

# DRILL HOLE RECORD

825642

|   |  |  |  |  |              |                              |            |      |          |
|---|--|--|--|--|--------------|------------------------------|------------|------|----------|
| PROJECT NAME : <u>RAINBOW</u>                       |  | DATE STARTED (M/D/Y): <u>10/01/90</u>  |  | DIRECTIONAL DATA: A = Acid Test<br>L = Light Log |              | M = Multishot<br>T = Tropari |            |      |          |
| HOLE NUMBER : <u>RDH-90-02</u>                      |  | DATE COMPLETED(M/D/Y): <u>10/03/90</u> |  | DEPTH (m)  | TYPE A/L/M/T | ASTRONOMIC AZIMUTH           | DIP        | FLAG | COMMENTS |
| LOCATION : <u>MIDWAY MINE AREA</u>                  |  | DATE LOGGED (M/D/Y): <u>10/04/90</u>   |  | <u>37.5</u>                                      | <u>A</u>     |                              | <u>-60</u> |      |          |
| PROJECT NUMBER : <u>661</u>                         |  | UNITS (F/M) : <u>M</u>                 |  | <u>97.86</u>                                     | <u>A</u>     |                              | <u>-60</u> |      |          |
| CLAIM NUMBER :                                      |  |  |  | <u>154.57</u>                                    | <u>A</u>     |                              | <u>-62</u> |      |          |
| PLOTTING COORDS                                     |  | ALTERNATE COORDS                       |  |  |              |                              |            |      |          |
| GRID : <u>RAINBOW</u>                               |  | GRID :                                 |  |  |              |                              |            |      |          |
| NORTH : <u>89+75 N</u>                              |  | NORTH : _____ + _____                  |  |  |              |                              |            |      |          |
| EAST : <u>93+75 E</u>                               |  | EAST : _____ + _____                   |  |  |              |                              |            |      |          |
| ELEV : <u>≈ 985 m</u>                               |  | ELEV : _____                           |  |  |              |                              |            |      |          |
| COLLAR BRNG   |  | COLLAR SURVEY(Y/N) : <u>N</u>          |  |  |              |                              |            |      |          |
| GRID : <u>180°</u>                                  |  | RQD LOG (Y/N) : <u>N</u>               |  |  |              |                              |            |      |          |
| ASTRONOMIC : <u>180°</u>                            |  | PULSE EM SURVEY(Y/N): <u>N</u>         |  |  |              |                              |            |      |          |
| COLLAR DIP: <u>-60°</u>                             |  |  |  |  |              |                              |            |      |          |
| CONTRACTOR : <u>LONE RANGER</u>                     |  | LOGGED BY : <u>L. Lee</u>              |  |  |              |                              |            |      |          |
| CORE STORAGE : <u>BOUNDARY FALLS FARM</u>           |  | START DEPTH: <u>0 m</u>                |  |  |              |                              |            |      |          |
| CASING : <u>LEFT IN HOLE</u>                        |  | FINAL DEPTH: <u>154.57</u>             |  |  |              |                              |            |      |          |
| PLUGGED (Y/N): <u>N</u>                             |  |  |  |  |              |                              |            |      |          |
| HOLE SIZE : <u>NQ</u>                               |  |  |  |  |              |                              |            |      |          |
| PURPOSE/COMMENTS : <u>Test Midway shear @ depth</u> |  |  |  |  |              |                              |            |      |          |

