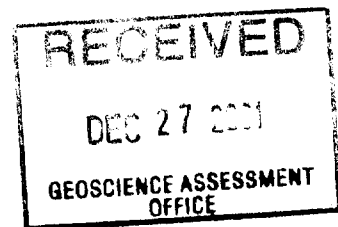


**Report on Diamond Drilling
Falconbridge Limited - Exploration**

Walker Twp., Matheson, Ont.
Larder Lake Mining Division

NTS 42A/10

December 17, 2001



Prepared by:
Dean Rogers



Diamond Drilling Assessment Report Walker Twp., Larder Lake Mining Division

Contents

- 1) FL Rock Code Legend
- 2) Diamond Drill Logs w/ assays and whole rock geochemistry
WA54-01
WA54-02
- 3) 1:2,000 DDH Plan Map - Back Pocket I
- 4) 1:1,000 DDH Sections - Back Pocket II

TIMMINS EXPLORATION - AMENDED ROCK LEGEND - v7.0

1. MAIN ROCK DIVISIONS

- 15 To be Announced
- 14 Huronian Supergroup
- 13 Metamorphic (Unknown)
- 12 Gneiss
- 11 Schist
- 10 Diabase
- 9 Felsic Intrusive
- 8 Intermediate Intr. Rocks
- 7 Mafic Intrusive Rocks
- 6 Ultramafic Intr. Rocks
- 5 Sedimentary Rocks
- 5,s Sulphide (>40%)
- 4 Felsic Volcanic Rocks
- 3 Intermediate Volcanic Rocks
- 3,C Heterolithic Volcanic Rocks
- 2 Mafic Volcanic rocks
- 1 Ultramafic Volcanic Rocks

2. TEXTURAL/GEOCHEMICAL MODIFIERS

- | | | | |
|----|------------------------|---|-----------------------|
| a | Fine Grained | A | Primitive (Y<20) |
| b | Medium Grained | B | Evolved (Y>20<60) |
| bx | Breccia | | |
| c | Coarse Grained | C | Heterolithic |
| d | Quartz-Feldspar Phyric | D | Feldspar Phyric |
| e | Amygdaloidal/Vesicular | E | Chert |
| f | Primary Fragmentals | F | Wacke |
| g | Graphitic/Argillaceous | G | Leucoxene Bearing |
| h | Tholeiitic | H | Basaltic Komatiite |
| i | Alkalic | | |
| j | Calc-Alkalic | J | Pyroxenite |
| k | Komatiitic | K | Net Textured |
| l | Flows (banded) | L | Peridotite |
| m | Massive | M | Dunite |
| n | Variolitic/Spherulitic | N | Ophitic |
| p | Pillowed | P | Porphyritic |
| q | Quartz Phyric | Q | |
| r | Oxide Iron Formation | R | Polysutured |
| s | Sulphides, Exhalites | S | Fractured |
| t | Pyroclastic | T | Gabbroic Textured |
| u | High Mg | U | Pyroxene Spinifex |
| v | High Fe | V | Olivine Spinifex |
| w | High Al | W | Skeletal/Crescumulate |
| x | Andesite | X | Adcumulate |
| y | Icelandite | Y | Mesocumulate |
| z | Highly Evolved (Y>60) | Z | Orthocumulate |

ROCK NAMES MUST HAVE ALL MODIFIERS COMMA DELIMITED AND CAN BE NO LONGER THAN 15 CHARACTERS, COMMAS INCLUDED. Example: 3,*y,d,<DAC>,*t

3. ALTERATION MODIFIERS

- Ab Albitization
- Bl Bleached
- C> Carbonaceous
- Cb Carbonatization
- Ch Chloritization
- Ep Epidotization
- F> Iron Carbonatization
- He Hematization
- K> Potassic Alteration
- Ka Kaolinitization
- Rs Rust Stained
- Se Sericitization
- Si Silicification
- Sr Serpentinization
- Tc Talc-Carbonatization
- Tk Talc

4. Textural/Structural MODIFIERS

- | | | | |
|-----|---------------------------|----|------------------------------|
| *a | Tuff (67% <2mm) | *n | Graded Bedding |
| *b | Lapilli Tuff (2-64mm) | *o | Cross bedding |
| *c | Lapillistone (76% <264mm) | *p | Fault Gouge |
| *ct | Cataclastic | *q | Augen |
| *d | Block (>64mm)/Xenolith | *r | Porphyroblastic |
| *e | Autoclastic/Hyaloclastic | *s | Hornfels |
| *f | Thickly Laminated | *t | foliated/sheared |
| *g | Thinly Laminated | *u | folded |
| *h | Clast Supported | *v | boudinage |
| *i | Matrix Supported | *w | fragmental (felsic>mafic) |
| *j | Granule (grit 2-4mm) | *x | fragmental (mafic>felsic) |
| *k | Pebble (4-64mm) | *y | Crystal Tuff (>50% of frags) |
| *l | Cobble (64-256mm) | *z | Lithic Tuff (>50% of frags) |
| *m | Boulder (>256) | | |

ALTERATION CODES

- | | |
|----------|--------------------------|
| FORM | |
| S | Spots |
| F | Fracture/vein controlled |
| P | Pervasive |
| STRENGTH | |
| S | Strong |
| M | Moderate |
| W | Weak |

Example: EpPW = Epidote,Pervasive,Weak

MINERALIZATION CODES

- | | |
|------|--------------------------|
| FORM | |
| D | Disseminated/Blebs |
| F | Fracture/vein controlled |
| M | Massive |
| B | Bedded |
| C | Clasts/Fragments |

Example: CpB3% = Chalcopyrite, Bedded, 3%

PERCENTAGE

Numeric percentage, or percentage range (i.e. 1-3%), must always be specified

5. MINERALOGICAL NAMES

| | | | | | |
|-----|-----------------|-----|-----------------|-------|---------------------|
| Ak | Actinolite | Fc | Fuchsite | Pn | Pentlandite |
| Alb | Albite | Gn | Galena | Py | Pyrite |
| Al | Almandine | Gt | Garnet | Px | Pyroxene |
| Am | Amphibolite | VG | Gold | Po | Pyrrhotite |
| Ah | Anhydrite | Gf | Graphite | Qt | Quartz |
| Ad | Andalusite | GS | Gravel & sand | Ro | Rhodochrosite |
| Ay | Anthophyllite | Gyp | Gypsum | Ru | Rutile |
| Ap | Apatite | Hem | Hematite | Sur | Serpentine |
| Ar | Argentite | Hb | Hornblende | Sc | Sericite |
| Asp | Arsenopyrite | Hy | Hypersthene | Sh | Scheelite |
| Asb | Asbestos | Il | Ilmenite | Sid | Siderite |
| Aug | Augite | I-F | Iron Formation | Sil | Silica |
| Az | Azurite | Jr | Jarosite | Sim | Silliminite |
| Ba | Barite | Ky | Kyanite | Sps | Spessartite |
| bi | Bismuthite | Ls | Limestone | Sph | Sphalerite |
| Bl | Blotite | Lm | Limonite | Ti | Sphene (Titanite) |
| Bo | Bornite | Mag | Magnetite | Ag | Silver |
| Ca | Calcite | Mc | Malachite | Sp | Spinel |
| Cn | Chaicedony | Ma | Marcasite | Spd | Spodumene |
| Cc | Chalcocite | Mi | Mica | St | Staurolite |
| Cp | Chalcopyrite | Mk | Microcline | Sb | Stibnite |
| Chl | Chlorite | Mi | Millerite | Sul | Sulphides |
| Ch> | Chloritoid | Mo | Molybdenite | S-M | Mass.Sulphides |
| Cr | Chromite | Mu | Muscovite | S-D | Diss.Sulphides |
| Cpx | Clinopyroxene | Ne | Nepheline | Tk | Talc |
| Co | Cobalt Minerals | Nc | Niccolite | Te | Telluride |
| Cv | Covellite | Ni | Nickel minerals | Tt | Tetrahdrite |
| Ct | Cordierite | Ov | Olivine | Ta-CI | Tantalite-Columbite |
| Dp | Diopside | Or | Orthoclase | Tl | Tourmaline |
| Dol | Dolomite | Opx | Orthopyroxene | Tr | Tremolite |
| Epi | Epidote | Pl | Phlogopite | Wo | Wollastonite |
| Fel | Feldspar | Pg | Plagioclase | Zr | Zircon |
| Fl | Fluorite | | | | |

6. ROCK TYPE / PROTOLITH

| | | | | | |
|-------|----------------------|-------|--------------------|-------|--------------------------|
| <QFG> | Quartzofeldspathic | <PER> | Peridotite | <CHM> | Chem. Precip. |
| <QTZ> | Quartzite | <SER> | Serpentinite | <SLA> | Slate |
| <MAR> | Marble | <DUN> | Dunite | <KIM> | Kimberlite |
| <SKA> | Skarn(Calc-Silicate) | <PRX> | Pyroxenite | <CAR> | Carbonatite |
| <PHY> | Phyllite | <LMP> | Lamprophyre | <AMP> | Amphibolite |
| <TON> | Tonalite | <SST> | Sandstone | <MIG> | Migmatite |
| <SYN> | Syenite | <ARK> | Arkosic sandstone | <PEG> | Pegmatite |
| <GRA> | Granite | <WCK> | Graywacke | <LEU> | Leucocratic |
| <MON> | Monzonite | <CGL> | Conglomerate | <MEL> | Melanocratic |
| <GRD> | Granodiorite | <SLT> | Siltstone | <UNK> | Unknown Protolith |
| <APL> | Aplite | <ARG> | Mudstone-argillite | <UMF> | Ultramafic |
| <FEL> | Felsite | <EXH> | Chert/exhalite | <MAF> | Mafic |
| <QDI> | Quartz Diorite | <QIF> | Silicate IF | <AND> | Andesite |
| <GAB> | Gabbro | <OIF> | Oxide IF | <DAC> | Dacite |
| <NOR> | Norite | <SIF> | Sulphide IF | <RYD> | Rhyodacite |
| <ANT> | Anorthosite | <CIF> | Carbonate IF | <RHY> | Rhyolite |
| <DIO> | Diorite | <SHA> | Shale | <SCL> | Sulphide Clasts |
| | | <LST> | Limestone | <RWV> | Reworked Volcanic Debris |

