

| Sample Name  | Locality                                   | UTM                        | Rock Type   | Symbol | Colour | Mg Number |
|--|--|----------------------------|---|--------|--------|-----------|
| <b>CRETACEOUS INTRUSIVE (~112 Ma)</b>                            |  |                            |   |        |        |           |
| JH97-188   | Pak property                               | 6801020N;413940E           | felsic intrusive, white weathering, fine-grained, moderately foliated   | 3      | 14     | 13.42     |
| <b>SIMPSON RANGE PLUTONIC SUITE (~345Ma)</b>                     |  |                            |   |        |        |           |
| JH97-FL MQZ  | near Fire Lake                             | 6789950N;423750E           | pink quartz monzonite, non-foliated, very coarse grained, primarily quartz, ksp and hornblende  | 6      | 1      | 35.19     |
| JH97-FL PMGDR  | near Fire Lake                             | 6789850N;423800E           | granodiorite, unfoliated  | 4      | 1      | 50.52     |
| JH97-84  | near Fire Lake                             | 6788575N;420350E           | tectonised pink quartz monzonite  | 6      | 1      | 36.57     |
| JH97-77 (W14170)   | Fyre Lake property                         | 6788220N;418120E           | biotite-quartz schist, grey and white banded with numerous quartz veins and veinlets, numerous flattened white blebs in plane of foliation (?feldspar), possible meta intrusive (sips?), weathers white to pale rusty brown                               | 3      | 2      | 61.96     |
| <b>CAMPBELL RANGE BELT</b>                                       |  |                            |   |        |        |           |
| JH97-120   | Money property area                        | 6812090N;444050E           | mafic metavolc. breccia, foliated, chloritic, fine-grained matrix with light green fragments  | 3      | 1      | 62.02     |
| JH97-122   | Money property area                        | 68 11.9N;44 373E           | fine-grained, cream-coloured breccia  | 6      | 2      | 59.38     |
| 96JT-122   | Money property area                        |                            |   |        |        |           |
| JH97-124B  | Money property area                        | 6811475N;443150E           | pillowed mafic phyric metavolc, local epidote alteration and calcite veinlets.  | 6      | 2      | 50.91     |
| JH97-126   | Money property area                        | 681313N;443400E            | mafic metavolc. breccia, green, foliated, fine-grained, fragments are visible only on the weathered surface   | 3      | 1      | 65.84     |
| JH97-129   | Money property area                        | 6812080N;444600E           | mafic metavolc, pillows ~ 1 m across, with mafic metavolcanic breccia matrix  | 3      | 1      | 51.37     |
| JH97-130   | Money property area                        | 6814850N;439000E           | mafic to ?intermediate metavolcanic pillow breccia, light green, locally chloritic, weather to a cream colour.  | 3      | 1      | 59.08     |
| JH97-131   | Money property area                        | 6815200N;438525E           | mafic to ?intermediate metavolcanic pillow breccia, light green, locally chloritic, weathers to a cream colour.   | 3      | 1      | 57.14     |
| JH97-132   | Money property area                        | 6815650N;438075E           | mafic to ?intermediate metavolcanic pillow breccia, light green, locally chloritic, weathers to a cream colour.   | 10     | 2      | 58.37     |
| JH97-132B  | Money property area                        | 6815650N;438075E           | mafic to ?intermediate metavolcanic pillow breccia, light green, locally chloritic, weathers to a cream colour.   | 3      | 1      | 54.41     |
| JH97-133   | Money property area                        | 6815000N;437850E           | pale green phyllite, fine-grained, foliated, locally laminated  | 6      | 2      | 60.62     |
| JH97-134   | Money property area                        | 6814650N;438475E           | pale green phyllite, fine-grained, foliated, locally laminated  | 6      | 2      | 41.68     |
| JH97-135B  | Welcome North Creek                        | 6808680N;447360E           | mafic metavolc pillow breccia, weathers dark green, fresh is medium green, fragments are visible only on weathered surface, sparse chlorite blebs < 1 mm across and rare epidote.   | 3      | 1      | 54.53     |
| JH97-141   | Welcome North Creek                        | 6808710N;446940E           | Mafic to ?intermediate pillowed metavolc, with pillows 1.5-2m across and epidote alteration, contains pyrite crystals 0.5 cm long partly replaced by ?hematite.   | 3      | 1      | 57.02     |
| JH97-173   | Money property area                        | 6824674N;439936E           | leuco gabbro  | 3      | 1      | 71.59     |
| JH97-173   | Money property area                        | 6824674N;439936E           | leuco gabbro  | 3      | 1      | 74.51     |
|  |  |                            |   |        |        |           |
| JH97-174   | SE end of Wolverine Lake                   | 6814010N;438986E           | Pillowed mafic volcs, medium green, fine-grained, pillows < 0.5 m across  | 6      | 2      | 53.90     |
| JH97-193   | Ice property, junction of road (on 11200N) | 6862580N;376860E           | metabasalt, dark green, massive, fine-grained, grainy, weakly epidotized (upper unit)   | 8      | 4      | 47.00     |
| JH97-194   | Ice property, top of ridge                 | 6863010N;376490E           | massive basalt, dark green, fine-grained, grainy, weakly epidotized, weathers dark brown, highly fractured, hard to get a fresh surface (from within brecciated basalt unit)  | 8      | 4      | 45.81     |
| JH97-195   | Ice property, half way up                  | 6862940N;376720E           | porphyritic metabasalt, green phenos, weathers rusty brown to dark green with brighter green phenos, fractured, rubbly outcrop  | 8      | 4      | 59.30     |
| JH97-196   | Ice property, end of ridge                 | 6862560N;376130E           | massive metabasalt, dark green with tiny chlorite blebs, grainy, weathers dark brown, rubbly  | 8      | 4      | 55.98     |
| <b>DATA FROM EXPATRIATE RESOURCES - analyzed by Chemex Labs.</b> |  |                            |   |        |        |           |
| N111050  | Ice property                               | DDH IC96-03-90.75-92.81m   | Brecciated metabasalt (unit BRBS) - below chalcopyrite at 60-62m & above sulphide band at 120m  | 7      | 4      | 70.07     |
| N111108  | Ice property                               | DDH IC96-02-80.77-82.60m   | brecciated metabasalt (unit BRBS)   | 7      | 4      | 59.68     |
| N110292  | Ice property                               | DDH IC96-07-44.72-45.72m   | massiveporphyritic metabasalt (unit MSBS)   | 7      | 4      | 52.45     |
| N110293  | Ice property                               | DDH IC96-06-88.13-90.25m   | diabase (unit MSBS), below Cu zone at 19.5-26.4m  | 7      | 4      | 50.90     |
| N110294  | Ice property                               | DDH IC96-05-22.98-24.08m   | massive metabasalt (unit MSBS)  | 7      | 4      | 45.51     |
| N110037  | Ice property                               | DDH IC96-24-62.98m         | cryptocrystalline argillite (unit MSCH)   | 7      | 4      | 25.84     |
| N110038  | Ice property                               | DDH IC96-24-54.04m         | cherty metasilstone (unit SLST)   | 7      | 4      | 34.34     |
| N110039  | Ice property                               | DDH IC96-24-77.70m         | cryptocrystalline argillite (unit MSCH)   | 7      | 4      | 49.00     |
| N110040  | Ice property                               | DDH IC96-34-43.90m         | massive metabasalt (unit MSBS), hanging wall to massive sulphides   | 7      | 4      | 43.35     |
| N110041  | Ice property                               | DDH IC96-34-97.00m         | massive metabasalt (unit MSBS), footwall to massive sulphides   | 7      | 4      | 55.28     |
| N114101  | Ice property                               | DDH ID97-01-67.50-68.93m   | massive metabasalt (unit MSBS)  | 7      | 4      | 52.44     |
| N114102  | Ice property                               | DDH ID97-03-22.27-23.42m   | massive metabasalt (unit MSBS)  | 7      | 4      | 51.34     |
| N114103  | Ice property                               | DDH ID97-03-163.46-164.67m | massive metabasalt (unit MSBS)  | 7      | 4      | 55.41     |
| N114104  | Ice property                               | DDH ID96-11-59.13-59.68m   | massive metabasalt (unit MSBS), medium grained  | 7      | 4      | 30.28     |
| N114107  | Ice property                               |                            | ?   |        |        |           |
| <b>YUKON TANANA TERRANE - UNIT 3/Mk</b>                          |  |                            |   |        |        |           |
| JH97-183   | Pak property                               | 6799540N;413940E           | muscovite-quartz schist, rusty weathering, banded light and dark (felsic meta-volc)   | 3      | 14     | 34.28     |
| JH97-184   | Pak property                               | 6799790N;413910E           | muscovite-quartz schist, white to rusty weathering, banded light and dark, lighter coloured than JH97-183 (felsic meta-volc)  | 3      | 14     | 28.71     |
| JH97-185   | Pak property                               | 6800070N;414040E           | felsic metavolcanic?, fine-grained, white, slightly rusty, white weathering   | 3      | 14     | 17.06     |
| JH97-191   | Pak property                               | 6801930N;414270E           | muscovite-quartz schist, rusty weathering, intensely folded (felsic meta-volc). Outcrop locally contains bands of massive quartz-pyrite 10 to 20 cm thick, minor carbonaceous phyllite bands 5 to 10 cm thick, and is cut by narrow, folded felsic dykes. | 3      | 14     | 28.22     |
| JH97-75  | Fire Lake area                             | 6790005N;420200E           | meta-rhy, cherty, rusty orange weathering, strongly foliated  | 6      | 2      | 14.09     |
| <b>YUKON TANANA TERRANE - UNIT 2/DMf</b>                         |  |                            |   |        |        |           |
| JH97-57  | 105G/7                                     | 6796400N;413870E           | chlorite schist, fine-grained, locally with tourmaline ?porphyroblasts, (mafic flow?)   | 3      | 2      | 67.85     |

| Sample Name  | SiO <sub>2</sub> | TiO <sub>2</sub> | Al <sub>2</sub> O <sub>3</sub> | Fe <sub>2</sub> O <sub>3</sub> * | MnO   | MgO   | CaO   | Na <sub>2</sub> O | K <sub>2</sub> O | P <sub>2</sub> O <sub>5</sub> | LOI  | Cr  |
|--|------------------|------------------|--------------------------------|----------------------------------|-------|-------|-------|-------------------|------------------|-------------------------------|------|-----|
| <b>CRETACEOUS INTRUSIVE (~112 Ma)</b>                            |                  |                  |                                |                                  |       |       |       |                   |                  |                               |      |     |
| JH97-188   | 72.09            | 0.08             | 14.46                          | 1.15                             | 0.03  | 0.09  | 1.02  | 5.18              | 4.51             | 0.03                          | 0.92 | -10 |
| <b>SIMPSON RANGE PLUTONIC SUITE (~345Ma)</b>                     |                  |                  |                                |                                  |       |       |       |                   |                  |                               |      |     |
| JH97-FL MQZ  | 70.61            | 0.25             | 14.00                          | 3.83                             | 0.07  | 1.05  | 3.22  | 2.67              | 3.44             | 0.08                          | 1.33 | 16  |
| JH97-FL PMGDR  | 62.87            | 0.46             | 14.35                          | 6.75                             | 0.12  | 3.48  | 5.88  | 2.27              | 2.70             | 0.11                          | 1.62 | 118 |
| JH97-84  | 71.86            | 0.71             | 6.30                           | 3.47                             | 0.05  | 1.01  | 7.98  | 1.64              | 0.94             | 0.22                          | 5.86 | 38  |
| JH97-77 (W14170)   | 74.97            | 0.10             | 13.92                          | 1.69                             | 0.03  | 1.39  | 1.45  | 2.59              | 3.06             | 0.04                          | 1.27 | -10 |
| <b>CAMPBELL RANGE BELT</b>                                       |                  |                  |                                |                                  |       |       |       |                   |                  |                               |      |     |
| JH97-120   | 50.63            | 1.45             | 14.75                          | 9.92                             | 0.11  | 8.18  | 5.79  | 2.71              | 2.84             | 0.15                          | 3.47 | 296 |
| JH97-122   | 45.29            | 0.84             | 20.43                          | 8.10                             | 0.18  | 5.98  | 9.77  | 2.89              | 1.55             | 0.09                          | 4.49 | 158 |
| 96JT-122   | 37.69            | 4.46             | 17.48                          | 23.54                            | 0.15  | 6.85  | 1.65  | 0.20              | 2.15             | 0.57                          | 5.79 | 71  |
| JH97-124B  | 49.22            | 1.43             | 16.52                          | 9.28                             | 0.12  | 4.86  | 10.38 | 3.32              | 1.69             | 0.48                          | 2.94 | 349 |
| JH97-126   | 49.52            | 1.08             | 13.99                          | 9.73                             | 0.17  | 9.47  | 9.21  | 3.35              | 0.61             | 0.09                          | 3.10 | 320 |
| JH97-129   | 46.65            | 1.67             | 14.52                          | 13.50                            | 0.23  | 7.20  | 7.56  | 2.91              | 1.27             | 0.16                          | 4.48 | 149 |
| JH97-130   | 47.28            | 1.24             | 15.67                          | 10.78                            | 0.17  | 7.86  | 9.69  | 2.93              | 1.06             | 0.10                          | 3.62 | 331 |
| JH97-131   | 47.31            | 1.41             | 15.13                          | 11.11                            | 0.13  | 7.48  | 10.68 | 2.09              | 1.17             | 0.10                          | 3.31 | 355 |
| JH97-132   | 46.96            | 1.10             | 16.22                          | 9.04                             | 0.15  | 6.40  | 11.53 | 3.78              | 0.26             | 0.08                          | 4.30 | 369 |
| JH97-132B  | 42.69            | 1.10             | 12.08                          | 10.09                            | 0.16  | 6.08  | 16.46 | 2.57              | 0.53             | 0.13                          | 7.32 | 211 |
| JH97-133   | 48.98            | 1.84             | 15.56                          | 9.39                             | 0.14  | 7.30  | 7.77  | 3.45              | 1.47             | 0.35                          | 3.05 | 266 |
| JH97-134   | 68.35            | 0.71             | 12.87                          | 6.76                             | 0.26  | 2.44  | 1.43  | 1.75              | 2.55             | 0.19                          | 2.65 | 45  |
| JH97-135B  | 50.57            | 1.86             | 13.44                          | 12.07                            | 0.15  | 7.31  | 5.71  | 4.19              | 1.42             | 0.23                          | 2.42 | 36  |
| JH97-141   | 46.48            | 1.28             | 17.21                          | 11.00                            | 0.17  | 7.37  | 8.16  | 3.99              | 0.25             | 0.15                          | 3.56 | 402 |
| JH97-173   | 52.50            | 0.39             | 16.67                          | 5.95                             | 0.13  | 7.57  | 10.62 | 3.43              | 0.09             | 0.05                          | 3.37 | 84  |
| JH97-173   | 48.93            | 0.28             | 17.56                          | 6.64                             | 0.10  | 9.80  | 10.76 | 3.07              | 0.09             | 0.02                          | 3.41 | 254 |
|  |                  |                  |                                |                                  |       |       |       |                   |                  |                               |      |     |
| JH97-174   | 49.40            | 1.52             | 14.31                          | 10.62                            | 0.17  | 6.27  | 9.56  | 4.40              | 0.14             | 0.15                          | 3.11 | 96  |
| JH97-193   | 47.72            | 2.17             | 13.50                          | 13.87                            | 0.21  | 6.21  | 9.96  | 2.58              | 0.11             | 0.19                          | 3.38 | 81  |
| JH97-194   | 49.41            | 2.12             | 12.98                          | 14.22                            | 0.22  | 6.07  | 10.04 | 2.95              | 0.24             | 0.28                          | 2.45 | 60  |
| JH97-195   | 47.87            | 0.84             | 16.45                          | 8.63                             | 0.19  | 6.35  | 10.08 | 3.82              | 0.76             | 0.07                          | 3.91 | 282 |
| JH97-196   | 49.13            | 1.33             | 14.42                          | 11.32                            | 0.19  | 7.27  | 9.64  | 3.52              | 0.04             | 0.13                          | 3.16 | 180 |
| <b>DATA FROM EXPATRIATE RESOURCES - analyzed by Chemex Labs.</b> |                  |                  |                                |                                  |       |       |       |                   |                  |                               |      |     |
| N111050  | 44.12            | 1.23             | 13.47                          | 11.58                            | 0.18  | 13.69 | 6.52  | 1.39              | 0.83             | 0.11                          | 0.00 | 0   |
| N111108  | 46.78            | 1.18             | 13.89                          | 11.68                            | 0.20  | 8.73  | 7.78  | 2.47              | 0.39             | 0.09                          | 0.00 | 0   |
| N110292  | 48.39            | 1.43             | 13.28                          | 12.89                            | 0.22  | 7.18  | 9.07  | 3.31              | 0.91             | 0.11                          | 0.00 | 0   |
| N110293  | 47.69            | 1.58             | 13.08                          | 12.74                            | 0.20  | 6.67  | 9.97  | 3.07              | 0.33             | 0.14                          | 0.00 | 0   |
| N110294  | 46.01            | 2.26             | 13.15                          | 15.22                            | 0.23  | 6.42  | 7.78  | 3.52              | 0.24             | 0.20                          | 0.00 | 0   |
| N110037  | 82.74            | 0.38             | 7.69                           | 3.41                             | 0.05  | 0.60  | 0.10  | 0.01              | 1.84             | 0.05                          | 0.00 | 0   |
| N110038  | 74.07            | 0.66             | 9.66                           | 3.37                             | 0.17  | 0.89  | 2.30  | 0.00              | 2.62             | 0.24                          | 0.00 | 0   |
| N110039  | 77.62            | 0.36             | 7.74                           | 3.03                             | 0.08  | 1.47  | 1.30  | 0.00              | 1.91             | 0.14                          | 0.00 | 0   |
| N110040  | 49.24            | 1.59             | 11.03                          | 17.47                            | 0.22  | 6.75  | 6.16  | 2.11              | 0.10             | 0.13                          | 0.00 | 0   |
| N110041  | 50.53            | 0.91             | 14.92                          | 9.10                             | 0.14  | 5.68  | 7.66  | 4.77              | 0.46             | 0.09                          | 0.00 | 0   |
| N114101  | 47.65            | 1.56             | 13.14                          | 12.18                            | 0.21  | 6.78  | 10.60 | 3.20              | 0.27             | 0.14                          | 0.00 | 0   |
| N114102  | 47.33            | 1.86             | 12.96                          | 13.25                            | 0.22  | 7.06  | 9.79  | 3.07              | 0.15             | 0.18                          | 0.00 | 0   |
| N114103  | 48.13            | 1.37             | 12.87                          | 12.35                            | 0.19  | 7.75  | 9.11  | 3.65              | 0.19             | 0.13                          | 0.00 | 0   |
| N114104  | 47.12            | 3.17             | 10.82                          | 18.51                            | 0.27  | 4.06  | 7.72  | 3.28              | 0.22             | 0.29                          | 0.00 | 0   |
| N114107  | 50.79            | 1.01             | 16.14                          | 8.19                             | 0.16  | 7.54  | 9.62  | 4.07              | 0.04             | 0.04                          | 2.97 | 57  |
| <b>YUKON TANANA TERRANE - UNIT 3/Mk</b>                          |                  |                  |                                |                                  |       |       |       |                   |                  |                               |      |     |
| JH97-183   | 90.23            | 0.19             | 4.04                           | 2.05                             | 0.02  | 0.54  | 0.04  | 0.08              | 1.42             | 0.03                          | 0.90 | 58  |
| JH97-184   | 68.84            | 0.27             | 17.16                          | 1.77                             | 0.04  | 0.36  | 0.09  | 0.94              | 9.65             | 0.06                          | 1.31 | 11  |
| JH97-185   | 75.85            | 0.30             | 12.85                          | 0.77                             | -0.01 | 0.08  | 0.03  | 1.50              | 7.97             | 1.10                          | 0.52 | 44  |
| JH97-191   | 93.91            | 0.14             | 3.36                           | 1.36                             | 0.01  | 0.27  | 0.05  | 0.07              | 1.10             | 0.04                          | 0.60 | 43  |
| JH97-75  | 76.66            | 0.18             | 10.90                          | 1.69                             | 0.02  | 0.14  | 1.52  | 0.25              | 7.74             | 0.04                          | 1.59 | 11  |
| <b>YUKON TANANA TERRANE - UNIT 2/DMf</b>                         |                  |                  |                                |                                  |       |       |       |                   |                  |                               |      |     |
| JH97-57  | 56.21            | 0.23             | 13.54                          | 7.74                             | 0.11  | 8.25  | 9.81  | 2.71              | 0.40             | 0.03                          | 1.13 | 310 |