HOLE NO. RDH-90-02

LOGGED BY L. Lee

| FROM TO       | ROCK TYPE  | COLOUR          | GRAIN SIZE | TEXTURE AND STRUCTURE   | ANGLE TO CORE AXIS | ALTERATION  | SULPHIDES | REMARKS  |
|---------------|--|-----------------|------------|---|--------------------|---|-----------|--|
| 0 - 3.05 m    | << CASING >><br>47                                     |                 |            |   |                    |   |           |  |
| 3.05 - 7.9 m  | TERTIARY BIOTITE MONZONITE DYKE<br><< TERTIARY DYKE >> | Dark grey brown | fine-med   | Massive, fresh dyke w 57% 1-2mm biotite, 20% mafic (px?) in purp grey fsp rich <sup>fine grained</sup> matrix. Locally grades to coarser grained w 20-30% 2-3mm fsp (@ top and bottom of interval) 7.9 m 10 cm gouge zone @ lower contact                                     |                    | Saus of fsp in coarser grained sections<br>- v minor carb stringers                           |           |  |
| 7.9 - 9.4     | << Qtz - FSP PORPH >>                                  | Pale green      | fine       | 5% 2 mm qtz <sup>in contact</sup> eyes, 20% v fine (1mm) fsp in fine green siliceous matrix   |                    | Min qtz units, mod perv silic'n<br>- some <del>or</del> frags<br><< silic'n >>                |           | 7.9 - 8.0 Fault Zone                                   |
| 9.4 - 13.1 m  | TERTIARY BIOTITE MONZONITE DYKE<br><< TERTIARY DYKE >> | Dark grey brown | med        | Altered interval of dyke as above. Coarser grained w 20% saus fsp as in coarse intervals above Rx broken. minor gouge zones ie) 12.9 m sharp lower contact @ 40°  |                    | - fsp saus<br>- mod carb stringers  |           | 9.4-10.4 << Fault Zone >><br>broken core, poor recover |
| 13.1 - 34.4 m | << SERPENTINE >>                                       | Black-green     | fine       | 13.1-15.9 m Interval of str foliated grey-black serp (random) w gougy & bx zones w white carb clasts Upper contact sharp @ 40° Lower contact gradab into green foliated serp Strongly magnetic<br>15.9-23.4 Dark green, well foliated, str magnetic serpentine fol'n @ 45-60° |                    | 13.1-15.9 m locally hematitic<br><br>15.9-23.4 10% late carb stringers, par to fol'n & random |           | 13.1-15.9 m << Fault Zone >>                           |



| FROM TO          | ROCK TYPE             | COLOUR          | GRAIN SIZE | TEXTURE AND STRUCTURE   | ANGLE TO CORE AXIS | ALTERATION  | SULPHIDES  | REMARKS |
|------------------|-----------------------|-----------------|------------|---|--------------------|---|--|---------|
| 13.1 - 34.4 cont | Serpentine cont       |                 |            | <p>23.4 - 30.8 m<br/>           Pale grey, str foliated, weak - non magnetic Serp. Str talc alt'n<br/>           Fol'n @ 75-80°<br/>           Gradational contact to massive, non foliated Serp below</p> <p>30.8 - 34.4 m<br/>           Pale grey tlc alt'd serp as above but massive, non foliated - weakly foliated</p>  |                    | <p>23.4 - 30.8 ft<br/>           Str talc alt'n<br/>           Minor qtz vns - white-grey, v fine, par to fol'n, to 1 cm<br/>           weak mod carb viny par to fol'n<br/>           &lt;&lt; talc alt'n &gt;&gt;</p> <p>30.8 - 34.4<br/>           Mod late white carb viny</p>  | <p>23.4 - 30.8<br/>           Minor diss py &amp; py as stringers along fol'n</p> <p>30.8 - 34.4<br/>           Minor Py</p>   |         |
| 34.4 - 47.5 m    | << Qtz - Fsp Porph >> | Pale green-grey | med        | <p>34.4 - 41.6 m<br/>           5% grey qtz eyes avg 2mm, 25-30% fsp, avg 1-2mm green (clay - chl alt'd) in dry grey gmass.</p> <p>41.6 - 45.6 Pale grey green qtz-fsp porph as above but fsp white-pale green (saus)</p> <p>45.1-45.2 10 cm grey silic'd, pt net, well sheared zone &amp; mod by</p> <p>45.6 - 47.5<br/>           Coarse grained porphyry w 5% qtz eyes avg 2mm, 60% fsp avg 2-3mm in dry grey gmass</p> <p>47.4-47.5 10 cm rusty silic'd zone above contact w Serp</p> |                    | <p>34.4 - 41.6 ft<br/>           weak - Mod perv clay alt'n of mtr fsp clay-chl alt'd min qtz-py stringers<br/>           sent on frags &lt;&lt; clay alt'n &gt;&gt;</p> <p>41.6-45.6<br/>           Weak-mod perv clay alt'n of mtr. fsp saus. Minor qtz-py &amp; late carb on lbs.</p> <p>45.6-47.5<br/>           Mtr weak-mod silic'd fsp saus.</p> | <p>34.4 - 41.6 m ft<br/>           &lt;&lt; 5-10% py &gt;&gt;<br/>           5-10% py - finely dissem &amp; <sup>dissem</sup> envelopes to 4 cm wide around qtz-py frags &amp; stringers</p> <p>41.6-45.6<br/>           2-5% py - finely dissem as stringers &amp; less commonly dissem in alt'n envelopes to stringers.</p> <p>45.6-47.5<br/>           2-5% py - dissem &amp; with qtz in fine stringers</p> <p>41.6-47.5 ft<br/>           &lt;&lt; 2-5% py &gt;&gt;</p> |         |

