m is largely massive sulphide. Lower ½ is fairly decomposed (sheared?) with manganese but only minor visible sulphide. Overall sample is ~ 15% sulphide.
- | | |
|-------------|-------------|
| Au - 465ppb | Ag - 0.6ppm |
| As - 285ppm | Cu - 165ppm |
| Co - 28ppm | |
- D-96-387/-388 "Deadbeats"
- D-96-389 Only 2-3% pyrite. Quartz/calcite veins.
- D-96-390 An ~ 6 inch thick massive - sub-massive pyrite lens runs parallel to trench for length of section. Disseminated sulphide elsewhere. ~ 15% pyrite in sample.
- | | |
|-------------|-------------|
| Au - 830ppb | Ag - 0.8ppm |
| As - 680ppm | Cu - 29ppm |
| Co - 24ppm | |
- D-96-391 Same as (continuation of) -390 but only 10% pyrite.
- | | |
|---------------|-------------|
| Au - 0.041opt | Ag - 3.0ppm |
| As - 385ppm | Cu - 441ppm |
| Co - 22ppm | |
- D-96-392 Only ~ 3-5% sulphides. -394 is very siliceous.
- | | |
|-------------|--------------|
| Au - 260ppb | Ag - <0.2ppm |
| As - 50ppm | Cu - 24ppm |
| Co - 9ppm | |
- D-96-393 same as above
- D-96-394 same as above
- | | |
|---------------|-------------|
| Au - 0.036opt | Ag - 0.8ppm |
| As - 865ppm | Cu - 86ppm |
| Co - 14ppm | |
- D-96-395 Lots of pyrite; about 14% throughout length of section.
- | | |
|-------------|-------------|
| Au - 580ppb | Ag - 0.4ppm |
| As - 305ppm | Cu - 241ppm |
| Co - 16ppm | |
- D-96-396 ~ 3% pyrite with most of it near -395 border. Lots of quartz/calcite veining.

Au - 120ppb Ag - <0.2ppm
As - 110ppm Cu - 144ppm
Co - 16ppm

D-96-397 "Deadbeat"

D-96-398-400 Near top of major gorge West of camp just a few meters (~12m) downgorge from old samples D96-109-111. Major shear zone of ~ 8 inches thickness on average and at least 15m in length (fades away on very steep cliff). Approx. orientation = 210°/40° NW therefore shallow dip (relatively). Composed almost entirely of chlorite and limonite, but still lots of visible pyrite (+ minor copper carbonate (malachite), esp. in -400).

Au - 555ppb Ag - 5.4ppm
As - 15ppm Cu - 2804ppm
Co - 71ppm

D-96-401 On same rusty zone as old samples -109-111 and is ~ 2ft. uphill from -111. "Zone" vaguely extends for ~ 8 meters and is often > 2 ft thick and trends along azimuth of ~ 290°. Full of limonite/chlorite/pyrite/chalcopyrite and also lots of molybdenum. Molybdenum more weather resistant than pyrite because limonite is full of it.

Au - 0.179opt Ag - 1.6opt
As - <5ppm Cu - 2.33%
Co - 50ppm

D-96-402 A 2 ft. square blob of limonite with lots of pyrite + copper carbonate. An ~ 6 ft square blob of quartz right beside it, with a hodgepodge of andesite and coarse grained diorite in general area.

Au - 0.441opt Ag - 3.3opt
As - 135ppm Cu - 2.89%ppm
Co - 71ppm

D-96-403 ~ 10m WNW of -402. An impressive (albeit narrow) quartz vein of at least 25m length and ~ 1inch -5 inches in width (thickness). Malachite and pyrite visible almost throughout. Sample is massive pyrite/limonite/malachite. Vein trends ~ 280° (very steep dip). There is a hodgepodge of andesite and coarse grained diorite in general area.

Au - 0.085opt Ag - 13.59ppm
As - 250ppm Cu - 14.4%
Co - 107ppm

D-96-404 ~ 10m west of -403 on same vein. Very similar to -403 but more malachite and less pyrite. Very limonitic. There is a hodgepodge of andesite and coarse grained diorite in general area.

Au - 0.04opt Ag - 5.08opt
As - 95ppm Cu - 6.9%
Co - 67ppm

D-96-405 Massive/Sub-Massive Sulfide (Limonite & Malachite/Azurite) zone.

Au - 605ppb Ag - 3.42ppm
As - 70ppm Cu - 1283ppm
Co - 93ppm

D-96-406 Andesite with quartz and calcite with ~ 5-6% pyrite (very little chalcopyrite).

Au - 155ppb Ag - 0.6ppm
As - 525ppm Cu - 103ppm
Co - 29ppm

D-96-407 "Fresh" rock on "hanging wall" is andesite with ~ 2-3% pyrite and very minor chalcopyrite. "Foot-wall" is very limonitic and contains malachite/azurite. Too rotten to see sulphides.

Au - 0.141opt Ag - 2.4ppm
As - 5715ppm Cu - 390ppm
Co - 20ppm

D-96-408 Now into Zone. Starts thin and gradually widens (thickens). Very limonitic with lots of copper carbonate. Zone is/was (before limonite) ~ 20% sulphide (very rotten) with lots of stringers and disseminated sulphide in dacite (?) footwall.

Au - 0.154opt Ag - 8.6ppm
As - 2.5%ppm Cu - 1414ppm
Co - 31ppm

D-96-409 Beginning to angle out of main zone (but still in it). Zone is gradually thickening with lots of massive and sub-massive sulphide (+ limonite/copper carbonate). Dacitic footwall full of disseminated sulphide.

Au - 0.089opt Ag - 3.8ppm
As - 4215ppm Cu - 902ppm
Co - 21ppm

D-96-410 Fully into dacitic footwall now (+ for rest of trench). Spectacular mini-folds in limonite. ~ 4% pyrite/1-2% chalcopyrite/+ minor arsenopyrite/copper carbonate.

Au - 300ppb Ag - 1.0ppm
As - 1345ppm Cu - 578ppm
Co - 17ppm

D-96-411 ~ 2% arsenopyrite + 4% pyrite and 1% chalcopyrite.

Au - 0.089opt Ag - 2.6ppm
As - 3860ppm Cu - 692ppm
Co - 24ppm

D-96-412 4% pyrite/2-3% chalcopyrite + minor arsenopyrite.

Au - 0.06opt Ag - 0.6ppm
As - 1180ppm Cu - 338ppm
Co - 22ppm

- D-96-413/414 In very fresh, competent, dacite now with ~ 4% pyrite but only minor copper and arsenopyrite.
- D-96-415 Taken ~ 1m up and over from MM96-008 and contains ~ 7% very fine grained disseminated pyrite
- D-96-416 Taken ~ 2m down and over from MM96-008 and has ~ 5% fine grained disseminated pyrite.
- D-96-417 A ½ meter chip sample through what is probably just a small blob (up to 1m square ?) of very gossanous and very sulphide rich (~ 15 - 20%) rock (can't tell exact size because of overburden). Is 17 meters west of MM-007.
- MM-96-001 4840 ft. elevation - located at line 26+25N STN 23+80E on cliff above and south gorge (fault) 0.6 km north of camp argillite and fine grained dacite with small veinlets 4" max, weathered Fe stained, disseminated sulfide structure DIR-330.
- | | |
|----------|----------|
| Au - ppb | Ag - ppm |
| As - ppm | Cu - ppm |
| Co - ppm | |
- MM-96-002 4800 ft. elevation - located at line 25+75N STN 24+50E north side of gorge (fault) argillite with calcite veins in 3' zone veins vary from 0.5" to 2" in width. Some weak sulfide, general vein DIR-315.
- | | |
|----------|----------|
| Au - ppb | Ag - ppm |
| As - ppm | Cu - ppm |
| Co - ppm | |
- MM-96-003 5560 ft. elevation - located at line 30+00N STN 19+25E, approximately bearing to camp-125. Argillite localized Cu stain from fracture? Some Fe staining fracture DIR-115.
- | | |
|----------|----------|
| Au - ppb | Ag - ppm |
| As - ppm | Cu - ppm |
| Co - ppm | |
- MM-96-004 5500 ft. elevation - located at line 28+50N STN 19+25 E in argillite' s with a brachia north of showing some Fe staining on surface and Cu small sulfide vein DIR-305.
- | | |
|----------|----------|
| Au - ppb | Ag - ppm |
| As - ppm | Cu - ppm |
| Co - ppm | |
- MM-96-005 Near main glacier located at line 17+25N STN 14+50E, 2 small veinlets Fe and Cu stained vein DIR-270.
- | | |
|---------------|---------------|
| Au - 2480 ppb | Ag - 7.0 ppm |
| As - 9 ppm | Cu - 7490 ppm |
| Co - 30 ppm | |