| Sample Name  | Ni  | Co | Sc | V   | Cu  | Pb | Zn  | Bi    | In    | Sn    | W     | Mo    |
|--|-----|----|----|-----|-----|----|-----|-------|-------|-------|-------|-------|
| <b>CRETACEOUS INTRUSIVE (~112 Ma)</b>                            |     |    |    |     |     |    |     |       |       |       |       |       |
| JH97-188   | -10 | 1  | 0  | 8   | -10 | 27 | 50  | -0.20 | -0.20 | 1.00  | -0.50 | 0.50  |
| <b>SIMPSON RANGE PLUTONIC SUITE (~345Ma)</b>                     |     |    |    |     |     |    |     |       |       |       |       |       |
| JH97-FL MQZ  | -10 | 7  | 0  | 59  | -10 | 12 | 40  | -0.20 | -0.20 | -1.00 | -0.50 | -0.50 |
| JH97-FL PMGDR  | -10 | 20 | 0  | 142 | 19  | 16 | 64  | -0.20 | -0.20 | 2.00  | 0.70  | 2.40  |
| JH97-84  | 13  | 7  | 0  | 49  | 14  | 12 | 51  | -0.20 | -0.20 | 2.00  | 0.60  | 0.90  |
| JH97-77 (W14170)   | -10 | 1  | 0  | 9   | -10 | 35 | 34  | -0.20 | -0.20 | 4.00  | 1.40  | 2.10  |
| <b>CAMPBELL RANGE BELT</b>                                       |     |    |    |     |     |    |     |       |       |       |       |       |
| JH97-120   | 88  | 35 | 0  | 294 | 75  | -5 | 80  | -0.20 | -0.20 | -1.00 | -0.50 | 0.70  |
| JH97-122   | 29  | 31 | 0  | 189 | 55  | -5 | 62  | -0.20 | -0.20 | -1.00 | 1.40  | -0.50 |
| 96JT-122   | 83  | 25 |    | 460 | 282 | -5 | 221 | 0.12  | -0.1  | 2.3   | 0.3   | 1.6   |
| JH97-124B  | 112 | 29 | 0  | 214 | 45  | -5 | 60  | -0.20 | -0.20 | -1.00 | 0.50  | 0.80  |
| JH97-126   | 86  | 44 | 0  | 247 | 98  | -5 | 67  | -0.20 | -0.20 | -1.00 | -0.50 | -0.50 |
| JH97-129   | 37  | 50 | 0  | 388 | 66  | -5 | 105 | -0.20 | -0.20 | -1.00 | -0.50 | -0.50 |
| JH97-130   | 51  | 47 | 0  | 251 | 104 | -5 | 81  | -0.20 | -0.20 | 2.00  | -0.50 | -0.50 |
| JH97-131   | 21  | 41 | 0  | 292 | 83  | -5 | 59  | -0.20 | -0.20 | -1.00 | -0.50 | -0.50 |
| JH97-132   | 78  | 57 | 0  | 225 | 76  | -5 | 74  | -0.20 | -0.20 | -1.00 | -0.50 | -0.50 |
| JH97-132B  | -10 | 37 | 0  | 220 | 81  | -5 | 71  | -0.20 | -0.20 | 5.00  | -0.50 | -0.50 |
| JH97-133   | 88  | 40 | 0  | 309 | 55  | -5 | 86  | -0.20 | -0.20 | 2.00  | 0.60  | -0.50 |
| JH97-134   | 63  | 6  | 0  | 99  | 30  | 10 | 70  | -0.20 | -0.20 | 1.00  | 1.20  | 1.30  |
| JH97-135B  | 118 | 44 | 0  | 304 | 65  | 10 | 107 | -0.20 | -0.20 | 2.00  | -0.50 | 0.70  |
| JH97-141   | 104 | 51 | 0  | 260 | 42  | -5 | 112 | -0.20 | -0.20 | 7.00  | -0.50 | -0.50 |
| JH97-173   | 64  | 29 | 0  | 171 | 39  | -5 | 34  | -0.20 | -0.20 | -1.00 | -0.50 | 0.70  |
| JH97-173   | 165 | 33 | 0  | 113 | 59  | -5 | 33  | -0.20 | -0.20 | 2.00  | -0.50 | -0.50 |
|  |     |    |    |     |     |    |     |       |       |       |       |       |
| JH97-174   | 44  | 52 | 0  | 319 | 94  | -5 | 85  | -0.20 | -0.20 | -1.00 | -0.50 | -0.50 |
| JH97-193   | -10 | 44 | 0  | 424 | 75  | -5 | 102 | -0.20 | -0.20 | 1.00  | -0.50 | 1.00  |
| JH97-194   | 12  | 42 | 0  | 427 | 60  | -5 | 88  | -0.20 | -0.20 | 1.00  | -0.50 | -0.50 |
| JH97-195   | 105 | 34 | 0  | 215 | 82  | -5 | 57  | -0.20 | -0.20 | -1.00 | -0.50 | 0.80  |
| JH97-196   | 31  | 38 | 0  | 317 | 44  | -5 | 75  | -0.20 | -0.20 | 4.00  | -0.50 | 0.60  |
| <b>DATA FROM EXPATRIATE RESOURCES - analyzed by Chemex Labs.</b> |     |    |    |     |     |    |     |       |       |       |       |       |
| N111050  | 0   | 0  | 0  | 0   | 0   | 0  | 0   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| N111108  | 0   | 0  | 0  | 0   | 0   | 0  | 0   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| N110292  | 0   | 0  | 0  | 0   | 0   | 0  | 0   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| N110293  | 0   | 0  | 0  | 0   | 0   | 0  | 0   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| N110294  | 0   | 0  | 0  | 0   | 0   | 0  | 0   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| N110037  | 0   | 0  | 0  | 0   | 0   | 0  | 0   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| N110038  | 0   | 0  | 0  | 0   | 0   | 0  | 0   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| N110039  | 0   | 0  | 0  | 0   | 0   | 0  | 0   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| N110040  | 0   | 0  | 0  | 0   | 0   | 0  | 0   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| N110041  | 0   | 0  | 0  | 0   | 0   | 0  | 0   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| N114101  | 0   | 0  | 0  | 0   | 0   | 0  | 0   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| N114102  | 0   | 0  | 0  | 0   | 0   | 0  | 0   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| N114103  | 0   | 0  | 0  | 0   | 0   | 0  | 0   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| N114104  | 0   | 0  | 0  | 0   | 0   | 0  | 0   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| N114107  | 54  | 33 |    | 192 | -10 | -5 | 55  | -0.05 | -0.1  | 0.7   | -0.2  | 0.2   |
| <b>YUKON TANANA TERRANE - UNIT 3/Mk</b>                          |     |    |    |     |     |    |     |       |       |       |       |       |
| JH97-183   | 18  | 2  | 0  | 81  | 49  | 15 | 46  | -0.20 | -0.20 | -1.00 | 1.10  | 1.50  |
| JH97-184   | 19  | 3  | 0  | 15  | -10 | 31 | 23  | -0.20 | -0.20 | 13.00 | 2.20  | 3.90  |
| JH97-185   | 219 | 1  | 0  | 8   | -10 | 21 | 15  | -0.20 | -0.20 | 8.00  | 2.00  | 6.60  |
| JH97-191   | 33  | 6  | 0  | 77  | 102 | 89 | 35  | -0.20 | -0.20 | -1.00 | 1.30  | 1.30  |
| JH97-75  | -10 | 1  | 0  | 15  | -10 | 15 | 26  | -0.20 | -0.20 | 6.00  | 1.50  | 1.00  |
| <b>YUKON TANANA TERRANE - UNIT 2/DMf</b>                         |     |    |    |     |     |    |     |       |       |       |       |       |
| JH97-57  | 117 | 33 | 0  | 258 | 19  | 33 | 31  | -0.20 | -0.20 | -1.00 | -0.50 | -0.50 |

| Sample Name  | S    | As    | Sb    | Ag   | Rb  | Cs    | Ba    | Sr   | Tl    | Ga | Li   | Ta    |
|--|------|-------|-------|------|-----|-------|-------|------|-------|----|------|-------|
| <b>CRETACEOUS INTRUSIVE (~112 Ma)</b>                            |      |       |       |      |     |       |       |      |       |    |      |       |
| JH97-188   | 0.00 | -5.00 | -0.10 | -0.5 | 60  | 1.60  | 3232  | 1073 | 0.50  | 23 | 0.00 | 0.43  |
| <b>SIMPSON RANGE PLUTONIC SUITE (~345Ma)</b>                     |      |       |       |      |     |       |       |      |       |    |      |       |
| JH97-FL MQZ  | 0.00 | -5.00 | 0.20  | -0.5 | 100 | 0.60  | 1269  | 263  | 0.50  | 14 | 0.00 | 0.57  |
| JH97-FL PMGDR  | 0.00 | -5.00 | 0.10  | -0.5 | 83  | 0.70  | 949   | 279  | 0.50  | 16 | 0.00 | 0.61  |
| JH97-84  | 0.00 | -5.00 | 0.40  | 0.6  | 30  | 1.10  | 339   | 109  | 0.20  | 11 | 0.00 | 2.21  |
| JH97-77 (W14170)   | 0.00 | -5.00 | -0.10 | -0.5 | 104 | 3.60  | 2113  | 131  | 0.70  | 20 | 0.00 | 1.14  |
| <b>CAMPBELL RANGE BELT</b>                                       |      |       |       |      |     |       |       |      |       |    |      |       |
| JH97-120   | 0.00 | -5.00 | 0.40  | -0.5 | 65  | 2.20  | 292   | 105  | 0.10  | 16 | 0.00 | 0.51  |
| JH97-122   | 0.00 | -5.00 | 1.10  | -0.5 | 48  | 1.00  | 948   | 119  | 0.20  | 17 | 0.00 | 0.35  |
| 96JT-122   |      | 80    | 0.1   | -0.5 | 53  | 0.9   | 901   | 13.4 | 0.22  | 30 |      | 3.58  |
| JH97-124B  | 0.00 | -5.00 | 0.70  | 0.6  | 36  | 1.10  | 366   | 228  | 0.10  | 16 | 0.00 | 2.77  |
| JH97-126   | 0.00 | -5.00 | -0.10 | -0.5 | 13  | -0.50 | 114   | 42   | -0.10 | 13 | 0.00 | 0.21  |
| JH97-129   | 0.00 | -5.00 | 1.30  | -0.5 | 35  | 1.90  | 1011  | 96   | 0.20  | 20 | 0.00 | 0.51  |
| JH97-130   | 0.00 | -5.00 | 0.10  | -0.5 | 23  | 0.70  | 417   | 92   | -0.10 | 17 | 0.00 | 0.18  |
| JH97-131   | 0.00 | -5.00 | 0.40  | -0.5 | 26  | 0.70  | 139   | 519  | -0.10 | 18 | 0.00 | 0.32  |
| JH97-132   | 0.00 | -5.00 | 0.30  | -0.5 | 5   | -0.50 | 29    | 94   | -0.10 | 14 | 0.00 | 0.17  |
| JH97-132B  | 0.00 | -5.00 | 0.40  | -0.5 | 11  | -0.50 | 67    | 313  | -0.10 | 13 | 0.00 | 0.31  |
| JH97-133   | 0.00 | -5.00 | 0.80  | 1.2  | 40  | 1.30  | 1302  | 146  | 0.10  | 18 | 0.00 | 2.53  |
| JH97-134   | 0.00 | -5.00 | 0.40  | -0.5 | 86  | 1.80  | 1656  | 626  | 0.30  | 16 | 0.00 | 1.03  |
| JH97-135B  | 0.00 | -5.00 | 0.20  | -0.5 | 32  | 0.90  | 179   | 50   | -0.10 | 15 | 0.00 | 0.79  |
| JH97-141   | 0.00 | -5.00 | 0.20  | 2.1  | 4   | -0.50 | 75    | 80   | -0.10 | 16 | 0.00 | 0.59  |
| JH97-173   | 0.00 | -5.00 | -0.10 | 0.5  | 1   | -0.50 | 38    | 133  | -0.10 | 14 | 0.00 | 0.09  |
| JH97-173   | 0.00 | -5.00 | 0.20  | -0.5 | 1   | -0.50 | 55    | 267  | -0.10 | 12 | 0.00 | -0.05 |
|  |      |       |       |      |     |       |       |      |       |    |      |       |
| JH97-174   | 0.00 | -5.00 | 0.30  | 0.5  | 3   | -0.50 | 97    | 111  | -0.10 | 19 | 0.00 | 0.38  |
| JH97-193   | 0.00 | -5.00 | -0.10 | -0.5 | 2   | -0.50 | 150   | 142  | -0.10 | 19 | 0.00 | 0.30  |
| JH97-194   | 0.00 | -5.00 | -0.10 | -0.5 | 4   | -0.50 | 157   | 182  | 0.60  | 19 | 0.00 | 0.27  |
| JH97-195   | 0.00 | -5.00 | -0.10 | -0.5 | 18  | -0.50 | 241   | 79   | -0.10 | 13 | 0.00 | 0.09  |
| JH97-196   | 0.00 | -5.00 | -0.10 | -0.5 | 2   | -0.50 | 113   | 51   | -0.10 | 15 | 0.00 | 0.83  |
| <b>DATA FROM EXPATRIATE RESOURCES - analyzed by Chemex Labs.</b> |      |       |       |      |     |       |       |      |       |    |      |       |
| N111050  | 0.00 | 0.00  | 0.00  | 0.0  | 8   | 0.00  | 155   | 286  | 0.00  | 0  | 0.00 | 0.00  |
| N111108  | 0.00 | 0.00  | 0.00  | 0.0  | 8   | 0.00  | 155   | 52   | 0.00  | 0  | 0.00 | 0.00  |
| N110292  | 0.00 | 0.00  | 0.00  | 0.0  | 18  | 0.00  | 200   | 136  | 0.00  | 0  | 0.00 | 0.00  |
| N110293  | 0.00 | 0.00  | 0.00  | 0.0  | 2   | 0.00  | 405   | 214  | 0.00  | 0  | 0.00 | 0.00  |
| N110294  | 0.00 | 0.00  | 0.00  | 0.0  | 2   | 0.00  | 1495  | 228  | 0.00  | 0  | 0.00 | 0.00  |
| N110037  | 0.00 | 0.00  | 0.00  | 0.0  | 72  | 0.00  | 6045  | 10   | 0.00  | 0  | 0.00 | 0.00  |
| N110038  | 0.00 | 0.00  | 0.00  | 0.0  | 96  | 0.00  | 4995  | 18   | 0.00  | 0  | 0.00 | 0.00  |
| N110039  | 0.00 | 0.00  | 0.00  | 0.0  | 78  | 0.00  | 4080  | 30   | 0.00  | 0  | 0.00 | 0.00  |
| N110040  | 0.00 | 0.00  | 0.00  | 0.0  | 0   | 0.00  | 90    | 52   | 0.00  | 0  | 0.00 | 0.00  |
| N110041  | 0.00 | 0.00  | 0.00  | 0.0  | 6   | 0.00  | 160   | 96   | 0.00  | 0  | 0.00 | 0.00  |
| N114101  | 0.00 | 0.00  | 0.00  | 0.0  | 6   | 0.00  | 271   | 214  | 0.00  | 0  | 0.00 | 0.00  |
| N114102  | 0.00 | 0.00  | 0.00  | 0.0  | 3   | 0.00  | 184   | 182  | 0.00  | 0  | 0.00 | 0.00  |
| N114103  | 0.00 | 0.00  | 0.00  | 0.0  | 4   | 0.00  | 62    | 74   | 0.00  | 0  | 0.00 | 0.00  |
| N114104  | 0.00 | 0.00  | 0.00  | 0.0  | 4   | 1.00  | 571   | 134  | 0.00  | 0  | 0.00 | 0.00  |
| N114107  |      | -5    | -0.05 | -0.5 | 0.8 | 0.2   | 41    | 112  | -0.05 | 14 |      | 0.09  |
| <b>YUKON TANANA TERRANE - UNIT 3/Mk</b>                          |      |       |       |      |     |       |       |      |       |    |      |       |
| JH97-183   | 0.00 | -5.00 | -0.10 | -0.5 | 56  | 2.50  | 11308 | 145  | 0.30  | 9  | 0.00 | 0.81  |
| JH97-184   | 0.00 | -5.00 | -0.10 | -0.5 | 204 | 2.10  | 4484  | 87   | 1.30  | 31 | 0.00 | 2.03  |
| JH97-185   | 0.00 | -5.00 | 0.20  | 0.6  | 144 | 1.40  | 1460  | 55   | 1.40  | 23 | 0.00 | 2.51  |
| JH97-191   | 0.00 | -5.00 | -0.10 | -0.5 | 33  | 1.40  | 10651 | 78   | 0.60  | 6  | 0.00 | 0.82  |
| JH97-75  | 0.00 | -5.00 | 0.30  | -0.5 | 193 | 1.20  | 2962  | 58   | 1.30  | 13 | 0.00 | 0.79  |
| <b>YUKON TANANA TERRANE - UNIT 2/DMf</b>                         |      |       |       |      |     |       |       |      |       |    |      |       |
| JH97-57  | 0.00 | -5.00 | 0.20  | -0.5 | 19  | 4.70  | 1128  | 206  | 0.10  | 12 | 0.00 | -0.05 |