| FROM TO       | ROCK TYPE         | COLOUR          | GRAIN SIZE | TEXTURE AND STRUCTURE   | ANGLE TO CORE AXIS | ALTERATION  | SULPHIDES   | REMARKS |
|---------------|-------------------|-----------------|------------|---|--------------------|---|---|---------|
| 47.5 - 49.6 m | Serpentine        | Grey            | fine       | <p>47.5 - 49.55<br/>Grey fine w mod developed foliation<br/>Massive, v. siliceous<br/>Non mag. prop lens of serp (because of foliation) in intrusion</p> <p>49.55 - 49.60 Orange<br/>qtz in, massive @ 50°<br/>49.6 contact @ 50°</p>   |                    | <p>47.5 - 49.55<br/>v. str perv<br/>silic'n &amp; grey qtz<br/>along foliation<br/>Min late grey qtz-py<br/>units (x cutting)<br/>« silic'n »</p>   | <p>47.5 - 49.55<br/>Min py in units</p> <p>49.55 - 49.60<br/>Min py</p>   |         |
| 49.6 - 60.1   | Qtz-Fsp<br>Porphy | Pale green-grey | Med        | <p>49.6 - 54.5 m pale grey-green, massive, w 2-5% qtz eyes, 2mm, 15%<br/>fsp avg 2mm (saus). V. minor v. narrow gouge bands gradational into coarser grained interval below</p> <p>54.5 - 57.5 m Coarse grained interval of QFP w 30-40% fsp, avg 3mm (saus)</p> <p>57.5 - 60.1 m Med grey-green QFP w minor qtz eyes, 30% fsp avg 1-2mm (green, clay-chl alt'd) - fsp show weak alignment.</p> <p>60.1 sharp contact @ 80° w serp.</p> |                    | <p>« clay alt'n »</p> <p>49.6 - 54.5<br/>Weak clay alt'n of mtrx. Fsp saus<br/>Min late qtz-carb units</p> <p>54.5 - 57.5<br/>Mod clay alt'n of mtrx. Fsp saus.</p> <p>57.5 - 60.1<br/>Mod rusty frags - envelopes to 40cm.<br/>Perv clay alt'n of mtrx. Clay-chl alt'd fsp<br/>Mod late carb units</p> | <p>« 2-5% py »</p> <p>49.6 - 54.5<br/>diss py &amp; narrow grey py rich envelopes around qtz strings.</p> <p>54.5 - 57.5<br/>2-5% fine diss py &amp; units</p> <p>57.5 - 60.1<br/>2-5% fine diss py &amp; units</p> |         |