- MM-96-006 3600 ft. elevation - location above lake at toe of Kshwan Glacier east of Levelland Camp (southwest of Clone Camp) fine grained dacite, calcite rich with hornblende (5%) fractured weathered rock, light Fe staining on surface, disseminated sulfide. Some erratic groups of sulfide, possibly arsenopyrite (?) Strike-140, DIP-025.
- MM-96-007 3740 ft. elevation - located at 100 meters from 006 at bearing -035, 15 meters from Flagon KK-94-707. 1 meter exposed outcrop, similar to 006, but less weathered, more Fe staining, heavily sulfide (KK-94-707 probably float from out crop). Strike-055, DIP-078.
- MM-96-008 3740 ft. elevation - location 30 meters above and 170 to 007, looks to be similar to 007, more mineralized and Fe stained. Disseminated sulfide, some sulfide veinlets approximately 10 % of rock is sulfide rock more silicified. Strike-210, DIP-040.
- MM-96-009 3800 ft. elevation - location in small drainage west of gorge (fault). Exposed outcrop 1 meter fine to medium grained dacite cut by similar rock with more sulfide but smaller hornblende crystals (4"). Some epidote, some quartz, also sulfide veins and heavy disseminated sulfide throughout. Approximately strike-080, DIP-075.
- MM-96-010 3840 ft. elevation - located at 40' above and bearing 175 to 009 in same drainage, fine grained grey-blue dacite magnetic, outcrop mostly under overburden. Fe staining on surface, large sulfide clusters. Disseminated sulfide throughout. Some sulfide veinlets and large sulfide areas on fractures (20%) structure. DIR-295.
- MM-96-011 3980 ft. elevation - located west of gorge (fault) above lake outcrop 4 meters by 15 meters. Vertical medium grained dacite silicified very oxidized, Fe stained disseminated, veinlets and sulfide on fractures (30%). Strike-130, DIP-045.
- MM-96-012 3980 ft. elevation - located 30 m west of snow tongue out of gorge (fault). Fine grained dark dacite siliceous, a few Fe stains and acid rings. Some sulfide disseminated in stained areas, outcrop 3 meters in area. Strike-054? DIP-047?
- MM-96-013 4100 ft. elevation - location north west of gorge (fault) 10' above ice, weathered heavily. Fe stained fine grain grey dacite sulfide in veinlets fractures and dissemination throughout rock. Some vugginess, exposed outcrop 10 meters by 4' wide. Strike-140 DIP-065.
- MM-96-014 4140 ft. elevation - location east side of gorge (fault) 3 quartz veins from 2" to 6: in width vuggy at surface some Fe stain sulfide laden overall exposure 15 meter veins. DIR-075, strike-150, DIP-070.
- | | |
|----------------|--------------|
| Au - 10920 ppb | Ag - 9.3 ppm |
| As - 39 ppm | Cu - 296 ppm |
| Co - 94 ppm | |
- MM-96-015 4300 ft. elevation - location directly up the gorge (fault) from 014 outcrop 20 meters long, 1 meter wide exposed fine grained dacite glacier scrubbed smooth dissemination and vein sulfide throughout rock 1 major seam of sulfide through showing, showing cut by country rock, hornblende strike-190, DIP-025?
- MM-96-016 4300 ft. elevation - located on the east side of the gorge (fault) possible continuation of 014? Quartz with rose calcite (large crystals) veins quartz is vuggy and terminated in places, no Fe staining sulfide dissemination throughout. Vein cuts fine grained dark calcite rich dacite. Veins DIR-065.

Au - 120 ppb Ag - 2.2 ppm
As - 52 ppm Cu - 1494 ppm
Co - 59 ppm

MM-96-017 4320 ft. elevation - located next to ice tongue east of gorge (fault) brecciated quartz vein 9 meters long by 4" wide. Several smaller veinlets a little Fe staining, modestly heavy Cu staining some calcite in area. Vein DIR-060, strike-120, DIP-068.

Au - 8890 ppb Ag - 19.7 ppm
As - 14 ppm Cu - 40780 ppm
Co - 30 ppm

MM-96-018 4380 ft. elevation - located up gorge (fault) from 017, same as 017 but more country rock larger hornblende crystals vein vuggy Fe and Cu stained vein. DIR-027, strike-070, DIP-050.

Au - 10820 ppb Ag - 11.2 ppm
As - 26 ppm Cu - 16630 ppm
Co - 13 ppm

MM-96-019 4540 ft. elevation - located 3 meters west of line 20+50N STN 15+00E small showing on east side of gorge (fault) quartz, calcite vein 6 meters by 5 cm wide vuggy and quartz terminated crystals in places Fe, Cu staining some disseminated sulfide vein. DIR-070.

Au - 180 ppb Ag - 2.4 ppm
As - 26 ppm Cu - 2889 ppm
Co - 37 ppm

MM-96-020 4140 ft. elevation - located at cliffs north side of gorge (fault) across from the middle of the draining lake, Fe stained well fractured rock medium to fine grained light grey dacite one major sulfide vein through it disseminated sulfide in outcropping that's 10' by 2' long structure. DIR-015, sulfide vein DIR-260.

Au - 62 ppb Ag - 2.4 ppm
As - 40 ppm Cu - 373 ppm
Co - 20 ppm

MM-96-021 4260 ft. elevation - location up hill from 020 lightly Fe stained fine grained dacite sulfide disseminated throughout lightly some concentrations outcrop 10 meters vertical. Strike-115, DIP-033.

MM-96-022 4300 ft. elevation - located 40' above sample 021 (probably same structure) rock same but more disseminated sulfide more Fe staining under heavy moss growth strike-110, DIP-050.

MM-96-023 4460 ft. elevation - located high above gorge (fault) north west side, quartz vein 8" wide, 5' long outcrop exposure out of overburden, heavily Fe stained, some sulfide structure. DIR-040.

MM-96-024 4600 ft. elevation - located approximately 10 meters north west of white claim line by Flagon ERK-94-829. Large Fe stained area 40' wide by 20' long, medium grained

dacite some larger clasp quartz disseminated sulfide some heavy sulfide veinlets. Some epidote. Strike-120, DIP-045.

Au - 49 ppb	Ag - 0.6 ppm
As - 2 ppm	Cu - 1200 ppm
Co - 18 ppm	

MM-96-025 4520 ft. elevation - location 25 meters at 025 from White 1 Claim post (Cairn). Fe stained, 2' across small 1" sulfide veinlets.

Au - 760 ppb	Ag - 0.3 ppm
As - 330 ppm	Cu - 39 ppm
Co - 61 ppm	

MM-96-026 4420 ft. elevation- location at north side of gorge (fault) up first major side ravine on east wall small Fe stain out of fracture, rock fairly coarse grained dacite with quartz stringers, sulfide in narrow veinlets.

Au - 1560 ppb	Ag - 0.3 ppm
As - 358 ppm	Cu - 29 ppm
Co - 66 ppm	

MM-96-027 4320 ft. elevation - located on back side of clone property at the east side of Sutton Glacier. Southeast of Treble Mountain 300 deg. from cirque, shear zone 1.5 meters wide in hornblende porphyry. (dioritic) . Some sulfide and light Fe staining structure DIR-315.

MM-96-028 4700 ft. elevation - located on traverse north ward, up hill from Flagon A-95-021 shear zone quartz outcrop 1 meter exposure some disseminated sulfide trace Cu stain. Strike-115, DIP-065.

MM-96-029 4840 ft. elevation - narrow hide and seek sulfide zone 50 meters vertical obscured by overburden and snow area samples 2' by 3' Fe stained fine grained dacite near contact with hornblende disseminated sulfide and veinlets. 10 % sulfide in places, strike-130, DIP-072.

Au - 2050 ppb	Ag - 9.0 ppm
As - 17 ppm	Cu - 7417 ppm
Co - 73 ppm	

MM-96-030 4780 ft. elevation - located on the same vein as A-95-025 up hill 70 meters, quartz vein shear zone quartz healed breccia varies from 5" to 3' in width light Fe staining but heavy Cu stained semi-massive sulfide, sulfide veinlets vein. Strike-290, DIP-035.

Au - 160 ppb	Ag - 7.4 ppm
As - 35 ppm	Cu - 6056 ppm
Co - 32 ppm	

MM-96-031 4880 ft. elevation - heavy Cu stain 2' in diameter quartz medium grained with chalcopyrite pyrite zone exposed 2' wide by 5' strike-260, DIP-058.

Au - 120 ppb	Ag - 5.8 ppm
As - 27 ppm	Cu - 3516 ppm

Co - 35 ppm

MM-96-032 4920 ft. elevation - quartz vein pinch and swell to 4" slight Fe staining disseminated sulfide, concentrated in areas vein DIR-055, strike-256, DIP-059.

Au - 160 ppb Ag - 3.5 ppm
As - 67 ppm Cu - 890 ppm
Co - 39 ppm

MM-96-033 5080 ft. elevation - located on cliff face across Steep Icefield, argillite contact heavy calcite veining large Cu and Fe stains over 30 meters. Vertical heavy sulfide.

Au - 13580 ppb Ag - 50.8 ppm
As - 192 ppm Cu - 35298 ppm
Co - 101 ppm

MM-96-034 5280 ft. elevation - located directly above 034 but no calcite veining visible in area, heavy sulfide, some vugginess less, Cu staining, same amount of Fe staining Strike-240, DIP-084 but no calcite veining visible in area heavy sulfide strike -240 DIP-084.

Au - 130 ppb Ag - 4.8 ppm
As - 42 ppm Cu - 950 ppm
Co - 131 ppm

MM-96-035 5680 ft. elevation - located north west of Treble Mountain on Steppe Slopes over glacier, 30 meters, uphill and bearing 240 to D-96-157 sample. Small outcrop (75 m vertical and 25 meters wide) of argillite high calcite epidote contents, flow breccia part of a unmineralized large cap rock. Sample well fractured highly magnetic, Fe stained, lightly disseminated sulfide. Strike-350, DIP-074.

MM-96-036 6120 ft. elevation - located on east slopes above ice. Quartz calcite vein, large crystals cuts east-west through argillite some of the vein can be followed more than 100m+ on surface east of sample site. No visible mineralization. Strike-335, DIP-050.

MM-96-037 6080 ft. elevation - location 75' above ice on cliffs Fe stained area, shear zone 20' by 10' in brachia. Rock medium grey with calcite disseminated sulfide throughout strike-055, DIP-065.

MM-96-038: Located approximately 100m uphill from ice on argillite\breccia cliffs on southern traverse around area. Contact of argillite\breccia, dacite, QZ calcite vein, somewhat brecciated in places 3" wide by 4' long cut again by calcite veins. Very light fe staining some miner sulfide present strike-215 dip 065.

MM-96-039: 4460 ft. elevation located on cliffs in circ east of major fault 2" - 4" wide QZ, calcite vein some med grained dacite little fe staining some disseminated sulfide exposed sample area 3m long strike -360 dip-065.