| FROM TO | ROCK TYPE | TEXTURE AND STRUCTURE | ANGLE TO CA | ALTERATION | MINERALIZATION | REMARKS |
|------------------------|--------------|--|----------------|--|--|---------|
| 0.00 TO 51.00 | < ob > | -predominantly boulders & sand -broke casing near bedrock, reset -casing left in hole | | | | |
| 51.00 TO 87.90 | <2,p,n> | Variolitic, pillowed Mafic Volcanic -med. to dark green and gray -locally sheared along pillow selvages but weak fol'n overall -upper portion of unit to approximately 70m shows strong pillow development with hyaloclastitic selvages -3-7% buff white varioles concentrated around pillow margins are 1-3mm in diameter and often coalesced into large masses throughout unit -locally amygdular with large 1cm calcite filled, irregular amygdules -below 70m pillow structures decrease in abundance and become more discreet -unit remains variolitic over discreet 10-15cm intervals along pillow margins -vague mottled textures locally | | -strong fracture controlled calcite +/- quartz veining -weakly chloritic selvages | -tr. diss. to fracture controlled Py | |
| 87.90 TO 138.20 | <2,a,m,E> | Fine-grained, Amygdular Massive Mafic Volcanic -dark green to gray -weakly fol'd overall -relatively featureless except for cross-cutting calcite veining -extremely fine-grained, aphanitic unit -weak mottled texture locally as seen in overlying unit -rare in-situ bx'd textures sporadically throughout -lowermost 10m of unit, below approximately 127m unit becomes slightly more in-situ bx'd and contains calcite filled amygdules up to 1cm in diameter -downhole tops? | | -minor calcite veining but unit is not pervasively carbonate altered as overlying unit -rare 'gash' chlorite fracture | -tr. Py -2mm Po seam within calcite vein at 89.5m contains tr. exsolved Cpy | |
| 138.20 TO 174.30 | <2,p> | Pillowed Mafic Volcanic -med. green to more buff/tan towards lower portion of unit | | -mod. to strong pervasive carbonate alteration with associated calcite/quartz veining -chloritic pillow selvages | -tr-2% diss. Py within selvages | |

| FROM TO | ROCK TYPE | TEXTURE AND STRUCTURE | ANGLE TO CA | ALTERATION | MINERALIZATION | REMARKS |
|------------------|-----------|---|-------------|---|--|---------|
| | | <p>-weakly to mod. fol'd at 40-45deg. TCA</p> <p>-somewhat arbitrary contact placed at first appearance of identifiable pillow selvage</p> <p>-fine-grained, aphanitic unit overall with <1% 1-2mm calcite amygdules</p> <p>-pillow selvage structures are well defined and are from 1-2cm in width displaying fine, chloritic hyaloclastite interiors</p> <p>-below 160m unit becomes buff/tan in colour possibly due to carbonate alteration</p> <p>-</p> <p>-short interflow breccia/fragmental interval between 171.3-171.6m consists of subangular mafic clasts <1cm in diameter set in an argillaceous/tuffaceous matrix</p> | | | | |
| 174.30 TO 185.50 | <2, bx> | <p>Mafic Breccia</p> <p>-pale brown/buff</p> <p>-weakly fol'd but strongly bx'd</p> <p>-distinctive unit due to angular fragmental/breccia textures high-lighted by dark black argillaceous matrix matrix</p> <p>-mafic fragments >1m in diameter with more finely brecciated/hyaloclastitic? material along margins</p> <p>-larger 'clasts' often show interval brecciation</p> <p>-clasts are set in a coarse-grained groundmass consisting of brecciated mafic material and argillaceous, sedimentary infill material</p> <p>-argillaceous component is weakly conductive but very dark black in appearance</p> <p>-weakly developed variolitic textures visible with and along margins of some breccia fragments</p> | | -weak pervasive and fracture controlled carbonate | -tr. diss. Py, usually associated with calcite fractures | |
| 185.50 TO 196.60 | <3, t> | <p>Felsic to Intermediate Tuffaceous</p> <p>-dark gray to black</p> <p>-weakly fol'd at 50deg. TCA</p> <p>-grainy textured tuffaceous/sedimentary unit consisting predominantly ash-sized mafic material</p> | | -weakly carbonate altered | -nil | |

| FROM TO | ROCK TYPE | TEXTURE AND STRUCTURE | ANGLE TO CA | ALTERATION | MINERALIZATION | REMARKS |
|------------------|-----------|---|-------------|---|---------------------|---------|
| 196.60 TO 196.80 | <5,g,FZ> | but with 2-3% 1-2mm felsic lapilli? -vague outlines of some larger 10-20cm mafic clasts but these may be due to patchy/irregular alteration -short interval, essentially a fault zone but strongly graphitic/conductive -likely a fault along an interflow sediment -strong qtz/carb veining leading into unit within overlying unit -source of weak HLEM conductor | | -strongly carbonate altered | -nil | |
| 196.80 TO 221.30 | <2,bx> | Mafic Volcanic Breccia -pale brown to buff/tan -weakly foliated -similar to breccia uphole between 174-185m however with slightly less distinct fragment outlines -breccia defined by irregular zones of hyaloclastite and dull gray calcite/qtz veining -minor argillaceous material infilling breccia interstices -internally mafic fragments are fine-grained, aphanatic | | -mod. fracture controlled calcite/ quartz veining -weak to moderate wispy, anastomosing yellow sericite bands | -nil | |
| 221.30 TO 258.00 | <2,m,bx> | Massive, In-situ Brecciated Mafic Volcanic -pale greenish brown to buff -mod to strong fol'n is highlighted by low core-axis angles in core -largely arbitrary uphole contact based on end of distinct brecciated textures and start of 'ropey', flow-textured brecciation -core axis angles become very poor abruptly which may account for change in appearance of breccia textures -CA angles typically <15-20deg. -unit becomes grainy textured with 'ropey' appearance, possibly flow-induced breccia textures -very weak/vague 'fragmental' textures locally however this is also likely due low CA angles | | -weak fracture controlled calcite -mod. to strong wispy sericite bands as in overlying unit | -nil., tr. diss. Py | |

HOLE NUMBER: WA54-01

DRILL HOLE RECORD

DATE: 12/17/2001

| FROM TO | ROCK TYPE | TEXTURE AND STRUCTURE | ANGLE TO CA | ALTERATION | MINERALIZATION | REMARKS |
|------------------------|--------------|-----------------------|----------------|------------|----------------|---------|
| 258.00 TO 258.00 | <E.O.H.> | End Of Hole | | | | |

HOLE NUMBER: WA54-01

DRILL HOLE RECORD

LOGGED BY: Dean Rogers

PAGE: 5

HOLE NUMBER : WA54-01

GEOCHEMICAL ASSAY

DATE: 17/12/2001

| Sample | From (M) | To (M) | Leng. (M) | SiO2 % | Al2O3 % | CaO % | MgO % | Na2O % | K2O % | Fe2O3 % | TiO2 % | P2O5 % | MnO % | LOI % | SUM % | Y PPM | Zr PPM | Cu PPM | Zn PPM | Ni PPM | CR PPM | FIELD NAME | CHEM ID | ALUM |
|---------|----------|--------|-----------|--------|---------|--------|--------|--------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------------|---------|------|
| AV01674 | 63.00 | 66.00 | 3.00 | 48.860 | 14.570 | 6.5200 | 5.3900 | 4.4100 | 0.0250 | 13.660 | 1.1500 | 0.1400 | 0.1700 | 3.7600 | 98.680 | 18.000 | 67.000 | 85.000 | 96.000 | 100.00 | 167.00 | | | |
| AV01675 | 93.00 | 96.00 | 3.00 | 50.870 | 14.510 | 7.2100 | 5.6700 | 4.2500 | 0.0250 | 12.860 | 1.1000 | 0.1400 | 0.1800 | 2.9400 | 99.770 | 17.000 | 69.000 | 84.000 | 78.000 | 69.000 | 157.00 | | | |
| AV01676 | 150.00 | 153.00 | 3.00 | 49.360 | 13.430 | 9.3500 | 3.4900 | 4.0500 | 0.0250 | 10.080 | 1.0200 | 0.1100 | 0.2300 | 8.4600 | 99.610 | 15.000 | 60.000 | 76.000 | 87.000 | 73.000 | 160.00 | | | |
| AV01677 | 177.00 | 180.00 | 3.00 | 38.720 | 12.190 | 10.520 | 4.2800 | 1.8700 | 0.7300 | 11.490 | 0.9500 | 0.1100 | 0.1700 | 19.130 | 100.22 | 16.000 | 47.000 | 100.00 | 106.00 | 117.00 | 190.00 | | | |
| AV01678 | 187.00 | 190.00 | 3.00 | 64.160 | 14.460 | 4.1400 | 1.3100 | 2.0800 | 1.0200 | 3.1300 | 0.3300 | 0.1000 | 0.0400 | 7.9300 | 98.740 | 5.0000 | 113.00 | 9.0000 | 23.000 | 13.000 | 82.000 | | | |
| AV01679 | 207.00 | 210.00 | 3.00 | 39.490 | 13.060 | 10.430 | 4.3300 | 2.0100 | 0.5900 | 9.3800 | 0.6800 | 0.0800 | 0.1900 | 18.590 | 98.890 | 13.000 | 34.000 | 101.00 | 55.000 | 117.00 | 334.00 | | | |
| AV01680 | 246.00 | 249.00 | 3.00 | 51.840 | 12.530 | 3.8700 | 2.3900 | 1.8400 | 0.6600 | 12.400 | 1.6500 | 0.1600 | 0.1800 | 12.560 | 100.12 | 29.000 | 102.00 | 128.00 | 74.000 | 60.000 | 77.000 | | | |