| Sample Name  | Nb   | Hf    | Zr  | Ti | Y  | Th    | U     | La    | Ce     | Pr    | Nd    | Sm    |
|--|------|-------|-----|----|----|-------|-------|-------|--------|-------|-------|-------|
| <b>CRETACEOUS INTRUSIVE (~112 Ma)</b>                            |      |       |     |    |    |       |       |       |        |       |       |       |
| JH97-188   | 5.0  | 3.00  | 89  | 0  | 6  | 2.60  | 1.30  | 4.30  | 7.90   | 0.92  | 3.40  | 0.80  |
| <b>SIMPSON RANGE PLUTONIC SUITE (~345Ma)</b>                     |      |       |     |    |    |       |       |       |        |       |       |       |
| JH97-FL MQZ  | 5.0  | 2.90  | 105 | 0  | 12 | 11.00 | 1.90  | 24.00 | 43.00  | 4.41  | 14.00 | 2.60  |
| JH97-FL PMGDR  | 7.0  | 3.20  | 120 | 0  | 17 | 9.00  | 1.10  | 22.00 | 45.00  | 5.07  | 18.00 | 3.60  |
| JH97-84  | 23.0 | 6.80  | 231 | 0  | 19 | 7.70  | 2.20  | 26.00 | 53.00  | 5.79  | 23.00 | 4.40  |
| JH97-77 (W14170)   | 8.0  | 4.00  | 99  | 0  | 39 | 23.00 | 5.60  | 47.00 | 70.00  | 10.20 | 38.00 | 8.30  |
| <b>CAMPBELL RANGE BELT</b>                                       |      |       |     |    |    |       |       |       |        |       |       |       |
| JH97-120   | 7.0  | 2.30  | 80  | 0  | 28 | 0.80  | 0.90  | 5.80  | 14.00  | 2.17  | 10.00 | 3.50  |
| JH97-122   | 4.0  | 1.30  | 46  | 0  | 20 | 0.50  | 0.20  | 4.10  | 9.50   | 1.42  | 6.90  | 2.30  |
| 96JT-122   | 58   | 8.2   | 295 |    | 30 | 5     | 1.29  | 14.6  | 32.7   | 4.123 | 22.4  | 5.89  |
| JH97-124B  | 35.0 | 2.60  | 106 | 0  | 29 | 4.40  | 0.80  | 36.00 | 72.00  | 7.28  | 30.00 | 6.00  |
| JH97-126   | 3.0  | 1.70  | 61  | 0  | 24 | 0.40  | 0.10  | 3.30  | 8.80   | 1.39  | 7.30  | 2.50  |
| JH97-129   | 7.0  | 2.70  | 93  | 0  | 37 | 0.90  | 0.30  | 7.70  | 18.00  | 2.67  | 13.00 | 4.20  |
| JH97-130   | 2.0  | 2.10  | 74  | 0  | 26 | 0.30  | -0.10 | 3.30  | 9.60   | 1.56  | 8.60  | 3.00  |
| JH97-131   | 4.0  | 2.30  | 79  | 0  | 27 | 0.50  | 0.50  | 4.30  | 11.00  | 1.72  | 9.20  | 3.20  |
| JH97-132   | 2.0  | 1.60  | 51  | 0  | 25 | 0.20  | 0.30  | 2.00  | 6.40   | 1.10  | 6.20  | 2.50  |
| JH97-132B  | 5.0  | 1.70  | 62  | 0  | 25 | 0.50  | 0.20  | 4.40  | 11.00  | 1.68  | 8.80  | 2.90  |
| JH97-133   | 34.0 | 3.60  | 135 | 0  | 32 | 3.90  | 1.00  | 25.00 | 52.00  | 6.09  | 25.00 | 5.90  |
| JH97-134   | 12.0 | 4.50  | 164 | 0  | 30 | 10.00 | 3.00  | 32.00 | 67.00  | 8.04  | 32.00 | 6.80  |
| JH97-135B  | 10.0 | 3.10  | 104 | 0  | 33 | 1.20  | 0.60  | 8.60  | 20.00  | 2.77  | 14.00 | 4.20  |
| JH97-141   | 8.0  | 1.90  | 68  | 0  | 26 | 0.90  | 0.10  | 6.90  | 16.00  | 2.23  | 11.00 | 3.30  |
| JH97-173   | -1.0 | 0.50  | 16  | 0  | 11 | 0.10  | -0.10 | 1.40  | 3.80   | 0.57  | 2.90  | 1.10  |
| JH97-173   | -1.0 | 0.20  | 6   | 0  | 7  | -0.10 | -0.10 | 0.60  | 1.50   | 0.25  | 1.50  | 0.60  |
|  |      |       |     |    |    |       |       |       |        |       |       |       |
| JH97-174   | 5.0  | 2.40  | 85  | 0  | 33 | 0.50  | 0.50  | 5.10  | 14.00  | 2.11  | 11.00 | 3.90  |
| JH97-193   | 4.0  | 3.70  | 130 | 0  | 44 | 0.90  | 0.20  | 5.30  | 16.00  | 2.56  | 14.00 | 4.80  |
| JH97-194   | 3.0  | 3.60  | 125 | 0  | 49 | 0.40  | 0.10  | 4.80  | 14.00  | 2.40  | 13.00 | 4.70  |
| JH97-195   | 1.0  | 1.40  | 44  | 0  | 21 | 0.20  | -0.10 | 1.60  | 4.50   | 0.82  | 4.70  | 1.90  |
| JH97-196   | 3.0  | 2.10  | 76  | 0  | 31 | 0.20  | -0.10 | 2.90  | 8.80   | 1.44  | 8.30  | 3.00  |
| <b>DATA FROM EXPATRIATE RESOURCES - analyzed by Chemex Labs.</b> |      |       |     |    |    |       |       |       |        |       |       |       |
| N111050  | 2.0  | 0.00  | 33  | 0  | 14 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00  | 0.00  | 0.00  |
| N111108  | 0.0  | 0.00  | 69  | 0  | 28 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00  | 0.00  | 0.00  |
| N110292  | 2.0  | 0.00  | 63  | 0  | 30 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00  | 0.00  | 0.00  |
| N110293  | 2.0  | 0.00  | 81  | 0  | 30 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00  | 0.00  | 0.00  |
| N110294  | 4.0  | 0.00  | 114 | 0  | 46 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00  | 0.00  | 0.00  |
| N110037  | 6.0  | 0.00  | 96  | 0  | 10 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00  | 0.00  | 0.00  |
| N110038  | 14.0 | 0.00  | 168 | 0  | 20 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00  | 0.00  | 0.00  |
| N110039  | 8.0  | 0.00  | 84  | 0  | 12 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00  | 0.00  | 0.00  |
| N110040  | 2.0  | 0.00  | 99  | 0  | 28 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00  | 0.00  | 0.00  |
| N110041  | 0.0  | 0.00  | 51  | 0  | 16 | 0.00  | 0.00  | 0.00  | 0.00   | 0.00  | 0.00  | 0.00  |
| N114101  | 1.0  | 3.00  | 73  | 0  | 34 | 0.00  | 0.00  | 5.00  | 0.00   | 0.00  | 0.00  | 0.00  |
| N114102  | 2.0  | 3.00  | 87  | 0  | 39 | 0.00  | 0.00  | 6.00  | 0.00   | 0.00  | 0.00  | 0.00  |
| N114103  | 0.0  | 2.00  | 57  | 0  | 33 | 0.00  | 0.00  | 3.00  | 0.00   | 0.00  | 0.00  | 0.00  |
| N114104  | 4.0  | 6.00  | 168 | 0  | 65 | 0.00  | 0.00  | 10.00 | 0.00   | 0.00  | 0.00  | 0.00  |
| N114107  | 1.9  | 0.8   | 24  |    | 17 | 0.1   | -0.05 | 1.46  | 3.93   | 0.643 | 4.58  | 1.68  |
| <b>YUKON TANANA TERRANE - UNIT 3/Mk</b>                          |      |       |     |    |    |       |       |       |        |       |       |       |
| JH97-183   | 3.0  | 1.40  | 49  | 0  | 9  | 3.20  | 0.90  | 6.90  | 15.00  | 1.67  | 6.80  | 1.50  |
| JH97-184   | 21.0 | 7.80  | 254 | 0  | 61 | 39.00 | 6.20  | 57.00 | 141.00 | 13.20 | 46.00 | 9.60  |
| JH97-185   | 26.0 | 12.00 | 438 | 0  | 61 | 26.00 | 4.80  | 65.00 | 139.00 | 15.60 | 56.00 | 12.00 |
| JH97-191   | 2.0  | 1.00  | 35  | 0  | 7  | 2.20  | 0.70  | 3.70  | 8.10   | 1.01  | 4.10  | 1.00  |
| JH97-75  | 7.0  | 4.40  | 148 | 0  | 24 | 15.00 | 2.40  | 40.00 | 77.00  | 8.32  | 32.00 | 6.00  |
| <b>YUKON TANANA TERRANE - UNIT 2/DMf</b>                         |      |       |     |    |    |       |       |       |        |       |       |       |
| JH97-57  | -1.0 | 0.40  | 13  | 0  | 7  | 0.30  | 0.20  | 0.70  | 1.70   | 0.22  | 1.10  | 0.50  |

| Sample Name  | Eu    | Gd    | Tb   | Dy    | Ho   | Er   | Tm    | Yb   | Lu    | Be   |
|--|-------|-------|------|-------|------|------|-------|------|-------|------|
| <b>CRETACEOUS INTRUSIVE (~112 Ma)</b>                            |       |       |      |       |      |      |       |      |       |      |
| JH97-188   | 0.34  | 0.80  | 0.10 | 0.90  | 0.20 | 0.60 | 0.09  | 0.70 | 0.10  | 0.00 |
| <b>SIMPSON RANGE PLUTONIC SUITE (~345Ma)</b>                     |       |       |      |       |      |      |       |      |       |      |
| JH97-FL MQZ  | 0.72  | 2.20  | 0.40 | 2.00  | 0.40 | 1.40 | 0.20  | 1.40 | 0.22  | 0.00 |
| JH97-FL PMGDR  | 0.86  | 3.10  | 0.50 | 2.70  | 0.60 | 1.80 | 0.26  | 1.80 | 0.27  | 0.00 |
| JH97-84  | 0.91  | 3.70  | 0.60 | 3.50  | 0.70 | 2.10 | 0.31  | 2.00 | 0.28  | 0.00 |
| JH97-77 (W14170)   | 0.87  | 7.10  | 1.30 | 6.60  | 1.30 | 4.00 | 0.58  | 3.50 | 0.53  | 0.00 |
| <b>CAMPBELL RANGE BELT</b>                                       |       |       |      |       |      |      |       |      |       |      |
| JH97-120   | 1.23  | 4.30  | 0.90 | 5.00  | 1.00 | 3.10 | 0.45  | 2.90 | 0.43  | 0.00 |
| JH97-122   | 0.99  | 2.80  | 0.50 | 3.30  | 0.70 | 2.10 | 0.30  | 2.00 | 0.29  | 0.00 |
| 96JT-122   | 1.729 | 6     | 1.11 | 6.17  | 1.21 | 3.4  | 0.442 | 2.91 | 0.433 |      |
| JH97-124B  | 1.78  | 5.70  | 0.90 | 5.00  | 1.00 | 2.90 | 0.40  | 2.40 | 0.36  | 0.00 |
| JH97-126   | 0.86  | 3.30  | 0.60 | 4.00  | 0.80 | 2.60 | 0.37  | 2.40 | 0.34  | 0.00 |
| JH97-129   | 1.58  | 5.20  | 1.10 | 6.50  | 1.40 | 4.10 | 0.62  | 4.00 | 0.59  | 0.00 |
| JH97-130   | 1.17  | 3.80  | 0.70 | 4.60  | 1.00 | 2.80 | 0.42  | 2.70 | 0.40  | 0.00 |
| JH97-131   | 1.20  | 4.10  | 0.80 | 4.60  | 1.00 | 3.00 | 0.45  | 2.90 | 0.41  | 0.00 |
| JH97-132   | 0.94  | 3.40  | 0.70 | 4.20  | 0.90 | 2.70 | 0.40  | 2.50 | 0.36  | 0.00 |
| JH97-132B  | 1.09  | 3.80  | 0.70 | 4.20  | 0.90 | 2.60 | 0.40  | 2.50 | 0.35  | 0.00 |
| JH97-133   | 1.77  | 6.10  | 1.00 | 5.70  | 1.20 | 3.40 | 0.47  | 3.00 | 0.44  | 0.00 |
| JH97-134   | 1.63  | 5.80  | 0.90 | 5.10  | 1.10 | 3.30 | 0.48  | 3.20 | 0.46  | 0.00 |
| JH97-135B  | 1.21  | 5.10  | 0.90 | 5.90  | 1.30 | 3.60 | 0.57  | 3.40 | 0.51  | 0.00 |
| JH97-141   | 1.26  | 4.00  | 0.80 | 4.60  | 1.00 | 2.80 | 0.40  | 2.50 | 0.37  | 0.00 |
| JH97-173   | 0.58  | 1.50  | 0.30 | 1.90  | 0.40 | 1.20 | 0.18  | 1.20 | 0.17  | 0.00 |
| JH97-173   | 0.49  | 0.90  | 0.20 | 1.20  | 0.30 | 0.80 | 0.11  | 0.70 | 0.11  | 0.00 |
|  |       |       |      |       |      |      |       |      |       |      |
| JH97-174   | 1.39  | 5.00  | 1.00 | 5.80  | 1.30 | 3.70 | 0.54  | 3.40 | 0.47  | 0.00 |
| JH97-193   | 1.69  | 5.90  | 1.20 | 8.00  | 1.70 | 4.90 | 0.75  | 4.60 | 0.70  | 0.00 |
| JH97-194   | 1.67  | 6.30  | 1.20 | 8.10  | 1.70 | 5.30 | 0.80  | 4.80 | 0.74  | 0.00 |
| JH97-195   | 0.71  | 2.50  | 0.50 | 3.50  | 0.70 | 2.30 | 0.36  | 2.20 | 0.35  | 0.00 |
| JH97-196   | 1.01  | 3.90  | 0.80 | 5.10  | 1.10 | 3.20 | 0.53  | 3.10 | 0.48  | 0.00 |
| <b>DATA FROM EXPATRIATE RESOURCES - analyzed by Chemex Labs.</b> |       |       |      |       |      |      |       |      |       |      |
| N111050  | 0.00  | 0.00  | 0.00 | 0.00  | 0.00 | 0.00 | 0.00  | 0.00 | 0.00  | 0.00 |
| N111108  | 0.00  | 0.00  | 0.00 | 0.00  | 0.00 | 0.00 | 0.00  | 0.00 | 0.00  | 0.00 |
| N110292  | 0.00  | 0.00  | 0.00 | 0.00  | 0.00 | 0.00 | 0.00  | 0.00 | 0.00  | 0.00 |
| N110293  | 0.00  | 0.00  | 0.00 | 0.00  | 0.00 | 0.00 | 0.00  | 0.00 | 0.00  | 0.00 |
| N110294  | 0.00  | 0.00  | 0.00 | 0.00  | 0.00 | 0.00 | 0.00  | 0.00 | 0.00  | 0.00 |
| N110037  | 0.00  | 0.00  | 0.00 | 0.00  | 0.00 | 0.00 | 0.00  | 0.00 | 0.00  | 0.00 |
| N110038  | 0.00  | 0.00  | 0.00 | 0.00  | 0.00 | 0.00 | 0.00  | 0.00 | 0.00  | 0.00 |
| N110039  | 0.00  | 0.00  | 0.00 | 0.00  | 0.00 | 0.00 | 0.00  | 0.00 | 0.00  | 0.00 |
| N110040  | 0.00  | 0.00  | 0.00 | 0.00  | 0.00 | 0.00 | 0.00  | 0.00 | 0.00  | 0.00 |
| N110041  | 0.00  | 0.00  | 0.00 | 0.00  | 0.00 | 0.00 | 0.00  | 0.00 | 0.00  | 0.00 |
| N114101  | 0.00  | 0.00  | 0.00 | 0.00  | 0.00 | 0.00 | 0.00  | 0.00 | 0.00  | 0.00 |
| N114102  | 0.00  | 0.00  | 0.00 | 0.00  | 0.00 | 0.00 | 0.00  | 0.00 | 0.00  | 0.00 |
| N114103  | 0.00  | 0.00  | 0.00 | 0.00  | 0.00 | 0.00 | 0.00  | 0.00 | 0.00  | 0.00 |
| N114104  | 0.00  | 0.00  | 0.00 | 0.00  | 0.00 | 0.00 | 0.00  | 0.00 | 0.00  | 0.00 |
| N114107  | 1.075 | 2.3   | 0.49 | 3.19  | 0.66 | 2.02 | 0.27  | 1.89 | 0.293 |      |
| <b>YUKON TANANA TERRANE - UNIT 3/Mk</b>                          |       |       |      |       |      |      |       |      |       |      |
| JH97-183   | 0.40  | 1.50  | 0.30 | 1.50  | 0.30 | 1.10 | 0.16  | 1.20 | 0.19  | 0.00 |
| JH97-184   | 0.46  | 8.60  | 1.60 | 9.80  | 2.10 | 6.40 | 0.99  | 6.10 | 0.82  | 0.00 |
| JH97-185   | 1.33  | 10.00 | 1.80 | 10.00 | 2.10 | 6.30 | 0.95  | 5.80 | 0.79  | 0.00 |
| JH97-191   | 0.33  | 1.10  | 0.20 | 1.20  | 0.30 | 0.80 | 0.13  | 1.00 | 0.15  | 0.00 |
| JH97-75  | 1.13  | 5.00  | 0.80 | 4.10  | 0.90 | 2.50 | 0.35  | 2.20 | 0.34  | 0.00 |
| <b>YUKON TANANA TERRANE - UNIT 2/DMF</b>                         |       |       |      |       |      |      |       |      |       |      |
| JH97-57  | 0.22  | 0.60  | 0.10 | 1.10  | 0.30 | 0.90 | 0.15  | 1.00 | 0.18  | 0.00 |

| Sample Name                         | Locality                               | UTM              | Rock Type  | Symbol | Colour | Mg Number |
|-------------------------------------|--|------------------|--|--------|--------|-----------|
| JH97-58                             | 105G/7                                 | 6796400N;413870E | chlorite schist, fine-grained, locally with tourmaline ?porphyroblasts   | 3      | 2      | 73.69     |
| JH97-59                             | 105G/7                                 | 6796170N;413900E | metadiorite/gabbro, medium grained, green and white, minor quartz and biotite, locally contains blebs of pyrrhotite, locally weathers rusty, contains minor fine-grained disseminated pyrite | 3      | 2      | 66.61     |
| JH97-60                             | 105G/7                                 | 6794650N;414550E | metadiorite/gabbro, fine-grained   | 3      | 2      | 69.12     |
| JH97-61                             | 105G/7                                 | 6794130N;415300E | chlorite schist, fine-grained, friable, contains discontinuous biotite-rich bands  | 3      | 2      | 71.04     |
| JH97-70                             | Fyre Lake property                     | 6790200N;418000E | chlorite schist with actinolite and minor carbonate, well foliated (mafic gneiss)  | 3      | 2      | 64.89     |
| FL 96-21-20.0                       | DDH East Kona zone, Fyre Lake property |                  | chlorite schist with disseminated magnetite from the upper horizon (unit DSMG)   | 6      | 4      | 76.56     |
| FL 96-33-55.86                      | DDH East Kona zone, Fyre Lake property |                  | chlorite +/- biotite schist, locally with upto 1% biotite porphyroblasts, from the hanging wall to the lower horizon (unit MFVC)   | 6      | 4      | 75.54     |
| FL 96-33-89.18                      | DDH East Kona zone, Fyre Lake property |                  | chlorite schist, locally with biotite porphyroblasts from the footwall to the lower horizon (unit MFVC)  | 6      | 4      | 49.58     |
| FL 96-35-85.8                       | DDH East Kona zone, Fyre Lake property |                  | chlorite schist, locally with biotite porphyroblasts from the hanging wall to the lower horizon (unit MFVC)  | 6      | 4      | 76.64     |
| FL 96-35-111.8                      | DDH East Kona zone, Fyre Lake property |                  | chlorite schist, from the footwall to the lower horizon (unit MFVC)  | 6      | 4      | 70.97     |
| DATA FROM COLUMBIA GOLD             |  |                  |  |        |        |           |
| OSTN 51                             | East Kona zone, Fyre Lake property     |                  | chlorite schist, well foliated, dark green with < 1% biotite   |        |        |           |
| REP 2 (duplicate of OSTN 51)        |  |                  |  |        |        |           |
| FL96-13-20.00M                      | DDH East Kona zone, Fyre Lake property |                  | chlorite schist, from the hangingwall to the lower horizon (unit MFVC)   | 11     | 1      | 69.42     |
| FL96-13-50.00M                      | DDH East Kona zone, Fyre Lake property |                  | chlorite schist, from the footwall to the lower horizon (unit MFVC)  | 6      | 4      | 73.31     |
| FL96-21-44.00M                      | DDH East Kona zone, Fyre Lake property |                  | chlorite schist, from the footwall to the upper horizon (unit MFVC)  | 11     | 1      | 69.89     |
| FL96-21-96.00M                      | DDH East Kona zone, Fyre Lake property |                  | chlorite schist, from the footwall to the lower horizon (unit MFVC)  | 6      | 4      | 75.92     |
| FL96-26-48.00M                      | DDH East Kona zone, Fyre Lake property |                  | chlorite schist with disseminated magnetite (unit DSMG)  | 11     | 1      | 65.77     |
| FL96-29-40.00M                      | DDH East Kona zone, Fyre Lake property |                  | chlorite schist, from the footwall to the upper horizon (unit MFVC)  | 11     | 1      | 77.90     |
| FL96-33-64.00M                      | DDH East Kona zone, Fyre Lake property |                  | chlorite +/- biotite schist, locally with upto 1% biotite porphyroblasts, from the hanging wall to the lower horizon (unit MFVC)   | 6      | 4      | 72.84     |
| FL96-33-88.00M                      | DDH East Kona zone, Fyre Lake property |                  | chlorite schist, locally with biotite porphyroblasts, from the footwall to the lower horizon (unit MFVC)   | 11     | 1      | 75.04     |
| FL96-36-96.00M                      | DDH East Kona zone, Fyre Lake property |                  | chlorite schist, from the footwall to the upper horizon (unit MFVC)  | 11     | 1      | 70.56     |
| FL96-36-130.00M                     | DDH East Kona zone, Fyre Lake property |                  | chlorite schist, from the footwall to the lower horizon (unit MFVC)  | 11     | 1      | 78.99     |
| FL96-43-100.00M                     | DDH East Kona zone, Fyre Lake property |                  | chlorite schist, from the hangingwall to semi-massive magnetite/ footwall to the upper horizon (unit MFFL)   | 11     | 1      | 62.92     |
| FL96-43-128.00M                     | DDH East Kona zone, Fyre Lake property |                  | chlorite schist, from the hanging wall to the lower horizon (unit MFVC)  | 6      | 4      | 74.41     |
| FL96-50-172.00M                     | DDH East Kona zone, Fyre Lake property |                  | chlorite schist, from the hanging wall to the lower horizon (unit MFVC)  | 11     | 1      | 76.51     |
| FL96-50-196.00M                     | DDH East Kona zone, Fyre Lake property |                  | chlorite schist, from the footwall to the lower horizon (unit MFFL)  | 6      | 4      | 74.28     |
| FL96-60-220.00M                     | DDH East Kona zone, Fyre Lake property |                  | chlorite schist, from the hanging wall to the lower horizon (unit MFTF)  | 11     | 1      | 77.36     |
| FL96-68-280.00M                     | DDH East Kona zone, Fyre Lake property |                  | chlorite schist, from the footwall to the upper horizon (unit MFVC)  | 11     | 1      | 77.94     |
| FL96-68-335.00M                     | DDH East Kona zone, Fyre Lake property |                  | chlorite schist, from the footwall to the lower horizon (unit MFFL)  | 6      | 4      | 77.53     |
| FL96-65-422.00M                     | DDH West Kona zone, Fyre Lake property |                  | sample of the transition unit (INVS) from the hanging wall   | 6      | 4      | 62.43     |
| FL97-97-446                         | DDH West Kona zone, Fyre Lake property |                  | chlorite schist, fine-grained, minor epidote (unit MFFL), <b>least altered sample</b>  |        |        |           |
| FL97-97-460.5                       | DDH West Kona zone, Fyre Lake property |                  | chlorite-muscovite-biotite phyllite, medium to very fine-grained, dark green to medium grey, contains minor pyrrhotite (unit MFFL), <b>least altered sample</b>                              |        |        |           |
| REP 1 (duplicate of FL97-97-460.50) |  |                  |  |        |        |           |
| FL96-65-489.00M                     | DDH West Kona zone, Fyre Lake property |                  | chlorite schist in the massive sulphide horizon  | 11     | 1      | 75.63     |
| FL96-65-521.00M                     | DDH West Kona zone, Fyre Lake property |                  | chlorite schist in the semi-massive magnetite  | 6      | 4      | 69.66     |
| FL97-115-605.40 (N170325)           | DDH West Kona zone, Fyre Lake property |                  | biotite-muscovite-quartz schist, fine-grained, light brown (unit SAST-INVS) from the transition zone   |        |        |           |
| FL97-115-613.45 (N170326)           | DDH West Kona zone, Fyre Lake property |                  | metagreywacke, fine-grained, pale grey, siliceous, weakly foliated (unit INVS), from the transition zone   |        |        |           |
| FL97-115-625.80 (N170327)           | DDH West Kona zone, Fyre Lake property |                  | biotite-quartz schist, medium to fine grained, light brown (unit INVS) from the transition zone  |        |        |           |
| FL97-115-648.30 (N170328)           | DDH West Kona zone, Fyre Lake property |                  | biotite-chlorite schist, medium to fine-grained, pale green/blue (unit INVS) from the transition zone  |        |        |           |
| FL97-115-650.55 (N170329)           | DDH West Kona zone, Fyre Lake property |                  | biotite-quartz schist, medium grained, (unit INVS) from the transition zone  |        |        |           |
| FL97-115-676.90 (N170330)           | DDH West Kona zone, Fyre Lake property |                  | chlorite-muscovite-biotite schist, fine-grained, light green/grey, (unit MFVC)   |        |        |           |
| FL97-115-679.5                      | DDH West Kona zone, Fyre Lake property |                  | chlorite-muscovite-quartz-biotite schist, medium to fine-grained, dark green/grey, (unit MFVC)   |        |        |           |
| FL97-115-728.5                      | DDH West Kona zone, Fyre Lake property |                  | chlorite-muscovite-quartz schist, fine-grained, pale green grey from the footwall (unit MFVC)  |        |        |           |
| FL97-115-739                        | DDH West Kona zone, Fyre Lake property |                  | chlorite-muscovite schist, fine-grained, dark green/grey (unit MFVC) from the hanging wall to semi-massive magnetite mineralization  |        |        |           |
| FL97-115-761                        | DDH West Kona zone, Fyre Lake property |                  | chlorite-muscovite schist, fine-grained, dark green/grey (unit MFVC) from the footwall to disseminated magnetite mineralization  |        |        |           |
| FL97-115-772.5                      | DDH West Kona zone, Fyre Lake property |                  | chlorite-muscovite schist, fine-grained, dark green/grey (unit MFVC)   |        |        |           |
| FL97-115-772.50 (N170331)           | DDH West Kona zone, Fyre Lake property |                  | chlorite-muscovite-biotite schist, medium to fine-grained, dark green/grey, (unit MFVC)  |        |        |           |