Au - 310 ppb Ag - 0.3 ppm
As - 2 ppm Cu - 8 ppm
Co - 19 ppm

MM96-040 4520 ft elevation located east of fault and major water coarse on cliffs above ice large area (50' wide by 100') of calcite dominated dacite, calcite stringers cutting at all angles light fe stain light disseminated sulfide strike-210 dip 040.

MM96-041: 4740 ft. elevation located 15m east of 040 fe stained zone 3m vertical by 6m wide calcite veins cutting medium grained dacite disseminated sulfide some in concentrations calcite is visibly barren strike-277 dip-049.

Au - 230 ppb	Ag - 1.0 ppm
As - 305 ppm	Cu - 23 ppm
Co - 10 ppm	

MM96-042: 4740 ft. elevation located on west side of fault 3m uphill from ice tongue argillite with calcite veins running east west fe stained area approximately 30sq some light grouped sulfide strike-113 dip 069.

MM96-043 4860 ft. elevation located on west side of fault towards hanging glacier fe stained zone of argillite, calcite veins cutting east, west approximately every foot, some disseminated sulfide strike-275 dip-065.

MM96-044: 5280 ft. elevation located west of fault and west of major water falls near old land slide area (slip fault) argillite with heavy fe staining with light disseminated sulfide strike - 285 dip-052.

MM96-045: 5340 ft. elevation located approximately 70m west of 044 same type of argillite and mineralization as 044 butt slightly more fe staining and sulfide strike-125 dip 035.

Au - 20 ppb	Ag - <0.2 ppm
As - <5 ppm	Cu - 397 ppm
Co - 40 ppm	

08-05-96

Traverse from middle of cirque across the Sutton glacier (west side) at large gossan east of major fault on north cliffs.

Au - 0.234 opt	Ag - 8.0 ppm
As - 2025 ppm	Cu - 1619 ppm
Co - 40 ppm	

MM96-046: 4360 ft. elevation located 25m down hill from D96-060 and D96-165. West of waterfalls above the steepest part of the cliff.

Au - 0.118 opt	Ag - 15.4 ppm
As - 2.67% ppm	Cu - 0.048% ppm
Co - 449 ppm	

Stained QZ, some calcite epidote very silicified mass sulfide mineralization in pods approximately 1m by 5m but area full of similar pods strike -322 dip-038.

MM96-047 4320 ft. elevation' located east of sample MM96-046 just east of creek and D96-168 20M in small gorge sample site steep so limited sample from small stringer of mineralized zone (2" wide by 3') total zone 20m vertical by 10m wide. Fe stained,

possible light hematite stain calcite stringer with some QZ very weathered , CU stains on fractures (Malachite and azurite) mass sulfide slightly magnetic some epidote in surrounding andesite strike - 115 dip-043.

MM96-048: 4840 ft. elevation located above 047 just west of same creek 100 ft. below snow plateau. Zone cuts through creek 15m wide, fe stained fine grained andesite, weathered some argillite in close proximity some small calcite intrusions disseminated sulfide strike-100 dip 090.

MM96-049: 5060 ft. elevation located towards Sutton glacier bearing to peak of clone camp mtn-135 QZ vein (runs several 100M) sample site 4" wide by 4ft. long no visual mineralization small CU stains, could be re mobilized strike -245 dip 062.

MM96-050: 3920 ft. elevation located uphill from moraine arc on corner of cirque and Sutton glacier above talus, large fe stained spotty zone even unstained areas in the zone has disseminated sulfide fine grained dacite with east to west QZ veins, highly siliceous strike-255 dip-076.

MM96-051: 3925 ft. elevation located 5 ft. in elevation above 050 at the contact with the main cliff and talus/overburden siliceous QZ vein with fine grained dacite and some epidote and rose QZ. Fe stained some CU stains on fractures on vein area visible length 100 ft by 8" thick the ends disappear into overburden strike-290 dip-072.

Au - 150 ppb	Ag - 0.8 ppm
As - 120 ppm	Cu - 49 ppm
Co - 77 ppm	

Fine grained dacite with calcite and calcite veins little epidote siliceous small amounts of disseminated sulfide strike -326, dip-075.

MM96-054: 3940 ft. elevation located west side of knob near vegetation on overburden slopes, , weathered vein of QZ/calcite protruding out of overburden. Fe stained with mass sulfide area sampled 3m long vein Dir-275.

Au - 0.048 ppb	Ag - 2.42 opt
As - 705 ppm	Cu - 463 ppm
Co - 38 ppm	

MM96-055: 4080 ft. elevation located above and west of 054 (50m) same as 054 but more QZ probably same structure.

Au - 560 ppb	Ag - 0.6 ppm
As - 585 ppm	Cu - 108 ppm
Co - 36 ppm	

MM96-056: 4090 ft. elevation located 60m west of 055 across overburden slide are fe stained QZ vein larger and more intact than 054/055 medium grained. Sulfide disseminated and in pods of mass strike -127 dip -090.

Au - 325 ppb	Ag - 0.6 ppm
As - 255 ppm	Cu - 56 ppm
Co - 47 ppm	

MM96-057: 4120 ft. elevation located at 50m west of 056 at base of rock bluff fe stained QZ (vein?) area 3 ft. by 4 ft. wide some medium grained epidote siliceous some pods of sulfa, mostly disseminated strike -089, dip 074.

MM96-058: 4140 ft. elevation located 25m west of 057 at base of vertical bluff. Weathered surface, calcite and carbonaceous fine grained rock fe stained heavy disseminated sulfide runs approximately 30 ft. across face and 2 ft. in vertical width strike-305, dip-082.

Au - 305 ppb	Ag - 0.4 ppm
As - 320 ppm	Cu - 5 ppm
Co - 25 ppm	

MM96-059: 4180 ft. elevation located uphill and around small knob from 058, same rock except sulfide are also in veinlets of mass exposed outcrop is 5 ft. by 3 ft. strike-351, dip-082.

Au - 205 ppb	Ag - 0.6 ppm
As - 240 ppm	Cu - 31 ppm
Co - 57ppm	

MM96 - 060: 4260 ft. elevation located above and 10m west of 059 on large gossan area of cliffs, fe stained fine grained dacite weathered disseminated sulfide strike-287, dip-084.

Au - 25 ppb	Ag - 1.4 ppm
As - 25 ppm	Cu - 568 ppm
Co - 21ppm	

MM96-061: 4300 ft. elevation located west of 060 and bearing -170 to 059. QZ vein and surface weathered some yellow red fe staining some disseminated and pod like sulfide. Vein runs vertical - 075 DEG.

MM96-062: 4340 ft. elevation located east but part of large gossan on main knob at the east end of the cirque, high on vertical cliffs. QZ\calcite veins folded with fine grained dacite weathered on the surface some vugs in QZ, fe stained disseminated and pod like sulfide probable total area exceeds over 30 ft. strike-300 dip-090.

Au - 275 ppb	Ag - 4.2 ppm
As - 115 ppm	Cu - 680 ppm
Co - 14ppm	

MM96-063: 4420 ft. elevation located 15m east of RJM96-033 and west and uphill from 062 by eastern bluff. Small shear zone vertical.

Au - 525 ppb	Ag - 1.2 ppm
As - 295 ppm	Cu - 26 ppm
Co - 28ppm	

MM96-064: 5420 ft. elevation located 20m and 185 DEG. To trench 136. Shear zone 12" wide and 15m long well fractured slight fe staining disseminated sulfide to mass sulfide chalcopryrite with trace arsenopyrite, some malachite in the area water deposition of calcite strike -125, dip-056.

Au - 0.051 opt	Ag - 5.0 ppm
As - 85 ppm	Cu - 1226 ppm

Co - 73ppm

MM96-065: 5420 ft. elevation located 20m and on strike of trench 141(320 DEG. To trench) disseminated coarse sulfide banded in shear zone, fe stained some chalcopyrite to the east and bordering sample site hematite fragments strike-320, dip-070.

Au - 465 ppb Ag - 2.2 ppm
As - 155 ppm Cu - 83 ppm
Co - 25ppm

MM96-066: 5400 ft. elevation located 100 m and 335 DEG. To trench 136 on vertical wall of shear zone fe stained chalcopyrite, pod like and disseminated sulfide zone 25 ft. long and 3 ft. high strike - 325 Dip-080.

Au - 420 ppb Ag - 5.0 ppm
As - 100 ppm Cu - 215 ppm
Co - 45ppm

MM96-067: 5360 ft. elevation located between trenches 139 and 140 large sulfide zone heavy fe staining shear zone, calcite, well weathered with chalcopyrite and arsenopyrite zone ends at 020 DEG. Fault. Strike- 325 Dip-080.

MM96-068: 5320 ft. elevation located 150m and due south of trench small zone sandwiched by QZ bellow and calcite stringers above (barren) disseminated sulfide little to none fe staining argillite contact 1m north fine to medium grained sulfide arsenopyrite? And chalcopyrite strike-295 dip-082.

MM96-069 5,380 ft. elevation located 5m and due north of trench 139 small stringers of sulfide rich calcite, fe staining is localized to zone large cubic pyrite crystals some arsenopyrite strike-340 dip-076.

Au - 270 ppb Ag - 2.2 ppm
As - 180 ppm Cu - 81 ppm
Co - 90ppm

MM96-070: 5380 ft. elevation located between trenches 123 and 125 fe stained area, weathered with barren calcite veins cutting 90 DEG. To shear zone. Disseminated sulfide chalcopyrite possible arsenopyrite? Strike -225 dip-068.

A96 - 13 Float of rusty diorite; outside with minor disseminated pyrite.

Au - 55 ppb Ag - 2.0 ppm
As - 140 ppm Cu - 126 ppm
Co - 36 ppm

A96 - 14 and
A96 - 15 Grab for mostly dacite/argillite with minor disseminated pyrite. The rock occupies an area 10 x 10 meters.

A96 - 16 Float of rusty andesite with 2 % disseminated pyrrhotite. Float is coming from the cliff above.

A96 - 17 Float of strongly carbonate-chlorite-sericite altered rock with 1% pyrrhotite.

