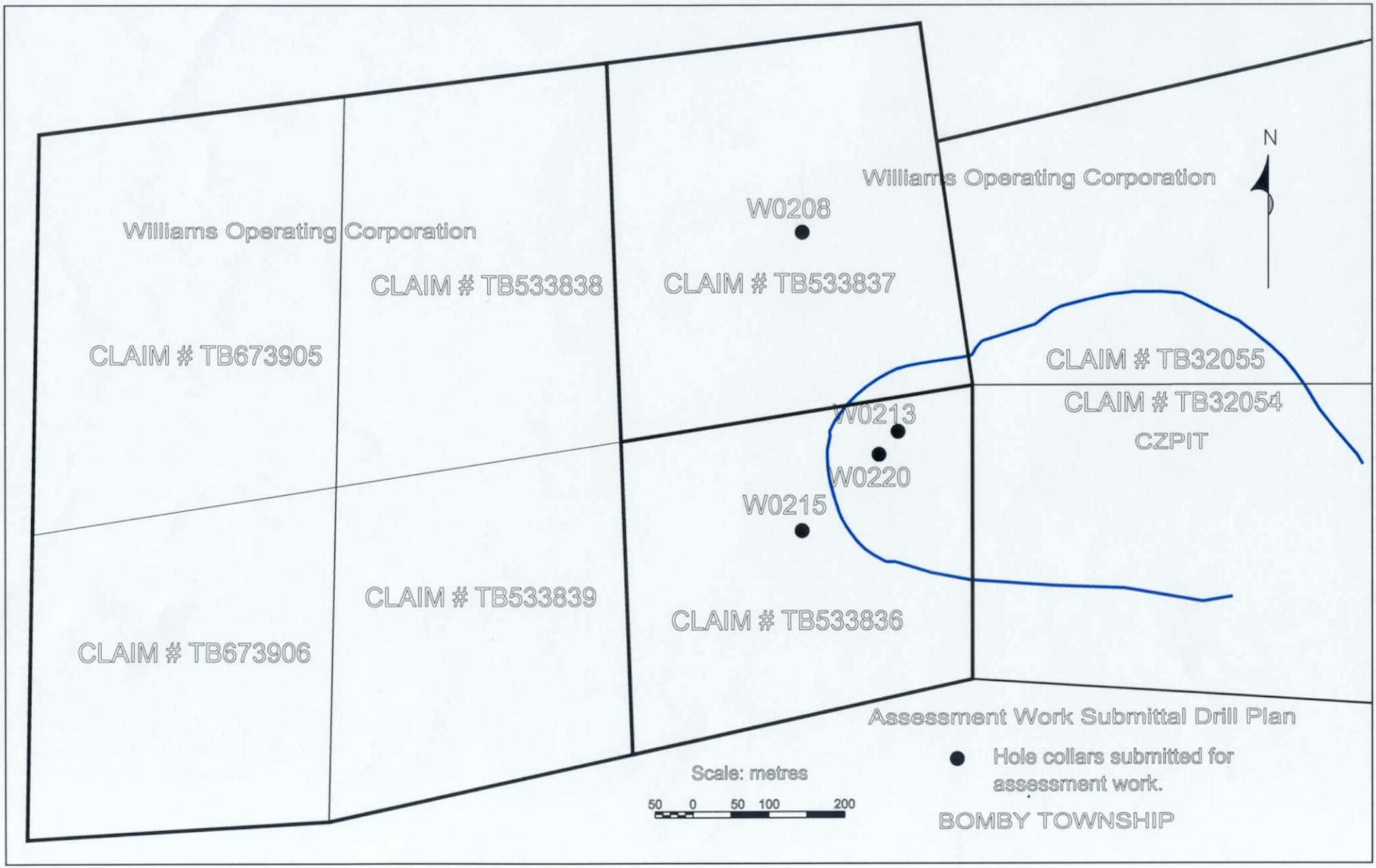
2.23773



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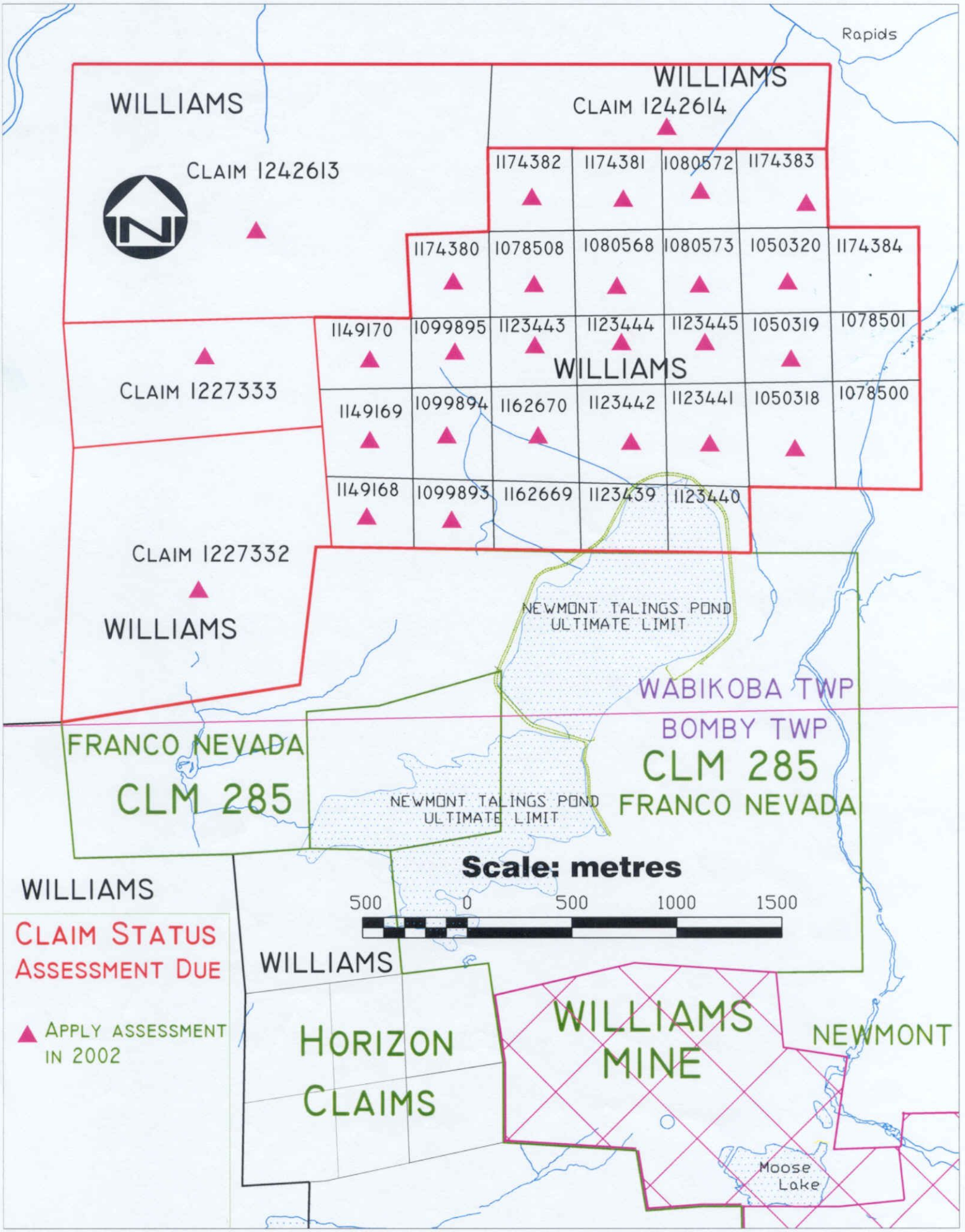
Rapids
WILLIAMS
CLAIM 1242614
WILLIAMS
CLAIM 1242613
1174382
1174381
1080572
1174383
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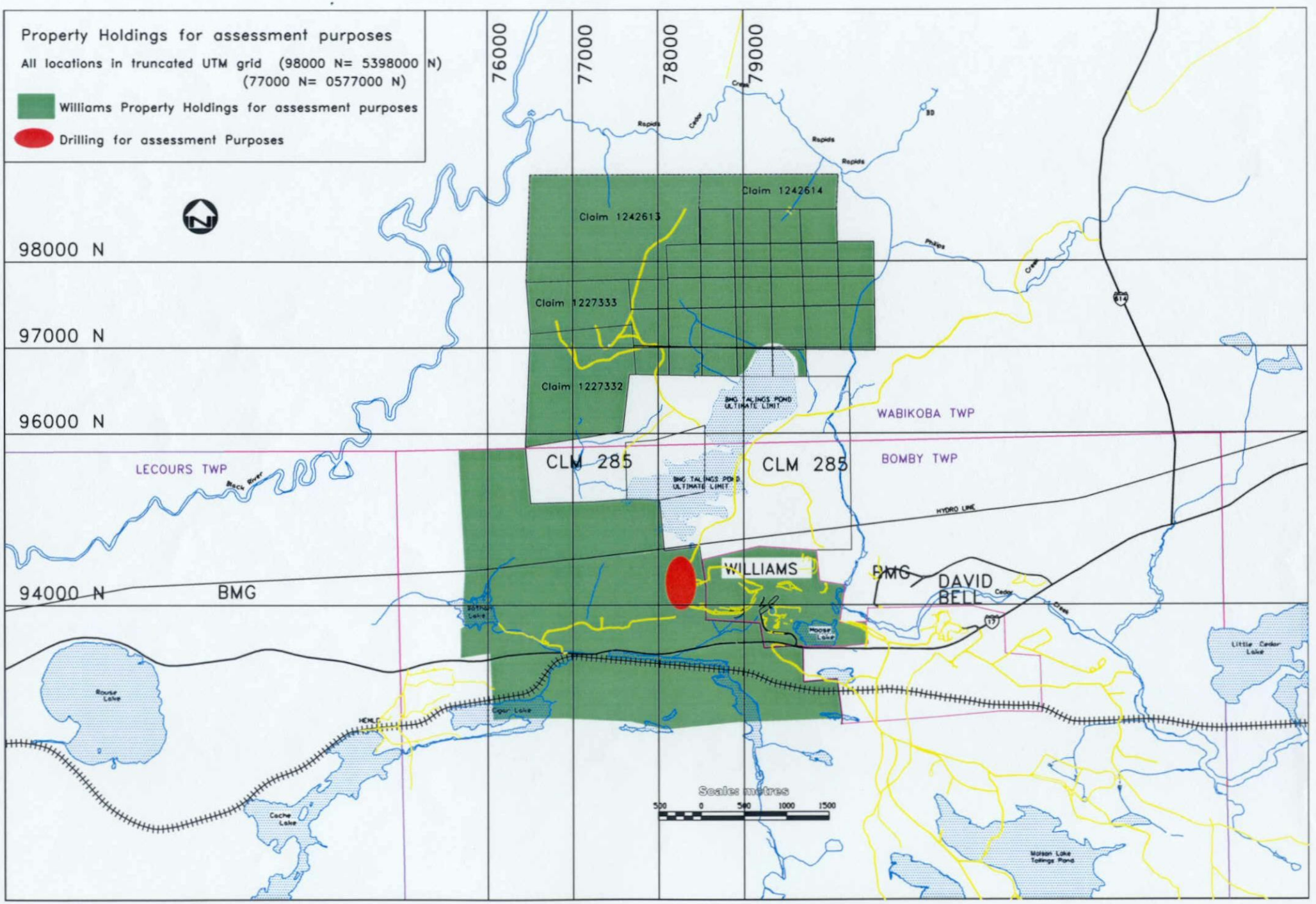
1080573
1050320
1174384
1149170
1099895
1123443
1123444
1123445
1050319
1078501
WILLIAMS
CLAIM 1227333
1149169
1099894
1162670
1123442
1123441
1050318
1078500
1149168
1099893
1162669
1123439
1123440
CLAIM 1227332
WILLIAMS
NEWMONT TALINGS POND
ULTIMATE LIMIT
WABIKOBA TWP
BOMBY TWP
FRANCO NEVADA
CLM 285
CLM 285
FRANCO NEVADA
NEWMONT TALINGS POND
ULTIMATE LIMIT
Scale: metres
500 0 500 1000 1500
WILLIAMS
CLAIM STATUS
ASSESSMENT DUE
APPLY ASSESSMENT
IN 2002
WILLIAMS
HORIZON
CLAIMS
WILLIAMS
MINE
NEWMONT
Moose
Lake