HOLE NUMBER: WA54-01

GEOCHEMICAL ASSAY

PAGE: 6

HOLE NUMBER : WA54-01

GEOCHEMICAL ASSAYS

DATE: 17/12/2001

| Sample | From (M) | To (M) | Leng. (M) | CO PPM | S % | V PPM |
|---------|-------------|-----------|--------------|-----------|--------|----------|
| AV01674 | 63.00 | 66.00 | 3.00 | 41.000 | 0.1200 | 99.000 |
| AV01675 | 93.00 | 96.00 | 3.00 | 36.000 | 0.0900 | 88.000 |
| AV01676 | 150.00 | 153.00 | 3.00 | 41.000 | 0.0500 | 151.00 |
| AV01677 | 177.00 | 180.00 | 3.00 | 46.000 | 0.1500 | 47.000 |
| AV01678 | 187.00 | 190.00 | 3.00 | 7.0000 | 0.0200 | 5.0000 |
| AV01679 | 207.00 | 210.00 | 3.00 | 41.000 | 0.0900 | 60.000 |
| AV01680 | 246.00 | 249.00 | 3.00 | 53.000 | 0.1300 | 76.000 |

HOLE NUMBER: WA54-01

GEOCHEMICAL ASSAYS

PAGE: 7

HOLE NUMBER : WA54-01

GEOCHEMICAL ASSAYS

DATE: 17/12/2001

| Sample | From (M) | To (M) | Leng. (M) | BE PPM | SC PPM | MGO# | CA/AL | NI/MGO | ISHIKW | ZN/NA2 |
|---------|-------------|-----------|--------------|-----------|-----------|------|-------|--------|--------|--------|
| AV01674 | 63.00 | 66.00 | 3.00 | | 2.5000 | | | | | |
| AV01675 | 93.00 | 96.00 | 3.00 | | 2.5000 | | | | | |
| AV01676 | 150.00 | 153.00 | 3.00 | | 14.0000 | | | | | |
| AV01677 | 177.00 | 180.00 | 3.00 | | 14.0000 | | | | | |
| AV01678 | 187.00 | 190.00 | 3.00 | | 2.5000 | | | | | |
| AV01679 | 207.00 | 210.00 | 3.00 | | 16.0000 | | | | | |
| AV01680 | 246.00 | 249.00 | 3.00 | | 15.0000 | | | | | |

HOLE NUMBER: WA54-01

GEOCHEMICAL ASSAYS

PAGE: 8

HOLE NUMBER : WA54-01

GEOCHEMICAL ASSAYS

DATE: 17/12/2001

| Sample | From (M) | To (M) | Lang. (M) | NB PPM |
|---------|-------------|-----------|--------------|-----------|
| AV01674 | 63.00 | 66.00 | 3.00 | 6.0000 |
| AV01675 | 93.00 | 96.00 | 3.00 | 5.0000 |
| AV01676 | 150.00 | 153.00 | 3.00 | 4.0000 |
| AV01677 | 177.00 | 180.00 | 3.00 | 0.5000 |
| AV01678 | 187.00 | 190.00 | 3.00 | 0.5000 |
| AV01679 | 207.00 | 210.00 | 3.00 | 0.5000 |
| AV01680 | 246.00 | 249.00 | 3.00 | 3.0000 |

HOLE NUMBER : WA54-01

GEOCHEMICAL ASSAYS

PAGE: 9

| FROM TO | ROCK TYPE | TEXTURE AND STRUCTURE | ANGLE TO CA | ALTERATION | MINERALIZATION | REMARKS |
|-----------------------|--------------------|--|----------------|--|---|---------|
| 0.00 TO 45.00 | < ob > | -predominantly boulders & sand -casing left in hole | | | | |
| 45.00 TO 85.40 | <+4,qp,lt,se g> | Sericitic Rhyolite Lapilli-tuffs -pale to mod. yellowish green -mod. to strong fol'n at 40-50deg. TCA with resulting poor RQD values -strongly altered felsic lapilli-tuff but with strong fol'n and stretching of lapilli -fragments flattened to <1cm diameter but impossible to determine long dimension -weakly qtz-phyric (<0.5%) with <1mm subequant qtz phenocrysts -largely clast supported with granular, sericitic matrix comprising <5% of unit -2-3cm non-conductive argillite clast at 72.1m -feldspar rich matrix towards lower 10m of unit | | -strong qtz-sericite alteration throughout unit -sericite alteration is both pervasive and fracture controlled while silicification is predominantly fracture controlled -minor black chlorite/graphite? veinlets with anastomosing form -pale purple hematite staining below 75m to end of unit -rare 1mm bright green fuchsite clots within lower hematized portion of unit | -nil, tr. Py speck locally throughout unit | |
| 85.40 TO 114.70 | <3C,lt,t> | Alternating Mixed Mafic Tuffs and Felsic Lapilli-tuffs -variable from yellow to dark purple due to alteration -mod to strong fol'n at 30-50deg. to CA -largely gradational uphole contact with appearance of mafic interflow units -similar to overlying unit but with appearance of mafic? interflow units of feldspar-rich crystal tuffs -felsic portions are mod. qtz-porphyritic with 1-2% flattened qtz phenocrysts -mafic portions are feldspar rich with 5-7% subequant feldspar phenocrysts/clasts? -distinctive unit due to well-banded textures and purplish colour -felsic dominated portion between 101-107m -minor graphitic component to mafic interflows but not conductive -overall unit is still predominantly felsic in | | -unit dominated by pervasive hematite staining throughout unit within both felsic and mafic portions -felsic portions retain strong qtz-sericite alteration as in overlying unit -hematite staining occurs within both mafic and felsic portions however most noticeable within mafic tuffs -yellowy-orange sericite locally within felsic interbeds | -tr. diss. Py specks <0.5mm in diameter | |

| FROM TO | ROCK TYPE | TEXTURE AND STRUCTURE | ANGLE TO CA | ALTERATION | MINERALIZATION | REMARKS |
|------------------|-----------|---|-------------|--|---|---------|
| 114.70 TO 131.70 | *4,lt,fx* | composition -difficult to determine tops but some interflow tuffs suggest tops uphole due to contact and grading relationships -Tectonized Felsic Lapilli-tuffs -gratational uphole contact with decrease in mafic interflow tuffs -brownish to greenish brown -strongly fol'n but strongly convoluted -numerous small-scale fold structures visible -felsic lapilli-tuffs identical to those at start of hole but with strong tectonized fabric defined by sericite-qtz alteration/veining and displaying numerous small-scale fold structures -felsic lapilli strongly flattened/stretched to <1cm diameter, long dimension unknown -weakly qtz-phyric (<1%?) but masked by strong qtz veining/alteration -very minor mafic interflow sediments/tuffs as in overlying unit -graphitic (but only very weakly conductive) interflow between 119.0-119.2m | | -strong pervasive and fracture controlled qtz-sericite alteration -sericite varies from brownish to mustardy yellow locally -minor anastomosing chlorite/graphite veinlets -weak pinkish to purple hematite staining towards base of unit -possibly K-spar alteration in more orangey portions -no obvious carbonate alteration | -tr. very fine disseminated Py associated with sericite bands/veins -very bright granular appearance to Py -possible tr. Aspy | |
| 131.70 TO 131.90 | *FAI* | Fault Zone -90% bull qtz vein with 0.5cm gouge seam on out contact -strong folding in overlying unit likely related to fault zone | | -qtz veining | -nil, tr. Py | |
| 131.90 TO 178.00 | *2,t* | Mafic Tuffs -dark gray to purplish gray -mod. to strong fol'n at 60deg. TCA -mafic tuffs similar to those found alternating within felsic lapilli-tuffs from 85-114m -only very weakly feldspar-phyric -strongly banded/bedded, likely more sedimentary than volcaniclastic in origin -<15% interbedded felsic material -fine-grained, clasts/fragments rarely >0.5cm in | | -mod. silicification (qtz-veining) and mod. to strong pervasive hematite alteration/staining | -nil | |

| FROM TO | ROCK TYPE | TEXTURE AND STRUCTURE | ANGLE TO CA | ALTERATION | MINERALIZATION | REMARKS |
|------------------|--------------|---|-------------|--|--|---------|
| 178.00 TO 201.90 | <2,bx,f> | <p>diameter</p> <ul style="list-style-type: none"> -uphole portions (top 5-6m) more of a breccia than a fragmental unit -minor weakly conductive graphitic material within interbeds -grading strongly suggestive of uphole tops <p>-strongly broken core (fault zone?) between 136.5-138.5m</p> <ul style="list-style-type: none"> -brecciated textures towards lower 3-4m of unit <p>-Mafic Volcanic Hyaloclastitic Breccia</p> <ul style="list-style-type: none"> -sharp uphole contact at 60deg. TCA -pale greenish brown, weak fol'n <p>-predominantly in-situ brecciated, hyaloclastitic breccia composed of bleached/sericitic? massive mafic volcanic fragments with occasional accessory felsic clasts</p> <ul style="list-style-type: none"> -bx'd fragments vary from <1cm to >510cm in diameter and are generally angular to subangular in form -larger fragments tend to be more rounded -matrix is composed predominantly of fine-grained feldspar-qtz?, likely devitrified -upper portion of unit, to approx. 189m is more uniform in appearance however lower portion is considerably more chaotic consisting of varying proportions of hyaloclastite, massive mafic volcanic and broken pillow selvages -strongly qtz-phyric felsic clasts (ie. @188m) are pale brown to yellow in colour and are very similar in appearance to mafic material? -<10% felsic material within unit <p>-20cm distinctive graphitic breccia at out-contact, possibly a fault zone?</p> | | <ul style="list-style-type: none"> -pervasive sericite alteration throughout, locally fracture controlled -minor qtz veining with associated anastomosing chlorite/graphite veinlets -rare fuchsite clots -minor hematite staining locally | -nil | |
| 201.90 TO 215.10 | <4,lt,qp,sg> | <p>Felsic Lapilli-tuffs</p> <ul style="list-style-type: none"> -sharp uphole contact at graphitic breccia zone -variable from pale purple to greenish yellow with alteration -mod. fol'n at 50-60deg. TCA | | <ul style="list-style-type: none"> -strong pervasive hematite with weak to mod. qtz-sericite to approximately 211m -below 211m unit becomes strongly sericitic with mod to strong silicification | <ul style="list-style-type: none"> -tr. -1% disseminated Py as brilliant yellow cubes up to 1mm in diameter -tr. steely gray Aspy clots/lathes sporadically throughout | |