- A96 - 18 Float of very strongly carbonate altered rock; trace pyrite, minor wad and limonite.
- A96 - 19 Float of very strongly carbonate altered rock with 3% pyrite, wad and minor limonite.
- A96 - 20 Grab from zone of carbonated andesite brecciated and healed by calcite. It contains 1-2% disseminated pyrite. Thickness 0.5 meters, can be traced for 10 meters; terminated on both ends by rock.
- A96 - 21 Float of silicified aphanitic dacite (?) with 3% tetrahedrite, 3% pyrite, 2% pyrrhotite, minor sphalerite.
- A96 - 22 Float of silicified aphanitic dacite, with 15% pyrite, 5% pyrrhotite, 3% black sulfide, minor sphalerite.
- A96 - 23 Float of altered dacite (?) with 20% disseminated pyrite.
- | | |
|-------------|--------------|
| Au - 25 ppb | Ag - 1.6 ppm |
| As - <5 ppm | Cu - 341 ppm |
| Co - 58 ppm | |
- A96 - 24 Grab from small pod of rusty altered diorite.
- A96 - 25 Grab from rusty andesite/dacite lapilli tuff with < 1% pyrite.
- A96 - 26 Grab from dacite with minor pyrite and pyrrhotite.
- A96 - 38 Grab from calcite cemented fault breccia. Minor limonite and wad. Fault zone 2 meters wide.
- | | |
|-------------|---------------|
| Au - 35 ppb | Ag - 3.6 ppm |
| As - <5 ppm | Cu - 1035 ppm |
| Co - 19 ppm | |
- A96 - 39 Chip 1.0 meters from vuggy quartz-calcite vein. Width 0.5-1.0 m, can be traced for 20 meters - terminated on both ends by snow. Contains 0.5% pyrite and 0.5% chalcopyrite, minor malachite.
- | | |
|--------------|---------------|
| Au - 240 ppb | Ag - 7.4 ppm |
| As - 15 ppm | Cu - 4528 ppm |
| Co - 40 ppm | |
- A96 - 40 Grab from very siliceous dacite dyke 1-3 meters wide with minor chlorite and trace pyrite.
- | | |
|-------------|--------------|
| Au - 5 ppb | Ag - 3.4 ppm |
| As - <5 ppm | Cu - 336 ppm |
| Co - 13 ppm | |
- A96 - 41 Chip 0.35 m, from 0.3-0.4 m wide vuggy limonitic quartz vein. Can be traced for 4 m.
- | | |
|-------------|---------------|
| Au - 20 ppb | Ag - 9.8 ppm |
| As - <5 ppm | Cu - 6216 ppm |

Co - 15 ppm

A96 - 42

Float of limonitic silicified argillite breccia.

Au - 350 ppb

Ag - 2.0 ppm

As - 35 ppm

Cu - 129 ppm

Co - 8 ppm

A96 - 43

Chip 0.6 m across vuggy limonitic quartz vein 0.4-0.7 m wide with 1% pyrite and chalcopyrite. Can be traced for 20 m.

Au - 0.125opt

Ag - 13.4 ppm

As - 25 ppm

Cu - 1559 ppm

Co - 48 ppm

A96 - 44

Chip across 1.2 m from zone 4 x 1.2 m wide of sericite altered andesitic rocks with 2% pyrite and minor arsenopyrite. The zone is at the contact with fault which run 340/v.

Au - 100 ppb

Ag - 2.6 ppm

As - 70 ppm

Cu - 145 ppm

Co - 28 ppm

A96 - 45

Chip 1.2 m from argillite with minor pyrite.

Au - 55 ppb

Ag - <2 ppm

As - 150 ppm

Cu - 144 ppm

Co - 43 ppm

A96 - 46

Grab from soft, limonitic fault gouge (?). Only small portion can be seen.

A96 - 47

Grab from rusty argillite.

A96 - 48

Float of augite-hornblende porphyritic dacite with 1% pyrrhotite and 0.5% arsenopyrite.

A96 - 49

Grab from small irregular intrusion of dacite with 2% pyrrhotite.

A96 - 50

Grab from strongly limonitic argillite with 1-2% disseminated pyrite.

A96 - 51

Grab from silicified dyke of aphanitic dacite. Trace pyrite dike 2 m wide.

A96 - 52

Grab from small pod of strongly limonitic andesitic rock with 10% pyrite.

A96 - 53

Grab from strongly limonitic andesite lapilli tuff with 2-3% pyrite.

A96 - 54

Float of augite porphyritic andesite (also minor olivine) with 1% pyrrhotite.

A96 - 55

Chip 1.0 m from rusty diabase dyke with 1-2% pyrite and pyrrhotite.

A96 - 56

Chip 15 cm across shear vein replaced by quartz with 15% pyrite and 10% arsenopyrite (average), locally up to 60% sulfides. Width 10-20 cm. Can be traced for 7-8 m.

Au - 0.18 opt

Ag - 1.6 opt

As - 9.12 %

Cu - 3.09 %

- Co - 324 ppm
- A96 - 57 Chip 20 cm from strongly limonitic (and wad) sheared andesitic rocks. Only small part of the zone can be seen (faulted off).
- | | |
|--------------|--------------|
| Au - 20 ppb | Ag - 0.2 ppm |
| As - 170 ppm | Cu - 70 ppm |
| Co - 45 ppm | |
- A96 - 58 Grab from irregular pod of quartz-sericite-pyrite (3%).
- | | |
|--------------|--------------|
| Au - 85 ppb | Ag - 0.4 ppm |
| As - 495 ppm | Cu - 109 ppm |
| Co - 10 ppm | |
- A96 - 59 Grab from 5 cm wide shear veins replaced by quartz with 7% pyrite.
- | | |
|----------------|--------------|
| Au - 0.079 opt | Ag - 8.4 ppm |
| As - 1080 ppm | Cu - 984 ppm |
| Co - 43 ppm | |
- A96 - 60 Float of vein quartz with 10% pyrite (big boulder).
- | | |
|--------------|--------------|
| Au - 260 ppb | Ag - 0.4 ppm |
| As - 340 ppm | Cu - 38 ppm |
| Co - 48 ppm | |
- A96 - 61 Float of quartz vein with 5% pyrite, 1% arsenopyrite.
- | | |
|--------------|--------------|
| Au - 700 ppb | Ag - 2.8 ppm |
| As - 105 ppm | Cu - 63 ppm |
| Co - 46 ppm | |
- A96 - 66 Grab from limonitic silicified andesite lapilli tuff.
- A96 - 67 Grab from andesite with 1% disseminated pyrite.
- A96 - 68 Grab from rusty andesite with minor pyrite.
- A96 - 69 Chip across 10 cm wide strongly limonitic quartz vein. Vein can be traced for 5 m.
- A96 - 70 Grab from rusty diabase with 2% pyrite and pyrrhotite. Only part of the intrusion (3 x 3 m) can be seen.
- A96 - 71 Float of dacite with 1% pyrrhotite.
- A96 - 72 Grab from silicified aphanitic dacite with 5% disseminated pyrite and 0.5% black sulfide.
- A96 - 73 Grab from silicified aphanitic dacite with 10% pyrite and 0.5% black sulfide.
- A96 - 74 Grab from silicified dacite with 30% grey sulfides which include arsenopyrite (?) and/or tetrahedrite.

- A96 - 75 Grab from silicified dacite with 10% disseminated grey sulfides.
- A96 - 76 Grab from silicified aphanitic dacite with 7% pyrite and 1% grey sulfides.
- A96 - 77 Grab from silicified aphanitic dacite with 15% disseminated pyrrhotite and pyrite. Possible some tetrahedrite (?).
- | | |
|--------------|---------------|
| Au - 155 ppb | Ag - <0.2 ppm |
| As - 45 ppm | Cu - 115 ppm |
| Co - 35 ppm | |
- A96 - 78 Grab from silicified dacite with 10% grey sulfides. Sample weakly magnetic.
- A96 - 79 Grab of silicified dacite with 15% disseminated grey sulfides; also some pyrrhotite.
- A96 - 80 Grab from strongly silicified dacite (?) with 20% sulfides including pyrite, pyrrhotite and tetrahedrite (?).
- A96 - 81 Grab from silicified dacite or andesite with 10% pyrite and pyrrhotite.
- A96 - 82 Grab from silicified dacite/andesite with 10% sulfides (disseminated) including pyrite, pyrrhotite and black unidentified sulfide.
- A96 - 83 Grab from silicified andesite/dacite with 10% pyrite and pyrrhotite.
- A96 - 84 Grab from silicified andesite/dacite with 10% sulfides including disseminated pyrite, light grey sulfide and pyrrhotite.
- A96 - 85 Grab from silicified andesite/dacite with 10% very finely disseminated sulfides including pyrite, pyrrhotite and possibly other sulfides.
- A96 - 86 Grab from silicified and dacite with 7% pyrite and pyrrhotite.
- A96 - 87 Grab from silicified andesite/dacite with 5% extra fine disseminated black sulfide.
- A96 - 88 Grab from andesite/dacite with 10% disseminated pyrite and pyrrhotite, possible another black sulfide.
- A96 - 89 Grab from silicified dacite with 7% fine disseminated pyrrhotite.
- A96 - 90 Grab from silicified dacite (?) with 5% very fine disseminated pyrrhotite.
- A96 - 91 Grab from fine grained diorite with 5% disseminate pyrrhotite.
- A96 - 92 Grab from silicified dacite with 3% pyrite, pyrrhotite and arsenopyrite (?).
- A96 - 93 Chip across limonitic quartz vein 30 cm wide with over 3% arsenopyrite.
- | | |
|--------------|---------------|
| Au - 0.051 | Ag - <0.2 ppm |
| As - 2.88% | Cu - 29 ppm |
| Co - 153 ppm | |