| Sample Name                         | SiO <sub>2</sub> | TiO <sub>2</sub> | Al <sub>2</sub> O <sub>3</sub> | Fe <sub>2</sub> O <sub>3</sub> * | MnO  | MgO   | CaO   | Na <sub>2</sub> O | K <sub>2</sub> O | P <sub>2</sub> O <sub>5</sub> | LOI   | Cr   |
|-------------------------------------|------------------|------------------|--------------------------------|----------------------------------|------|-------|-------|-------------------|------------------|-------------------------------|-------|------|
| JH97-58                             | 53.11            | 0.22             | 11.42                          | 9.08                             | 0.14 | 12.84 | 8.15  | 2.63              | 0.09             | 0.02                          | 1.88  | 839  |
| JH97-59                             | 53.15            | 0.25             | 18.06                          | 6.88                             | 0.07 | 6.93  | 8.21  | 5.09              | 0.30             | 0.62                          | 1.17  | 90   |
| JH97-60                             | 54.92            | 0.27             | 14.35                          | 8.51                             | 0.14 | 9.62  | 9.27  | 2.02              | 0.21             | 0.03                          | 1.52  | 341  |
| JH97-61                             | 52.93            | 0.17             | 10.91                          | 8.00                             | 0.13 | 9.91  | 7.07  | 1.35              | 0.11             | 0.02                          | 8.33  | 855  |
| JH97-70                             | 61.25            | 0.50             | 14.22                          | 7.47                             | 0.10 | 6.97  | 5.04  | 2.12              | 0.41             | 0.06                          | 2.39  | 69   |
| FL 96-21-20.0                       | 50.34            | 0.16             | 11.19                          | 9.04                             | 0.18 | 14.91 | 7.55  | 2.06              | 0.55             | 0.01                          | 3.05  | 1510 |
| FL 96-33-55.86                      | 52.53            | 0.22             | 11.84                          | 8.79                             | 0.15 | 13.71 | 6.07  | 2.69              | 0.86             | 0.01                          | 2.78  | 826  |
| FL 96-33-89.18                      | 52.69            | 0.11             | 11.07                          | 20.56                            | 0.08 | 10.21 | 0.20  | 0.02              | 0.10             | 0.11                          | 4.80  | 835  |
| FL 96-35-85.8                       | 54.02            | 0.18             | 11.17                          | 9.31                             | 0.16 | 15.42 | 3.45  | 0.46              | 0.49             | 0.02                          | 4.78  | 1033 |
| FL 96-35-111.8                      | 51.88            | 0.33             | 13.62                          | 8.95                             | 0.25 | 11.05 | 5.47  | 3.82              | 1.06             | 0.02                          | 2.83  | 466  |
| DATA FROM COLUMBIA GOLD             |                  |                  |                                |                                  |      |       |       |                   |                  |                               |       |      |
| OSTN 51                             | 53.19            | 0.15             | 10.83                          | 8.57                             | 0.13 | 14.54 | 8.72  | 1.59              | 0.16             | 0.02                          | 2.61  | 1029 |
| REP 2 (duplicate of OSTN 51)        | 52.42            | 0.15             | 10.43                          | 8.59                             | 0.14 | 14.40 | 9.16  | 1.58              | 0.16             | 0.02                          | 2.37  | 1065 |
| FL96-13-20.00M                      | 45.96            | 0.16             | 9.59                           | 14.20                            | 0.21 | 16.28 | 4.44  | 0.03              | 0.02             | 0.01                          | 7.80  | 0    |
| FL96-13-50.00M                      | 53.06            | 0.29             | 12.51                          | 8.66                             | 0.13 | 12.01 | 4.99  | 2.84              | 0.49             | 0.02                          | 3.70  | 0    |
| FL96-21-44.00M                      | 50.24            | 0.20             | 10.08                          | 12.85                            | 0.29 | 15.06 | 4.22  | 0.20              | 0.09             | 0.04                          | 5.80  | 0    |
| FL96-21-96.00M                      | 52.60            | 0.19             | 11.75                          | 8.89                             | 0.12 | 14.15 | 5.09  | 1.62              | 0.52             | 0.02                          | 3.70  | 0    |
| FL96-26-48.00M                      | 47.15            | 0.25             | 11.88                          | 13.68                            | 0.37 | 13.27 | 7.44  | 0.34              | 0.29             | 0.07                          | 4.00  | 0    |
| FL96-29-40.00M                      | 52.83            | 0.14             | 9.88                           | 8.31                             | 0.17 | 14.79 | 5.66  | 1.94              | 0.29             | 0.05                          | 4.80  | 0    |
| FL96-33-64.00M                      | 54.66            | 0.17             | 10.35                          | 9.82                             | 0.20 | 13.30 | 5.26  | 1.25              | 0.18             | 0.01                          | 3.60  | 0    |
| FL96-33-88.00M                      | 46.53            | 0.18             | 11.12                          | 10.19                            | 0.24 | 15.47 | 8.77  | 0.80              | 0.44             | 0.06                          | 4.30  | 0    |
| FL96-36-96.00M                      | 48.05            | 0.17             | 9.80                           | 13.16                            | 0.27 | 15.93 | 5.92  | 0.51              | 0.34             | 0.11                          | 4.50  | 0    |
| FL96-36-130.00M                     | 48.12            | 0.14             | 10.94                          | 9.21                             | 0.12 | 17.48 | 6.02  | 1.31              | 0.47             | 0.10                          | 4.80  | 0    |
| FL96-43-100.00M                     | 47.79            | 0.17             | 9.87                           | 17.66                            | 0.19 | 15.13 | 2.54  | 0.05              | 0.05             | 0.10                          | 5.10  | 0    |
| FL96-43-128.00M                     | 55.34            | 0.15             | 10.33                          | 8.44                             | 0.20 | 12.39 | 5.95  | 2.47              | 0.51             | 0.01                          | 3.00  | 0    |
| FL96-50-172.00M                     | 41.65            | 0.17             | 8.85                           | 9.46                             | 0.27 | 15.56 | 7.53  | 0.57              | 0.26             | 0.12                          | 14.10 | 0    |
| FL96-50-196.00M                     | 48.62            | 0.18             | 11.02                          | 8.66                             | 0.17 | 12.63 | 14.38 | 1.06              | 0.42             | 0.05                          | 1.80  | 0    |
| FL96-60-220.00M                     | 49.04            | 0.15             | 10.37                          | 9.53                             | 0.17 | 16.44 | 6.74  | 0.99              | 0.30             | 0.10                          | 4.70  | 0    |
| FL96-68-280.00M                     | 45.68            | 0.17             | 11.45                          | 10.66                            | 0.22 | 19.02 | 4.91  | 1.19              | 0.40             | 0.16                          | 5.00  | 0    |
| FL96-68-335.00M                     | 50.70            | 0.14             | 9.12                           | 9.04                             | 0.15 | 15.75 | 9.44  | 1.24              | 0.29             | 0.08                          | 2.80  | 0    |
| FL96-65-422.00M                     | 57.69            | 0.66             | 16.11                          | 7.52                             | 0.15 | 6.31  | 4.96  | 0.66              | 2.04             | 0.12                          | 2.30  | 0    |
| FL97-97-446                         | 55.54            | 0.21             | 14.10                          | 7.64                             | 0.15 | 9.22  | 7.99  | 3.82              | 0.26             | 0.02                          | 1.17  | 346  |
| FL97-97-460.5                       | 55.50            | 0.21             | 13.51                          | 8.11                             | 0.17 | 10.17 | 6.24  | 3.72              | 0.50             | 0.02                          | 2.30  | 341  |
| REP 1 (duplicate of FL97-97-460.50) | 55.58            | 0.20             | 13.15                          | 8.22                             | 0.17 | 10.42 | 6.50  | 3.69              | 0.51             | 0.02                          | 2.29  | 338  |
| FL96-65-489.00M                     | 51.87            | 0.27             | 11.69                          | 9.60                             | 0.14 | 15.04 | 2.02  | 0.60              | 0.11             | 0.07                          | 7.70  | 0    |
| FL96-65-521.00M                     | 53.11            | 0.23             | 13.91                          | 8.22                             | 0.13 | 9.53  | 6.37  | 3.82              | 0.45             | 0.01                          | 3.10  | 0    |
| FL97-115-605.40 (N170325)           | 71.75            | 0.43             | 12.85                          | 4.75                             | 0.10 | 3.44  | 1.18  | 1.90              | 2.32             | 0.08                          | 1.74  | 35   |
| FL97-115-613.45 (N170326)           | 57.05            | 0.19             | 10.84                          | 9.04                             | 0.54 | 11.64 | 6.63  | 0.72              | 0.26             | 0.02                          | 2.83  | 780  |
| FL97-115-625.80 (N170327)           | 74.43            | 0.40             | 10.38                          | 4.76                             | 0.15 | 2.84  | 2.57  | 2.07              | 1.03             | 0.11                          | 1.40  | 44   |
| FL97-115-648.30 (N170328)           | 57.54            | 0.17             | 11.47                          | 9.27                             | 0.25 | 11.23 | 6.38  | 1.45              | 0.97             | 0.03                          | 2.14  | 844  |
| FL97-115-650.55 (N170329)           | 72.93            | 0.38             | 11.90                          | 4.35                             | 0.12 | 3.34  | 1.75  | 2.32              | 1.89             | 0.44                          | 0.99  | 47   |
| FL97-115-676.90 (N170330)           | 51.35            | 0.18             | 11.50                          | 9.40                             | 0.24 | 13.01 | 8.54  | 1.62              | 1.37             | 0.02                          | 1.93  | 1074 |
| FL97-115-679.5                      | 54.19            | 0.23             | 13.39                          | 9.43                             | 0.24 | 10.97 | 6.50  | 1.19              | 2.01             | 0.04                          | 2.20  | 646  |
| FL97-115-728.5                      | 55.23            | 0.13             | 8.90                           | 12.53                            | 0.24 | 14.73 | 3.51  | 0.42              | 0.03             | 0.02                          | 4.08  | 776  |
| FL97-115-739                        | 53.42            | 0.13             | 8.96                           | 20.41                            | 0.12 | 12.32 | 0.21  | 0.21              | 0.04             | 0.02                          | 4.75  | 670  |
| FL97-115-761                        | 50.18            | 0.17             | 9.94                           | 17.91                            | 0.20 | 13.62 | 1.58  | 0.34              | 0.45             | 0.04                          | 6.35  | 736  |
| FL97-115-772.5                      | 58.78            | 0.16             | 9.86                           | 9.48                             | 0.24 | 12.90 | 3.32  | 0.83              | 0.23             | 0.02                          | 4.11  | 704  |
| FL97-115-772.50 (N170331)           | 57.07            | 0.19             | 11.01                          | 9.33                             | 0.25 | 12.57 | 5.00  | 1.95              | 0.18             | 0.02                          | 3.42  | 737  |



| Sample Name                         | Ni   | Co  | Sc | V   | Cu  | Pb | Zn   | Bi    | In    | Sn    | W     | Mo    |
|-------------------------------------|------|-----|----|-----|-----|----|------|-------|-------|-------|-------|-------|
| JH97-58                             | 255  | 44  | 0  | 209 | -10 | 6  | 61   | -0.20 | -0.20 | -1.00 | -0.50 | 2.10  |
| JH97-59                             | 121  | 25  | 0  | 238 | -10 | 7  | -10  | -0.20 | -0.20 | 3.00  | -0.50 | 0.70  |
| JH97-60                             | 185  | 36  | 0  | 223 | 79  | -5 | 48   | -0.20 | -0.20 | -1.00 | -0.50 | 0.50  |
| JH97-61                             | 259  | 43  | 0  | 182 | 59  | -5 | 67   | -0.20 | -0.20 | -1.00 | -0.50 | 0.70  |
| JH97-70                             | 67   | 27  | 0  | 213 | 10  | 9  | 46   | -0.20 | -0.20 | -1.00 | 0.90  | -0.50 |
|                                     |      |     |    |     |     |    |      |       |       |       |       |       |
| FL 96-21-20.0                       | 3441 | 61  | 0  | 190 | 25  | 6  | 80   | 0.10  | 0.00  | 0.60  | 0.76  | 2.42  |
| FL 96-33-55.86                      | 400  | 52  | 0  | 185 | 20  | 8  | 89   | 0.00  | 0.00  | 5.10  | 0.34  | 0.27  |
| FL 96-33-89.18                      | 704  | 165 | 0  | 259 | 244 | 0  | 1243 | 0.00  | 0.10  | 0.70  | 0.39  | 0.55  |
| FL 96-35-85.8                       | 415  | 54  | 0  | 198 | 15  | 0  | 118  | 0.06  | 0.00  | 0.50  | 0.67  | 0.24  |
| FL 96-35-111.8                      | 225  | 43  | 0  | 218 | 13  | 26 | 81   | 0.05  | 0.00  | 0.50  | 0.56  | 1.67  |
| DATA FROM COLUMBIA GOLD             |      |     |    |     |     |    |      |       |       |       |       |       |
| OSTN 51                             | 310  | 48  |    | 192 | 38  | -5 | 60   | 0.06  | -0.1  | -0.5  | -0.2  | -0.1  |
| REP 2 (duplicate of OSTN 51)        | 330  | 49  |    | 206 | 50  | -5 | 68   | 0.15  | -0.1  | -0.5  | -0.2  | 0.1   |
| FL96-13-20.00M                      | 0    | 0   | 0  | 0   | 0   | 0  | 0    | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| FL96-13-50.00M                      | 0    | 0   | 0  | 0   | 0   | 0  | 0    | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| FL96-21-44.00M                      | 0    | 0   | 0  | 0   | 0   | 0  | 0    | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| FL96-21-96.00M                      | 0    | 0   | 0  | 0   | 0   | 0  | 0    | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| FL96-26-48.00M                      | 0    | 0   | 0  | 0   | 0   | 0  | 0    | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| FL96-29-40.00M                      | 0    | 0   | 0  | 0   | 0   | 0  | 0    | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| FL96-33-64.00M                      | 0    | 0   | 0  | 0   | 0   | 0  | 0    | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| FL96-33-88.00M                      | 0    | 0   | 0  | 0   | 0   | 0  | 0    | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| FL96-36-96.00M                      | 0    | 0   | 0  | 0   | 0   | 0  | 0    | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| FL96-36-130.00M                     | 0    | 0   | 0  | 0   | 0   | 0  | 0    | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| FL96-43-100.00M                     | 0    | 0   | 0  | 0   | 0   | 0  | 0    | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| FL96-43-128.00M                     | 0    | 0   | 0  | 0   | 0   | 0  | 0    | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| FL96-50-172.00M                     | 0    | 0   | 0  | 0   | 0   | 0  | 0    | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| FL96-50-196.00M                     | 0    | 0   | 0  | 0   | 0   | 0  | 0    | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| FL96-60-220.00M                     | 0    | 0   | 0  | 0   | 0   | 0  | 0    | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| FL96-68-280.00M                     | 0    | 0   | 0  | 0   | 0   | 0  | 0    | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| FL96-68-335.00M                     | 0    | 0   | 0  | 0   | 0   | 0  | 0    | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| FL96-65-422.00M                     | 0    | 0   | 0  | 0   | 0   | 0  | 0    | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| FL97-97-446                         | 112  | 39  |    | 162 | 200 | 14 | 105  | 0.13  | -0.1  | -0.5  | -0.2  | -0.1  |
| FL97-97-460.5                       | 116  | 35  |    | 226 | 41  | 6  | 125  | 0.16  | -0.1  | -0.5  | -0.2  | 0.4   |
| REP 1 (duplicate of FL97-97-460.50) | 110  | 37  |    | 231 | 35  | 5  | 116  | 0.17  | -0.1  | -0.5  | -0.2  | 0.1   |
| FL96-65-489.00M                     | 0    | 0   | 0  | 0   | 0   | 0  | 0    | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| FL96-65-521.00M                     | 0    | 0   | 0  | 0   | 0   | 0  | 0    | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| FL97-115-605.40 (N170325)           | 31   | 9.1 |    | 67  | 32  | 26 | 76   | 0.16  | -0.1  | 1.4   | -0.2  | 0.5   |
| FL97-115-613.45 (N170326)           | 277  | 48  |    | 171 | -10 | 6  | 115  | 0.65  | -0.1  | 0.7   | -0.2  | 0.4   |
| FL97-115-625.80 (N170327)           | 30   | 15  |    | 115 | 78  | 29 | 76   | 0.2   | -0.1  | 1.2   | -0.2  | 0.5   |
| FL97-115-648.30 (N170328)           | 265  | 52  |    | 144 | -10 | 7  | 160  | 0.07  | -0.1  | -0.5  | -0.2  | -0.1  |
| FL97-115-650.55 (N170329)           | 32   | 12  |    | 92  | 54  | 14 | 98   | 0.21  | -0.1  | 1.2   | 0.7   | 0.1   |
| FL97-115-676.90 (N170330)           | 317  | 51  |    | 214 | -10 | 10 | 94   | 0.13  | -0.1  | -0.5  | -0.2  | -0.1  |
| FL97-115-679.5                      | 208  | 44  |    | 176 | -10 | 10 | 91   | 0.14  | -0.1  | -0.5  | -0.2  | -0.1  |
| FL97-115-728.5                      | 285  | 55  |    | 188 | -10 | -5 | 237  | -0.05 | -0.1  | -0.5  | -0.2  | 0.8   |
| FL97-115-739                        | 215  | 116 |    | 197 | 85  | -5 | 231  | -0.05 | -0.1  | -0.5  | -0.2  | 0.2   |
| FL97-115-761                        | 231  | 85  |    | 186 | 538 | -5 | 163  | 0.06  | -0.1  | 3.1   | -0.2  | 0.4   |
| FL97-115-772.5                      | 292  | 47  |    | 196 | 78  | -5 | 166  | 0.13  | -0.1  | 0.8   | -0.2  | -0.1  |
| FL97-115-772.50 (N170331)           | 263  | 43  |    | 209 | 41  | -5 | 198  | 0.09  | -0.1  | -0.5  | -0.2  | -0.1  |