| FROM TO     | ROCK TYPE    | COLOUR | GRAIN SIZE | TEXTURE AND STRUCTURE  | ANGLE TO CORE AXIS | ALTERATION   | SULPHIDES   | REMARKS                          |
|-------------|--------------|--------|------------|--|--------------------|--|---|----------------------------------|
| 60.1 - 79.8 | «Serpentine» |        |            | <p>60.1 - 63.2 Grey fry - aphanitic massive - weakly foliated serp. Str silic'd &amp; wt by qtz uns. Mod rusty zones to 30 cm</p> <p>61.8 - 4 cm qtz un <math>\bar{w}</math> 15% marip</p> <p>62.2 - 62.5 30 cm rusty zone to 20% qtz uning &amp; minor marip</p> <p>63.2 - 63.4 Fault zone Rusty clay gouge &amp; alt'd serp</p> <p>63.4 - 65.0 Rusty str foliated serp fol'n @ 70°</p> <p>65.0 - 66.3 Grey str foliated serp fol'n @ 60-70° Weakly magnetic Local rusty patches</p> <p>66.3 - 67.5 Grey, weakly foliated serp - str silic'd <math>\bar{w}</math> 10% marip</p> <p>67.5 - 69.2 Grey str foliated serp <math>\bar{w}</math> local silic'd &amp; bx zones to 40 cm fol'n @ 50° Local rusty zones to 30 cm</p> <p>69.2 - 71.7 Massive - weakly foliated grey serp, mottled texture weak - non magnetic</p> |                    | <p>#60.1-63.2 #</p> <p>-v. str. silic'n to 4 cm</p> <p>- local qtz uning <math>\bar{w}</math> up to 15% mariposite</p> <p>#2 <del>marip</del> % mariposite throughout interval</p> <p>«silic'n, marip»</p> <p>#63.4-65.0 #</p> <p>10-15% qtz as ribbons along fol'n + minor late xtal</p> <p>Minor marip «10-15% qtz»</p> <p>65.0 - 66.3 Weak silic'n, 5% grey qtz as ribbons along fol'n</p> <p>#66.3-67.5 #</p> <p>v str silic'n + late xtaline <del>with calc</del> uning</p> <p>-10% mariposite</p> <p>-mod rusty zones «silic'n, marip»</p> <p>67.5 - 69.2 Locally bx &amp; silic'd + late buggy xtaline calcite uns</p> <p>69.2 - 71.7 weak - mod talc all in</p> <p>Min late qtz - carb unts.</p> | <p>#60.1-63.2 #</p> <p>20% diss py</p> <p>«2% py»</p> | <p>#63.2-63.4 # «Fault zone»</p> |

| FROM TO                | ROCK TYPE  | COLOUR    | GRAIN SIZE | TEXTURE AND STRUCTURE   | ANGLE TO CORE AXIS | ALTERATION  | SULPHIDES                         | REMARKS                       |
|------------------------|--|-----------|------------|---|--------------------|---|-----------------------------------|-------------------------------|
| 60.1<br>- 79.8<br>cont | Serp   |           |            | 71.7 - 72.6 Dark green v fine grained massive serp. Sharp upper & lower contact @ 60°<br>72.6 - 79.8 Grey serp as in 69.2 - 71.7  |                    | 72.6 - 79.8 Weak - mod late alt'n Min late qb - carb units. |                                   |                               |
| 79.8 -<br>83.8         | « Fsp<br>porph »   | Green     | Fry        | 79.8 - 80.2 Fault zone @ 45° Buff clay gouge & broken alt'd porphyry<br>80.2 - 83.8 Fry fsp porph - green w 30-40% fsp < 1mm, (saus) in fry mtrx. Local gougy zones Broken lower contact  |                    | 80.2 - 82.4 Fsp saus, perv clay alt'n, chl-sens on frags    | 80.2 - 83.8 Min py - diss & in kb | # 79.8 - 80.2 ft «Fault Zone» |
| 83.8 -<br>110.0        | Tertiary<br>Biotite<br>Monzonite<br>Dyke<br>« TERTIARY<br>DYKE » | Dark Grey | Med        | 83.8 - 87.4 Med grained intrusive w 30% sp up to 4mm, 5% bi, 20% mafics (px) to 3mm in fry mtrx. Non magnetic<br>87.4 sharp contact @ 50° to fry grained intrusive<br>87.4 - 97.7 massive Dark grey, fry, w 5% fine bi & 10% fine fsp in grey mass - Weak alignment of phenos. Mod magnetic |                    | 83.8 - 87.4 fsp alt'd to clay                               |                                   |                               |