- A96 - 94 Grab from fine grained diorite with 5% disseminated sulfide: pyrrhotite, arsenopyrite, pyrite.
- | | |
|--------------|---------------|
| Au - 5 ppb | Ag - <0.2 ppm |
| As - 190 ppm | Cu - 66 ppm |
| Co - 20 ppm | |
- A96 - 95 Grab from aphanitic dacite (?) with 20% disseminated to semi-massive pyrrhotite.
- A96 - 96 Grab from altered aphanitic dacite (?) with 7% pyrrhotite and 7% pyrite.
- A96 - 97 Grab from altered fine grained diorite with 7% pyrrhotite, 3% pyrite and 1% grey sulfide.
- A96 - 98 Grab from fine grained diorite with 10% disseminated pyrrhotite.
- A96 - 99 Chip across 20 cm wide calcite vein with 3% pyrite, minor pyrrhotite and arsenopyrite (?).
- | | |
|---------------|--------------|
| Au - 230 ppb | Ag - 1.0 ppm |
| As - 3535 ppm | Cu - 99 ppm |
| Co - 21 ppm | |
- A96 - 100 Chip across 40 cm wide quartz-sulfide vein with 3% pyrite and minor chalcopyrite vein can be traced for approximately 20 m.
- | | |
|--------------|--------------|
| Au - 20 ppb | Ag - 0.6 ppm |
| As - 625 ppm | Cu - 365 ppm |
| Co - 12 ppm | |
- A96 - 101 Grab from rusty andesite with 1% disseminated pyrrhotite.
- A96 - 132 Grab from altered dacite/andesite (?) with 3% disseminated pyrrhotite.
- A96 - 133 Float of quartz-calcite replaced rock with average 10% chalcopyrite, 5% arsenopyrite (?) and 3% pyrite. Big angular boulder approximately 80 cm across.
- A96 - 134 Grab from limonitic altered andesite (?) with 3% disseminated pyrrhotite.
- | | |
|-------------|----------------|
| Au - 20 ppb | Ag - 2.141 opt |
| As - 1.61% | Cu - 0.96% |
| Co - 41 ppm | |
- A96 - 135 Same as A96 - 134.
- | | |
|---------------|----------------|
| Au - 505 ppb | Ag - 1.123 opt |
| As - 9170 ppm | Cu - 6738 ppm |
| Co - 45 ppm | |
- A96 - 136 Same as above.
- | | |
|--------------|---------------|
| Au - 465 ppb | Ag - <0.2 ppm |
| As - 95 ppm | Cu - 198 ppm |

- Co - 17 ppm
- A96 - 137 Grab from 10 cm wide limonitic calcite vein.
- A96 - 138 Chip across 0.5 m wide calcite vein.
- | | |
|--------------|--------------|
| Au - 200 ppb | Ag - 0.8 ppm |
| As - 20 ppm | Cu - 28 ppm |
| Co - 5 ppm | |
- A96 - 139 Grab from small pod of limonitic argillite with 3% pyrite.
- | | |
|--------------|--------------|
| Au - 290 ppb | Ag - 0.8 ppm |
| As - 35 ppm | Cu - 31 ppm |
| Co - 12 ppm | |
- A96 - 140 Chip across 30 cm wide quartz vein with minor galena. Can be seen for approximately 10 cm.
- A96 - 141 Grab from irregular pod of rusty argillite with 5% pyrite.
- A96 - 171 Grab from diorite with 2% disseminated pyrite.
- A96 - 172 Chip across 30 cm wide zone of sheared limonitic andesite.
- | | |
|-------------|---------------|
| Au - 12 ppb | Ag - 22.1 ppm |
| As - 75 ppm | Cu - 161 ppm |
| Co - 8 ppm | |
- A96 - 173 Grab from silicified augite porphyritic andesite with 7% pyrite.
- | | |
|--------------|--------------|
| Au - 195 ppb | Ag - 0.4 ppm |
| As - 2 ppm | Cu - 106 ppm |
| Co - 9 ppm | |
- A96 - 174 Grab from very strongly calcite altered andesite (?) with 1% disseminated pyrite.
- A96 - 175 Same as 174; size of gossan 30 x 10 m.
- A96 - 176 Grab from 5 cm wide strongly limonitic quartz-calcite vein hosted in basalt.
- | | |
|--------------|--------------|
| Au - 33 ppb | Ag - 0.3 ppm |
| As - 173 ppm | Cu - 79 ppm |
| Co - 19 ppm | |
- A96 - 177 Grab from strongly limonitic pod 2 m across with 10% cubic pyrite accompanied by black-green chlorite.
- | | |
|--------------|--------------|
| Au - 50 ppb | Ag - 0.3 ppm |
| As - 642 ppm | Cu - 15 ppm |
| Co - 61 ppm | |
- A96 - 178 Chip across 15 cm wide vein of chlorite-carbonate with 0.5% pyrite.

Au - 620 ppb Ag - 0.3 ppm
As - 115 ppm Cu - 16 ppm
Co - 14 ppm

A96 - 179 Grab from a pod (3 x 4 m) of moderately chlorite-sericite altered andesite with 1% pyrite.

A96 - 180 Grab from pod of axinite-epidote.

A96 - 181 Grab from rusty andesite with <1% pyrite. Large area - 150 x 40 m.

A96 - 182 Grab from axinite-tremolite vein 10 cm wide.

Au - 160 ppb Ag - 0.3 ppm
As - 24 ppm Cu - 4 ppm
Co - 2 ppm

A96 - 183 Float of limonitic vein quartz from sub-outcrop.

Trench 185

A96 - 333 1.2 m chip - andesitic rocks very strongly carbonate-sericite-chlorite altered with average 7% pyrite and minor arsenopyrite.

Au - 80 ppb Ag - 2.4 ppm
As - 190 ppm Cu - 162 ppm
Co - 35 ppm

A96 - 334 1.3 m chip - same as A96 - 333.

A96 - 335 1.5 m chip - andesitic rocks very strongly carbonate-sericite-chlorite altered with 1% pyrite. Minor thin veinlets of hematite.

A96 - 336 1.5 m chip - same as A96 - 335.

A96 - 337 1.5 m chip - same as above.

A96 - 338 1.5 m chip - same as above.

A96 - 339 2.0 m chip - same as above.

Au - 5 ppb Ag - 3.6 ppm
As - 45 ppm Cu - 14 ppm
Co - 14 ppm

A96 - 340 1.8 m chip - andesitic rocks very strongly carbonate-sericite-chlorite altered with average 7% pyrite and minor arsenopyrite.

A96 - 352 Trench 184

1.5 m chip - sheared andesitic rocks very strongly sericite-carbonate-chlorite altered with up to 3% pyrite.

A96 - 353	1.5 m chip same as above		
A96 - 354	1.5 m chip same as above		
	Au - 5 ppb	Ag - 3.4 ppm	
	As - 115 ppm	Cu - 221 ppm	
	Co - 31 ppm		
A96 - 355	1.5 m chip same as above		
A96 - 356	1.5 m chip same as above		
	Au - 140 ppb	Ag - 3.0 ppm	
	As - 6 ppm	Cu - 95 ppm	
	Co - 39 ppm		
A96 - 357	1.5 m chip same as above		
A96 - 358	1.5 m chip same as above		
A96 - 359	1.1 m chip - same as A96 - 352.		
	<u>Trench 183</u>		
A96 - 360	1.5 m chip - andesite (?) very strongly sericite-carbonates-chlorite altered with minor pyrite. In places, irregular carbonate veining.		
	Au - 5 ppb	Ag - 3.2 ppm	
	As - 115 ppm	Cu - 83 ppm	
	Co - 26 ppm		
A96 - 361	1.5 m chip - same as A96 - 360.		
	Au - 45 ppb	Ag - 3.6 ppm	
	As - 45 ppm	Cu - 88 ppm	
	Co - 28 ppm		
A96 - 362	1.5 m chip - same as above, 3 cm pyrite vein.		
	Au - 300 ppb	Ag - 11.2 ppm	
	As - 120 ppm	Cu - 191 ppm	
	Co - 34 ppm		
A96 - 363	1.5 m chip - andesite (?) very strongly sericite-carbonates-chlorite altered with average 3% pyrite. In places, irregular carbonate veining.		
	Au - 30 ppb	Ag - 4.2 ppm	
	As - 70 ppm	Cu - 103 ppm	
	Co - 40 ppm		
A96 - 364	1.5 m chip - same as A96 - 363.		
	Au - 95 ppb	Ag - 4.8 ppm	
	As - 230 ppm	Cu - 87 ppm	

	Co - 36 ppm	
A96 - 365	1.5 m chip - same as above.	
A96 - 366	1.5 m chip - same as above	
	Au - 50 ppb	Ag - 3.4 ppm
	As - 80 ppm	Cu - 377 ppm
	Co - 45 ppm	
A96 - 367	1.5 m chip - same as above	
	Au - 10 ppb	Ag - 2.4 ppm
	As - 110 ppm	Cu - 200 ppm
	Co - 26 ppm	
A96 - 368	1.5 m chip - same as above	
A96 - 369	1.5 m chip - same as above	
	<u>Trench 211</u>	
A96 - 370	1.5 m chip - andesite very strongly sericite-carbonate-chlorite altered. In places also K-feldspar ? alteration. Pyrite up to 2%. Frequent carbonate veining most often at 320/vertical.	
	Au - 0.062 opt	Ag - <0.2 ppm
	As - 150 ppm	Cu - 322 ppm
	Co - 57 ppm	
A96 - 371	1.5 m chip same as above	
A96 - 372	1.5 m chip same as above	
A96 - 373	1.5 m chip same as above	
A96 - 374	1.5 m chip same as above	
	Au - 100 ppb	Ag - <0.2 ppm
	As - 85 ppm	Cu - 167 ppm
	Co - 36 ppm	
A96 - 375	1.5 m chip same as above	
A96 - 376	1.5 m chip same as above	
	Au - 140 ppb	Ag - <0.2 ppm
	As - <5 ppm	Cu - 68 ppm
	Co - 22 ppm	
A96 - 376	1.5 m chip same as above	
	Au - 140 ppb	Ag - <0.2 ppm
	As - <5 ppm	Cu - 68 ppm

Co - 22 ppm

A96 - 377 1.5 m chip same as above

Au - 460 ppb	Ag - <0.2 ppm
As - 160 ppm	Cu - 107 ppm
Co - 99 ppm	

A96 - 378 1.5 m chip same as above

Au - 600 ppb	Ag - 0.4 ppm
As - 225 ppm	Cu - 148 ppm
Co - 178 ppm	

A96 - 379 1.5 m chip same as above

Au - 250 ppb	Ag - 0.6 ppm
As - 150 ppm	Cu - 108 ppm
Co - 46 ppm	

A96 - 380 1.5 m chip - same as A96 - 370. Minor arsenopyrite and trace malachite.