| FROM TO | ROCK TYPE | TEXTURE AND STRUCTURE | ANGLE TO CA | ALTERATION | MINERALIZATION | REMARKS |
|------------------|----------------|---|-------------|---|---|---------|
| | | <ul style="list-style-type: none"> -predominantly felsic lapilli-tuff unit but with highly variable appearance due to alteration -flattened rhyolite lapilli up to 1cm in diameter -some portions strongly qtz-phyric with up to 10% qtz-phenocrysts -some phenocrysts possible amygdules -upper half of unit is strongly hematized and contains minor (<10%) feldspar rich mafic tuff interflows -lower portions are more consistently rhyolitic in composition and is strongly sericititic -minor graphite within interflow units -strongly convoluted fold pattern visible within lower half of unit, similar to that between 114-131m but less intense | | <ul style="list-style-type: none"> -pale yellowish brown to mustard yellow sericite -minor chlorite/graphitic veinlets | | |
| 215.10 TO 218.30 | *4,lt,g,<KH X> | <p>Graphitic Rhyolite Lapilli-tuff Exhalite</p> <ul style="list-style-type: none"> -sharp uphole contact with appearance of pyritic graphite interlamination -dark gray to black -mod. to strong fol'n at 45-60deg. TCA -finely interlaminated felsic and graphitic laminae with occasional pyrite bed -graphitic beds are 1-5mm in width -most felsic beds of similar width but some rhyolite dominated portions up to 30cm in width -weak to moderately conductive argillite (likely source of conductor) -v. fine-grained chert? locally interlaminated with more fragmental rhyolitic beds -minor small-scale folding locally | | <ul style="list-style-type: none"> -mod. to strong yellow to orange sericite bands within more felsic-dominated portions -mod. qtz-veining/silicification | <ul style="list-style-type: none"> -3-5% fine brassy Py as 1-2mm laminations/beds within graphitic interlamination | |
| 218.30 TO 226.10 | *4,bx,pq> | <p>Rhyolite Breccia?</p> <ul style="list-style-type: none"> -pale yellowish brown -weakly fol'd -grainy textured, relatively homogenous unit -rather 'mafic-looking' but with 3-5% clotty qtz-phenocrysts -rare fragmental textures but very vague and may be due to alteration/veining -minor interstitial graphitic material | | <ul style="list-style-type: none"> -mottled texture due to patchy silicification? -minor fracture controlled sericite and gray qtz veining | <ul style="list-style-type: none"> -nil, tr. Py clots | |

| FROM TO | ROCK TYPE | TEXTURE AND STRUCTURE | ANGLE TO CA | ALTERATION | MINERALIZATION | REMARKS |
|------------------|-----------------|---|-------------|---|--|---------|
| 226.10 TO 233.50 | <4,lt.g.<RX H>> | Graphitic Rhyolite Lapilli-tuff Exhalite -pale yellow to dark gray -mod. to strong fol'n at 30-45deg. TCA -sharp uphole contact at 35deg. TCA -identical unit to that between 215-218m but with slightly less pyrite -unit is slightly more chaotic/brecciated than that intersected uphole -fairly blocky core, poor recovery - | | -weak to mod. qtz-sericite within felsic portions -predominantly qtz-veining within argillitic interbeds | -tr-2% Py knots and clotty interlamination | |
| 233.50 TO 255.00 | <4,m,bx> | Massive In-Situ Rhyolite Breccia -sharp but broken (faulted?) uphole contact -pale yellow to dark gray -weakly fol'd -in-situ rhyolite breccia, weakly hyaloclastitic but mostly flow breccia -weak to well developed flow-banding at 40deg. TCA is orthogonal to fol'n -v. rare qtz phenocrysts -minor interstitial lapilli-tuff material between rhyolite blocks locally - | | -weak to mod. silicification throughout (pervasive and veining) -upper portions of unit, to approximately 249m are mod. to strongly sericitized and pale green in appearance -from 249 to EOH, sericitization disappears and unit becomes relatively unaltered apart from weak pervasive silicification within weakly graphitic breccia | -nil | |
| 255.00 TO 255.00 | <E.O.H.> | End Of Hole @ 255m | | | | |

HOLE NUMBER : WA54-02

ASSAYS SHEET

DATE: 17/12/2001

| Sample | From (M) | To (M) | Leg. (M) | Cu ppm | Zn ppm | Pb ppm | Ni ppm | Au ppb | Ag ppm | Cu/Zn | Co ppm | Pt ppb | Pd ppb | S % | Se ppm | As ppm | Hg ppb | Sb ppm | Est.Ni % | Est.Po % | Est.Py % | Est.Cp % | Est.Sp % | Est.Gn % | ROCK TYPE | Comments | |
|---------|----------|--------|----------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|-----|--------|--------|--------|--------|----------|----------|----------|----------|----------|----------|-----------|----------|--|
| AV01701 | 114.70 | 115.50 | 0.80 | 24 | 78 | 1 | 42 | <2 | 0.1 | | | | | | | | | | | | | | | | | | |
| AV01702 | 115.50 | 117.00 | 1.50 | 40 | 75 | 1 | 39 | 14 | 0.1 | | | | | | | | | | | | | | | | | | |
| AV01703 | 117.00 | 118.50 | 1.50 | 37 | 69 | 1 | 40 | 2 | 0.1 | | | | | | | | | | | | | | | | | | |
| AV01704 | 118.50 | 120.00 | 1.50 | 48 | 57 | 1 | 36 | 5 | 0.1 | | | | | | | | | | | | | | | | | | |
| AV01705 | 120.00 | 121.50 | 1.50 | 13 | 53 | 1 | 34 | <2 | 0.1 | | | | | | | | | | | | | | | | | | |
| AV01706 | 121.50 | 123.00 | 1.50 | 24 | 54 | 1 | 32 | 2 | 0.1 | | | | | | | | | | | | | | | | | | |
| AV01707 | 123.00 | 124.50 | 1.50 | 8 | 55 | 1 | 36 | 3 | 0.1 | | | | | | | | | | | | | | | | | | |
| AV01708 | 124.50 | 126.00 | 1.50 | 42 | 65 | 1 | 37 | <2 | 0.1 | | | | | | | | | | | | | | | | | | |
| AV01709 | 126.00 | 127.50 | 1.50 | 24 | 46 | 1 | 24 | <2 | 0.1 | | | | | | | | | | | | | | | | | | |
| AV01710 | 127.50 | 129.00 | 1.50 | 11 | 46 | 1 | 25 | <2 | 0.1 | | | | | | | | | | | | | | | | | | |
| AV01711 | 201.90 | 203.00 | 1.10 | 53 | 50 | 1 | 43 | <2 | 0.1 | | | | | | | | | | | | | | | | | | |
| AV01716 | 215.10 | 216.00 | 0.90 | 59 | 57 | 3 | 84 | <2 | 0.1 | | | | | | | | | | | | | | | | | | |
| AV01717 | 216.00 | 217.50 | 1.50 | 21 | 53 | 1 | 41 | 10 | 0.1 | | | | | | | | | | | | | | | | | | |
| AV01718 | 217.50 | 218.30 | 0.80 | 21 | 58 | 1 | 34 | 7 | 0.1 | | | | | | | | | | | | | | | | | | |
| AV01712 | 227.50 | 229.00 | 1.50 | 21 | 28 | 1 | 36 | <2 | 0.1 | | | | | | | | | | | | | | | | | | |
| AV01713 | 229.00 | 230.50 | 1.50 | 20 | 17 | 1 | 38 | <2 | 0.1 | | | | | | | | | | | | | | | | | | |
| AV01714 | 230.50 | 231.70 | 1.20 | 24 | 19 | 1 | 25 | <2 | 0.1 | | | | | | | | | | | | | | | | | | |
| AV01715 | 231.70 | 233.50 | 1.80 | 22 | 23 | 1 | 41 | <2 | 0.1 | | | | | | | | | | | | | | | | | | |