| FROM TO                                | ROCK TYPE                                | COLOUR        | GRAIN SIZE | TEXTURE AND STRUCTURE  | ANGLE TO CORE AXIS | ALTERATION  | SULPHIDES   | REMARKS                         |  |
|--|--|---------------|------------|--|--------------------|---|---|---------------------------------|--|
| 83.8 -<br>110.0 m<br>cont...           | Tertiary<br>Breccia<br>Monzonite<br>Dyke |               |            | 97.7 sharp contact @<br>50°<br>97.7-104.1 Coarse grained<br>intrusive son to<br>83.8-87.4<br>50% plag avg 2-3mm,<br>10% Kspar avg 1mm,<br>5% bio, 20% mafics (px)<br>up to 3mm in fgy<br>grey gneiss<br>104.1 sharp contact @ 50°<br>104.1-110.0 fgy massive<br>intrusive as in 87.4-97.7<br>110.0 sharp contact @ 50° |                    |   |   |                                 |  |
| 110.0 -<br><del>111.5 m</del><br>114.0 | Qtz fsp<br>Porph??                       | Pale<br>Green | fine       | 110.0-111.5<br>Rare qtz eyes, 15% fine<br>fsp in fgy green mtrx  |                    | 110-111.5<br>Esp sauss  | 110.0-111.5<br>2% fine diss py<br>& py stringers                |                                 |  |
| 111.5<br><del>114.0</del>              |  |               |            | 111.5-114.0 ft <bx>><br>bleached bx zone - 90%<br>clasts of bleached silic'd &<br>perph in black pyritic<br>mtrx sharp upper contact<br>lower contact gradual - dt assimilation  |                    | 111.5-114.0 ft<br>silic'n & clay alter<br>of clasts<br><silic'n, clay alt>><br>of<br>by <del>microdiorite??</del><br>microdiorite?? | 111.5-114.0 ft<br>5% - 10% fine py<br>in bx mtrx<br><5-10% py>> | 111.5-114.0 ft<br><Fault Zone>> |  |
| 114.0<br>-<br>127.9                    | Microdiorite<br>Green-<br>Brown          |               | fine       | 114.0-122.5<br>Massive fine grained<br>intrusive w 20% fsp<br>to 1mm, 20% mafics<br>(px) to 4mm but gen<br>much less (may be partly<br>resorbed) in fgy mtrx<br>(pale pink fgy - Kspar rich?)  |                    | 114.0-122.5<br>Mod late qtz-carb<br>stringers   |   |                                 |  |