| Sample Name                         | S    | As    | Sb    | Ag   | Rb  | Cs    | Ba   | Sr   | Tl    | Ga | Li   | Ta    |
|-------------------------------------|------|-------|-------|------|-----|-------|------|------|-------|----|------|-------|
| JH97-58                             | 0.00 | -5.00 | 0.20  | -0.5 | 3   | 0.90  | 80   | 61   | -0.10 | 10 | 0.00 | 0.07  |
| JH97-59                             | 0.00 | -5.00 | 0.50  | -0.5 | 18  | 7.00  | 49   | 135  | 0.10  | 14 | 0.00 | -0.05 |
| JH97-60                             | 0.00 | -5.00 | -0.10 | -0.5 | 8   | 3.60  | 49   | 57   | -0.10 | 12 | 0.00 | -0.05 |
| JH97-61                             | 0.00 | -5.00 | 0.10  | -0.5 | 6   | 13.60 | 125  | 48   | -0.10 | 9  | 0.00 | -0.05 |
| JH97-70                             | 0.00 | -5.00 | -0.10 | -0.5 | 12  | 6.90  | 317  | 81   | 0.10  | 11 | 0.00 | 0.07  |
|                                     |      |       |       |      |     |       |      |      |       |    |      |       |
| FL 96-21-20.0                       | 0.00 | 0.00  | 0.96  | 0.0  | 10  | 2.13  | 1492 | 139  | 0.21  | 11 | 0.00 | 0.06  |
| FL 96-33-55.86                      | 0.00 | 0.00  | 0.30  | 0.0  | 16  | 2.59  | 1493 | 165  | 0.25  | 11 | 0.00 | 0.06  |
| FL 96-33-89.18                      | 0.00 | 0.00  | 0.43  | 0.0  | 3   | 1.12  | 480  | 4    | 0.11  | 49 | 0.00 | 0.04  |
| FL 96-35-85.8                       | 0.00 | 14.00 | 0.67  | 0.0  | 10  | 1.69  | 668  | 27   | 0.21  | 12 | 0.00 | 0.08  |
| FL 96-35-111.8                      | 0.00 | 0.00  | 0.53  | 0.0  | 19  | 3.89  | 1819 | 62   | 0.32  | 13 | 0.00 | 0.07  |
| DATA FROM COLUMBIA GOLD             |      |       |       |      |     |       |      |      |       |    |      |       |
| OSTN 51                             |      | -5    | -0.05 | -0.5 | 2.5 | 0.9   | 90   | 51.9 | -0.05 | 10 |      | -0.01 |
| REP 2 (duplicate of OSTN 51)        |      | -5    | 0.96  | -0.5 | 2.6 | 1     | 94   | 53.3 | -0.05 | 10 |      | -0.01 |
| FL96-13-20.00M                      | 0.00 | 0.00  | 0.00  | 0.0  | 0   | 0.00  | 50   | 100  | 0.00  | 0  | 0.00 | 0.00  |
| FL96-13-50.00M                      | 0.00 | 0.00  | 0.00  | 0.0  | 0   | 0.00  | 750  | 100  | 0.00  | 0  | 0.00 | 0.00  |
| FL96-21-44.00M                      | 0.00 | 0.00  | 0.00  | 0.0  | 0   | 0.00  | 350  | 100  | 0.00  | 0  | 0.00 | 0.00  |
| FL96-21-96.00M                      | 0.00 | 0.00  | 0.00  | 0.0  | 0   | 0.00  | 1050 | 100  | 0.00  | 0  | 0.00 | 0.00  |
| FL96-26-48.00M                      | 0.00 | 0.00  | 0.00  | 0.0  | 0   | 0.00  | 600  | 100  | 0.00  | 0  | 0.00 | 0.00  |
| FL96-29-40.00M                      | 0.00 | 0.00  | 0.00  | 0.0  | 0   | 0.00  | 1050 | 150  | 0.00  | 0  | 0.00 | 0.00  |
| FL96-33-64.00M                      | 0.00 | 0.00  | 0.00  | 0.0  | 0   | 0.00  | 300  | 200  | 0.00  | 0  | 0.00 | 0.00  |
| FL96-33-88.00M                      | 0.00 | 0.00  | 0.00  | 0.0  | 0   | 0.00  | 5750 | 150  | 0.00  | 0  | 0.00 | 0.00  |
| FL96-36-96.00M                      | 0.00 | 0.00  | 0.00  | 0.0  | 0   | 0.00  | 600  | 100  | 0.00  | 0  | 0.00 | 0.00  |
| FL96-36-130.00M                     | 0.00 | 0.00  | 0.00  | 0.0  | 0   | 0.00  | 1100 | 150  | 0.00  | 0  | 0.00 | 0.00  |
| FL96-43-100.00M                     | 0.00 | 0.00  | 0.00  | 0.0  | 0   | 0.00  | 50   | 100  | 0.00  | 0  | 0.00 | 0.00  |
| FL96-43-128.00M                     | 0.00 | 0.00  | 0.00  | 0.0  | 0   | 0.00  | 1400 | 200  | 0.00  | 0  | 0.00 | 0.00  |
| FL96-50-172.00M                     | 0.00 | 0.00  | 0.00  | 0.0  | 0   | 0.00  | 1450 | 150  | 0.00  | 0  | 0.00 | 0.00  |
| FL96-50-196.00M                     | 0.00 | 0.00  | 0.00  | 0.0  | 0   | 0.00  | 600  | 300  | 0.00  | 0  | 0.00 | 0.00  |
| FL96-60-220.00M                     | 0.00 | 0.00  | 0.00  | 0.0  | 0   | 0.00  | 750  | 150  | 0.00  | 0  | 0.00 | 0.00  |
| FL96-68-280.00M                     | 0.00 | 0.00  | 0.00  | 0.0  | 0   | 0.00  | 1100 | 150  | 0.00  | 0  | 0.00 | 0.00  |
| FL96-68-335.00M                     | 0.00 | 0.00  | 0.00  | 0.0  | 0   | 0.00  | 400  | 100  | 0.00  | 0  | 0.00 | 0.00  |
| FL96-65-422.00M                     | 0.00 | 0.00  | 0.00  | 0.0  | 0   | 0.00  | 415  | 300  | 0.00  | 0  | 0.00 | 0.00  |
| FL97-97-446                         |      | -5    | -0.05 | -0.5 | 7.4 | 2     | 629  | 73   | 0.06  | 11 |      | 0.01  |
| FL97-97-460.5                       |      | -5    | -0.05 | -0.5 | 21  | 4     | 969  | 62.2 | 0.19  | 12 |      | 0.02  |
| REP 1 (duplicate of FL97-97-460.50) |      | -5    | -0.05 | -0.5 | 20  | 4.3   | 979  | 63.7 | 0.17  | 12 |      | 0.02  |
| FL96-65-489.00M                     | 0.00 | 0.00  | 0.00  | 0.0  | 0   | 0.00  | 550  | 100  | 0.00  | 0  | 0.00 | 0.00  |
| FL96-65-521.00M                     | 0.00 | 0.00  | 0.00  | 0.0  | 0   | 0.00  | 900  | 150  | 0.00  | 0  | 0.00 | 0.00  |
| FL97-115-605.40 (N170325)           |      | -5    | -0.05 | -0.5 | 47  | 4.5   | 4258 | 38.2 | 0.42  | 15 |      | 0.5   |
| FL97-115-613.45 (N170326)           |      | -5    | 0.1   | -0.5 | 7.4 | 1     | 327  | 66.3 | 0.08  | 11 |      | 0.05  |
| FL97-115-625.80 (N170327)           |      | -5    | 0.1   | -0.5 | 39  | 3.7   | 2116 | 59.6 | 0.37  | 12 |      | 0.29  |
| FL97-115-648.30 (N170328)           |      | -5    | -0.05 | -0.5 | 35  | 4.9   | 1648 | 159  | 0.32  | 10 |      | 0.02  |
| FL97-115-650.55 (N170329)           |      | -5    | -0.05 | -0.5 | 61  | 7     | 6335 | 134  | 0.53  | 15 |      | 0.48  |
| FL97-115-676.90 (N170330)           |      | -5    | -0.05 | -0.5 | 35  | 5.5   | 2013 | 337  | 0.22  | 11 |      | 0.02  |
| FL97-115-679.5                      |      | -5    | -0.05 | -0.5 | 53  | 8.3   | 3224 | 756  | 0.3   | 12 |      | 0.05  |
| FL97-115-728.5                      |      | -5    | -0.05 | -0.5 | 0.4 | 0.4   | 18   | 7.02 | -0.05 | 9  |      | 0.02  |
| FL97-115-739                        |      | -5    | -0.05 | -0.5 | 0.6 | 2.2   | 23   | 5.65 | -0.05 | 12 |      | -0.01 |
| FL97-115-761                        |      | -5    | -0.05 | -0.5 | 13  | 7.3   | 677  | 16.3 | 0.14  | 11 |      | 0.01  |
| FL97-115-772.5                      |      | -5    | -0.05 | -0.5 | 6.5 | 3.6   | 492  | 20.2 | 0.07  | 11 |      | 0.01  |
| FL97-115-772.50 (N170331)           |      | -5    | -0.05 | -0.5 | 4.4 | 2.4   | 362  | 50.6 | -0.05 | 11 |      | -0.01 |

| Sample Name                         | Nb   | Hf   | Zr  | Ti   | Y   | Th   | U     | La   | Ce   | Pr    | Nd   | Sm   |
|-------------------------------------|------|------|-----|------|-----|------|-------|------|------|-------|------|------|
| JH97-58                             | -1.0 | 0.40 | 11  | 0    | 6   | 0.20 | -0.10 | 0.60 | 1.50 | 0.21  | 1.10 | 0.40 |
| JH97-59                             | -1.0 | 0.50 | 13  | 0    | 10  | 0.20 | -0.10 | 0.50 | 1.20 | 0.18  | 1.00 | 0.50 |
| JH97-60                             | -1.0 | 0.50 | 15  | 0    | 9   | 0.20 | 0.10  | 0.70 | 1.70 | 0.26  | 1.40 | 0.50 |
| JH97-61                             | -1.0 | 0.30 | 8   | 0    | 5   | 0.20 | 0.10  | 0.80 | 1.50 | 0.19  | 0.90 | 0.40 |
| JH97-70                             | -1.0 | 0.60 | 18  | 0    | 16  | 0.20 | 0.30  | 1.00 | 2.20 | 0.32  | 1.90 | 0.90 |
|                                     |      |      |     |      |     |      |       |      |      |       |      |      |
| FL 96-21-20.0                       | 1.6  | 0.42 | 11  | 959  | 4   | 0.19 | 0.12  | 0.52 | 0.96 | 0.10  | 0.57 | 0.26 |
| FL 96-33-55.86                      | 0.7  | 0.52 | 14  | 1319 | 8   | 0.32 | 0.15  | 0.67 | 1.37 | 0.16  | 1.19 | 0.50 |
| FL 96-33-89.18                      | 0.4  | 0.21 | 8   | 659  | 14  | 0.23 | 0.92  | 0.59 | 1.28 | 0.16  | 1.05 | 0.49 |
| FL 96-35-85.8                       | 1.0  | 0.51 | 14  | 1079 | 5   | 2.78 | 0.12  | 0.71 | 1.30 | 0.15  | 0.70 | 0.30 |
| FL 96-35-111.8                      | 0.7  | 0.66 | 19  | 1978 | 8   | 0.51 | 0.19  | 0.82 | 1.79 | 0.23  | 1.76 | 0.76 |
| DATA FROM COLUMBIA GOLD             |      |      |     |      |     |      |       |      |      |       |      |      |
| OSTN 51                             | -0.5 | 0.2  | 3.3 |      | 5   | 0.07 | 0.07  | 0.29 | 0.67 | 0.087 | 0.54 | 0.23 |
| REP 2 (duplicate of OSTN 51)        | -0.5 | 0.2  | 5.6 |      | 5.4 | 0.07 | 0.09  | 0.3  | 0.62 | 0.081 | 0.53 | 0.23 |
| FL96-13-20.00M                      | 0.0  | 0.00 | 5   | 0    | 0   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00  | 0.00 | 0.00 |
| FL96-13-50.00M                      | 0.0  | 0.00 | 5   | 0    | 0   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00  | 0.00 | 0.00 |
| FL96-21-44.00M                      | 0.0  | 0.00 | 5   | 0    | 0   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00  | 0.00 | 0.00 |
| FL96-21-96.00M                      | 0.0  | 0.00 | 5   | 0    | 0   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00  | 0.00 | 0.00 |
| FL96-26-48.00M                      | 0.0  | 0.00 | 10  | 0    | 0   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00  | 0.00 | 0.00 |
| FL96-29-40.00M                      | 0.0  | 0.00 | 5   | 0    | 0   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00  | 0.00 | 0.00 |
| FL96-33-64.00M                      | 0.0  | 0.00 | 5   | 0    | 0   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00  | 0.00 | 0.00 |
| FL96-33-88.00M                      | 0.0  | 0.00 | 5   | 0    | 0   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00  | 0.00 | 0.00 |
| FL96-36-96.00M                      | 0.0  | 0.00 | 10  | 0    | 0   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00  | 0.00 | 0.00 |
| FL96-36-130.00M                     | 0.0  | 0.00 | 10  | 0    | 0   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00  | 0.00 | 0.00 |
| FL96-43-100.00M                     | 0.0  | 0.00 | 10  | 0    | 0   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00  | 0.00 | 0.00 |
| FL96-43-128.00M                     | 0.0  | 0.00 | 5   | 0    | 0   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00  | 0.00 | 0.00 |
| FL96-50-172.00M                     | 0.0  | 0.00 | 15  | 0    | 0   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00  | 0.00 | 0.00 |
| FL96-50-196.00M                     | 0.0  | 0.00 | 10  | 0    | 0   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00  | 0.00 | 0.00 |
| FL96-60-220.00M                     | 0.0  | 0.00 | 10  | 0    | 0   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00  | 0.00 | 0.00 |
| FL96-68-280.00M                     | 0.0  | 0.00 | 15  | 0    | 0   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00  | 0.00 | 0.00 |
| FL96-68-335.00M                     | 0.0  | 0.00 | 15  | 0    | 0   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00  | 0.00 | 0.00 |
| FL96-65-422.00M                     | 0.0  | 0.00 | 130 | 0    | 0   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00  | 0.00 | 0.00 |
| FL97-97-446                         | 0.6  | 0.3  | 8.1 |      | 7.6 | 0.1  | 0.21  | 0.41 | 0.97 | 0.138 | 0.91 | 0.37 |
| FL97-97-460.5                       | 0.6  | 0.3  | 7.7 |      | 7.1 | 0.1  | 0.09  | 0.44 | 1.01 | 0.132 | 0.87 | 0.34 |
| REP 1 (duplicate of FL97-97-460.50) | -0.5 | 0.2  | 5.1 |      | 6.7 | 0.08 | 0.09  | 0.33 | 0.76 | 0.098 | 0.66 | 0.31 |
| FL96-65-489.00M                     | 0.0  | 0.00 | 15  | 0    | 0   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00  | 0.00 | 0.00 |
| FL96-65-521.00M                     | 0.0  | 0.00 | 5   | 0    | 0   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00  | 0.00 | 0.00 |
| FL97-115-605.40 (N170325)           | 7.5  | 4    | 136 |      | 22  | 10.4 | 3.32  | 29.5 | 57.3 | 5.984 | 27.9 | 5.16 |
| FL97-115-613.45 (N170326)           | 1    | 0.5  | 18  |      | 6.6 | 0.52 | 0.25  | 2.69 | 4.02 | 0.665 | 3.61 | 0.9  |
| FL97-115-625.80 (N170327)           | 4.7  | 2.3  | 81  |      | 18  | 4.96 | 1.64  | 16.8 | 32.7 | 3.743 | 18.1 | 3.66 |
| FL97-115-648.30 (N170328)           | -0.5 | 0.3  | 9.3 |      | 7.1 | 0.13 | 0.09  | 0.69 | 1.08 | 0.19  | 1.17 | 0.41 |
| FL97-115-650.55 (N170329)           | 6.9  | 3.9  | 138 |      | 22  | 10.8 | 3.31  | 31.9 | 60.1 | 6.573 | 30.8 | 5.71 |
| FL97-115-676.90 (N170330)           | -0.5 | 0.5  | 15  |      | 6.6 | 0.14 | 0.11  | 0.63 | 1.08 | 0.171 | 1.07 | 0.4  |
| FL97-115-679.5                      | 0.7  | 0.5  | 14  |      | 7   | 0.17 | 0.17  | 1.16 | 2    | 0.305 | 1.73 | 0.55 |
| FL97-115-728.5                      | 0.5  | 0.2  | 6.8 |      | 7.9 | 0.12 | 0.16  | 0.36 | 0.84 | 0.119 | 0.79 | 0.38 |
| FL97-115-739                        | -0.5 | 0.2  | 4.7 |      | 3.4 | 0.1  | 0.26  | 0.21 | 0.48 | 0.057 | 0.37 | 0.18 |
| FL97-115-761                        | -0.5 | 0.3  | 6.1 |      | 7.9 | 0.13 | 0.28  | 0.43 | 1.02 | 0.132 | 0.91 | 0.38 |
| FL97-115-772.5                      | -0.5 | 0.3  | 6.4 |      | 6.2 | 0.13 | 0.11  | 0.52 | 1.1  | 0.143 | 0.86 | 0.37 |
| FL97-115-772.50 (N170331)           | -0.5 | 0.3  | 6.7 |      | 6.6 | 0.12 | 0.1   | 0.51 | 1.07 | 0.154 | 0.98 | 0.37 |