HOLE NUMBER: WA54-02

ASSAYS SHEET

PAGE: 7

SOLE NUMBER : WA54-02

GEOCHEMICAL ASSAY

DATE: 17/12/2001

| Sample | From (M) | To (M) | Lang. (M) | SiO2 % | Al2O3 % | CaO % | MgO % | Na2O % | K2O % | Fe2O3 % | TiO2 % | P2O5 % | MnO % | LOI % | SUM % | Y PPM | ZR PPM | CU PPM | ZN PPM | NI PPM | CR PPM | FIELD NAME | CHEM ID | ALUM |
|---------|----------|--------|-----------|--------|---------|--------|--------|--------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------------|---------|------|
| AV01651 | 48.00 | 51.00 | 3.00 | 48.710 | 13.050 | 9.0100 | 3.6300 | 2.3500 | 1.8500 | 6.3900 | 0.4900 | 0.2300 | 0.1200 | 14.550 | 100.53 | 10.000 | 119.00 | 13.000 | 80.000 | 34.000 | 77.000 | | | |
| AV01652 | 69.00 | 72.00 | 3.00 | 49.120 | 12.030 | 8.8200 | 3.7000 | 2.5800 | 1.4900 | 7.3000 | 0.4600 | 0.2300 | 0.1200 | 14.640 | 100.61 | 11.000 | 106.00 | 22.000 | 92.000 | 52.000 | 118.00 | | | |
| AV01653 | 78.00 | 81.00 | 3.00 | 59.430 | 12.480 | 5.8300 | 2.3900 | 1.9200 | 1.8700 | 5.1000 | 0.5200 | 0.1800 | 0.0800 | 10.230 | 100.11 | 9.0000 | 100.00 | 5.0000 | 62.000 | 44.000 | 116.00 | | | |
| AV01654 | 96.00 | 99.00 | 3.00 | 57.160 | 14.740 | 5.5200 | 2.7200 | 3.2900 | 1.7700 | 5.9000 | 0.6000 | 0.1700 | 0.0900 | 8.3800 | 100.43 | 10.000 | 124.00 | 25.000 | 69.000 | 50.000 | 112.00 | | | |
| AV01655 | 102.00 | 105.00 | 3.00 | 50.740 | 12.170 | 8.2000 | 3.6000 | 2.7900 | 1.4200 | 6.7600 | 0.4400 | 0.1600 | 0.1400 | 13.730 | 100.24 | 8.0000 | 113.00 | 15.000 | 85.000 | 55.000 | 108.00 | | | |
| AV01656 | 111.00 | 114.00 | 3.00 | 49.520 | 14.120 | 8.3300 | 4.0800 | 3.3800 | 1.6800 | 7.0100 | 0.6100 | 0.3700 | 0.1100 | 11.210 | 100.54 | 15.000 | 124.00 | 37.000 | 108.00 | 39.000 | 140.00 | | | |
| AV01657 | 117.00 | 120.00 | 3.00 | 47.600 | 15.890 | 7.8400 | 3.7700 | 1.8100 | 1.9100 | 6.4500 | 0.7600 | 0.3300 | 0.1100 | 13.630 | 100.24 | 14.000 | 144.00 | 25.000 | 74.000 | 36.000 | 145.00 | | | |
| AV01658 | 127.00 | 130.00 | 3.00 | 58.130 | 13.450 | 6.1900 | 2.3100 | 1.2400 | 2.5600 | 5.1600 | 0.5000 | 0.2400 | 0.0900 | 10.520 | 100.49 | 9.0000 | 112.00 | 8.0000 | 70.000 | 30.000 | 159.00 | | | |
| AV01659 | 156.00 | 159.00 | 3.00 | 54.750 | 14.960 | 7.0900 | 2.9000 | 1.4500 | 2.5900 | 7.0100 | 0.6800 | 0.2400 | 0.1000 | 8.6300 | 100.45 | 11.000 | 124.00 | 21.000 | 71.000 | 36.000 | 61.000 | | | |
| AV01660 | 180.00 | 183.00 | 3.00 | 60.020 | 17.120 | 2.8700 | 1.7000 | 5.5800 | 1.9100 | 4.3100 | 0.5000 | 0.1900 | 0.0600 | 6.4300 | 100.77 | 8.0000 | 144.00 | 21.000 | 58.000 | 36.000 | 128.00 | | | |
| AV01661 | 195.00 | 198.00 | 3.00 | 64.380 | 13.150 | 4.3300 | 1.6900 | 5.5000 | 1.1200 | 3.3300 | 0.3800 | 0.2000 | 0.0600 | 6.4500 | 100.67 | 7.0000 | 112.00 | 6.0000 | 42.000 | 29.000 | 134.00 | | | |
| AV01662 | 207.00 | 210.00 | 3.00 | 55.390 | 14.010 | 7.0500 | 3.0600 | 1.0200 | 3.1100 | 5.9600 | 0.5900 | 0.2800 | 0.1000 | 9.4600 | 100.12 | 12.000 | 123.00 | 6.0000 | 70.000 | 38.000 | 110.00 | | | |
| AV01663 | 210.00 | 213.00 | 3.00 | 65.010 | 14.370 | 3.8000 | 1.2900 | 2.3200 | 2.2600 | 3.8900 | 0.3900 | 0.1800 | 0.0600 | 6.6800 | 100.38 | 5.0000 | 116.00 | 12.000 | 44.000 | 24.000 | 123.00 | | | |
| AV01664 | 219.00 | 222.00 | 3.00 | 63.580 | 14.750 | 4.4500 | 1.9200 | 4.2400 | 1.7200 | 3.9500 | 0.5300 | 0.1100 | 0.0600 | 5.2800 | 100.69 | 8.0000 | 154.00 | 21.000 | 38.000 | 29.000 | 112.00 | | | |
| AV01665 | 234.00 | 237.00 | 3.00 | 62.940 | 12.340 | 5.2500 | 1.4300 | 2.1300 | 2.3900 | 4.4400 | 0.3700 | 0.1500 | 0.1000 | 8.1400 | 99.770 | 12.000 | 119.00 | 9.0000 | 43.000 | 8.0000 | 83.000 | | | |
| AV01666 | 240.00 | 243.00 | 3.00 | 77.430 | 13.210 | 1.0800 | 0.2400 | 2.1600 | 2.6900 | 0.9200 | 0.0600 | 0.0150 | 0.0100 | 2.4000 | 100.29 | 13.000 | 60.000 | 4.0000 | 5.0000 | 4.0000 | 140.00 | | | |
| AV01667 | 252.00 | 255.00 | 3.00 | 68.660 | 15.430 | 2.9200 | 0.9200 | 2.7100 | 2.6900 | 4.6600 | 0.3800 | 0.1400 | 0.0700 | 1.6000 | 100.28 | 19.000 | 174.00 | 7.0000 | 77.000 | 0.5000 | 44.000 | | | |

SOLE NUMBER: WA54-02

GEOCHEMICAL ASSAY

PAGE: 8

SOLE NUMBER : WA54-02

GEOCHEMICAL ASSAYS

DATE: 17/12/2001

| Sample | From (M) | To (M) | Leg. (M) | CO PPM | S % | V PPM |
|---------|-------------|-----------|-------------|-----------|--------|----------|
| AV01651 | 48.00 | 51.00 | 3.00 | 18.000 | 0.0400 | 24.000 |
| AV01652 | 69.00 | 72.00 | 3.00 | 23.000 | 0.0400 | 24.000 |
| AV01653 | 78.00 | 81.00 | 3.00 | 17.000 | 0.0200 | 17.000 |
| AV01654 | 96.00 | 99.00 | 3.00 | 18.000 | 0.0200 | 24.000 |
| AV01655 | 102.00 | 105.00 | 3.00 | 19.000 | 0.0200 | 21.000 |
| AV01656 | 111.00 | 114.00 | 3.00 | 22.000 | 0.0300 | 51.000 |
| AV01657 | 117.00 | 120.00 | 3.00 | 20.000 | 0.2800 | 25.000 |
| AV01658 | 127.00 | 130.00 | 3.00 | 14.000 | 0.0200 | 20.000 |
| AV01659 | 156.00 | 159.00 | 3.00 | 20.000 | 0.0200 | 31.000 |
| AV01660 | 180.00 | 183.00 | 3.00 | 17.000 | 0.0100 | 15.000 |
| AV01661 | 195.00 | 198.00 | 3.00 | 11.000 | 0.1000 | 18.000 |
| AV01662 | 207.00 | 210.00 | 3.00 | 18.000 | 0.0300 | 26.000 |
| AV01663 | 210.00 | 213.00 | 3.00 | 10.000 | 0.6300 | 12.000 |
| AV01664 | 219.00 | 222.00 | 3.00 | 11.000 | 0.0800 | 15.000 |
| AV01665 | 234.00 | 237.00 | 3.00 | 7.0000 | 0.1100 | 8.0000 |
| AV01666 | 240.00 | 243.00 | 3.00 | 1.0000 | 0.2100 | 7.0000 |
| AV01667 | 252.00 | 255.00 | 3.00 | 5.0000 | 0.0200 | 6.0000 |

SOLE NUMBER: WA54-02

GEOCHEMICAL ASSAYS

PAGE: 9

HOLE NUMBER : WA54-02

GEOCHEMICAL ASSAYS

DATE: 17/12/2001

| Sample | From (M) | To (M) | Leng. (M) | BE PPM | SC PPM | MGO# | CA/AL | NI/MGO | ISHIKW | ZN/NA2 |
|---------|-------------|-----------|--------------|-----------|-----------|------|-------|--------|--------|--------|
| AV01651 | 48.00 | 51.00 | 3.00 | | 8.0000 | | | | | |
| AV01652 | 69.00 | 72.00 | 3.00 | | 11.0000 | | | | | |
| AV01653 | 78.00 | 81.00 | 3.00 | | 5.0000 | | | | | |
| AV01654 | 96.00 | 99.00 | 3.00 | | 7.0000 | | | | | |
| AV01655 | 102.00 | 105.00 | 3.00 | | 8.0000 | | | | | |
| AV01656 | 111.00 | 114.00 | 3.00 | | 11.0000 | | | | | |
| AV01657 | 117.00 | 120.00 | 3.00 | | 11.0000 | | | | | |
| AV01658 | 127.00 | 130.00 | 3.00 | | 2.5000 | | | | | |
| AV01659 | 156.00 | 159.00 | 3.00 | | 8.0000 | | | | | |
| AV01660 | 180.00 | 183.00 | 3.00 | | 2.5000 | | | | | |
| AV01661 | 195.00 | 198.00 | 3.00 | | 2.5000 | | | | | |
| AV01662 | 207.00 | 210.00 | 3.00 | | 8.0000 | | | | | |
| AV01663 | 210.00 | 213.00 | 3.00 | | 2.5000 | | | | | |
| AV01664 | 219.00 | 222.00 | 3.00 | | 2.5000 | | | | | |
| AV01665 | 234.00 | 237.00 | 3.00 | | 2.5000 | | | | | |
| AV01666 | 240.00 | 243.00 | 3.00 | | 2.5000 | | | | | |
| AV01667 | 252.00 | 255.00 | 3.00 | | 2.5000 | | | | | |