Property Holdings for assessment purposes
All locations in truncated UTM grid (98000 N= 5398000 N)
(77000 N= 0577000 N)
Williams Property Holdings for assessment purposes
Drilling for assessment Purposes
76000
77000
78000
79000
98000 N
97000 N
96000 N
94000 N
Claim 1242614
Claim 1242613
Claim 1227333
Claim 1227332
CLM 285
CLM 285
WILLIAMS
BMG
BMG
DAVID BELL
WABIKOBA TWP
BOMBY TWP
LECOURS TWP
BMG TAILINGS POND ULTIMATE LIMIT
BMG TAILINGS POND ULTIMATE LIMIT
HYDRO LINE
Black River
Cedar Creek
Rapids
Rapids
Rapids
Phyllis Creek
814
17
Bottom Lake
Moose Lake
Little Cedar Lake
Rouse Lake
Cigar Lake
Cache Lake
Matson Lake Tailings Pond
Scale: metres
500 0 500 1000 1500

EFFECTIVE JANUARY 1, 1989
Revised October 1988

GEOLOGY LEGEND

ZONE Used for highlighting information

MZ1	S	FW	FZ-1	N	FW
MZ2			FZ-2		
MZ3	N	HW	FZ-3	S	FWS

FROM - TO Defines the interval over which a particular rock type or characteristic occurs.

ROCK TYPE Includes geological and structural units. May also include textural designations and/or minerals.

A GEOLOGICAL UNITS AND SUBUNITS

REFER TO APPENDIX I AND IA

1) Mafic metavolcanic rocks
2) Intermediate metavolcanic/volcaniclastic rocks
3) Felsic metavolcanic/volcaniclastic rocks
4) Metasedimentary rocks
5) Baritic rocks (≥ 25% Barite)
6) Massive to Foliated Feldspathic Rock
7) Biotitic rocks - includes schists and fragmentals
8) Muscovite schist
9) Felsic porphyritic intrusive rocks
10) Felsic intrusive rocks
11) Intermediate intrusive rocks
12) Mafic intrusive rocks
13) Diabase dykes
14) Lamprophyre dykes
15) Breccia pipe

STRUCTURAL/TEXTURAL UNITS AND SUBUNITS

REFER TO APPENDIX I AND II

a) coating or envelopes
b) blebs
c) fragmental
d) disseminated
e) quartz eyes
f) feldspar phenocrysts
g) interstitial
h) schistose
i) lenses/augen
j) foliated
k) banded
l) laminated
m) nodules or spots
n) shear
o) brecciated
p) pervasive
q) massive
r) red colouration
s) feldspathic
t) calc-silicate bands
u) quilts or patches
v) vein
w) books
x) sheeting
y) magnetic
z) tarnish and stain
(1) Disseminated < Veins
(2) Disseminated = Veins
(3) Disseminated > Veins

FD - folded
FT - fault/slip
GO - gouge
CT - contact
CL - cleavage
BD - bedding
QV - quartz vein
LN - lineation
FR - fracture or joint
SK - slickensides
LC - lost core
PC - popcorn - like phenocrysts

C: ROCK FORMING MINERALS OF UNITS AND SUBUNITS

Ac - Actinolite
Ak - Ankerite
Am - Amphibole
Ah - Anhydrite
Ap - Apatite
As - Arsenopyrite
Ba - Barite
Bi - Biotite
Bo - Bornite
Ca - Calcite
Cb - Carbonate
Cd - Chloritoid
Cl - Chlorite
Cp - Chalcopyrite
Hg - Cinnibar
Dr - Dravite
Ep - Epidote
Fl - Fluorite
Fx - Feldspar
Gr - Graphite
Gt - Garnet
Pb - Galena
Vg - Visible Gold
Hm - Hematite
Kf - Potassic Feldspar
Ky - Kyanite
Mg - Magnetite
Mo - Molybdenite
Mu - Muscovite
Or - Orpiment
Ph - Phlogopite
Py - Pyrite
Po - Pyrrhotite
Pn - Pyroxene
Qz - Quartz
Rc - Rhodochrosite
Re - Realgar
Ro - Roscoelite
Ru - Rutile
Sl - Sillimanite
St - Staurolite
Sb - Stibnite
Sp - Sphalerite
Te - Tellurides
Ti - Sphene
To - Tourmaline
Tr - Tremolite
Ze - Zeolite

TYPIFYING CHARACTERISTICS

These include characteristics which best distinguish or describe individual units and subunits. Included are minerals, type and degree of alteration and materials and features.

A Minerals (see page 2)

B Alteration

Type	Intensity
Cx - Carbonatization	
Ax - Amphibolitic/Chloritic Alteration	
Ex - Epidotization	W - Weak
Rd - Reddish (Potassic/Hematitic)	M - Moderate
Sx - Feldspathitization	S - Strong
Mx - Muscovite	I - Intense
Ox - Oxidization	

COLOUR: Colour and shade of rock.