Au - 995 ppb	Ag - 1.6 ppm
As - 820 ppm	Cu - 715 ppm
Co - 145 ppm	

A96 - 381 1.5 m chip - same as above.

Au - 610 ppb	Ag - 1.0 ppm
As - 810 ppm	Cu - 196 ppm
Co - 42 ppm	

A96 - 382 1.0 m chip - same as above.

Trench 212

A96 - 383 1.5 m chip - andesitic rock very strongly sericite-carbonate-chlorite altered with average 1% pyrite. Sparse irregular carbonate veining.

A96 - 384 1.0 m chip - same as above, plus 5% pyrite as disseminations and thin veinlets.

Au - 15 ppb	Ag - 4.6 ppm
As - 160 ppm	Cu - 167 ppm
Co - 25 ppm	

A96 - 385 1.0 m chip - same as above.

Au - 25 ppb	Ag - 2.8 ppm
As - 125 ppm	Cu - 177 ppm
Co - 30 ppm	

A96 - 386 1.2 m chip - same as A96 - 383.

Trench 213

A96 - 387 1.5 m chip - andesite very strongly sericite-carbonate-chlorite altered. Pyrite 0.5%. Irregular carbonate veining.

Au - 0.593 opt	Ag - 5.2 ppm
As - 1534 ppm	Cu - 709 ppm
Co - 322 ppm	

A96 - 388 1.5 m chip - same as A96 - 387.

Au - 230ppb	Ag - <0.2 ppm
As - 45 ppm	Cu - 73 ppm
Co - 41 ppm	

A96 - 389 1.0 m chip - same as above.

Au - 275 ppb	Ag - <0.2 ppm
As - 80 ppm	Cu - 129 ppm
Co - 31 ppm	

A96 - 390 Grab from 7 cm wide quartz-limonite vein which can be traced for 3-4 m.

Trench 192

A96 - 391 1.5 m chip - all samples are of very strongly sericite-carbonate-chlorite altered andesite with up to 2% pyrite.

A96 - 392 1.5 m chip same as above

A96 - 393 1.8 m chip - same as A96 - 391.

Trench 214

A96 - 394 1.5 m chip - andesitic rocks very strongly sericite-chlorite lesser carbonate altered. Pyrite up to 1%. Limonite and wad on fractures.

Au - 0.162 opt	Ag - 1.4 ppm
As - 540 ppm	Cu - 139 ppm
Co - 130 ppm	

A96 - 395 1.0 m chip - andesitic rocks very strongly carbonate-chlorite lesser sericite and K-feldspar ? altered. Pyrite up to 3%.

Au - 0.247 opt	Ag - 1.8 ppm
As - 360 ppm	Cu - 224 ppm
Co - 110 ppm	

A96 - 396 1.1 m chip - same as A96 - 395.

Trench 195 - Extension

A96 - 397 1.1 m chip - from extension of trench 195 to the south. The is of very strongly carbonate-sericite-chlorite altered andesitic rocks with 0.5% disseminated pyrite.

Au - 140 ppb	Ag - <0.2 ppm
As - 50 ppm	Cu - 99 ppm

Co - 33 ppm

Trench 191

A96 - 398 1.0 m chip - all samples are of very strongly carbonates-sericite-chlorite and locally K-feldspar altered with pyrite up to 3% and locally minor arsenopyrite. Frequent carbonate veining with most prominent orientation being 300 - 320 deg., locally foliation with the same orientation can be seen. Minor arsenopyrite.

Au - 180 ppb Ag - 0.4 ppm
As - 300 ppm Cu - 101 ppm
Co - 51 ppm

A96 - 399 1.0 m chip same as above

A96 - 400 1.0 m chip same as above

Au - 325 ppb Ag - 0.2 ppm
As - 2170 ppm Cu - 178 ppm
Co - 32 ppm

A96 - 584 1.0 m chip same as above

Au - 80 ppb Ag - <0.2 ppm
As - 960 ppm Cu - 123 ppm
Co - 41 ppm

A96 - 585 1.0 m chip same as above

A96 - 586 1.0 m chip same as above

A96 - 587 1.0 m chip same as above

Au - 535 ppb Ag - <0.2 ppm
As - 140 ppm Cu - 163 ppm
Co - 34 ppm

A96 - 588 1.0 m chip same as above

A96 - 589 1.0 m chip same as above

A96 - 590 1.0 m chip same as above

Au - 70 ppb Ag - <0.2 ppm
As - 945 ppm Cu - 118 ppm
Co - 113 ppm

A96 - 591 1.0 m chip same as above

A96 - 592 1.0 m chip same as above

A96 - 593 1.0 m chip same as above

A96 - 594 1.0 m chip same as above

- A96 - 595 1.0 m chip same as above
- A96 - 596 1.0 m chip same as above
- A96 - 597 1.0 m chip same as above
- A96 - 598 1.2 m chip - same as A96 - 584. Trace arsenopyrite.
- | | |
|--------------|---------------|
| Au - 10 ppb | Ag - <0.2 ppm |
| As - 135 ppm | Cu - 72 ppm |
| Co - 31 ppm | |
- A96 - 599 1.6 m chip - from feldspar-augite porphyritic andesite with minor disseminated pyrite.
- A96 - 600 Grab from host rock of augite porphyry andesite with 5% disseminated pyrite approximately 15 cm from Merle's sample 007. Outcrop is 30 x 30 cm, located 10 m at 60 deg. from big boulder. Outcrop (bigger) located 1 m from the sample, looks completely barren.
- Trench 181
- A96 - 601 1.0 m chip - andesite lapilli tuff very strongly chlorite-carbonate-sericite altered with pyrite up to 3% and sporadically trace arsenopyrite.
- A96 - 602 1.0 m chip - same as A96 - 601.
- | | |
|--------------|--------------|
| Au - 235 ppb | Ag - 0.4 ppm |
| As - 140 ppm | Cu - 169 ppm |
| Co - 32 ppm | |
- A96 - 603 1.0 m chip - same as above.
- A96 - 604 1.0 m chip - same as A96 - 601, with 5-8% pyrite and up to 1% arsenopyrite.
- | | |
|---------------|--------------|
| Au - 330 ppb | Ag - 0.6 ppm |
| As - 1370 ppm | Cu - 258 ppm |
| Co - 109 ppm | |
- A96 - 605 1.0 m chip - same as A96 - 601.
- A96 - 606 1.0 m chip same as above
- | | |
|---------------|---------------|
| Au - 255 ppb | Ag - <0.2 ppm |
| As - 1445 ppm | Cu - 96 ppm |
| Co - 163 ppm | |
- A96 - 607 1.0 m chip same as above
- A96 - 608 1.0 m chip same as above
- A96 - 609 1.0 m chip - same as A96 - 604.
- A96 - 610 1.25 m chip - same as above.

Au - 65 ppb Ag - 0.4 ppm
As - 885 ppm Cu - 194 ppm
Co - 33 ppm

Trench 180

A96 - 611 1.0 m chip - all samples are of very strongly carbonate-chlorite-sericite altered feldspar porphyritic andesite. Minor pyrite. In places, irregular carbonate veining, possible K-feldspar alteration in places.

A96 - 612 1.0 m chip same as above

A96 - 613 1.0 m chip same as above

Au - 265 ppb Ag - 0.2 ppm
As - 20 ppm Cu - 43 ppm
Co - 18 ppm

A96 - 614 1.0 m chip same as above

Au - 280 ppb Ag - 0.4 ppm
As - 30 ppm Cu - 77 ppm
Co - 25 ppm

Trench 179

A96 - 616 1.0 m chip - all samples are of sheared very strongly carbonate-sericite lesser chlorite altered rock with average 1-2% disseminated pyrite. Shearing orientation 285-295 throughout whole interval with vertical dip. Also locally K-feldspar ? alteration. Sample A96 - 618 has a 20 cm section with 15% pyrite.

Au - 215 ppb Ag - 10.8 ppm
As - 3930 ppm Cu - 54 ppm
Co - 38 ppm

A96 - 617 1.0 m chip same as above

A96 - 618 1.0 m chip same as above

A96 - 619 1.0 m chip same as above

A96 - 620 1.0 m chip same as above

Au - 310 ppb Ag - 1.2 ppm
As - 280 ppm Cu - 175 ppm
Co - 35 ppm

A96 - 621 1.0 m chip same as above

Au - 155 ppb Ag - 2.8 ppm
As - 595 ppm Cu - 72 ppm
Co - 20 ppm

A96 - 622 1.0 m chip same as above

A96 - 623 1.4 m chip - same as A96 - 616.

Au - 5 ppb	Ag - 18 ppm
As - 130 ppm	Cu - 47 ppm
Co - 17 ppm	

Trench 178

A96 - 624 1.0 m chip same as above.

Au - 55 ppb	Ag - 4.4 ppm
As - 250 ppm	Cu - 76 ppm
Co - 16 ppm	

A96 - 625 1.0 m chip same as above.

Au - 15 ppb	Ag - 1.8 ppm
As - 190 ppm	Cu - 81 ppm
Co - 17 ppm	

A96 - 626 1.0 m chip same as above.