HOLE NUMBER : WA54-02

GEOCHEMICAL ASSAYS

PAGE: 10

HOLE NUMBER : WA54-02

GEOCHEMICAL ASSAYS

DATE: 17/12/2001

| Sample | From (M) | To (M) | Lang. (M) | NE PPM |
|---------|-------------|-----------|--------------|-----------|
| AV01651 | 48.00 | 51.00 | 3.00 | 0.5000 |
| AV01652 | 69.00 | 72.00 | 3.00 | 0.5000 |
| AV01653 | 78.00 | 81.00 | 3.00 | 0.5000 |
| AV01654 | 96.00 | 99.00 | 3.00 | 0.5000 |
| AV01655 | 102.00 | 105.00 | 3.00 | 0.5000 |
| AV01656 | 111.00 | 114.00 | 3.00 | 3.0000 |
| AV01657 | 117.00 | 120.00 | 3.00 | 1.0000 |
| AV01658 | 127.00 | 130.00 | 3.00 | 2.0000 |
| AV01659 | 156.00 | 159.00 | 3.00 | 2.0000 |
| AV01660 | 180.00 | 183.00 | 3.00 | 0.5000 |
| AV01661 | 195.00 | 198.00 | 3.00 | 0.5000 |
| AV01662 | 207.00 | 210.00 | 3.00 | 0.5000 |
| AV01663 | 210.00 | 213.00 | 3.00 | 0.5000 |
| AV01664 | 219.00 | 222.00 | 3.00 | 0.5000 |
| AV01665 | 234.00 | 237.00 | 3.00 | 0.5000 |
| AV01666 | 240.00 | 243.00 | 3.00 | 0.5000 |
| AV01667 | 252.00 | 255.00 | 3.00 | 0.5000 |

HOLE NUMBER: WA54-02

GEOCHEMICAL ASSAYS

PAGE: 11



CLIENT: FALCON EXPLORATION, KIDD CREEK MINESITE
REPORT: T01-57417.0 (COMPLETE)

PROJECT: 304
DATE RECEIVED: 15-NOV-01 DATE PRINTED: 28-NOV-01 PAGE 1A(1/ 2)

| SAMPLE NUMBER | ELEMENT UNITS | SiO2 PCT | Al2O3 PCT | CaO PCT | MgO PCT | Na2O PCT | K2O PCT | Fe2O3 PCT | TiO2 PCT | P2O5 PCT | MnO PPM | Cr PPM | LOI PCT | Total PCT | Y PPM | Zr PPM | Ba PPM | Sr PPM | Cu PPM | Zn PPM | Ni PPM | Ag PPM | Co PPM | Pb PPM | S PCT | V PPM | As PPM | Sn PPM | Cd PPM | Sb PPM | Bi PPM | Ta PPM | W PPM | Mo PPM | La PPM | Li PPM | Mn PPM | Ga PPM | Sc PPM |
|---------------|---------------|----------|-----------|---------|---------|----------|---------|-----------|----------|----------|---------|--------|---------|-----------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|
| AV 01674 | | 48.86 | 14.57 | 6.52 | 5.39 | 4.41 | <.05 | 13.66 | 1.15 | 0.14 | .17 | 167 | 3.76 | 98.68 | 18 | 67 | 33 | 106 | 85 | 96 | 100 | <.2 | 41 | <2 | .12 | 99 | <5 | <20 | <.2 | <5 | <5 | <10 | <20 | <1 | <1 | 14 | 815 | 4 | <5 |
| AV 01675 | | 50.87 | 14.51 | 7.21 | 5.67 | 4.25 | <.05 | 12.86 | 1.10 | 0.14 | .18 | 157 | 2.94 | 99.77 | 17 | 69 | 53 | 158 | 84 | 78 | 69 | <.2 | 36 | <2 | .09 | 88 | <5 | <20 | <.2 | <5 | <5 | <10 | <20 | <1 | <1 | 13 | 724 | 5 | <5 |
| AV 01676 | | 49.36 | 13.43 | 9.35 | 3.49 | 4.05 | <.05 | 10.08 | 1.02 | 0.11 | .23 | 160 | 8.46 | 99.61 | 15 | 60 | 19 | 126 | 76 | 87 | 73 | <.2 | 41 | <2 | .05 | 151 | <5 | <20 | 0.3 | <5 | <5 | <10 | <20 | <1 | <1 | 28 | 1567 | 5 | 14 |
| AV 01677 | | 38.72 | 12.19 | 10.52 | 4.28 | 1.87 | 0.73 | 11.49 | 0.95 | 0.11 | .17 | 190 | 19.13 | 100.22 | 16 | 47 | 148 | 177 | 100 | 106 | 117 | <.2 | 46 | <2 | .15 | 47 | 119 | <20 | <.2 | 10 | <5 | <10 | <20 | <1 | <1 | 3 | 1382 | <2 | 14 |
| AV 01678 | | 64.16 | 14.46 | 4.14 | 1.31 | 2.08 | 1.02 | 3.13 | 0.33 | 0.10 | .04 | 82 | 7.93 | 98.74 | 5 | 113 | 201 | 159 | 9 | 23 | 13 | <.2 | 7 | <2 | .02 | 5 | 17 | <20 | <.2 | <5 | <5 | <10 | <20 | <1 | 3 | 2 | 282 | <2 | <5 |
| AV 01679 | | 39.49 | 13.06 | 10.43 | 4.33 | 2.01 | 0.59 | 9.38 | 0.68 | 0.08 | .19 | 334 | 18.59 | 98.89 | 13 | 34 | 97 | 112 | 101 | 55 | 117 | <.2 | 41 | <2 | .09 | 60 | 104 | <20 | <.2 | 6 | <5 | <10 | <20 | <1 | <1 | 3 | 1491 | <2 | 16 |
| AV 01680 | | 51.84 | 12.53 | 3.87 | 2.39 | 1.84 | 0.66 | 12.40 | 1.65 | 0.16 | .18 | 77 | 12.56 | 100.12 | 29 | 102 | 105 | 86 | 128 | 74 | 60 | 0.2 | 53 | <2 | .13 | 76 | 53 | <20 | <.2 | <5 | <5 | <10 | <20 | <1 | <1 | 2 | 1375 | <2 | 15 |
| AV 00373 | | 75.30 | 10.85 | 0.23 | 0.53 | 1.17 | 7.31 | 2.89 | 0.24 | 0.05 | .03 | 321 | 1.04 | 99.77 | 99 | 307 | 694 | 15 | 36 | 83 | 59 | <.2 | 3 | 96 | .03 | 12 | <5 | <20 | 3.8 | <5 | <5 | <10 | <20 | 2 | 48 | 6 | 223 | 5 | <5 |



CHIMITEC
BONDAR CLEGG



Rapport Lab Geochimie Geochemical Lab Report

CLIENT: FALCON EXPLORATION, KIDD CREEK MINESITE
REPORT: T01-57417.0 (COMPLETE)

DATE RECEIVED: 15-NOV-01

DATE PRINTED: 28-NOV-01

PROJECT: 304
PAGE 1B(2/ 2)

| SAMPLE NUMBER | ELEMENT UNITS | Nb PPM |
|------------------|------------------|-----------|
| AV 01674 | | 6 |
| AV 01675 | | 5 |
| AV 01676 | | 4 |
| AV 01677 | | <1 |
| AV 01678 | | <1 |
| AV 01679 | | <1 |
| AV 01680 | | 3 |
| AV 00373 | | <1 |



CLIENT: FALCON EXPLORATION, KIDD CREEK MINESITE
REPORT: T01-57352.0 (COMPLETE)

PROJECT: 8127

DATE RECEIVED: 17-OCT-01

DATE PRINTED: 26-OCT-01

PAGE 1A(1/ 2)