Shade and Colour Abbreviations - Dominant Colour Last

1	Darkest	4	Medium Dark	7	Light
2	Very Dark	5	Medium	8	Pale
3	Dark	6	Medium Light	9	Palest
N	Black	W	White	A	Grey
B	Blue	G	Green	P	Purple
R	Red	U	Brown	M	Mottled
Y	Yellow	SP	Salt & Pepper	$	Suffix "ish"
				K	Pink

GRAIN SIZE Grain size description of rocks and/or minerals.

Abbreviations

Vfg = Very Fine Grained - indistinguishable
fg = Fine Grained = $\leq$ 0.5 mm - flour
mg = Medium Grained = 0.5 - 1.9 mm - silt
cg = Coarse Grained = $\geq$ 2 mm - sand

PHENO MP: Crystal or phenocryst morphology.

Abbreviations

Pheno - Phenocryst type (ie: f)

REFER TO APPENDIX I

M - Mode of Occurrence
E - Euhedral Crystals
S - Subhedral Crystals
A - Anhedral Crystals
P - Maximum particle size (use mm)

FC: Fracture count; defined as the average number of fractures in 1m of core for any particular unit.

CO: Competence scale; rock competency described using a scale from 1 to 5 with 1 being the most competent and 5 being the least competent.

SF: Description and dip angle of STRUCTURAL FEATURE(S) in a unit. Dip is measured from a plane perpendicular to the core axis (core normal angle).

FROM - TO (@) Range or location (metres) of a structural feature use "@" for location of a single planar feature.

MINERALOGY

Observed minerals described by mode of occurrence/texture and percentage of the total rock. Use the same guide as Part B: Rock Names (refer to Appendix I and II)

STRUCTURAL FEATURES

Description and dip angle of structural features in a unit. Dip is measured from a plane perpendicular to the core axis (core normal angle). Refer to Part B: Rock names (Appendix I and II)

APPENDIX I

ROCKNAMES

Mafic

(1) Metavolcanic Rocks - composed of Amphibole (actinolite, hornblende, tremolite)
- dark green (darker than intermediate rocks)

Intermediate

(2) Metavolcanic/Volcaniclastic - composed mostly of feldspar, biotite and quartz
- generally equigranular/massive or banded/laminated
- has greater % of disseminated carbonate than the metasediments
- biotite is the indicator mineral

Felsic

(3) Metavolcanic/Volcaniclastic Rocks -- light colored felsic rock with a porphyritic texture defined by quartz eyes and/or Feldspar phenocrysts and/or fragments
- composed of Feldspar, Quartz and Muscovite
- can be foliated, variable intensities of feldspathic alteration

(4) Metasedimentary Rocks -- generally a banded/or laminated rock primarily composed of Qtz, Biotite and Feldspar usually containing calc-silicate (green) bands. Usually a purplish-grey-green to brownish color and fine to medium grained.
- in H.W. sediments above the main zone the primary metamorphic minerals include Kyanite, Garnets, Staurolite and minor arsenopyrite.

(5) Baritic Rocks - > 25% Barite

(6) Feldspathic Rocks - massive or brecciated; fine grained; light - medium colored unit (microcline rich rock)
- composed mainly of Feldspars, Muscovite
- commonly contains Barite, Pyrite, Molybdenite and Vanadium rich mica
- Moly is the best indicator to determine grade
- Pyrite is the most common sulphide mineralization followed by Molybdenite, Stibnite and Realgar

(7) Biotite - Rich Rocks - similar to (2) unit mineralogically
- biotitic matrix
- often used for thin highly altered or deformed intermediate units; often schistose of indeterminate origin
- used for Biotite intermediate fragmental unit @ east end of A Zone

(8) Muscovite Schist - Muscovite rich and schistose
- parts readily along foliation; light coloured
- often schistose; altered 3 units (felsic volcanic)

(9) Felsic Porphyry - felsic intrusive rock with Feldspar phenocrysts
- light coloured
- most common - Fx/Qz/Bi

(10) Felsic Intrusive - same as (9) except no phenocrysts 9=10f
- normally med - fine grained

(11) Intermediate Intrusive - could be porphyritic
- medium to dark grey
- biotite rich matrix

(12) Mafic Intrusive - dark grey to black to green
- Amphibole rich or contains Amphibole alteration products ie. Chlorite schist bands

(13) Diabase - composed of Amphiboles and Feldspar
- cross cutting to foliation
- generally massive and equigranular

(14) Lamprophyre - composed of Carbonates, felted Biotite, Magnetite and Pyroxenes
- cross cutting to foliation as well

(15) Breccia - rock made up of highly angular, coarse fragments lying in a fine to medium grained mafic matrix

APPENDIX IA
COMBINED ROCK NAMES

If the unit being logged corresponds to the description then the rock forming minerals can be omitted.

When units are mixed or inseparable or transitional, combined rock names are used.

The first number is the most dominant followed by others in the order of abundance.

(6-5) unit - indicates 20-45% of the unit is baritic rock which is composed of 25% Barite

(6Ba) unit - indicates less than 20% Barite but still a significant component

(3-8) unit - indicates between 20-45% Muscovite Schist

(3Mu) unit - indicates less than 20% Muscovite Schist

Apply these percentages to other combined units as well. (Sediments 4; 4-8; 4Mu etc.)

Modifiers, minerals and textures can be used for further description of units.

APPENDIX II
STRUCTURAL/TEXTURAL DEFINITIONS

(a) coating or envelopes - ie. Biotite

(b) blebs - non circular occurences

(c) fragmental - describe the size (mm), composition, contacts of the fragments; compare fragment composition to the matrix composition
- % - how often they occur
- broken material moved from place of origin

(d) disseminated - mineral grains scattered throughout the matrix in a non uniform manner, compared to pervasive which is evenly dispersed throughout the unit

(e) quartz eyes - note size (mm) and %

(f) feldspar phenocrysts - note size (mm) and %

(g) interstitial - occurs between grains

(h) Schistose - parts readily along foliation
ie. (8) unit

(i) lenses/augen/eyes - note size (mm) and %

(j) foliated - minerals are random in one plane, but does not necessarily part that way
- most obvious for mica minerals

(k) banded - > 1 cm thick bands
- alternating layers of different composition

(l) laminated - < 1 cm thick bands

(m) nodules/spots - circular or near circular occurrences.