Au - 15 ppb	Ag - 1.0 ppm
As - 495 ppm	Cu - 52 ppm
Co - 17 ppm	

A96 - 627 1.0 m chip same as above

A96 - 628 1.0 m chip same as above

Trench 177

A96 - 629 1.0 m chip - all samples are at sheared very strongly carbonate-sericite-chlorite-K-feldspar altered andesitic rocks. Pyrite less than 1%. Shearing 320 deg.

A96 - 630 1.0 m chip same as above

A96 - 631 1.0 m chip same as above

Au - 5 ppb	Ag - 1.8 ppm
As - 180 ppm	Cu - 75 ppm
Co - 25 ppm	

A96 - 633 and

Trench 176

A96 - 634 1.0 m chip - sheared very strongly carbonate-sericite-chlorite-K-feldspar altered andesitic rocks. Average pyrite content 1%. Shearing 310/vertical.

A96 - 635 0.65 m chip - same as above. Pyrite content 7%. Locally very limonitic.

Au - 100 ppb	Ag - 1.2 ppm
As - 420 ppm	Cu - 126 ppm
Co - 26 ppm	

Trench 174

TP - 1 1.5 m chip - sheared, chloritic, andesite, minor pyrite
TP - 2 1.5 m chip - same as above
TP - 3 1.0 m chip - same as above
TP - 4 1.0 m chip - same as above
TP - 5 1.0 m chip - same as above

Trench 175

TP - 6 1 m chip - sheared, chloritic, andesite
TP - 7 1 m chip - same as above
TP - 8 1 m chip - same as above

Trench 176

TP - 9 1 m chip - disseminated sulfides, small gossan zone approximately 25 cm at TP - 9.
Sheared, very strongly carbonate - sericite - chloritic, K-spar altered andesite - average
pyrite content 1%.

Au - 140ppb Ag - 0.4ppm
As - 485ppm Cu - 132ppm
Co - 28ppm

TP - 10 1 m chip - same as above sample, TP - 9.
TP - 11 1 m chip - same as above.
TP - 12 1 m chip - same as above.

Trench 173

TP - 13 1 m chip - sheared, chloritic, andesite
TP - 14 1 m chip same as above
TP - 15 1 m chip - same as above

Trench 172

TP - 16 1 m chip - sheared, chloritic, andesite
TP - 17 1 m chip - same as above

Au - 360ppb Ag - 0.4ppm
As - 1685ppm Cu - 709ppm
Co - 212ppm

Trench 171

TP - 18 1 m chip - sheared, chloritic, andesite, minor gossan in area
TP - 19 1 m chip - same as above
TP - 20 1 m chip - same as above
TP - 21 1 m chip - same as above

Trench 170

TP - 22 1 m chip - sheared, chloritic, andesite with minor 20 am of sulfides

 Au - 240ppb Ag - 0.6ppm
 As - 125ppm Cu - 67ppm
 Co - 24ppm

TP - 23 1 m chip - same as above

 Au - 0.038opt Ag - 4.4ppm
 As - 535ppm Cu - 2330ppm
 Co - 115ppm

TP - 24 1 m chip - same as above

Trench 169

TP - 25 1 m chip - sheared, chloritic, andesite

TP - 26 1 m chip - same as above

Trench 168

TP - 27 1 m chip - sheared, chloritic, andesite, minor disassembled sulfides

TP - 28 1 m chip - same as above

TP - 29 1 m chip - same as above

TP - 30 1 m chip - same as above

Trench 167

TP - 31 1 m chip - andesite, no visible sulfides

TP - 32 1 m chip - same as above

 Au - 50ppb Ag - <0.2ppm
 As - 120ppm Cu - 156ppm
 Co - 18ppm

TP - 33 1 m chip - same as above

TP - 34 1 m chip - same as above

 Au - 120 ppb Ag - <0.2ppm
 As - 235ppm Cu - 101ppm
 Co - 34ppm

TP - 35 1 m chip - same as above

 Au - 175ppb Ag - <0.2ppm
 As - 145ppm Cu - .231ppm
 Co - 44ppm

TP - 36 1 m chip - same as above

Trench 166

TP - 37 1 m chip - sheared andesite

TP - 38 1 m chip - same as above

TP - 39 1.5 m chip - same as above

Trench 165

TP - 40 1 m chip - sheared, andesite, minor sulfide

 Au - 10ppb Ag - <0.2ppm
 As - 485ppm Cu - 30ppm
 Co - 13ppm

TP - 41 1 m chip - same as above

 Au - 45ppb Ag - 0.4ppm
 As - 220ppm Cu - 31ppm
 Co - 21ppm

TP - 42 1 m chip - same as above

TP - 43 1 m chip - same as above

Trench 164

TP - 44 1 m chip - pyrite andesite, just west of H-1 Zone

 Au - 30ppb Ag - 0.2ppm
 As - 605ppm Cu - 125ppm
 Co - 33ppm

TP - 45 1 m chip - same as above

TP - 46 1 m chip - same as above

TP - 47 1 m chip - same as above

Trench 163

TP - 48 1 m chip - sheared, pyrite, andesite / seated along stringer zone.

Au - 5ppb Ag - 0.8ppm
As - 160ppm Cu - 190ppm
Co - 8ppm

TP - 49 1 m chip - same as above

Au - 5ppb Ag - 0.8ppm
As - 275ppm Cu - 378ppm
Co - 8ppm

TP - 50 1 m chip - same as above

TP - 51 1 m chip - same as above

TP - 52 1 m chip - same as above

TP - 53 1 m chip - same as above

TP - 54 1 m chip - same as above

TP - 55 1 m chip - same as above

Au - 615ppb Ag - 1.4ppm
As - 525ppm Cu - 243ppm
Co - 510ppm

Trench 162

TP - 56 1 m chip - same zone as in trench 163

TP - 57 1 m chip - same as above

TP - 58 1 m chip - same as above

TP - 59 1 m chip - same as above

TP - 60 1 m chip - same as above

TP - 61 1 m chip - same as above

TP - 62 1 m chip - same as above

TP - 63 1 m chip - same as above

TP - 64 1 m chip - same as above

Au - 250ppb Ag - 300ppm

As - 325ppm
Co - 349ppm

Cu - 1278ppm

TP - 65

1 m chip - same as above

Au - 165ppb
As - 110ppm
Co - 163ppm

Ag - 0.6ppm
Cu - 419ppm

TP - 66

1 m chip - same as above

Trench 161

TP - 67 1 m chip - light grey andesite with micro veinlets of calcite and disseminated pyrite

TP - 68 1 m chip - same as above, minor chalcopyrite and arsenopyrite?

Au - 0.051 opt	Ag - 3.4 ppm
As - 255 ppm	Cu - 1471 ppm
Co - 208 ppm	

TP - 69 1 m chip - same as above - TP-67

Au - 375ppb	Ag - 1.4 ppm
As - 75 ppm	Cu - 590 ppm
Co - 39 ppm	

TP - 70 1 m chip - same as above

Au - 40ppb	Ag - 1.6 ppm
As - 70 ppm	Cu - 774 ppm
Co - 41 ppm	

TP - 71 1 m chip - same as above

TP - 72 1 m chip - same as above

TP - 73 1 m chip - same as above

Trench 138

TP - 74 1 m chip - highly sheared, chloritic, andesite with pyrite / arsenopyrite mineralization.

TP - 75 1 m chip - same as above

Au - 0.038opt	Ag - 4.4ppm
As - 535ppm	Cu - 2330ppm
Co - 115ppm	

TP - 76 1 m chip - same as above

Au - 925ppb	Ag - 4.6ppm
As - 1765ppm	Cu - 838ppm
Co - .03%	

TP - 77 1 m chip - same as above

Au - 745ppb	Ag - 3.6ppm
As - 2965ppm	Cu - 361ppm
Co - 0.032%	

TP - 78 1 m chip - same as above

Au - 555ppb	Ag - 3.0ppm
As - 6190ppm	Cu - 241ppm

	Co - 0.062%	
TP - 79	1 m chip - same as above	
	Au - 270ppb	Ag - 1.0ppm
	As - 375ppm	Cu - 302ppm
	Co - 52ppm	
TP - 80	1 m chip - same as above	
	Au - 230ppb	Ag - 0.8ppm
	As - 125ppm	Cu - 182ppm
	Co - 22ppm	
TP - 81	1 m chip - same as above	
	Au - 480ppb	Ag - 3.2ppm
	As - 2890ppm	Cu - 281ppm
	Co - 155ppm	
TP - 82	1 m chip - andesite, no visible sulfides	
	Au - 530ppb	Ag - 3.4ppm
	As - 440ppm	Cu - 402ppm
	Co - 73ppm	
TP - 83	1 m chip - same as above	
	Au - 145ppb	Ag - <0.2ppm
	As - 2965ppm	Cu - 194ppm
	Co - 34ppm	
TP - 84	1 m chip - same as above	
TP - 85	1 m chip - same as above	
TP - 86	1 m chip - same as above	
	Au - 490ppb	Ag - 5.2ppm
	As - 3925ppm	Cu - .653ppm
	Co - 0.038%ppm	
TP - 87	1 m chip - same as above	
	Au - 175ppb	Ag - 5.0ppm
	As - 685ppm	Cu - 905ppm
	Co - 86ppm	
TP - 88	1 m chip - same as above	
	Au - 95ppb	Ag - 4.4ppm
	As - 295ppm	Cu - 767ppm