| FROM TO                     | ROCK TYPE               | COLOUR                            | GRAIN SIZE | TEXTURE AND STRUCTURE   | ANGLE TO CORE AXIS | ALTERATION               | SULPHIDES   | REMARKS   |  |
|-----------------------------|-------------------------|-----------------------------------|------------|---|--------------------|--------------------------|---|---|--|
| 114.0<br>-<br>127.9<br>cont | Microdiorite            |                                   |            | <p>122.5 - 123.7<br/>Grey green <del>str. &amp; microdiorite</del> (or cherty) <br/>-gradational upper &amp; lower <br/>contacts. str shearing <br/>xenoliths</p> <p>123.7 - 125.2<br/>Microdior as in 114.0-122.5</p> <p>125.2 - 125.5<br/>Fractured zone w<br/>str zone &amp; clay on<br/>fracs - Fault zone</p> <p>125.5 - 127.9<br/>Microdior as in 114.0 -<br/>122.5 - grad. j<br/>downwards into aphanitic<br/>pale green cherty rx,<br/>similar to 122.5-123.7</p> |                    |                          |   |   | <p>125.2 - 125.5 ft<br/>« Fault Zone »</p> |
| 127.9<br>-<br>138.3         | « Brooklyn<br>Conglom » | <del>Grey</del><br>Grey-<br>Green | Coarse     | <p>Clast supported w<br/>80+ % angular clasts<br/>from sand size up to<br/>± 6 cm, avg ~ .5 cm.<br/>Clasts are 30% white-<br/>grey chert, 50% green<br/>dior + gst (+ cherty gst)<br/>+ minor mudstn, 15% lst<br/>V. <del>fine</del> <del>med</del> med intx</p> <p>% of 1st clast &amp; size<br/>of clasts increases<br/>down hole</p> <p>V weak bedding @ 70-<br/>80° to CA</p>   |                    | Minor late carb<br>vnlts | 1-27. interstitial py<br>throughout<br>+ tr cpy (?) | <p>Triassic<br/><del>Brooklyn</del><br/>Sharpstone Conglom.</p> |  |

Graded to coarser & finer  
grained sections



| FROM TO        | ROCK TYPE   | COLOUR          | GRAIN SIZE | TEXTURE AND STRUCTURE   | ANGLE TO CORE AXIS | ALTERATION  | SULPHIDES  | REMARKS |
|----------------|---|-----------------|------------|---|--------------------|---|--|---------|
| 138.3 - 141.1  | « fsp porph flow »                                      | Green           | Fine       | 40% lath shaped fsp (pale green), show weak alignment @ 30° to CP in fine grey-green matrix. Locally contains clasts & intervals of <sup>conglom</sup> above.   |                    | Min late qtz - carb units (+py)   | 27% fine-diss py & stringers.<br>« 27. py »  |         |
| 141.1 - 142.0  | Tertiary<br>Biotite<br>Mnz<br>Dyke<br>« TERTIARY DYKE » | dark brown-grey | Fine       | Dark grey-brown fine biotite rich dyke. 20% fine bio - in fsp rich matrix. Sharp contacts @ 60-70°.   |                    |   |  |         |
| 142.0 - 154.57 | « Brooklyn Conglom »                                    |                 |            | as in 137.9 - 138.3<br>% of 1st clasts increases down. Rims of 1st are sharpened to reddish garnet - 1-2mm rims on clasts to 6cm.<br><br>142.9 - 143.1 Dark grey-br biotite rich dyke as in 141.1 - 142.0<br><br>151.6 - 152.3<br>Fine green intrusive dyke - looks like finer grained version of fsp porph flow in 138.3 - 141.1. Contains clasts of conglom (xenoliths) |                    | Min late qtz - carb units. Weak epid. throughout.<br><br>145.9 - 148.0 ft<br>str epid alt'n of mtr & qtz clasts, local str horn <del>alt'n</del> flooding<br>« str ep alt'n » | 27% py - diss; mostly in mtr.<br>« 27. py »<br><br>151.6 - 152.3<br>1-27% fine-diss py |         |
| 154.57         | END OF HOLE   |                 |            |   |                    |   |  |         |