(n) shear - incremental displacement

(step like displacement)

- ductile movement
- usually mud/or clay
- movement taken up by parallel planes as in displacement of a deck of cards

(o) brecciated - fragments usually are sharp, angular and coarse
- fragments/matrix are of 2 different compositions or textures
- fragments are in a matrix which is a later intrusive or has been disrupted by later mineralization or tectonic activity

(p) pervasive - uniformly disseminated throughout the unit
- not necessarily referring to a mineral could be pervasive alteration/weathering etc.

(q) massive - ie. dykes may be massive, homogeneous unit that lacks any linear features
- usually equigranular

(r) red colouration - ie. 3er - red in colour (visually)
- red colouration due to Hematite dusting in Feldspar crystals

(s) feldspathic - containing feldspar as the principal group of minerals (Orthoclase, Microcline, Plagioclase, Albite, Anorthite)
- refers to abnormally hard, often lighter colored sections of a unit, where the alteration is due to feldspathitization and/or silicification. It is generally not possible to visually distinguish between these two alterations.

(t) calc-silicate bands - high % of carbonates
- commonly found in metasediments
- fine to medium grain, green in color

(u) quilts/or patches - similar to a bleb but with transitional contacts

(v) vein - a tabular or sheet-like body of minerals which has been intruded into a joint or fissure, or system of joints and fissures, in rocks, often irregular and discontinuing

(w) books - ie: Biotite; Muscovite
- layering of a mineral (stack)

(x) sheeting - a mineral that occurs along slip surfaces (ie: Moly or Mica)

(y) tarnish or stain - very thin coating or discolouration on a surface

(1) Disseminated < Veins
(2) Disseminated = Veins
(3) Disseminated > Veins

Refers to Ore Zone
For example: Pyrite may occur as fine veins throughout the ore but disseminated as well. Determine which occurrence is greater.

CONTINUED TO STRUCTURAL FEATURES

APPENDIX III
OTHER STRUCTURAL FEATURES

FT - fault or slip - observable displacement between 2 surfaces; clean/brittle break
- smooth joint or crack whereas the strata has moved upon each ohter
- may have gouge infilling and/or brecciation

GO - gouge - Milling of fragments between 2 fault surfaces
- usually fragments and mud

DY - dyke - a tabular body of igneous rock (that cuts across the structure of adjacent or massive rocks)

CT - contact - place or surface where two (rock types) meet

CL - cleavage - for a mineral - the splitting or tendency to split along the planes determined by the crystal structure
- for a unit - tendency to split along definite parallel, closely spaced planes

BD - bedding - alternating layers of different composition
- original composition lain down by water
- primary structure

FO - foliation - Refer to foliated

LN - lineation - alignment of minerals such that all the grains are pointed in the same direction
- any linear structure within a unit ie. alignment of dark minerals, intersection of foliation and jointing.

FR - fracture/joint - a break or crack in a rock due to stress, folding or faulting, may be "no" observable displacement

SK - slickensides - polished and scratched or striated surfaces that result from friction along a fault plane

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TAG NUMBER	Au1	Au1R (LAB Repeat)	Date	Au2	Date
W0208-001	0.01		6/5/2002		
W0208-002	0.04		6/5/2002		
W0208-003	0.03		6/5/2002		
W0208-004	0.03		6/5/2002		
W0208-005	0.05		6/5/2002		
W0208-006	0.03		6/5/2002		
W0208-007	0.28		6/5/2002		
W0208-008	0.05		6/5/2002		
W0208-009	0.21		6/5/2002		
W0208-010	0.06		6/5/2002		
W0208-011	0.09		6/5/2002		
W0208-012	0.08		6/5/2002		
W0208-013	0.13		6/5/2002		
W0208-014	0.14	0.14	6/5/2002		
W0208-015	0.04		6/5/2002		
W0208-016	0.01		6/5/2002		
W0208-017	0.01		6/5/2002		
W0208-018	0.04		6/5/2002		
W0208-019	0.04		6/5/2002		
W0208-021	0.02		6/5/2002		
W0208-022	0.01		6/5/2002		
W0208-023	0.02		6/5/2002		
W0208-024	0.01	0.02	6/5/2002		
W0208-025	0.03		6/5/2002		
W0208-026	0.04		6/5/2002		
W0208-027	0.11		6/5/2002		
W0208-028	0.03		6/5/2002		
W0208-029	0.07		6/5/2002		
W0208-030	0.13		6/5/2002	0.13	6/5/2002
W0208-031	0.06		6/5/2002		
W0208-032	0.07		6/5/2002		
W0208-033	0.01		6/5/2002		
W0208-034	0.01	0.02	6/5/2002		
W0208-035	0.01		6/5/2002		
W0208-036	0.02		6/5/2002		
W0208-037	0.06		6/5/2002		
W0208-038	0.01		6/5/2002		
W0208-039	0.02		6/5/2002		
W0208-041	0.03		6/5/2002		
W0208-042	0.01		6/5/2002		
W0208-043	0.01		6/5/2002		
W0208-044	0.01		6/5/2002		
W0208-045	0.09		6/5/2002		
W0208-046	0.01		6/5/2002		
W0208-047	0.04		6/5/2002		
W0208-048	0.04		6/5/2002		
W0208-049	0.03		6/5/2002		