| Sample Name                         | Eu    | Gd   | Tb   | Dy   | Ho   | Er   | Tm    | Yb   | Lu    | Be   |
|-------------------------------------|-------|------|------|------|------|------|-------|------|-------|------|
| JH97-58                             | 0.16  | 0.70 | 0.10 | 1.00 | 0.20 | 0.80 | 0.13  | 0.90 | 0.14  | 0.00 |
| JH97-59                             | 0.17  | 0.80 | 0.20 | 1.40 | 0.30 | 1.10 | 0.19  | 1.30 | 0.21  | 0.00 |
| JH97-60                             | 0.22  | 0.80 | 0.20 | 1.20 | 0.30 | 1.00 | 0.16  | 1.10 | 0.18  | 0.00 |
| JH97-61                             | 0.13  | 0.60 | 0.10 | 0.90 | 0.20 | 0.70 | 0.11  | 0.80 | 0.11  | 0.00 |
| JH97-70                             | 0.21  | 1.40 | 0.30 | 2.30 | 0.60 | 1.90 | 0.31  | 2.00 | 0.31  | 0.00 |
|                                     |       |      |      |      |      |      |       |      |       |      |
| FL 96-21-20.0                       | 0.36  | 0.37 | 0.09 | 0.62 | 0.16 | 0.58 | 0.08  | 0.68 | 0.14  | 0.00 |
| FL 96-33-55.86                      | 0.42  | 0.62 | 0.16 | 1.19 | 0.29 | 0.95 | 0.17  | 1.15 | 0.19  | 0.00 |
| FL 96-33-89.18                      | 0.17  | 0.87 | 0.23 | 1.90 | 0.49 | 1.79 | 0.27  | 1.93 | 0.36  | 0.00 |
| FL 96-35-85.8                       | 0.24  | 0.41 | 0.12 | 0.84 | 0.20 | 0.66 | 0.10  | 0.66 | 0.13  | 0.00 |
| FL 96-35-111.8                      | 0.54  | 0.91 | 0.24 | 1.45 | 0.31 | 1.03 | 0.16  | 0.92 | 0.19  | 0.00 |
| DATA FROM COLUMBIA GOLD             |       |      |      |      |      |      |       |      |       |      |
| OSTN 51                             | 0.104 | 0.44 | 0.11 | 0.78 | 0.2  | 0.65 | 0.108 | 0.8  | 0.124 |      |
| REP 2 (duplicate of OSTN 51)        | 0.112 | 0.45 | 0.11 | 0.84 | 0.21 | 0.7  | 0.108 | 0.82 | 0.14  |      |
| FL96-13-20.00M                      | 0.00  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00 | 0.00  | 0.00 |
| FL96-13-50.00M                      | 0.00  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00 | 0.00  | 0.00 |
| FL96-21-44.00M                      | 0.00  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00 | 0.00  | 0.00 |
| FL96-21-96.00M                      | 0.00  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00 | 0.00  | 0.00 |
| FL96-26-48.00M                      | 0.00  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00 | 0.00  | 0.00 |
| FL96-29-40.00M                      | 0.00  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00 | 0.00  | 0.00 |
|                                     |       |      |      |      |      |      |       |      |       |      |
| FL96-33-64.00M                      | 0.00  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00 | 0.00  | 0.00 |
| FL96-33-88.00M                      | 0.00  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00 | 0.00  | 0.00 |
| FL96-36-96.00M                      | 0.00  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00 | 0.00  | 0.00 |
| FL96-36-130.00M                     | 0.00  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00 | 0.00  | 0.00 |
| FL96-43-100.00M                     | 0.00  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00 | 0.00  | 0.00 |
| FL96-43-128.00M                     | 0.00  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00 | 0.00  | 0.00 |
| FL96-50-172.00M                     | 0.00  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00 | 0.00  | 0.00 |
| FL96-50-196.00M                     | 0.00  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00 | 0.00  | 0.00 |
| FL96-60-220.00M                     | 0.00  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00 | 0.00  | 0.00 |
| FL96-68-280.00M                     | 0.00  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00 | 0.00  | 0.00 |
| FL96-68-335.00M                     | 0.00  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00 | 0.00  | 0.00 |
| FL96-65-422.00M                     | 0.00  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00 | 0.00  | 0.00 |
|                                     |       |      |      |      |      |      |       |      |       |      |
| FL97-97-446                         | 0.179 | 0.65 | 0.16 | 1.2  | 0.29 | 0.96 | 0.151 | 1.11 | 0.196 |      |
| FL97-97-460.5                       | 0.121 | 0.63 | 0.15 | 1.17 | 0.27 | 0.89 | 0.141 | 0.99 | 0.161 |      |
| REP 1 (duplicate of FL97-97-460.50) | 0.104 | 0.58 | 0.15 | 1.14 | 0.27 | 0.88 | 0.134 | 1.04 | 0.162 |      |
| FL96-65-489.00M                     | 0.00  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00 | 0.00  | 0.00 |
| FL96-65-521.00M                     | 0.00  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  | 0.00 | 0.00  | 0.00 |
| FL97-115-605.40 (N170325)           | 0.904 | 4.04 | 0.73 | 4.18 | 0.86 | 2.56 | 0.38  | 2.63 | 0.397 |      |
| FL97-115-613.45 (N170326)           | 0.232 | 0.98 | 0.21 | 1.33 | 0.3  | 0.93 | 0.149 | 1.07 | 0.168 |      |
| FL97-115-625.80 (N170327)           | 0.75  | 3.22 | 0.61 | 3.63 | 0.74 | 2.29 | 0.337 | 2.3  | 0.362 |      |
| FL97-115-648.30 (N170328)           | 0.11  | 0.67 | 0.17 | 1.22 | 0.29 | 0.96 | 0.161 | 1.18 | 0.199 |      |
| FL97-115-650.55 (N170329)           | 0.935 | 4.39 | 0.8  | 4.61 | 0.89 | 2.69 | 0.395 | 2.61 | 0.413 |      |
| FL97-115-676.90 (N170330)           | 0.072 | 0.65 | 0.15 | 1.09 | 0.25 | 0.8  | 0.134 | 0.93 | 0.16  |      |
| FL97-115-679.5                      | 0.059 | 0.77 | 0.18 | 1.22 | 0.29 | 0.93 | 0.149 | 1.09 | 0.172 |      |
| FL97-115-728.5                      | 0.127 | 0.7  | 0.17 | 1.23 | 0.3  | 0.96 | 0.154 | 1.08 | 0.176 |      |
|                                     |       |      |      |      |      |      |       |      |       |      |
| FL97-115-739                        | 0.019 | 0.48 | 0.13 | 0.94 | 0.24 | 0.8  | 0.126 | 0.94 | 0.148 |      |
|                                     |       |      |      |      |      |      |       |      |       |      |
| FL97-115-761                        | 0.069 | 0.71 | 0.18 | 1.29 | 0.3  | 0.98 | 0.155 | 1.09 | 0.169 |      |
| FL97-115-772.5                      | 0.089 | 0.58 | 0.15 | 1.06 | 0.24 | 0.81 | 0.128 | 0.92 | 0.144 |      |
| FL97-115-772.50 (N170331)           | 0.142 | 0.63 | 0.15 | 1.08 | 0.25 | 0.84 | 0.138 | 0.98 | 0.164 |      |

| Sample Name  | Locality                                  | UTM  | Rock Type  | Symbol | Colour | Mg Number |
|--|---|--|--|--------|--------|-----------|
| FL97-115-787.5   | DDH West Kona zone, Fyre Lake property    |  | chlorite, quartz, plagioclase metasedimentary rock, medium to fine-grained, light green/grey (unit MFVC) from the footwall to disseminated sulphide mineralization   |        |        |           |
| FL97-115-797.5   | DDH West Kona zone, Fyre Lake property    |  | chlorite-muscovite-quartz schist, medium to fine-grained, dark green to black (unit MFVC) from the footwall to a possible lower horizon  |        |        |           |
| FL97-115-805.5   | DDH West Kona zone, Fyre Lake property    |  | actinolite-tremolite-muscovite-quartz schist, medium grained, light bluish grey (unit MFVC)  |        |        |           |
| FL97-115-812.5   | DDH West Kona zone, Fyre Lake property    |  | chlorite-muscovite-hornblende schist, medium to fine-grained, medium grey (unit MFVC)  |        |        |           |
| FL97-115-817.5   | DDH West Kona zone, Fyre Lake property    |  | chlorite-muscovite-hornblende-quartz schist, medium to fine-grained, medium grey (unit MFVC)   |        |        |           |
| FL97-115-824   | DDH West Kona zone, Fyre Lake property    |  | muscovite-actinolite-tremolite phyllite, fine-grained, grayish blue (unit MFVC)  |        |        |           |
|  |   |  |  |        |        |           |
| FL97-76-36   | DDH Lake zone, Fyre Lake property         |  | chlorite-muscovite-biotite-actinolite schist, fine-grained, bluish grey to brown, foliation defined by biotite-rich and biotite-poor layers (unit MFVC)  |        |        |           |
| FL97-78-109  | DDH Lake zone, Fyre Lake property         |  | chlorite-actinolite-?tourmaline phyllite, very fine-grained, light green to grey (unit SLST)   |        |        |           |
| FL97-112-114.5   | DDH Kona Bowl, Fyre Lake property         |  | muscovite-actinolite-quartz schist, medium grained, pale green gray, trace pyrite, abundant calcite stringers  |        |        |           |
| R10STN24   | Outfitter's creek, Fyre Lake property     |  | chlorite schist with minor biotite and muscovite, well foliated, green   |        |        |           |
| R10STN26   | Outfitter's creek, Fyre Lake property     |  | muscovite-chlorite schist, well foliated, green, with up to 2% biotite in bands  |        |        |           |
| R10STN35   | Outfitter's creek, Fyre Lake property     |  | chlorite schist, well foliated, dark green, contains about 2% biotite in bands, <1% quartz in layers and minor muscovite in patches  |        |        |           |
| UMEX2  | northeast Kona cirque, Fyre Lake property |  | chlorite schist, well foliated, dark green, occurs adjacent to faulted ultramafic rocks  |        |        |           |
| REP 3 (duplicate of UMEX2)   |   |  |  |        |        |           |
| <b>YUKON TANANA TERRANE - UNIT 2 BRECCIA</b>                         |   |  |  | 15     | 15     | 0.00      |
| JH97-162   | near Fyre Lake                            | 6792580N;422630E                             | mafic volc bx - maroon, pale green and black fragments, some are vesicular and/or amygdaloidal, in a dark green to locally maroon matrix that locally contains ?augite phenocrysts.  | 11     | 1      | 58.73     |
| <b>YUKON TANANA TERRANE - UNIT 2 GABBRO/DIORITE</b><br><b>105G/7</b> |   |  |  | 15     | 15     | 0.00      |
|  |   |  |  |        |        |           |
| JH97-63 (97DM-65)  | near Fyre Lake                            | 6795000N;415950E                             | sample of mafic rock from an outcrop of ultramafic and mafic rocks. Ultramafic weathers brown with white spots, is massive and locally fibrous. Mafic rocks (chlorite schist and coarse grained gabbro) occur as layers of fine-grained and coarsely crystalline which may be flows or sills/dykes | 10     | 2      | 86.06     |
| 97DM-14  |   |  |  | 10     | 2      | 79.15     |
| 97DM-107   |   |  |  | 10     | 2      | 80.29     |
| <b>FYRE LAKE</b>   |   |  |  |        |        |           |
| JH97-108   | roof pendant                              | 6787640N;423360E                             | pyroxene gabbro - intruded by pink quartz monzonite  | 10     | 2      | 58.33     |
| JH97-110   | roof pendant                              | 6787000N;423850E                             | gabbro/diorite, varies from coarse grained to fine-grained, coarse phase intrudes fine, all intruded by pink quartz monzonite.   | 10     | 2      | 64.34     |
| <b>YUKON TANANA TERRANE - UNIT 2 FELSIC VOLCANIC</b>                 |   |  |  | 15     | 15     | 0.00      |
| JH97-67  |   | 6789280N;416750E                             | uscovite-biotite-quartz schist (felsic metavolcanic?) in unit 2, intensely folded and foliated, outcrop contains numerous foliaform quartz veins   | 6      | 2      | 43.86     |
| 97DM-335   |   |  |  | 8      | 4      | 38.33     |
| <b>YUKON TANANA TERRANE - UNIT 1</b>                                 |   |  |  |        |        |           |
| <b>UNIT 1 MAFIC DYKE</b>   |   |  |  | 15     | 15     | 0.00      |
| 97DM-144   |   |  |  | 13     | 1      | 68.75     |
| 97DM-232   |   |  |  | 13     | 1      | 58.80     |
| <b>UNIT 1 FELSIC VOLCAN</b>  |   |  |  | 15     | 15     | 0.00      |
| 97DM-247   |   |  |  | 10     | 7      | 56.70     |
| <b>OTHER AREAS</b>   |   |  |  |        |        |           |
| <b>BIG TOP PROPERTY - TESLIN</b>                                     |   |  |  | 15     | 15     | 0.00      |
| 97R-081  |   |  |  | 15     | 15     | 50.50     |
| 97R-082  |   |  |  | 15     | 15     | 44.76     |
| JH97-64A   |   | 6052039N;13318711E                           | outcrop of interlayered quartzite, graphitic shale and chlorite schist/quartz-biotite schist. This is a sample of quartz-biotite-pyrite schist   | 6      | 2      | 49.00     |
| JH97-65  |   | 6051430N;13318442E                           | outcrop of interlayered graphitic shale and pyritic quartzite. Layers are 1 to 2m thick. Locally quartzite layers contains pyrite-rich bands about 1 cm thick, locally sericitic. This is a sampe of quartzite (?meta-ryholite)  | 15     | 2      | 48.75     |
| <b>DAN - RANCHERIA</b>   |   |  |  | 1      | 7      | 0.00      |
| JH97-53B   | Discovery outcrop                         |  | meta-andesite, banded, chlorite altered  | 15     | 15     | 48.26     |
| JH97-54  | Lost outcrop                              | 60o09.969N;131o06.867W                       | meta-ryholite, white, banded   | 15     | 15     | 78.97     |
| <b>MARG - SELWYN BASIN</b>   |   |  |  |        |        |           |
| MARG96-48-116.43   | Diamond drill hole                        | collared at 99848.86N; 2000.000E             | carbonate band in carbonaceous phyllite (unit QGPH)  | 7      | 2      | 51.10     |
| MARG96-48-360.75   | Diamond drill hole                        | collared at 99848.86N; 2000.000E             | quartz-muscovite phyllite with minor fine-grained euhedral pyrite porphyroblasts (unit QMPH) from the hanging wall to the second sulphide zone   | 8      | 2      | 65.60     |
| MARG96-48-401.32   | Diamond drill hole                        | collared at 99848.86N; 2000.000E             | quartz-muscovite phyllite (unit QMPH) from the footwall to the second sulphide zone just above the contact with quartzite  | 9      | 2      | 43.56     |
| <b>MM - PELLY-CASSIAR PLATFORM</b>                                   |   |  |  |        |        |           |
| MM96-01-600  | Diamond drill hole                        | collared about 225m SW of 22367600N; 408100E | garnetiferous biotite-chlorite schist, dark green to brown, locally with patches of strong chlorite alteration, garnets are pink-red, 3-4mm in diameter, make up < 1% of the rock, locally there are blebs of pyrrhotite and pyrite with lesser galena   | 1      | 1      | 31.64     |
| MM96-01-691  | Diamond drill hole                        | collared about 225m SW of 22367600N; 408100E | chlorite schist similar to 600' but bleached   | 2      | 1      | 23.41     |
| MM96-01-876  | Diamond drill hole                        | collared about 225m SW of 22367600N; 408100E | quartzite?, medium grey with quartz grains, fine-grained pyrite throughout and pyrite porphyroblasts, local chlorite alteration, rare epidote-actinolite alteration  | 3      | 1      | 27.93     |