2140 5-7 m

ASSAY SHEET

| Sample Number | From ( ) | To ( ) | Estimate |    | Length ( ) | % Cu | % Zn | % Pb | gm: T Ag | gm: T Au | % SiO <sub>2</sub> | % TiO <sub>2</sub> | % Na <sub>2</sub> O | % MgO | % Fe | PPM Cu | PPM Zn | PPM Pb | PPM Ag | PPB Au |  |  |  |  |  |
|---------------|----------|--------|----------|----|------------|------|------|------|----------|----------|--------------------|--------------------|---------------------|-------|------|--------|--------|--------|--------|--------|--|--|--|--|--|
|               |          |        | Cu       | Zn |            |      |      |      |          |          |                    |                    |                     |       |      |        |        |        |        |        |  |  |  |  |  |
| 19956         | 7.9      | 9.4    |          |    | 1.5        |      |      |      |          |          |                    |                    |                     |       |      |        |        |        |        |        |  |  |  |  |  |
| 19957         | 13.1     | 14.6   |          |    | 1.5        |      |      |      |          |          |                    |                    |                     |       |      |        |        |        |        |        |  |  |  |  |  |
| 19958         | 14.6     | 15.9   |          |    | 1.3        |      |      |      |          |          |                    |                    |                     |       |      |        |        |        |        |        |  |  |  |  |  |
| 19961         | 32.4     | 34.4   |          |    | 2.0        |      |      |      |          |          |                    |                    |                     |       |      |        |        |        |        |        |  |  |  |  |  |
| 19962         | 34.4     | 36.0   |          |    | 1.6        |      |      |      |          |          |                    |                    |                     |       |      |        |        |        |        |        |  |  |  |  |  |
| 19963         | 36.0     | 37.5   |          |    | 1.5        |      |      |      |          |          |                    |                    |                     |       |      |        |        |        |        |        |  |  |  |  |  |
| 19964         | 37.5     | 39.0   |          |    | 1.5        |      |      |      |          |          |                    |                    |                     |       |      |        |        |        |        |        |  |  |  |  |  |
| 19965         | 39.0     | 40.5   |          |    | 1.5        |      |      |      |          |          |                    |                    |                     |       |      |        |        |        |        |        |  |  |  |  |  |
| 19966         | 40.5     | 41.6   |          |    | 1.1        |      |      |      |          |          |                    |                    |                     |       |      |        |        |        |        |        |  |  |  |  |  |
| 19967         | 41.6     | 43.0   |          |    | 1.4        |      |      |      |          |          |                    |                    |                     |       |      |        |        |        |        |        |  |  |  |  |  |
| 19968         | 43.0     | 44.5   |          |    | 1.5        |      |      |      |          |          |                    |                    |                     |       |      |        |        |        |        |        |  |  |  |  |  |
| 19969         | 44.5     | 46.0   |          |    | 1.5        |      |      |      |          |          |                    |                    |                     |       |      |        |        |        |        |        |  |  |  |  |  |
| 19970         | 46.0     | 47.5   |          |    | 1.5        |      |      |      |          |          |                    |                    |                     |       |      |        |        |        |        |        |  |  |  |  |  |
| 19971         | 47.5     | 49.6   |          |    | 2.1        |      |      |      |          |          |                    |                    |                     |       |      |        |        |        |        |        |  |  |  |  |  |
| 19972         | 49.6     | 51.0   |          |    | 1.4        |      |      |      |          |          |                    |                    |                     |       |      |        |        |        |        |        |  |  |  |  |  |
| 19974         | 52.5     | 54.0   |          |    | 1.5        |      |      |      |          |          |                    |                    |                     |       |      |        |        |        |        |        |  |  |  |  |  |
| 19975         | 54.0     | 55.5   |          |    | 1.5        |      |      |      |          |          |                    |                    |                     |       |      |        |        |        |        |        |  |  |  |  |  |
| 19976         | 55.5     | 57.0   |          |    | 1.5        |      |      |      |          |          |                    |                    |                     |       |      |        |        |        |        |        |  |  |  |  |  |
| 19977         | 57.0     | 58.5   |          |    | 1.5        |      |      |      |          |          |                    |                    |                     |       |      |        |        |        |        |        |  |  |  |  |  |
| 19978         | 58.5     | 60.1   |          |    | 1.6        |      |      |      |          |          |                    |                    |                     |       |      |        |        |        |        |        |  |  |  |  |  |