Certified By: _____

2.23773

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TAG NUMBER	Au1	Au1R (LAB Repeat)	Date	Au2	Date
W0208-050	0.02		6/5/2002		
W0208-051	0.01		6/5/2002		
W0208-052	0.03		6/5/2002		
W0208-053	0.05		6/5/2002		
W0208-054	0.03		6/5/2002		
W0208-055	0.02		6/5/2002		
W0208-056	0.02		6/5/2002		
W0208-057	0.06		6/5/2002		
W0208-058	0.05		6/5/2002		
W0208-059	0.05		6/5/2002		
W0208-061	0.07		6/5/2002		
W0208-062	0.05		6/5/2002		
W0208-063	0.05		6/5/2002		
W0208-064	0.04		6/5/2002		

Certified By: 

HOLE	TAG NUMBER	FROM	TO	Au1	Au1R (LAB Repeat)	Au2
W0208	W0208-001	4.5	5	0.01		
W0208	W0208-002	5	6	0.04		
W0208	W0208-003	6	7	0.03		
W0208	W0208-004	7	8	0.03		
W0208	W0208-005	8	9	0.05		
W0208	W0208-006	9	10	0.03		
W0208	W0208-007	10	11	0.28		
W0208	W0208-008	11	12	0.05		
W0208	W0208-009	12	13	0.21		
W0208	W0208-010	13	14	0.06		
W0208	W0208-011	14	15	0.09		
W0208	W0208-012	15	16	0.08		
W0208	W0208-013	16	17	0.13		
W0208	W0208-014	17	18	0.14	0.14	
W0208	W0208-015	18	18.7	0.04		
W0208	W0208-016	18.7	19.29	0.01		
W0208	W0208-017	19.29	20	0.01		
W0208	W0208-018	20	21	0.04		
W0208	W0208-019	21	22	0.04		
W0208	W0208-021	22	23	0.02		
W0208	W0208-022	23	24	0.01		
W0208	W0208-023	24	25	0.02		
W0208	W0208-024	25	25.36	0.01	0.02	
W0208	W0208-025	25.36	26	0.03		
W0208	W0208-026	26	27	0.04		
W0208	W0208-027	27	28	0.11		
W0208	W0208-028	28	29	0.03		
W0208	W0208-029	29	30	0.07		
W0208	W0208-030	30	31	0.13		0.13
W0208	W0208-031	31	32	0.06		
W0208	W0208-032	32	33	0.07		
W0208	W0208-033	33	34	0.01		
W0208	W0208-034	34	35	0.01	0.02	
W0208	W0208-035	35	36	0.01		
W0208	W0208-036	36	37	0.02		
W0208	W0208-037	37	38	0.06		
W0208	W0208-038	38	39	0.01		
W0208	W0208-039	39	40	0.02		
W0208	W0208-041	40	41	0.03		
W0208	W0208-042	41	42	0.01		
W0208	W0208-043	42	43	0.01		
W0208	W0208-044	43	44	0.01		
W0208	W0208-045	44	45	0.09		
W0208	W0208-046	45	46	0.01		
W0208	W0208-047	46	47	0.04		
W0208	W0208-048	47	47.67	0.04		
W0208	W0208-049	47.67	48	0.03		
W0208	W0208-050	48	49	0.02		
W0208	W0208-051	49	50	0.01		

HOLE	TAG NUMBER	FROM	TO	Au1	Au1R (LAB Repeat)	Au2
W0208	W0208-052	50	51	0.03		
W0208	W0208-053	51	52	0.05		
W0208	W0208-054	52	53	0.03		
W0208	W0208-055	53	54	0.02		
W0208	W0208-056	54	55	0.02		
W0208	W0208-057	55	56	0.06		
W0208	W0208-058	56	57	0.05		
W0208	W0208-059	57	58	0.05		
W0208	W0208-061	58	59	0.07		
W0208	W0208-062	59	60	0.05		
W0208	W0208-063	60	60.82	0.05		
W0208	W0208-064	60.82	61.85	0.04		

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TAG NUMBER	Au1	Au1R (LAB Repeat)	Date	Au2 (Geol. repeat)	Au2R (LAB Repeat)	Date
W0215-001	0.01		6/24/2002			
W0215-002	0.01		6/24/2002			
W0215-003	0.01		6/24/2002			
W0215-004	0.06		6/24/2002			
W0215-005	0.01		6/24/2002			
W0215-006	0.01	0.03	6/24/2002			
W0215-007	0.01		6/24/2002			
W0215-008	0.01		6/24/2002			
W0215-009	0.01		6/24/2002			
W0215-010	0.01		6/24/2002			
W0215-011	0.01		6/24/2002			
W0215-012	0.01		6/24/2002			
W0215-013	0.01		6/24/2002			
W0215-014	0.01		6/24/2002			
W0215-015	0.01	0.01	6/25/2002			
W0215-016	0.03		6/25/2002			
W0215-017	0.05		6/25/2002			
W0215-018	0.05		6/25/2002			
W0215-019	0.03		6/25/2002			
W0215-021	0.02		6/25/2002			
W0215-022	0.01		6/25/2002			
W0215-023	0.01		6/25/2002			
W0215-024	0.01		6/25/2002			
W0215-025	0.02		6/25/2002			
W0215-026	0.02		6/25/2002			
W0215-027	0.02		6/25/2002			
W0215-028	0.01		6/25/2002			
W0215-029	0.02		6/25/2002			
W0215-030	0.03		6/25/2002			
W0215-031	0.01		6/25/2002			
W0215-032	0.02		6/25/2002			
W0215-033	0.01		6/25/2002			
W0215-034	0.01		6/25/2002			
W0215-035	0.01	0.01	6/25/2002			
W0215-036	0.03		6/25/2002			
W0215-037	0.01		6/25/2002			
W0215-038	0.01		6/25/2002			
W0215-039	0.01		6/25/2002			
W0215-041	0.03		6/25/2002			
W0215-042	0.03		6/25/2002			
W0215-043	0.01		6/25/2002			
W0215-044	0.01		6/25/2002			
W0215-045	0.01		6/25/2002			
W0215-046	0.01		6/25/2002			
W0215-047	0.01		6/25/2002			
W0215-048	0.03		6/25/2002			
W0215-049	0.01		6/25/2002			