| SAMPLE NUMBER | ELEMENT UNITS | SiO2 PCT | Al2O3 PCT | CaO PCT | MgO PCT | Na2O PCT | K2O PCT | Fe2O3 PCT | TiO2 PCT | P2O5 PCT | MnO PCT | Cr PPM | LOI PCT | Total PCT | Y PPM | Zr PPM | Be PPM | Sr PPM | Cu PPM | Zn PPM | Ni PPM | Ag PPM | Co PPM | Pb PPM | S PCT | V PPM | As PPM | Sn PPM | Cd PPM | Sb PPM | Bi PPM | Ta PPM | W PPM | Mo PPM | La PPM | Li PPM | Mn PPM | Ga PPM | Sc PPM |
|---------------|---------------|----------|-----------|---------|---------|----------|---------|-----------|----------|----------|---------|--------|---------|-----------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|
| AV 01651 | | 48.71 | 13.05 | 9.01 | 3.63 | 2.35 | 1.85 | 6.39 | 0.49 | 0.23 | .12 | 77 | 14.55 | 100.53 | 10 | 119 | 843 | 435 | 13 | 80 | 34 | <.2 | 18 | <.2 | .04 | 24 | <.5 | <.20 | <.2 | <.5 | <.5 | <.10 | <.20 | 2 | 22 | 5 | 939 | <.2 | 8 |
| AV 01652 | | 49.12 | 12.03 | 8.82 | 3.70 | 2.58 | 1.49 | 7.30 | 0.46 | 0.23 | .12 | 118 | 14.64 | 100.61 | 11 | 106 | 598 | 380 | 22 | 92 | 52 | <.2 | 23 | <.2 | .04 | 24 | <.5 | <.20 | <.2 | <.5 | <.5 | <.10 | <.20 | 2 | 15 | 9 | 951 | <.2 | 11 |
| AV 01653 | | 59.43 | 12.48 | 5.83 | 2.39 | 1.92 | 1.87 | 5.10 | 0.52 | 0.18 | .08 | 116 | 10.23 | 100.11 | 9 | 100 | 404 | 273 | 5 | 62 | 44 | <.2 | 17 | <.2 | .02 | 17 | <.5 | <.20 | <.2 | <.5 | <.5 | <.10 | <.20 | 2 | 16 | 7 | 620 | <.2 | 5 |
| AV 01654 | | 57.16 | 14.74 | 5.52 | 2.72 | 3.29 | 1.77 | 5.90 | 0.60 | 0.17 | .09 | 112 | 8.38 | 100.43 | 10 | 124 | 300 | 315 | 25 | 69 | 50 | <.2 | 18 | <.2 | .02 | 24 | <.5 | <.20 | <.2 | <.5 | <.5 | <.10 | <.20 | 1 | 18 | 8 | 703 | <.2 | 7 |
| AV 01655 | | 50.74 | 12.17 | 8.20 | 3.60 | 2.79 | 1.42 | 6.76 | 0.44 | 0.16 | .14 | 108 | 13.73 | 100.24 | 8 | 113 | 300 | 350 | 15 | 85 | 55 | <.2 | 19 | <.2 | .02 | 21 | <.5 | <.20 | <.2 | <.5 | <.5 | <.10 | <.20 | 3 | 18 | 8 | 1129 | <.2 | 8 |
| AV 01656 | | 49.52 | 14.12 | 8.33 | 4.08 | 3.38 | 1.68 | 7.01 | 0.61 | 0.37 | .11 | 140 | 11.21 | 100.54 | 15 | 124 | 361 | 469 | 37 | 108 | 39 | <.2 | 22 | 2 | .03 | 51 | <.5 | <.20 | <.2 | <.5 | <.5 | <.10 | <.20 | 2 | 30 | 8 | 890 | <.2 | 11 |
| AV 01657 | | 47.60 | 15.89 | 7.84 | 3.77 | 1.81 | 1.91 | 6.45 | 0.76 | 0.33 | .11 | 145 | 13.63 | 100.24 | 14 | 144 | 392 | 486 | 25 | 74 | 36 | <.2 | 20 | 3 | .28 | 25 | <.5 | <.20 | <.2 | <.5 | <.5 | <.10 | <.20 | 3 | 30 | 12 | 891 | <.2 | 11 |
| AV 01658 | | 58.13 | 13.45 | 6.19 | 2.31 | 1.24 | 2.56 | 5.16 | 0.50 | 0.24 | .09 | 159 | 10.52 | 100.49 | 9 | 112 | 507 | 317 | 8 | 70 | 30 | <.2 | 14 | <.2 | .02 | 20 | <.5 | <.20 | <.2 | <.5 | <.5 | <.10 | <.20 | <.1 | 10 | 6 | 668 | <.2 | <.5 |
| AV 01659 | | 54.75 | 14.96 | 7.09 | 2.90 | 1.45 | 2.59 | 7.01 | 0.68 | 0.24 | .10 | 61 | 8.63 | 100.45 | 11 | 124 | 195 | 239 | 21 | 71 | 36 | <.2 | 20 | <.2 | .02 | 31 | <.5 | <.20 | <.2 | <.5 | <.5 | <.10 | <.20 | 2 | 13 | 9 | 775 | <.2 | 8 |
| AV 01660 | | 60.02 | 17.12 | 2.87 | 1.70 | 5.58 | 1.91 | 4.31 | 0.50 | 0.19 | .06 | 128 | 6.43 | 100.77 | 8 | 144 | 323 | 211 | 21 | 58 | 36 | <.2 | 17 | <.2 | .01 | 15 | <.5 | <.20 | <.2 | <.5 | <.5 | <.10 | <.20 | 2 | 19 | 6 | 448 | <.2 | <.5 |
| AV 01661 | | 64.38 | 13.15 | 4.33 | 1.69 | 5.50 | 1.12 | 3.33 | 0.38 | 0.20 | .06 | 134 | 6.45 | 100.67 | 7 | 112 | 286 | 229 | 6 | 42 | 29 | <.2 | 11 | <.2 | .10 | 18 | <.5 | <.20 | <.2 | <.5 | <.5 | <.10 | <.20 | 1 | 18 | 5 | 466 | <.2 | <.5 |
| AV 01662 | | 55.39 | 14.01 | 7.05 | 3.06 | 1.02 | 3.11 | 5.96 | 0.59 | 0.28 | .10 | 110 | 9.46 | 100.12 | 12 | 123 | 377 | 238 | 6 | 70 | 38 | <.2 | 18 | <.2 | .03 | 26 | <.5 | <.20 | <.2 | <.5 | <.5 | <.10 | <.20 | <.1 | 24 | 13 | 762 | <.2 | 8 |
| AV 01663 | | 65.01 | 14.37 | 3.80 | 1.29 | 2.32 | 2.26 | 3.89 | 0.39 | 0.18 | .06 | 123 | 6.68 | 100.38 | 5 | 116 | 892 | 296 | 12 | 44 | 24 | <.2 | 10 | <.2 | .63 | 12 | <.5 | <.20 | <.2 | <.5 | <.5 | <.10 | <.20 | 2 | 11 | 6 | 446 | <.2 | <.5 |
| AV 01664 | | 63.58 | 14.75 | 4.45 | 1.92 | 4.24 | 1.72 | 3.95 | 0.53 | 0.11 | .06 | 112 | 5.28 | 100.69 | 8 | 154 | 337 | 375 | 21 | 38 | 29 | <.2 | 11 | <.2 | .08 | 15 | 38 | <.20 | <.2 | <.5 | <.5 | <.10 | <.20 | 2 | 15 | 18 | 510 | <.2 | <.5 |
| AV 01665 | | 62.94 | 12.34 | 5.25 | 1.43 | 2.13 | 2.39 | 4.44 | 0.37 | 0.15 | .10 | 83 | 8.14 | 99.77 | 12 | 119 | 434 | 286 | 9 | 43 | 8 | <.2 | 7 | <.2 | .11 | 8 | 7 | <.20 | <.2 | <.5 | <.5 | <.10 | <.20 | 4 | 9 | 6 | 836 | <.2 | <.5 |
| AV 01666 | | 77.43 | 13.21 | 1.08 | 0.24 | 2.16 | 2.69 | 0.92 | 0.06 | <.03 | .01 | 140 | 2.40 | 100.29 | 13 | 60 | 581 | 93 | 4 | 5 | 4 | <.2 | 1 | <.2 | .21 | 7 | 5 | <.20 | <.2 | <.5 | <.5 | <.10 | <.20 | 3 | 8 | 5 | 123 | <.2 | <.5 |
| AV 01667 | | 68.66 | 15.43 | 2.92 | 0.92 | 2.71 | 2.69 | 4.66 | 0.38 | 0.14 | .07 | 44 | 1.60 | 100.28 | 19 | 174 | 433 | 143 | 7 | 77 | <.1 | <.2 | 5 | <.2 | .02 | 6 | <.5 | <.20 | <.2 | <.5 | <.5 | <.10 | <.20 | 1 | 18 | 20 | 552 | <.2 | <.5 |
| AV 00371 | | 76.84 | 10.81 | 0.22 | 0.54 | 1.18 | 6.84 | 2.87 | 0.25 | 0.06 | .03 | 337 | 0.91 | 100.69 | 99 | 311 | 702 | 20 | 32 | 86 | 57 | <.2 | 3 | 91 | .04 | 14 | <.5 | <.20 | 3.3 | <.5 | <.5 | <.10 | <.20 | 2 | 48 | 7 | 196 | <.2 | <.5 |

15



CHIMITEC
BONDAR CLEGG



Rapport Lab Geochimie Geochemical Lab Report

CLIENT: FALCON EXPLORATION, KIDD CREEK MINESITE
REPORT: T01-57352.0 (COMPLETE)

DATE RECEIVED: 17-OCT-01

DATE PRINTED: 26-OCT-01

PROJECT: 8127

PAGE 1B(2/ 2)

| SAMPLE NUMBER | ELEMENT Nb UNITS PPM |
|------------------|-------------------------|
| AV 01651 | <1 |
| AV 01652 | <1 |
| AV 01653 | <1 |
| AV 01654 | <1 |
| AV 01655 | <1 |
| AV 01656 | 3 |
| AV 01657 | 1 |
| AV 01658 | 2 |
| AV 01659 | 2 |
| AV 01660 | <1 |
| AV 01661 | <1 |
| AV 01662 | <1 |
| AV 01663 | <1 |
| AV 01664 | <1 |
| AV 01665 | <1 |
| AV 01666 | <1 |
| AV 01667 | <1 |
| AV 00371 | <1 |



Established 1928

Swastika Laboratories Ltd

Assaying - Consulting - Representation

Geochemical Analysis Certificate

1W-2398-RG1

Company: **FALCONBRIDGE EXPLORATION**
Project: 8127
Attn: Dean Rogers

Date: OCT-25-01

We hereby certify the following Geochemical Analysis of 19 Core samples submitted OCT-18-01 by .

| Sample Number | Au PPB | Cu PPM | Zn PPM | Pb PPM | Ag PPM | Ni PPM |
|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|
| AV01701 | 2 | 24 | 78 | 1 | 0.1 | 42 |
| AV01702 | 14 | 40 | 75 | 1 | 0.1 | 39 |
| AV01703 | 2 | 37 | 69 | 1 | 0.1 | 40 |
| AV01704 | 5 | 48 | 57 | 1 | 0.1 | 36 |
| AV01705 | 2 | 13 | 53 | 1 | 0.1 | 34 |
| AV01706 | 2 | 24 | 54 | 1 | 0.1 | 32 |
| AV01707 | 3 | 8 | 55 | 1 | 0.1 | 36 |
| AV01708 | 2 | 42 | 65 | 1 | 0.1 | 37 |
| AV01709 | 2 | 24 | 46 | 1 | 0.1 | 24 |
| AV01710 | 2 | 11 | 46 | 1 | 0.1 | 25 |
| AV01711 | 2 | 53 | 50 | 1 | 0.1 | 43 |
| AV01712 | 2 | 21 | 28 | 1 | 0.1 | 36 |
| AV01713 | 2 | 20 | 17 | 1 | 0.1 | 38 |
| AV01714 | 2 | 24 | 19 | 1 | 0.1 | 25 |
| AV01715 | 2 | 22 | 23 | 1 | 0.1 | 41 |
| AV01716 | 2 | 59 | 57 | 3 | 0.1 | 84 |
| AV01717 | 10 | 21 | 53 | 1 | 0.1 | 41 |
| AV01718 | 7 | 21 | 58 | 1 | 0.1 | 34 |
| AV00372 Control | 2 | 37 | 91 | 105 | 0.2 | 61 |

Certified by 

Date: 2002-JAN-14

GEOSCIENCE ASSESSMENT OFFICE
933 RAMSEY LAKE ROAD, 6th FLOOR
SUDBURY, ONTARIO
P3E 6B5

FALCONBRIDGE LIMITED
SUITE 1200, 95 WELLINGTON STREET WEST
TORONTO, ONTARIO
M5J 2V4 CANADA

Tel: (888) 415-9845
Fax: (877) 670-1555

Submission Number: 2.22660
Transaction Number(s): W0180.31316

Dear Sir or Madam

Subject: Approval of Assessment Work

We have approved your Assessment Work Submission with the above noted Transaction Number(s). The attached Work Report Summary indicates the results of the approval.