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| Sample Number | From ( ) | To ( ) | Estimate |    | Length ( ) | % Cu | % Zn | % Pb | gm. T Ag | gm. T Au | % SiO <sub>2</sub> | % TiO <sub>2</sub> | % Na <sub>2</sub> O | % MgO | % Fe | PPM Cu | PPM Zn | PPM Pb | PPM Ag | PPB Au |  |  |  |  |
|---------------|----------|--------|----------|----|------------|------|------|------|----------|----------|--------------------|--------------------|---------------------|-------|------|--------|--------|--------|--------|--------|--|--|--|--|
|               |          |        | Cu       | Zn |            |      |      |      |          |          |                    |                    |                     |       |      |        |        |        |        |        |  |  |  |  |
| 19979         | 60.1     | 62.2   |          |    | 1.1        |      |      |      |          |          |                    |                    |                     |       |      |        |        |        |        |        |  |  |  |  |
| 19980         | 62.2     | 63.4   |          |    | 1.2        |      |      |      |          |          |                    |                    |                     |       |      |        |        |        |        |        |  |  |  |  |
| 19981         | 63.4     | 65.0   |          |    | 1.6        |      |      |      |          |          |                    |                    |                     |       |      |        |        |        |        |        |  |  |  |  |
| 19982         | 66.3     | 67.5   |          |    | 1.2        |      |      |      |          |          |                    |                    |                     |       |      |        |        |        |        |        |  |  |  |  |
| 19983         | 67.5     | 69.2   |          |    | 1.87       |      |      |      |          |          |                    |                    |                     |       |      |        |        |        |        |        |  |  |  |  |
| 19984         | 79.8     | 81.5   |          |    | 1.7        |      |      |      |          |          |                    |                    |                     |       |      |        |        |        |        |        |  |  |  |  |
| 19988         | 111.5    | 113.0  |          |    | 1.5        |      |      |      |          |          |                    |                    |                     |       |      |        |        |        |        |        |  |  |  |  |
| 19989         | 113.0    | 114.0  |          |    | 1.0        |      |      |      |          |          |                    |                    |                     |       |      |        |        |        |        |        |  |  |  |  |
| 19991         | 126.8    | 127.9  |          |    | 1.1        |      |      |      |          |          |                    |                    |                     |       |      |        |        |        |        |        |  |  |  |  |
| 19992         | 127.9    | 130.0  |          |    | 2.1        |      |      |      |          |          |                    |                    |                     |       |      |        |        |        |        |        |  |  |  |  |
| 19993         | 130      | 132    |          |    | 2          |      |      |      |          |          |                    |                    |                     |       |      |        |        |        |        |        |  |  |  |  |
| 19994         | 132      | 134    |          |    | 2          |      |      |      |          |          |                    |                    |                     |       |      |        |        |        |        |        |  |  |  |  |
| 19996         | 136      | 138.3  |          |    | 2.3        |      |      |      |          |          |                    |                    |                     |       |      |        |        |        |        |        |  |  |  |  |
| 19997         | 142.0    | 144    |          |    | 2          |      |      |      |          |          |                    |                    |                     |       |      |        |        |        |        |        |  |  |  |  |
| 19998         | 144      | 146    |          |    | 2          |      |      |      |          |          |                    |                    |                     |       |      |        |        |        |        |        |  |  |  |  |
| 19999         | 146      | 148    |          |    | 2          |      |      |      |          |          |                    |                    |                     |       |      |        |        |        |        |        |  |  |  |  |
| 20000         | 148      | 150    |          |    | 2          |      |      |      |          |          |                    |                    |                     |       |      |        |        |        |        |        |  |  |  |  |
| 20001         | 150      | 152    |          |    | 2          |      |      |      |          |          |                    |                    |                     |       |      |        |        |        |        |        |  |  |  |  |
| 20002         | 152      | 154.57 |          |    | 2.57       |      |      |      |          |          |                    |                    |                     |       |      |        |        |        |        |        |  |  |  |  |