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TAG NUMBER	Au1	Au1R (LAB Repeat)	Date	Au2 (Geol. repeat)	Au2R (LAB Repeat)	Date
W0215-050	0.01		6/25/2002			
W0215-051	0.01		6/25/2002			
W0215-052	0.02		6/25/2002			
W0215-053	0.04		6/25/2002			
W0215-054	0.02		6/25/2002			
W0215-055	0.03		6/25/2002			
W0215-056	0.01		6/25/2002			
W0215-057	0.01		6/25/2002			
W0215-058	0.01		6/25/2002			
W0215-059	0.01		6/25/2002			
W0215-061	0.03		6/25/2002			
W0215-062	0.01		6/25/2002			
W0215-063	0.01		6/25/2002			
W0215-064	0.01	0.01	6/25/2002			
W0215-065	0.02		6/25/2002			
W0215-066	0.01		6/25/2002			
W0215-067	0.02		6/25/2002			
W0215-068	0.01		6/25/2002			
W0215-069	0.03		6/25/2002			
W0215-070	0.02		6/25/2002			
W0215-071	0.03		6/25/2002			
W0215-072	0.01		6/25/2002			
W0215-073	0.02		6/25/2002			
W0215-074	0.02		6/25/2002			
W0215-075	0.02		6/25/2002			
W0215-076	0.03		6/25/2002			
W0215-077	0.03		6/25/2002			
W0215-078	0.02		6/25/2002			
W0215-079	0.02		6/25/2002			
W0215-081	0.05		6/25/2002			
W0215-082	0.01		6/25/2002			
W0215-083	0.01		6/25/2002			
W0215-084	0.02		6/25/2002			
W0215-085	0.03	0.03	6/25/2002			
W0215-086	0.04		6/25/2002			
W0215-087	0.02		6/29/2002			
W0215-088	0.07		6/29/2002			
W0215-089	0.11		6/29/2002			
W0215-090	0.02		6/29/2002			
W0215-091	0.06		6/29/2002			
W0215-092	0.05		6/29/2002			
W0215-093	0.03		6/29/2002			
W0215-094	0.01		6/29/2002			
W0215-095	0.02		6/29/2002			
W0215-096	0.09		6/29/2002			
W0215-097	0.07		6/29/2002			
W0215-098	0.04		6/29/2002			

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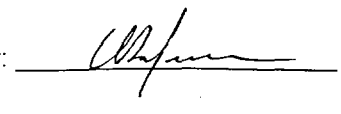
TAG NUMBER	Au1	Au1R (LAB Repeat)	Date	Au2 (Geol. repeat)	Au2R (LAB Repeat)	Date
W0215-099	0.03		6/29/2002			
W0215-101	0.04		6/29/2002			
W0215-102	0.01	0.01	6/30/2002			
W0215-103	0.01		6/30/2002			
W0215-104	0.01		6/30/2002			
W0215-105	0.01		6/30/2002			
W0215-106	0.01		6/30/2002			
W0215-107	0.01		6/30/2002			
W0215-108	0.01		6/30/2002			
W0215-109	0.01		6/30/2002			
W0215-110	0.01		6/30/2002			
W0215-111	0.01		6/30/2002			
W0215-112	0.01		6/30/2002			
W0215-113	0.01		6/30/2002			
W0215-114	0.01		6/30/2002			
W0215-115	0.01		6/30/2002			
W0215-116	0.01		6/30/2002			
W0215-117	0.01		6/30/2002			
W0215-118	0.01		6/30/2002			
W0215-119	0.01		6/30/2002			
W0215-121	0.01		6/30/2002			
W0215-122	0.06		6/30/2002			
W0215-123	0.07		6/30/2002			
W0215-124	0.01		6/30/2002			
W0215-125	0.01		6/30/2002			
W0215-126	0.01		6/30/2002			
W0215-127	0.09		6/30/2002			
W0215-128	0.02		6/30/2002			
W0215-129	0.01		6/30/2002			
W0215-130	0.01		6/30/2002			
W0215-131	0.06		6/30/2002			
W0215-132	0.02		6/30/2002			
W0215-133	0.36		6/30/2002	0.35	0.32	7/18/2002
W0215-134	0.32		6/30/2002	0.23	0.12	7/18/2002
W0215-135	0.07		6/30/2002			
W0215-136	0.05		6/30/2002			
W0215-137	0.05	0.07	6/30/2002			
W0215-138	0.19		6/30/2002			
W0215-139	0.09		6/30/2002			
W0215-141	0.05		6/30/2002			
W0215-142	0.24		6/30/2002	0.35	0.67	7/18/2002
W0215-143	0.07		6/30/2002			
W0215-144	0.03		6/30/2002			
W0215-145	0.02		6/30/2002			
W0215-146	0.01		6/30/2002	0.03		7/18/2002
W0215-147	0.06		6/30/2002			
W0215-148	1.58		6/30/2002		0.89	7/18/2002

Certified By: 