At the discretion of the Ministry, the assessment work performed on the mining lands noted in this work report may be subject to inspection and/or investigation at any time.

If you have any question regarding this correspondence, please contact STEVEN BENETEAU by email at steve.beneteau@ndm.gov.on.ca or by phone at (705) 670-5855.

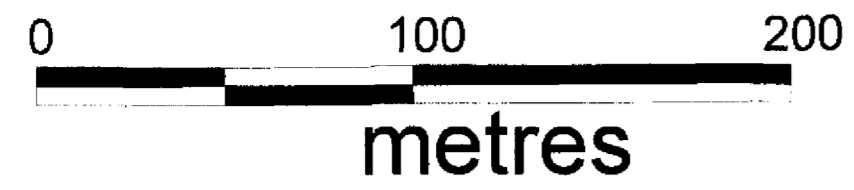
Yours Sincerely,



Ron Gashinski
Senior Manager, Mining Lands Section

Cc: Resident Geologist
Echo Bay Mines Ltd.
(Claim Holder)
Falconbridge Limited
(Assessment Office)

Assessment File Library
Falconbridge Limited
(Claim Holder)



L 56+00E

L 57+00E

L 58+00E

L 59+00E

L 62+00E

L 63+00E

L 64+00E

L 65+00E

L 66+00E

L 67+00E

L 68+00E

TL 165N

L 60+00E

L 61+00E

ATV Trails

Logging Road

| | | | | | |
|----|----|---|------|----|----|
| 24 | 78 | 1 | 0.10 | 14 | <2 |
| 40 | 75 | 1 | 0.10 | 14 | <2 |
| 37 | 69 | 1 | 0.10 | 2 | <2 |
| 48 | 57 | 1 | 0.10 | 5 | <2 |
| 13 | 53 | 1 | 0.10 | 2 | <2 |
| 24 | 54 | 1 | 0.10 | 2 | <2 |
| 8 | 55 | 1 | 0.10 | 3 | <2 |
| 42 | 65 | 1 | 0.10 | 2 | <2 |
| 24 | 46 | 1 | 0.10 | 2 | <2 |
| 11 | 46 | 1 | 0.10 | 2 | <2 |
| 53 | 50 | 1 | 0.10 | 2 | <2 |
| 59 | 57 | 3 | 0.10 | 2 | <2 |
| 21 | 53 | 1 | 0.10 | 10 | <2 |
| 21 | 58 | 1 | 0.10 | 7 | <2 |
| 21 | 28 | 1 | 0.10 | 2 | <2 |
| 20 | 17 | 1 | 0.10 | 2 | <2 |
| 24 | 19 | 1 | 0.10 | 2 | <2 |
| 22 | 23 | 1 | 0.10 | 2 | <2 |

WA54-02
Az = 100 deg.
Dip = -50 deg.
(628.93 mE
6,393,293 mN)

4 qp, lt, seg
3C, lt, t

4, lt, fz

2, bx, f

4, lt, qp, seg

4, lt, g, <EHx>

21, 58

4, bx, pq

4, lt, g, <EXH>

4, m, bx

E.O.H.

L 1236820

L 1200339

L 1200338

L 1140851

L 1140850

L 1140854

L 1140855

TL 160N

BL 155N

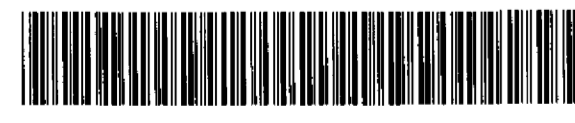
L 69+00E

L 70+00E

WA54-01
Az = 45 deg.
Dip = -55 deg.
(529.732 mE
6,392,740 mN)

N
(astronomic)

(magnetic)



42A10N2016 2.22660 WALKER 210

ASTRONOMIC



FALCONBRIDGE LIMITED



Exploration Division Timmins, ONTARIO

Walker Twp.

WA54-01 & WA54-02

Surface Plan

| | | | |
|------------------|----------------|---------------|--------------|
| TRACED: DFR | DATE: 19/06/99 | NTS | PROJECT: 127 |
| DRAWN: DFR | DATE: 19/06/99 | MAP No. | FILE: |
| SUPERVISED: S.M. | DATE: 19/06/99 | SCALE 1:2,000 | |
| REVISED: | DATE: | | |

L156+00N

L157+00N

Claim
L1140855Claim
L1140850

L158+00N

| WA54-01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|----------|--------|---------|--------|---------|---------|--------|--------|--------|---------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|------------|---------|------|--------|--------|---------|--------|---------|--------|
| SAMPL No. | FROM (M) | TO (M) | Int (M) | SI02 % | AL2O3 % | CAO % | MGO % | NA2O % | K2O % | FE2O3 % | TIO2 % | P2O5 % | MNO % | LOI % | SUM % | Y PPM | ZR PPM | CU PPM | ZN PPM | NI PPM | CR PPM | FIELD NAME | CHEM ID | ALUM | CO PPM | S % | V PPM | BE PPM | SC PPM | MR PPM |
| AWD1674 | 61.00 | 66.00 | 3.0 | 48.960 | 14.570 | 6.5200 | 5.3900 | 4.4100 | 0.0250 | 13.560 | 1.1500 | 0.1400 | 0.1700 | 2.7600 | 96.680 | 18.000 | 67.000 | 85.000 | 96.000 | 100.000 | 167.000 | | | | 41.000 | 0.1200 | 99.000 | 2.5000 | 6.0000 | |
| AWD1675 | 93.00 | 95.00 | 3.0 | 50.870 | 14.510 | 7.2100 | 5.6700 | 4.2500 | 0.0250 | 12.860 | 1.1000 | 0.1400 | 0.1800 | 2.9400 | 95.770 | 17.000 | 69.000 | 84.000 | 78.000 | 69.000 | 157.000 | | | | 36.000 | 0.0900 | 98.000 | 2.5000 | 5.0000 | |
| AWD1676 | 151.00 | 153.00 | 3.0 | 49.360 | 13.430 | 9.3500 | 3.4900 | 4.0500 | 0.0250 | 10.980 | 1.0200 | 0.1500 | 0.2300 | 8.4600 | 95.610 | 15.000 | 60.000 | 75.000 | 87.000 | 71.000 | 160.000 | | | | 41.000 | 0.0900 | 151.000 | 14.000 | 4.0000 | |
| AWD1577 | 177.00 | 180.00 | 3.0 | 36.720 | 12.190 | 10.520 | 4.2800 | 1.8700 | 0.7300 | 11.490 | 0.8500 | 0.1300 | 0.1700 | 19.130 | 100.22 | 15.000 | 47.000 | 100.000 | 104.000 | 117.000 | 190.000 | | | | 46.000 | 0.1500 | 47.000 | 14.000 | 0.5000 | |
| AWD1678 | 187.00 | 190.00 | 3.0 | 64.160 | 14.460 | 4.1400 | 1.3100 | 2.0800 | 1.0200 | 1.1300 | 0.3300 | 0.1000 | 0.0400 | 7.8300 | 96.740 | 5.0000 | 13.000 | 9.0000 | 23.000 | 13.000 | 82.000 | | | | 7.0000 | 0.0200 | 5.0000 | 2.5000 | 0.5000 | |
| AWD1679 | 207.00 | 210.00 | 3.0 | 39.490 | 13.060 | 10.430 | 4.3300 | 2.0100 | 0.5900 | 9.3800 | 0.6800 | 0.0800 | 0.1900 | 18.590 | 98.890 | 13.000 | 34.000 | 101.000 | 55.000 | 117.000 | 134.000 | | | | 41.000 | 0.0900 | 60.000 | 16.000 | 0.5000 | |
| AWD1680 | 246.00 | 249.00 | 3.0 | 51.840 | 12.530 | 13.8700 | 2.3500 | 1.8400 | 0.6600 | 12.400 | 1.6500 | 0.1600 | 0.1800 | 12.560 | 100.12 | 28.000 | 152.000 | 128.000 | 74.000 | 60.000 | 77.000 | | | | 53.000 | 0.1300 | 76.000 | 15.000 | 13.0000 | |

WA54-01

Az = 45 deg.

Dip = -55 deg. (529,732 mE | 5,392,740mN)

Overburden

200m

2. a. e. n

4. b. f. g

5. g

4. b. f. g

100m



42A10NE2016 2.22660 WALKER

230

L156+00N

Falconbridge Limited
Timmins, Ont.
Walker Twp.

DDH WA54-01

66+00E

(viewing west)

0m

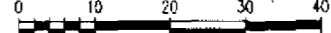
Traced by : DFR Dec/01 Approved by :

Drawn by : Plan no. :

Supervised by :

Revised by :

Scale : 1 : 1000 (metres)



L157+00N

L158+00N