	Co - 48ppm	
TP - 89	1 m chip -	same as above
	Au - 140ppb	Ag - 2.2ppm
	As - 100ppm	Cu - 431ppm
	Co - 33ppm	
TP - 90	1.5 m chip -	same as above
	Au - 135ppb	Ag - 1.2ppm
	As - 110ppm	Cu - 106ppm
	Co - 36ppm	
TP - 91	1 m chip -	same as above
	Au - 130ppb	Ag - <0.2ppm
	As - 235ppm	Cu - 15ppm
	Co - 27ppm	
TP - 92	1 m chip -	green, chloritic andesite, minor pyrite
TP - 93	1 m chip -	same as above
TP - 94	1 m chip -	same as above
	Au - 95ppb	Ag - 0.4ppm
	As - 40ppm	Cu - 28ppm
	Co - 128ppm	
TP - 95	1 m chip -	Sheared, andesite, minor, arsenopyrite / pyrite
	Au - 520ppb	Ag - 3.2ppm
	As - 205ppm	Cu - 88ppm
	Co - 52ppm	
TP - 96	1 m chip -	same as above
TP - 97	1 m chip -	same as above
	Au - 105ppb	Ag - 0.6ppm
	As - 10ppm	Cu - 76ppm
	Co - 34ppm	
TP - 98	1 m chip -	sheared, chloritic, pyrite andesite
	Au - 265ppb	Ag - 2.4ppm
	As - 15ppm	Cu - 161ppm
	Co - 18ppm	
TP - 99	1 m chip -	same as above
	Au - 130ppb	Ag - 1.4ppm

	As - <5ppm	Cu - 135ppm
	Co - 26ppm	
TP - 100	1 m chip -	same as above
TP - 101	1 m chip -	same as above
TP - 102	1 m chip -	same as above
	Au - 465ppb	Ag - 2.4ppm
	As - 130ppm	Cu - 141ppm
	Co - 64ppm	
TP - 103	1 m chip -	same as above
TP - 104	1 m chip -	same as above
TP - 105	1 m chip -	same as above
	Au - 180ppb	Ag - 0.6ppm
	As - 115ppm	Cu - 139ppm
	Co - 20ppm	
TP - 106	1 m chip -	same as above
TP - 107	1 m chip -	same as above
TP - 108	1 m chip -	same as above
	<u>Trench 140</u>	
TP - 109	1 m chip -	sheared andesite with pyrite / arsenopyrite
	Au - 155ppb	Ag - <0.2ppm
	As - <5ppm	Cu - 19ppm
	Co - 19ppm	
TP - 110	1 m chip -	same as above
	Au - 165ppb	Ag - 0.4ppm
	As - 30ppm	Cu - 110ppm
	Co - 84ppm	
TP - 111	1 m chip -	same as above
TP - 112	1 m chip -	same as above
	Au - 360ppb	Ag - 1.2ppm
	As - 45ppm	Cu - 36ppm
	Co - 68ppm	
TP - 113	1 m chip -	same as above
TP - 114	1 m chip -	same as above

TP - 115	1 m chip -	same as above		
		Au - 180ppb	Ag - <0.2ppm	
		As - 10ppm	Cu - 26ppm	
		Co - 25ppm		
TP - 116	1 m chip -	same as above		
TP - 117	1 m chip -	same as above		
		Au - 780ppb	Ag - 1.2ppm	
		As - 90ppm	Cu - 33ppm	
		Co - 66ppm		
TP - 118	1 m chip -	same as above		
		Au - 4700ppb	Ag - 0.6 ppm	
		As - 15 ppm	Cu - 82 ppm	
		Co - 36 ppm		
		<u>Trench 142</u>		
TP - 119	1 m chip -	Rusty, dark green andesite, minor arseo pyrite and pyrite		
		Au - 195ppb	Ag - <0.2 ppm	
		As - <5 ppm	Cu - 24 ppm	
		Co - 23 ppm		
TP - 120	1 m chip -	same as above		
TP - 121	1 m chip -	same as above		
TP - 122	1 m chip -	same as above		
		<u>Trench 143</u>		
TP - 123	1 m chip -	Rusty andesite with minor areso pyrite? And pyrite		
TP - 124	1 m chip -	same as above.		
		Au - 375ppb	Ag - 2.2 ppm	
		As - 190 ppm	Cu - 119 ppm	
		Co - 112 ppm		
TP - 125	1 m chip -	same as above		
TP - 126	1 m chip -	same as above		
		Au - 120ppb	Ag - 0.6ppm	
		As - 35ppm	Cu - 153ppm	
		Co - 88ppm		

TP - 127	1 m chip -	same as above		
	Au -	150ppb	Ag -	1.0ppm
	As -	20ppm	Cu -	168ppm
	Co -	70ppm		
TP - 128	1 m chip -	same as above		
TP - 129	1 m chip -	same as above		
TP - 130	1 m chip -	same rock as Trench 143		
TP - 131	1 m chip -	same as above		
TP - 132	1 m chip -	same as above		
	Au -	10ppb	Ag -	1.0ppm
	As -	45ppm	Cu -	541ppm
	Co -	34ppm		
TP - 133	1 m chip -	same as above		
TP - 134	1 m chip -	same as above		
TP - 135	1 m chip -	same as above		
	<u>Trench 145</u>			
TP - 136	1 m chip -	sheared, chloritic andesite, minor sulfides		
	Au -	280ppb	Ag -	1.2ppm
	As -	1255ppm	Cu -	775ppm
	Co -	116ppm		
TP - 137	1 m chip -	same as above		
	Au -	90ppb	Ag -	0.6ppm
	As -	355ppm	Cu -	332ppm
	Co -	46ppm		
TP - 138	1 m chip -	same as above		
TP - 139	1 m chip -	same as above		
TP - 140	1.5 m chip -	same as above		
TP - 141	1 m chip -	same as above		
TP - 142	1 m chip -	same as above		
TP - 143	1 m chip -	same as above		
TP - 144	1 m chip -	same as above		

Au - 310ppb Ag - 9.8ppm
As - 230ppm Cu - 1087ppm
Co - 578ppm

Trench 148

TP - 145 1 m chip - Sheared, chloritic andesite

 Au - 0.065opt Ag - 1.8ppm
 As - 720ppm Cu - 547ppm
 Co - 96ppm

TP - 146 1 m chip - same as above

 Au - 0.072 opt Ag - 0.4 ppm
 As - 680 ppm Cu - 204 ppm
 Co - 70 ppm

TP - 147 1 m chip - same as above

 Au - 0.086opt Ag - 2.8ppm
 As - 2300ppm Cu - 599ppm
 Co - 188ppm

TP - 148 1 m chip - same as above

 Au - 335ppb Ag - 4.0ppm
 As - 220ppm Cu - 660ppm
 Co - 36ppm

TP - 149 1 m chip - same as above

 Au - 80ppb Ag - 1.4ppm
 As - 200ppm Cu - 229ppm
 Co - 30ppm

TP - 150 1 m chip - same as above

 Au - 40ppb Ag - 1.0 ppm
 As - 115 ppm Cu - 136 ppm
 Co - 19 ppm

TP - 151 1 m chip - same as above

 Au - 215ppb Ag - 1.6 ppm
 As - 2435 ppm Cu - 411 ppm
 Co - 107 ppm

TP - 152 1 m chip - same as above

 Au - 130ppb Ag - 6.2ppm
 As - 240ppm Cu - 3095ppm

Co - 29ppm

Trench 147

TP - 153	1 m chip -	sheared, pyrite andesite		
	Au - 100ppb		Ag - 2.2 ppm	
	As - 740 ppm		Cu - 156 ppm	
	Co - 65 ppm			
TP - 154	1 m chip -	same as above		
	Au - 840ppb		Ag - 12.2 ppm	
	As - 3155 ppm		Cu - 1004 ppm	
	Co - 221 ppm			
TP - 155	1 m chip -	same as above		
	Au - 0.079opt		Ag - 10.4ppm	
	As - 8395ppm		Cu - 574ppm	
	Co - 544ppm			
TP - 156	1 m chip -	same as above		
	Au - 0.082opt		Ag - 9.8 ppm	
	As - 8590 ppm		Cu - 745 ppm	
	Co - 686 ppm			
TP - 157	1 m chip -	same as above		
	Au - 0.108opt		Ag - 8.8 ppm	
	As - 5250 ppm		Cu - 726 ppm	
	Co - 518 ppm			
TP - 158	1 m chip -	same as above		
	Au - 70ppb		Ag - 3.2 ppm	
	As - 225 ppm		Cu - 182 ppm	
	Co - 27 ppm			
TP - 159	1 m chip -	same as above		
	Au - 80ppb		Ag - 4.4ppm	
	As - 390ppm		Cu - 260ppm	
	Co - 36ppm			
TP - 160	1 m chip -	same as above		
	Au - 115ppb		Ag - 3.8ppm	
	As - 225ppm		Cu - 213ppm	
	Co - 38ppm			
TP - 161	1 m chip -	same as above		

Au - 285ppb Ag - 4.4 ppm
As - 400 ppm Cu - 272 ppm
Co - 63 ppm

TP - 162 1 m chip - same as above

Au - 640ppb Ag - 11.6ppm
As - 6225ppm Cu - 408ppm
Co - 211ppm

Trench 146

TP - 163 1 m chip - sheared, rusty andesite

Au - 40ppb Ag - 3.6 ppm
As - 60 ppm Cu - 152 ppm
Co - 32 ppm

TP - 164 1 m chip - same as above

Au - 55ppb Ag - 5.2 ppm
As - 75 ppm Cu - 177 ppm
Co - 43 ppm

TP - 165 1 m chip - same as above

TP - 166 1 m chip - same as above

TP - 167 1 m chip - same as above

TP - 168 1 m chip same as above, minor chalcopyrite and arsenopyrite?

TP - 169 1 m chip - same as above - TP-67

Au - 100ppb Ag - 1.4 ppm
As - 135 ppm Cu - 346 ppm
Co - 24 ppm

TP - 170 1 m chip - same as above

Au - 200ppb Ag - 3.2 ppm
As - 310 ppm Cu - 1355 ppm
Co - 57 ppm

TP - 171 1 m chip - same as above

Au - 800ppb Ag - 3.6 ppm
As - 2490 ppm Cu - 796 ppm
Co - 200 ppm

TP - 172 1 m chip - same as above

TP - 173 1 m chip - same as above

TP - 174 1 m chip - same as above