| Sample Name   | SiO <sub>2</sub> | TiO <sub>2</sub> | Al <sub>2</sub> O <sub>3</sub> | Fe <sub>2</sub> O <sub>3</sub> * | MnO  | MgO   | CaO   | Na <sub>2</sub> O | K <sub>2</sub> O | P <sub>2</sub> O <sub>5</sub> | LOI   | Cr   |
|---|------------------|------------------|--------------------------------|----------------------------------|------|-------|-------|-------------------|------------------|-------------------------------|-------|------|
| FL97-115-787.5  | 54.77            | 0.40             | 15.60                          | 10.34                            | 0.18 | 6.51  | 4.77  | 4.07              | 0.44             | 0.05                          | 3.42  | 47   |
| FL97-115-797.5  | 54.22            | 0.19             | 11.91                          | 9.28                             | 0.21 | 14.09 | 2.06  | 1.24              | 0.21             | 0.04                          | 6.37  | 584  |
| FL97-115-805.5  | 56.29            | 0.16             | 12.08                          | 8.76                             | 0.14 | 9.30  | 8.84  | 2.60              | 0.38             | 0.05                          | 1.57  | 584  |
| FL97-115-812.5  | 51.21            | 0.20             | 13.18                          | 9.81                             | 0.17 | 10.13 | 10.89 | 2.22              | 0.54             | 0.03                          | 1.96  | 695  |
| FL97-115-817.5  | 56.90            | 0.23             | 12.43                          | 7.98                             | 0.13 | 8.27  | 8.81  | 2.29              | 0.67             | 0.02                          | 2.22  | 588  |
| FL97-115-824  | 57.01            | 0.18             | 13.21                          | 8.46                             | 0.25 | 8.92  | 6.85  | 4.00              | 0.62             | 0.02                          | 1.24  | 351  |
| FL97-76-36  | 49.57            | 1.17             | 16.19                          | 9.00                             | 0.14 | 9.45  | 8.67  | 2.31              | 0.79             | 0.29                          | 2.01  | 351  |
| FL97-78-109   | 47.15            | 2.28             | 17.11                          | 11.15                            | 0.20 | 7.57  | 10.20 | 2.76              | 0.38             | 0.43                          | 1.75  | 244  |
| FL97-112-114.5  | 57.01            | 0.80             | 15.69                          | 7.96                             | 0.10 | 5.93  | 5.74  | 2.51              | 1.35             | 0.21                          | 3.35  | 223  |
| R10STN24  | 46.73            | 1.35             | 15.91                          | 11.05                            | 0.14 | 6.24  | 15.04 | 1.76              | 0.23             | 0.28                          | 1.88  | 245  |
| R10STN26  | 59.35            | 0.95             | 13.24                          | 7.87                             | 0.13 | 6.53  | 6.49  | 3.24              | 1.48             | 0.32                          | 0.94  | 457  |
| R10STN35  | 50.46            | 1.19             | 17.31                          | 10.02                            | 0.20 | 5.70  | 10.65 | 2.91              | 0.44             | 0.14                          | 1.21  | 330  |
| UMEX2   | 53.88            | 0.28             | 13.10                          | 8.17                             | 0.09 | 10.52 | 8.07  | 2.87              | 0.58             | 0.03                          | 1.92  | 805  |
| REP 3 (duplicate of UMEX2)                                | 53.75            | 0.28             | 13.24                          | 8.19                             | 0.10 | 11.01 | 8.12  | 2.72              | 0.54             | 0.02                          | 2.02  | 843  |
| YUKON TANANA TERRANE -<br>UNIT 2 BRECCIA                  | 0.00             | 0.00             | 0.00                           | 0.00                             | 0.00 | 0.00  | 0.00  | 0.00              | 0.00             | 0.00                          | 0.00  | 0    |
| JH97-162  | 45.43            | 1.08             | 15.45                          | 10.06                            | 0.16 | 7.23  | 11.45 | 3.09              | 0.70             | 0.14                          | 4.90  | 248  |
| YUKON TANANA TERRANE -<br>UNIT 2 GABBRO/DIORITE<br>105G/7 | 0.00             | 0.00             | 0.00                           | 0.00                             | 0.00 | 0.00  | 0.00  | 0.00              | 0.00             | 0.00                          | 0.00  | 0    |
| JH97-63 (97DM-65)   | 45.31            | 0.06             | 4.90                           | 9.30                             | 0.12 | 28.98 | 4.02  | 0.03              | -0.01            | -0.01                         | 5.85  | 3454 |
| 97DM-14   | 51.82            | 0.15             | 12.55                          | 7.09                             | 0.13 | 13.59 | 8.72  | 2.38              | 0.72             | 0.01                          | 2.88  | 841  |
| 97DM-107  | 47.53            | 0.33             | 19.20                          | 4.35                             | 0.07 | 8.95  | 15.39 | 1.55              | 0.06             | 0.02                          | 2.63  | 792  |
| FYRE LAKE   |                  |                  |                                |                                  |      |       |       |                   |                  |                               |       |      |
| JH97-108  | 47.26            | 0.90             | 14.71                          | 11.46                            | 0.27 | 8.10  | 10.16 | 1.31              | 2.09             | 0.19                          | 2.90  | 218  |
| JH97-110  | 47.94            | 0.88             | 15.48                          | 9.54                             | 0.16 | 8.69  | 11.29 | 2.07              | 0.51             | 0.09                          | 2.50  | 371  |
| YUKON TANANA TERRANE -<br>UNIT 2 FELSIC VOLCANIC          | 0.00             | 0.00             | 0.00                           | 0.00                             | 0.00 | 0.00  | 0.00  | 0.00              | 0.00             | 0.00                          | 0.00  | 0    |
| JH97-67   | 77.10            | 0.09             | 12.40                          | 1.80                             | 0.03 | 0.71  | 1.66  | 2.67              | 3.60             | 0.02                          | 0.60  | 11   |
| 97DM-335  | 57.47            | 0.83             | 21.40                          | 8.06                             | 0.05 | 2.53  | 0.24  | 0.45              | 5.15             | 0.11                          | 3.99  | 105  |
| YUKON TANANA TERRANE -<br>UNIT 1                          |                  |                  |                                |                                  |      |       |       |                   |                  |                               |       |      |
| UNIT 1 MAFIC DYKE   | 0.00             | 0.00             | 0.00                           | 0.00                             | 0.00 | 0.00  | 0.00  | 0.00              | 0.00             | 0.00                          | 0.00  | 0    |
| 97DM-144  | 56.10            | 0.74             | 10.29                          | 8.01                             | 0.32 | 8.90  | 10.33 | 1.53              | 1.25             | 0.19                          | 1.14  | 440  |
| 97DM-232  | 47.34            | 1.30             | 14.32                          | 10.99                            | 0.22 | 7.92  | 8.02  | 3.20              | 0.70             | 0.13                          | 5.73  | 285  |
| UNIT 1 FELSIC VOLCAN                                      | 0.00             | 0.00             | 0.00                           | 0.00                             | 0.00 | 0.00  | 0.00  | 0.00              | 0.00             | 0.00                          | 0.00  | 0    |
| 97DM-247  | 74.50            | 0.34             | 12.55                          | 3.13                             | 0.03 | 2.07  | 0.07  | 2.71              | 2.45             | 0.04                          | 2.69  | -10  |
| OTHER AREAS   |                  |                  |                                |                                  |      |       |       |                   |                  |                               |       |      |
| BIG TOP PROPERTY - TESLIN                                 | 0.00             | 0.00             | 0.00                           | 0.00                             | 0.00 | 0.00  | 0.00  | 0.00              | 0.00             | 0.00                          | 0.00  | 0    |
| 97R-081   | 42.41            | 2.55             | 6.17                           | 21.39                            | 0.23 | 11.02 | 13.76 | 1.00              | 0.47             | 0.12                          | 0.37  | 30   |
| 97R-082   | 37.65            | 3.38             | 8.51                           | 25.54                            | 0.20 | 10.45 | 10.60 | 1.15              | 0.81             | 0.08                          | 0.69  | 105  |
| JH97-64A  | 70.55            | 0.38             | 11.07                          | 3.69                             | 0.04 | 1.79  | 2.39  | 5.45              | 0.32             | 0.12                          | 3.13  | 109  |
| JH97-65   | 56.48            | 0.48             | 16.05                          | 5.83                             | 0.09 | 2.80  | 4.62  | 7.22              | 1.48             | 0.37                          | 4.39  | 44   |
| DAN - RANCHERIA   | 0.00             | 0.00             | 0.00                           | 0.00                             | 0.00 | 0.00  | 0.00  | 0.00              | 0.00             | 0.00                          | 0.00  | 0    |
| JH97-53B  | 71.34            | 0.49             | 13.34                          | 3.10                             | 0.08 | 1.46  | 3.85  | 2.52              | 3.30             | 0.12                          | 1.31  | -10  |
| JH97-54   | 59.44            | 0.52             | 17.90                          | 2.51                             | 0.03 | 4.76  | 4.78  | 5.40              | 2.81             | 0.17                          | 1.49  | 29   |
| MARG - SELWYN BASIN                                       |                  |                  |                                |                                  |      |       |       |                   |                  |                               |       |      |
| MARG96-48-116.43  | 41.15            | 2.59             | 12.58                          | 13.74                            | 0.20 | 7.25  | 4.57  | 1.62              | 0.27             | 0.43                          | 15.05 | 12   |
| MARG96-48-360.75  | 55.63            | 0.29             | 17.88                          | 3.77                             | 0.04 | 3.63  | 3.62  | 0.61              | 4.28             | 0.09                          | 6.57  | 0    |
| MARG96-48-401.32  | 83.31            | 0.31             | 6.71                           | 2.90                             | 0.19 | 1.13  | 0.75  | 0.12              | 1.21             | 0.36                          | 2.41  | 51   |
| MM - PELLY-CASSIAR<br>PLATFORM                            |                  |                  |                                |                                  |      |       |       |                   |                  |                               |       |      |
| MM96-01-600   | 57.26            | 0.46             | 13.96                          | 13.31                            | 0.73 | 3.11  | 3.69  | 0.32              | 3.71             | 0.08                          | 1.87  | 0    |
| MM96-01-691   | 55.01            | 0.55             | 19.62                          | 8.68                             | 0.20 | 1.34  | 1.00  | 0.12              | 6.38             | 0.03                          | 5.75  | 21   |
| MM96-01-876   | 62.76            | 0.71             | 16.54                          | 6.54                             | 0.18 | 1.28  | 1.39  | 0.52              | 4.07             | 0.04                          | 4.57  | 0    |

| Sample Name   | Ni   | Co | Sc | V    | Cu  | Pb   | Zn   | Bi    | In    | Sn    | W     | Mo    |
|---|------|----|----|------|-----|------|------|-------|-------|-------|-------|-------|
| FL97-115-787.5  | 55   | 34 |    | 285  | 184 | 6    | 138  | 0.27  | -0.1  | -0.5  | 8.1   | -0.1  |
| FL97-115-797.5  | 301  | 49 |    | 172  | 388 | -5   | 370  | 0.1   | -0.1  | -0.5  | -0.2  | 0.2   |
| FL97-115-805.5  | 177  | 38 |    | 263  | 85  | -5   | 61   | 0.12  | -0.1  | -0.5  | -0.2  | -0.1  |
| FL97-115-812.5  | 169  | 41 |    | 242  | 19  | 7    | 73   | 0.76  | -0.1  | -0.5  | -0.2  | -0.1  |
| FL97-115-817.5  | 187  | 26 |    | 187  | 34  | -5   | 31   | 0.08  | -0.1  | -0.5  | -0.2  | -0.1  |
| FL97-115-824  | 101  | 37 |    | 211  | -10 | 10   | 159  | 0.1   | -0.1  | -0.5  | -0.2  | -0.1  |
|   |      |    |    |      |     |      |      |       |       |       |       |       |
| FL97-76-36  | 131  | 35 |    | 204  | -10 | -5   | 43   | -0.05 | -0.1  | 1.5   | -0.2  | -0.1  |
| FL97-78-109   | 142  | 42 |    | 293  | 55  | -5   | 86   | 0.07  | -0.1  | 1.8   | -0.2  | 0.1   |
| FL97-112-114.5  | 10   | 26 |    | 147  | 30  | 25   | 95   | 0.19  | -0.1  | 0.8   | -0.2  | 0.6   |
| R10STN24  | 62   | 41 |    | 237  | 45  | 10   | 76   | 0.08  | -0.1  | 1.2   | -0.2  | 0.1   |
| R10STN26  | 41   | 19 |    | 182  | -10 | 7    | 88   | 0.05  | -0.1  | 1.1   | -0.2  | 0.2   |
| R10STN35  | 61   | 36 |    | 250  | 48  | 12   | 91   | 0.13  | -0.1  | 0.6   | -0.2  | 0.3   |
| UMEX2   | 210  | 41 |    | 213  | -10 | -5   | 29   | -0.05 | -0.1  | -0.5  | -0.2  | -0.1  |
| REP 3 (duplicate of UMEX2)                                | 163  | 30 |    | 215  | -10 | -5   | 12   | -0.05 | -0.1  | -0.5  | -0.2  | 0.2   |
| YUKON TANANA TERRANE -<br>UNIT 2 BRECCIA                  | 0    | 0  | 0  | 0    | 0   | 0    | 0    | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| JH97-162  | 15   | 39 | 0  | 257  | 58  | 12   | 80   | -0.20 | -0.20 | -1.00 | -0.50 | -0.50 |
| YUKON TANANA TERRANE -<br>UNIT 2 GABBRO/DIORITE<br>105G/7 | 0    | 0  | 0  | 0    | 0   | 0    | 0    | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
|   |      |    |    |      |     |      |      |       |       |       |       |       |
| JH97-63 (97DM-65)   | 1394 | 88 | 0  | 108  | 28  | -5   | 60   | -0.20 | -0.20 | 4.00  | 0.90  | -0.50 |
| 97DM-14   | 219  | 38 | 0  | 160  | 11  | -5   | 25   | -0.20 | -0.20 | -1.00 | -0.50 | -0.50 |
| 97DM-107  | 89   | 27 | 0  | 125  | 68  | -5   | 18   | -0.20 | -0.20 | 1.00  | -0.50 | -0.50 |
| FYRE LAKE   |      |    |    |      |     |      |      |       |       |       |       |       |
| JH97-108  | 27   | 41 | 0  | 252  | 14  | 8    | 196  | -0.20 | -0.20 | -1.00 | 1.50  | 0.80  |
| JH97-110  | 59   | 40 | 0  | 210  | 46  | -5   | 64   | -0.20 | -0.20 | -1.00 | -0.50 | 0.90  |
| YUKON TANANA TERRANE -<br>UNIT 2 FELSIC VOLCANIC          | 0    | 0  | 0  | 0    | 0   | 0    | 0    | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| JH97-67   | 16   | 2  | 0  | 27   | 17  | 31   | 24   | -0.20 | -0.20 | 2.00  | 0.90  | 2.00  |
| 97DM-335  | 43   | 23 | 0  | 102  | 35  | 13   | 122  | -0.20 | -0.20 | 4.00  | 3.20  | 1.10  |
| YUKON TANANA TERRANE -<br>UNIT 1                          |      |    |    |      |     |      |      |       |       |       |       |       |
| UNIT 1 MAFIC DYKE   | 0    | 0  | 0  | 0    | 0   | 0    | 0    | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| 97DM-144  | 301  | 34 | 0  | 147  | -10 | 25   | 463  | -0.20 | -0.20 | 7.00  | 5.70  | 1.50  |
| 97DM-232  | 173  | 42 | 0  | 299  | -10 | 8    | 179  | -0.20 | -0.20 | 3.00  | -0.50 | 1.10  |
| UNIT 1 FELSIC VOLCAN                                      | 0    | 0  | 0  | 0    | 0   | 0    | 0    | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| 97DM-247  | -10  | -1 | 0  | -5   | 63  | 9    | 39   | 0.30  | -0.20 | 33.00 | 1.60  | 5.80  |
| OTHER AREAS   |      |    |    |      |     |      |      |       |       |       |       |       |
| BIG TOP PROPERTY - TESLIN                                 | 0    | 0  | 0  | 0    | 0   | 0    | 0    | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| 97R-081   | -10  | 64 | 0  | 1030 | 12  | -5   | 151  | -0.20 | -0.20 | 2.00  | -0.50 | 0.60  |
| 97R-082   | -10  | 83 | 0  | 1269 | 236 | 5    | 168  | 0.30  | -0.20 | 1.00  | 0.90  | 0.50  |
| JH97-64A  | 20   | 4  | 0  | 538  | 12  | 17   | 1209 | -0.20 | -0.20 | -1.00 | 0.90  | 15.00 |
|   |      |    |    |      |     |      |      |       |       |       |       |       |
| JH97-65   | -10  | 12 | 0  | 167  | 33  | -5   | 40   | -0.20 | -0.20 | -1.00 | 3.00  | -0.50 |
| DAN - RANCHERIA   | 0    | 0  | 0  | 0    | 0   | 0    | 0    | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| JH97-53B  | -10  | 6  | 0  | 10   | 50  | 12   | 48   | -0.20 | -0.20 | 2.00  | 1.10  | 0.60  |
| JH97-54   | -10  | 12 | 0  | 204  | 42  | 11   | 31   | -0.20 | -0.20 | 5.00  | 0.70  | 1.90  |
| MARG - SELWYN BASIN                                       |      |    |    |      |     |      |      |       |       |       |       |       |
| MARG96-48-116.43  | 50   | 44 | 0  | 307  | 30  | 0    | 82   | 0.00  | 0.10  | 1.80  | 0.62  | 1.58  |
| MARG96-48-360.75  | 0    | 2  | 0  | 17   | 20  | 25   | 79   | 0.15  | 0.00  | 4.50  | 1.03  | 5.61  |
| MARG96-48-401.32  | 190  | 15 | 0  | 65   | 106 | 8    | 58   | 0.00  | 0.00  | 1.20  | 1.47  | 1.70  |
| MM - PELLY-CASSIAR<br>PLATFORM                            |      |    |    |      |     |      |      |       |       |       |       |       |
|   |      |    |    |      |     |      |      |       |       |       |       |       |
| MM96-01-600   | 0    | 2  | 0  | 6    | 19  | 1161 | 5969 | 0.83  | 0.30  | 6.10  | 3.05  | 0.82  |
| MM96-01-691   | 32   | 1  | 0  | 47   | 9   | 338  | 1045 | 0.14  | 0.20  | 7.20  | 5.96  | 13.37 |
| MM96-01-876   | 0    | 1  | 0  | 5    | 0   | 119  | 1185 | 0.00  | 0.20  | 4.90  | 6.79  | 5.66  |

| Sample Name   | S    | As     | Sb    | Ag   | Rb  | Cs    | Ba   | Sr   | Tl    | Ga | Li   | Ta    |
|---|------|--------|-------|------|-----|-------|------|------|-------|----|------|-------|
| FL97-115-787.5  |      | -5     | 0.12  | -0.5 | 18  | 16    | 91   | 83.8 | 0.08  | 15 |      | 0.04  |
| FL97-115-797.5  |      | -5     | 0.05  | -0.5 | 6.5 | 7.5   | 1565 | 49.9 | 0.05  | 11 |      | 0.02  |
| FL97-115-805.5  |      | -5     | -0.05 | -0.5 | 10  | 3     | 1024 | 165  | 0.07  | 12 |      | 0.02  |
| FL97-115-812.5  |      | -5     | 0.24  | -0.5 | 15  | 6.1   | 573  | 81.8 | 0.12  | 14 |      | 0.01  |
| FL97-115-817.5  |      | -5     | -0.05 | -0.5 | 25  | 9.7   | 683  | 147  | 0.1   | 11 |      | 0.02  |
| FL97-115-824  |      | -5     | -0.05 | -0.5 | 19  | 4.2   | 2333 | 188  | 0.11  | 11 |      | 0.03  |
|   |      |        |       |      |     |       |      |      |       |    |      |       |
| FL97-76-36  |      | -5     | 0.19  | -0.5 | 15  | 6.4   | 492  | 451  | 0.08  | 16 |      | 0.61  |
| FL97-78-109   |      | -5     | 0.27  | -0.5 | 6.3 | 1     | 94   | 354  | 0.12  | 21 |      | 0.66  |
| FL97-112-114.5  |      | -5     | 0.4   | -0.5 | 44  | 1.6   | 950  | 434  | 0.29  | 19 |      | 0.59  |
| R10STN24  |      | -5     | 1.03  | -0.5 | 4.3 | 0.4   | 140  | 622  | -0.05 | 20 |      | 0.17  |
| R10STN26  |      | -5     | 0.83  | -0.5 | 41  | 1.6   | 1941 | 398  | 0.25  | 16 |      | 0.76  |
| R10STN35  |      | 6      | 0.11  | -0.5 | 14  | 2.8   | 199  | 388  | 0.22  | 16 |      | 0.11  |
| UMEX2   |      | -5     | -0.05 | -0.5 | 6.7 | 0.7   | 153  | 54.1 | -0.05 | 11 |      | 0.02  |
| REP 3 (duplicate of UMEX2)                                |      | -5     | -0.05 | -0.5 | 7.8 | 0.6   | 156  | 52.6 | -0.05 | 10 |      | 0.01  |
| YUKON TANANA TERRANE -<br>UNIT 2 BRECCIA                  | 0.00 | 0.00   | 0.00  | 0.0  | 0   | 0.00  | 0    | 0    | 0.00  | 0  | 0.00 | 0.00  |
| JH97-162  | 0.00 | -5.00  | 0.20  | 0.8  | 8   | -0.50 | 197  | 266  | -0.10 | 16 | 0.00 | 0.18  |
| YUKON TANANA TERRANE -<br>UNIT 2 GABBRO/DIORITE<br>105G/7 | 0.00 | 0.00   | 0.00  | 0.0  | 0   | 0.00  | 0    | 0    | 0.00  | 0  | 0.00 | 0.00  |
|   |      |        |       |      |     |       |      |      |       |    |      |       |
| JH97-63 (97DM-65)   | 0.00 | -5.00  | 0.10  | -0.5 | 1   | 4.60  | 8    | 3    | -0.10 | 5  | 0.00 | -0.05 |
| 97DM-14   | 0.00 | -5.00  | -0.10 | -0.5 | 5   | -0.50 | 192  | 28   | -0.10 | 8  | 0.00 | -0.05 |
| 97DM-107  | 0.00 | -5.00  | 0.60  | -0.5 | 1   | -0.50 | 21   | 161  | -0.10 | 12 | 0.00 | -0.05 |
| FYRE LAKE   |      |        |       |      |     |       |      |      |       |    |      |       |
| JH97-108  | 0.00 | -5.00  | 0.60  | -0.5 | 91  | 0.90  | 528  | 174  | 0.40  | 17 | 0.00 | 0.22  |
| JH97-110  | 0.00 | -5.00  | 0.20  | -0.5 | 18  | -0.50 | 221  | 168  | -0.10 | 15 | 0.00 | 0.10  |
| YUKON TANANA TERRANE -<br>UNIT 2 FELSIC VOLCANIC          | 0.00 | 0.00   | 0.00  | 0.0  | 0   | 0.00  | 0    | 0    | 0.00  | 0  | 0.00 | 0.00  |
| JH97-67   | 0.00 | -5.00  | 0.20  | -0.5 | 84  | 1.90  | 2033 | 163  | 0.80  | 15 | 0.00 | 0.68  |
| 97DM-335  | 0.00 | 22.00  | 0.20  | -0.5 | 199 | 3.40  | 1282 | 71   | 0.90  | 31 | 0.00 | 1.42  |
| YUKON TANANA TERRANE -<br>UNIT 1                          |      |        |       |      |     |       |      |      |       |    |      |       |
| UNIT 1 MAFIC DYKE   | 0.00 | 0.00   | 0.00  | 0.0  | 0   | 0.00  | 0    | 0    | 0.00  | 0  | 0.00 | 0.00  |
| 97DM-144  | 0.00 | -5.00  | 0.10  | -0.5 | 42  | 6.10  | 1960 | 219  | 0.30  | 18 | 0.00 | 1.09  |
| 97DM-232  | 0.00 | 11.00  | 0.30  | -0.5 | 20  | 1.20  | 916  | 157  | 0.10  | 16 | 0.00 | 0.31  |
| UNIT 1 FELSIC VOLCAN                                      | 0.00 | 0.00   | 0.00  | 0.0  | 0   | 0.00  | 0    | 0    | 0.00  | 0  | 0.00 | 0.00  |
| 97DM-247  | 0.00 | -5.00  | 0.10  | 0.6  | 75  | 1.40  | 738  | 20   | 0.50  | 18 | 0.00 | 2.64  |
| OTHER AREAS   |      |        |       |      |     |       |      |      |       |    |      |       |
| BIG TOP PROPERTY - TESLIN                                 | 0.00 | 0.00   | 0.00  | 0.0  | 0   | 0.00  | 0    | 0    | 0.00  | 0  | 0.00 | 0.00  |
| 97R-081   | 0.00 | -5.00  | 1.20  | -0.5 | 3   | -0.50 | 237  | 99   | -0.10 | 16 | 0.00 | 0.14  |
| 97R-082   | 0.00 | -5.00  | 0.90  | -0.5 | 11  | 0.80  | 318  | 148  | -0.10 | 19 | 0.00 | 0.18  |
| JH97-64A  | 0.00 | 17.00  | 1.00  | -0.5 | 9   | 0.60  | 352  | 308  | 0.20  | 11 | 0.00 | 0.38  |
|   |      |        |       |      |     |       |      |      |       |    |      |       |
| JH97-65   | 0.00 | -5.00  | 0.20  | -0.5 | 35  | 4.40  | 1448 | 901  | 0.30  | 17 | 0.00 | 0.28  |
| DAN - RANCHERIA   | 0.00 | 0.00   | 0.00  | 0.0  | 0   | 0.00  | 0    | 0    | 0.00  | 0  | 0.00 | 0.00  |
| JH97-53B  | 0.00 | -5.00  | 3.00  | -0.5 | 62  | 7.10  | 2934 | 176  | 0.60  | 14 | 0.00 | 0.41  |
| JH97-54   | 0.00 | -5.00  | 13.90 | -0.5 | 101 | 5.70  | 1255 | 337  | 1.20  | 18 | 0.00 | 0.45  |
| MARG - SELWYN BASIN                                       |      |        |       |      |     |       |      |      |       |    |      |       |
| MARG96-48-116.43  | 0.00 | 13.00  | 1.11  | 0.0  | 9   | 1.09  | 295  | 232  | 0.14  | 23 | 0.00 | 2.39  |
| MARG96-48-360.75  | 0.00 | 20.00  | 1.93  | 0.0  | 124 | 6.96  | 7078 | 253  | 32.14 | 31 | 0.00 | 3.23  |
| MARG96-48-401.32  | 0.00 | 9.00   | 0.81  | 0.0  | 53  | 4.13  | 5748 | 73   | 1.63  | 15 | 0.00 | 0.62  |
| MM - PELLY-CASSIAR<br>PLATFORM                            |      |        |       |      |     |       |      |      |       |    |      |       |
|   |      |        |       |      |     |       |      |      |       |    |      |       |
| MM96-01-600   | 0.00 | 0.00   | 1.95  | 0.0  | 97  | 3.66  | 6329 | 141  | 1.22  | 41 | 0.00 | 14.78 |
| MM96-01-691   | 0.00 | 36.00  | 1.40  | 0.0  | 248 | 2.78  | 6409 | 39   | 7.79  | 53 | 0.00 | 24.34 |
| MM96-01-876   | 0.00 | 302.00 | 2.79  | 0.0  | 143 | 3.48  | 8774 | 44   | 16.78 | 41 | 0.00 | 10.97 |



| Sample Name   | Nb    | Hf    | Zr   | Ti | Y   | Th    | U     | La     | Ce     | Pr    | Nd     | Sm    |
|---|-------|-------|------|----|-----|-------|-------|--------|--------|-------|--------|-------|
| FL97-115-787.5  | 0.7   | 0.5   | 11   |    | 12  | 0.16  | 0.22  | 0.69   | 1.58   | 0.224 | 1.45   | 0.62  |
| FL97-115-797.5  | -0.5  | 0.3   | 8    |    | 4.8 | 0.07  | 0.16  | 0.26   | 0.59   | 0.091 | 0.64   | 0.3   |
| FL97-115-805.5  | -0.5  | 0.3   | 7.2  |    | 6.6 | 0.11  | 0.25  | 0.55   | 1.17   | 0.147 | 0.89   | 0.32  |
| FL97-115-812.5  | -0.5  | 0.3   | 6.4  |    | 7.7 | 0.09  | 0.38  | 0.45   | 1.02   | 0.139 | 0.88   | 0.36  |
| FL97-115-817.5  | 0.6   | 0.4   | 9.1  |    | 8.1 | 0.1   | 0.12  | 0.58   | 1.22   | 0.19  | 1.28   | 0.51  |
| FL97-115-824  | -0.5  | 0.2   | 5.4  |    | 6.6 | 0.08  | 0.15  | 0.42   | 0.87   | 0.108 | 0.67   | 0.26  |
|   |       |       |      |    |     |       |       |        |        |       |        |       |
| FL97-76-36  | 10    | 3.5   | 124  |    | 22  | 10.6  | 1.16  | 33.8   | 62.6   | 6.757 | 31.5   | 5.73  |
| FL97-78-109   | 11    | 4.7   | 191  |    | 35  | 2.26  | 0.59  | 16.8   | 40.2   | 5.023 | 28.2   | 6.55  |
| FL97-112-114.5  | 9.6   | 3.4   | 117  |    | 19  | 7.89  | 2.27  | 28.8   | 52.4   | 5.615 | 26.7   | 4.79  |
| R10STN24  | 4.2   | 2.5   | 98   |    | 32  | 0.73  | 0.22  | 13.9   | 26.3   | 3.693 | 20.8   | 5.01  |
| R10STN26  | 12    | 3.4   | 121  |    | 23  | 7     | 2.15  | 28.1   | 51.8   | 5.672 | 26.9   | 5.18  |
| R10STN35  | 2     | 1.9   | 63   |    | 25  | 0.36  | 0.18  | 4.71   | 10.2   | 1.644 | 10.7   | 3.26  |
| UMEX2   | 0.7   | 0.4   | 12   |    | 8.5 | 0.16  | 0.12  | 0.69   | 1.56   | 0.216 | 1.37   | 0.54  |
| REP 3 (duplicate of UMEX2)                                | 0.5   | 0.4   | 10   |    | 8.6 | 0.12  | 0.1   | 0.6    | 1.44   | 0.205 | 1.34   | 0.53  |
| YUKON TANANA TERRANE -<br>UNIT 2 BRECCIA                  | 0.0   | 0.00  | 0    | 0  | 0   | 0.00  | 0.00  | 0.00   | 0.00   | 0.00  | 0.00   | 0.00  |
| JH97-162  | 3.0   | 1.90  | 64   | 0  | 24  | 1.40  | 0.50  | 7.20   | 17.00  | 2.40  | 12.00  | 3.40  |
| YUKON TANANA TERRANE -<br>UNIT 2 GABBRO/DIORITE<br>105G/7 | 0.0   | 0.00  | 0    | 0  | 0   | 0.00  | 0.00  | 0.00   | 0.00   | 0.00  | 0.00   | 0.00  |
|   |       |       |      |    |     |       |       |        |        |       |        |       |
| JH97-63 (97DM-65)   | -1.0  | -0.20 | 2    | 0  | 2   | -0.10 | -0.10 | 0.20   | 0.40   | 0.05  | 0.20   | -0.10 |
| 97DM-14   | -1.0  | 0.20  | 6    | 0  | 4   | -0.10 | -0.10 | 0.30   | 0.70   | 0.11  | 0.70   | 0.30  |
| 97DM-107  | -1.0  | 0.50  | 15   | 0  | 9   | 0.30  | -0.10 | 0.90   | 2.40   | 0.38  | 2.20   | 0.80  |
| FYRE LAKE   |       |       |      |    |     |       |       |        |        |       |        |       |
| JH97-108  | 3.0   | 1.70  | 55   | 0  | 19  | 1.70  | 0.60  | 9.40   | 21.00  | 2.93  | 13.00  | 3.30  |
| JH97-110  | 2.0   | 1.50  | 51   | 0  | 22  | 1.00  | 0.30  | 4.50   | 11.00  | 1.56  | 7.70   | 2.50  |
| YUKON TANANA TERRANE -<br>UNIT 2 FELSIC VOLCANIC          | 0.0   | 0.00  | 0    | 0  | 0   | 0.00  | 0.00  | 0.00   | 0.00   | 0.00  | 0.00   | 0.00  |
| JH97-67   | 5.0   | 3.60  | 95   | 0  | 23  | 18.00 | 3.60  | 27.00  | 57.00  | 6.20  | 23.00  | 5.30  |
| 97DM-335  | 17.0  | 4.10  | 141  | 0  | 35  | 18.00 | 2.60  | 57.00  | 110.00 | 12.40 | 48.00  | 9.20  |
| YUKON TANANA TERRANE -<br>UNIT 1                          |       |       |      |    |     |       |       |        |        |       |        |       |
| UNIT 1 MAFIC DYKE   | 0.0   | 0.00  | 0    | 0  | 0   | 0.00  | 0.00  | 0.00   | 0.00   | 0.00  | 0.00   | 0.00  |
| 97DM-144  | 13.0  | 4.20  | 145  | 0  | 38  | 8.70  | 2.90  | 47.00  | 91.00  | 10.70 | 42.00  | 8.80  |
| 97DM-232  | 4.0   | 2.00  | 74   | 0  | 25  | 0.40  | 0.20  | 3.40   | 9.20   | 1.37  | 7.70   | 2.60  |
| UNIT 1 FELSIC VOLCAN                                      | 0.0   | 0.00  | 0    | 0  | 0   | 0.00  | 0.00  | 0.00   | 0.00   | 0.00  | 0.00   | 0.00  |
| 97DM-247  | 25.0  | 12.00 | 425  | 0  | 21  | 31.00 | 6.90  | 25.00  | 34.00  | 2.39  | 5.40   | 0.80  |
| OTHER AREAS   |       |       |      |    |     |       |       |        |        |       |        |       |
| BIG TOP PROPERTY - TESLIN                                 | 0.0   | 0.00  | 0    | 0  | 0   | 0.00  | 0.00  | 0.00   | 0.00   | 0.00  | 0.00   | 0.00  |
| 97R-081   | 2.0   | 1.30  | 36   | 0  | 19  | 0.80  | 0.20  | 3.80   | 10.00  | 1.53  | 8.70   | 2.80  |
| 97R-082   | 3.0   | 1.50  | 40   | 0  | 24  | 0.50  | 0.10  | 3.70   | 11.00  | 1.86  | 11.00  | 3.70  |
| JH97-64A  | 5.0   | 3.20  | 113  | 0  | 35  | 7.00  | 7.00  | 21.00  | 31.00  | 4.81  | 20.00  | 4.20  |
|   |       |       |      |    |     |       |       |        |        |       |        |       |
| JH97-65   | 4.0   | 2.20  | 78   | 0  | 14  | 3.20  | 1.40  | 11.00  | 22.00  | 2.58  | 11.00  | 2.50  |
| DAN - RANCHERIA   | 0.0   | 0.00  | 0    | 0  | 0   | 0.00  | 0.00  | 0.00   | 0.00   | 0.00  | 0.00   | 0.00  |
| JH97-53B  | 5.0   | 3.40  | 115  | 0  | 31  | 4.60  | 1.50  | 20.00  | 41.00  | 4.77  | 19.00  | 4.40  |
| JH97-54   | 2.0   | 2.70  | 91   | 0  | 20  | 3.80  | 1.50  | 15.00  | 32.00  | 4.19  | 17.00  | 3.90  |
| MARG - SELWYN BASIN                                       |       |       |      |    |     |       |       |        |        |       |        |       |
| MARG96-48-116.43  | 47.6  | 4.96  | 222  | 0  | 35  | 3.26  | 0.87  | 27.50  | 57.62  | 5.76  | 30.21  | 7.06  |
| MARG96-48-360.75  | 36.3  | 11.41 | 303  | 0  | 67  | 39.19 | 8.22  | 83.24  | 154.82 | 13.65 | 58.45  | 12.26 |
| MARG96-48-401.32  | 6.1   | 2.58  | 98   | 0  | 14  | 6.41  | 1.41  | 17.70  | 49.11  | 3.50  | 16.04  | 3.89  |
| MM - PELLY-CASSIAR<br>PLATFORM                            |       |       |      |    |     |       |       |        |        |       |        |       |
|   |       |       |      |    |     |       |       |        |        |       |        |       |
| MM96-01-600   | 225.6 | 20.09 | 785  | 0  | 78  | 29.79 | 7.66  | 150.86 | 274.83 | 23.82 | 98.60  | 18.91 |
| MM96-01-691   | 353.7 | 32.71 | 1333 | 0  | 108 | 57.44 | 16.02 | 254.18 | 440.99 | 36.83 | 147.72 | 27.76 |
| MM96-01-876   | 194.0 | 16.02 | 613  | 0  | 62  | 23.56 | 6.47  | 120.33 | 215.35 | 19.09 | 79.59  | 15.12 |

| Sample Name   | Eu    | Gd    | Tb    | Dy    | Ho    | Er    | Tm    | Yb    | Lu    | Be   |
|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| FL97-115-787.5  | 0.235 | 1.09  | 0.28  | 1.99  | 0.47  | 1.55  | 0.238 | 1.77  | 0.286 |      |
| FL97-115-797.5  | 0.012 | 0.48  | 0.11  | 0.81  | 0.19  | 0.62  | 0.096 | 0.71  | 0.115 |      |
| FL97-115-805.5  | 0.103 | 0.5   | 0.13  | 0.97  | 0.24  | 0.81  | 0.138 | 1.03  | 0.188 |      |
| FL97-115-812.5  | 0.153 | 0.66  | 0.16  | 1.2   | 0.29  | 0.97  | 0.161 | 1.14  | 0.184 |      |
| FL97-115-817.5  | 0.175 | 0.78  | 0.19  | 1.27  | 0.3   | 0.97  | 0.149 | 1.07  | 0.169 |      |
| FL97-115-824  | 0.024 | 0.51  | 0.13  | 0.98  | 0.25  | 0.84  | 0.139 | 1.04  | 0.164 |      |
|   |       |       |       |       |       |       |       |       |       |      |
| FL97-76-36  | 1.564 | 4.47  | 0.78  | 4.28  | 0.85  | 2.48  | 0.338 | 2.25  | 0.343 |      |
| FL97-78-109   | 2.136 | 6.41  | 1.2   | 6.88  | 1.4   | 3.89  | 0.539 | 3.55  | 0.518 |      |
| FL97-112-114.5  | 1.208 | 3.76  | 0.65  | 3.68  | 0.7   | 2.08  | 0.292 | 1.91  | 0.291 |      |
| R10STN24  | 1.601 | 4.99  | 0.95  | 5.63  | 1.14  | 3.4   | 0.471 | 3.04  | 0.467 |      |
| R10STN26  | 1.271 | 4.32  | 0.78  | 4.38  | 0.88  | 2.59  | 0.347 | 2.33  | 0.355 |      |
| R10STN35  | 1.123 | 3.88  | 0.78  | 4.7   | 1     | 2.87  | 0.396 | 2.61  | 0.383 |      |
| UMEX2   | 0.195 | 0.83  | 0.21  | 1.44  | 0.35  | 1.09  | 0.179 | 1.23  | 0.195 |      |
| REP 3 (duplicate of UMEX2)                                | 0.202 | 0.86  | 0.21  | 1.45  | 0.34  | 1.08  | 0.167 | 1.21  | 0.195 |      |
| YUKON TANANA TERRANE -<br>UNIT 2 BRECCIA                  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00 |
| JH97-162  | 1.22  | 4.10  | 0.70  | 4.40  | 0.90  | 2.60  | 0.40  | 2.40  | 0.35  | 0.00 |
| YUKON TANANA TERRANE -<br>UNIT 2 GABBRO/DIORITE<br>105G/7 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00 |
|   |       |       |       |       |       |       |       |       |       |      |
| JH97-63 (97DM-65)   | -0.05 | 0.10  | -0.10 | 0.20  | -0.10 | 0.20  | -0.05 | 0.30  | -0.05 | 0.00 |
| 97DM-14   | 0.16  | 0.50  | 0.10  | 0.80  | 0.20  | 0.60  | 0.09  | 0.60  | 0.10  | 0.00 |
| 97DM-107  | 0.39  | 1.00  | 0.20  | 1.50  | 0.30  | 0.90  | 0.14  | 0.80  | 0.13  | 0.00 |
| FYRE LAKE   |       |       |       |       |       |       |       |       |       |      |
| JH97-108  | 1.07  | 3.50  | 0.60  | 3.40  | 0.70  | 2.00  | 0.30  | 1.90  | 0.27  | 0.00 |
| JH97-110  | 0.95  | 3.20  | 0.60  | 3.80  | 0.80  | 2.40  | 0.36  | 2.30  | 0.34  | 0.00 |
| YUKON TANANA TERRANE -<br>UNIT 2 FELSIC VOLCANIC          | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00 |
| JH97-67   | 0.75  | 4.40  | 0.80  | 4.10  | 0.80  | 2.50  | 0.35  | 2.20  | 0.35  | 0.00 |
| 97DM-335  | 1.66  | 7.20  | 1.10  | 6.20  | 1.20  | 3.70  | 0.56  | 3.60  | 0.53  | 0.00 |
| YUKON TANANA TERRANE -<br>UNIT 1                          |       |       |       |       |       |       |       |       |       |      |
| UNIT 1 MAFIC DYKE   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00 |
| 97DM-144  | 1.27  | 8.30  | 1.40  | 6.90  | 1.30  | 3.70  | 0.53  | 3.20  | 0.44  | 0.00 |
| 97DM-232  | 0.90  | 3.30  | 0.70  | 4.30  | 0.90  | 2.60  | 0.42  | 2.50  | 0.38  | 0.00 |
| UNIT 1 FELSIC VOLCAN                                      | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00 |
| 97DM-247  | 0.11  | 1.10  | 0.30  | 2.40  | 0.70  | 2.70  | 0.54  | 3.90  | 0.64  | 0.00 |
| OTHER AREAS   |       |       |       |       |       |       |       |       |       |      |
| BIG TOP PROPERTY - TESLIN                                 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00 |
| 97R-081   | 0.81  | 3.30  | 0.60  | 3.70  | 0.80  | 2.00  | 0.29  | 1.70  | 0.25  | 0.00 |
| 97R-082   | 1.11  | 4.00  | 0.80  | 4.60  | 0.90  | 2.60  | 0.36  | 2.10  | 0.28  | 0.00 |
| JH97-64A  | 1.00  | 4.40  | 0.70  | 4.50  | 1.00  | 3.10  | 0.50  | 3.10  | 0.48  | 0.00 |
|   |       |       |       |       |       |       |       |       |       |      |
| JH97-65   | 0.81  | 2.60  | 0.40  | 2.40  | 0.50  | 1.40  | 0.21  | 1.40  | 0.22  | 0.00 |
| DAN - RANCHERIA   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00 |
| JH97-53B  | 1.11  | 4.80  | 0.80  | 4.80  | 1.10  | 3.40  | 0.53  | 3.50  | 0.54  | 0.00 |
| JH97-54   | 1.32  | 3.60  | 0.60  | 3.30  | 0.70  | 2.10  | 0.32  | 2.20  | 0.34  | 0.00 |
| MARG - SELWYN BASIN                                       |       |       |       |       |       |       |       |       |       |      |
| MARG96-48-116.43  | 2.27  | 7.84  | 1.28  | 6.92  | 1.34  | 4.01  | 0.51  | 3.43  | 0.57  | 0.00 |
| MARG96-48-360.75  | 1.33  | 13.37 | 1.99  | 11.13 | 2.35  | 7.29  | 1.03  | 6.69  | 1.16  | 0.00 |
| MARG96-48-401.32  | 0.80  | 4.39  | 0.60  | 3.34  | 0.63  | 2.07  | 0.28  | 2.03  | 0.37  | 0.00 |
| MM - PELLY-CASSIAR<br>PLATFORM                            |       |       |       |       |       |       |       |       |       |      |
|   |       |       |       |       |       |       |       |       |       |      |
| MM96-01-600   | 2.87  | 21.31 | 2.97  | 15.25 | 2.90  | 8.92  | 1.18  | 7.40  | 1.24  | 0.00 |
| MM96-01-691   | 3.37  | 30.60 | 3.95  | 20.43 | 3.92  | 12.23 | 1.69  | 10.98 | 1.82  | 0.00 |
| MM96-01-876   | 2.12  | 17.03 | 2.33  | 11.71 | 2.27  | 6.92  | 0.86  | 5.86  | 1.02  | 0.00 |

| Sample Name | Locality           | UTM  | Rock Type  | Symbol | Colour | Mg Number |
|-------------|--------------------|--|--|--------|--------|-----------|
| MM96-01-982 | Diamond drill hole | collared about 225m SW of 22367600N; 408100E | ash tuff/chert, pale grey, very fine-grained to fine-grained, banded, siliceous, locally contains fine-grained disseminated pyrite and sericite, intensely folded/crenulated, locally contains flattened quartz grains up to 3 mm long, locally bands with epidote alteration, trace pyrrhotite and galena | 4      | 1      | 21.17     |
| STANDARD    |                    |  |  | 15     | 15     | 0.00      |
| 97AA (SY2)  |                    |  |  | 15     | 15     | 45.24     |
|             |                    |  |  |        |        |           |
|             |                    |  |  |        |        |           |
|             |                    |  |  |        |        |           |
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