ASSAY CERTIFICATE - WILLIAMS OPERATING CORP - ASSAY LAB.
P.O. BOX 500, Marathon, Ontario P0T 2E0

TAG NUMBER	Au1	Au1R (LAB Repeat)	Date	Au2 (Geol. repeat)	Au2R (LAB Repeat)	Date
W0215-149	0.57	0.6	6/30/2002			
W0215-150	0.11		6/30/2002			
W0215-151	0.24		6/30/2002			
W0215-152	0.29		6/30/2002			
W0215-153	0.61		6/30/2002	0.74	0.53	7/18/2002
W0215-154	0.58		6/30/2002	0.53	0.51	7/18/2002
W0215-155	3.09		6/30/2002	2.7	2.61	7/18/2002
W0215-156	0.42		6/30/2002			
W0215-157	0.29		6/30/2002			
W0215-158	0.32	0.52	6/30/2002			
W0215-159	0.52		6/30/2002			
W0215-161	0.93		6/30/2002	1.81	1.03	7/18/2002
W0215-162	0.29		6/30/2002	0.3	0.24	7/18/2002
W0215-163	1.33		6/30/2002	1.36	1.04	7/18/2002
W0215-164	1.2		6/30/2002	1.62	1.11	7/18/2002
W0215-165	0.6		6/30/2002	0.47	0.69	7/18/2002
W0215-166	1.59		6/30/2002	2.02	1.79	7/18/2002
W0215-167	0.69		6/30/2002	0.76	0.95	7/18/2002
W0215-168	1.33		6/30/2002	1.91	1.41	7/18/2002
W0215-169	0.99		6/30/2002	1.19	1.32	7/18/2002
W0215-170	0.17		6/30/2002			
W0215-171	0.3		6/30/2002			
W0215-172	0.42		6/30/2002			
W0215-173	0.36		6/30/2002			
W0215-174	0.32		6/30/2002			
W0215-175	0.38		6/30/2002			
W0215-176	0.34		6/30/2002			
W0215-177	0.13		6/30/2002			
W0215-178	0.23		6/30/2002			
W0215-179	0.89		6/30/2002	0.85		7/18/2002
W0215-181	0.69		6/30/2002	0.54		7/18/2002
W0215-182	0.21		6/30/2002			
W0215-183	0.22		6/30/2002			
W0215-184	4.67		6/30/2002	4.67		7/18/2002
W0215-185	0.14		6/30/2002			
W0215-186	0.16		6/30/2002			
W0215-187	0.19	0.13	6/30/2002			
W0215-188	0.36		6/30/2002			
W0215-189	0.21		6/30/2002			
W0215-190	0.51		6/30/2002			
W0215-191	0.73		6/30/2002	0.71		7/18/2002
W0215-192	0.26		7/2/2002			
W0215-193	0.21		7/2/2002			
W0215-194	0.54		7/2/2002			
W0215-195	0.15		7/2/2002			
W0215-196	0.39		7/2/2002			
W0215-197	0.33		7/2/2002			

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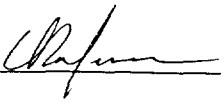
TAG NUMBER	Au1	Au1R (LAB Repeat)	Date	Au2 (Geol. repeat)	Au2R (LAB Repeat)	Date
W0215-198	0.27		7/2/2002			
W0215-199	0.07		7/2/2002			
W0215-201	0.33		7/2/2002			
W0215-202	0.21		7/2/2002			
W0215-203	0.13		7/2/2002			
W0215-204	0.14		7/2/2002			
W0215-205	0.21		7/2/2002			
W0215-206	0.11		7/2/2002			
W0215-207	0.16		7/2/2002			
W0215-208	0.33		7/2/2002			
W0215-209	0.37	0.32	7/2/2002			
W0215-210	0.49		7/2/2002			
W0215-211	0.19		7/2/2002			
W0215-212	0.18		7/2/2002			
W0215-213	0.12		7/2/2002			
W0215-214	0.31		7/2/2002			
W0215-215	0.25		7/2/2002			
W0215-216	0.69		7/2/2002	0.85		7/18/2002
W0215-217	0.61		7/2/2002	0.74		7/18/2002
W0215-218	0.52		7/2/2002	0.64		7/18/2002
W0215-219	0.18		7/2/2002			
W0215-221	0.26		7/2/2002			
W0215-222	0.33		7/2/2002			
W0215-223	0.35		7/2/2002			
W0215-224	6.52		7/2/2002	7.4		7/18/2002
W0215-225	1.5		7/2/2002	1.33		7/18/2002
W0215-226	1.2		7/2/2002	1.17		7/18/2002
W0215-227	0.15	0.16	7/2/2002			

Certified By: 

HOLE	TAG NUMBER	FROM	TO	Au1	Au1R (LAB Repeat)	Au2	Au2R (GEOL Repeat)
W0215	W0215-001	5.45	6	0.01			
W0215	W0215-002	6	7	0.01			
W0215	W0215-003	7	8	0.01			
W0215	W0215-004	8	9	0.06			
W0215	W0215-005	9	10	0.01			
W0215	W0215-006	10	11	0.01	0.03		
W0215	W0215-007	11	12	0.01			
W0215	W0215-008	12	12.7	0.01			
W0215	W0215-009	12.7	13.33	0.01			
W0215	W0215-010	13.33	14.2	0.01			
W0215	W0215-011	14.2	15.14	0.01			
W0215	W0215-012	15.14	16	0.01			
W0215	W0215-013	16	17	0.01			
W0215	W0215-014	17	18	0.01			
W0215	W0215-015	18	19	0.01	0.01		
W0215	W0215-016	19	20	0.03			
W0215	W0215-017	20	21	0.05			
W0215	W0215-018	21	22	0.05			
W0215	W0215-019	22	23	0.03			
W0215	W0215-021	23	24	0.02			
W0215	W0215-022	24	24.44	0.01			
W0215	W0215-023	24.44	25	0.01			
W0215	W0215-024	25	26	0.01			
W0215	W0215-025	26	27	0.02			
W0215	W0215-026	27	28	0.02			
W0215	W0215-027	28	29	0.02			
W0215	W0215-028	29	30	0.01			
W0215	W0215-029	30	31	0.02			
W0215	W0215-030	31	32	0.03			
W0215	W0215-031	32	33	0.01			
W0215	W0215-032	33	34	0.02			
W0215	W0215-033	34	34.9	0.01			
W0215	W0215-034	34.9	35.29	0.01			
W0215	W0215-035	35.29	36	0.01	0.01		
W0215	W0215-036	36	37	0.03			
W0215	W0215-037	37	38	0.01			
W0215	W0215-038	38	39	0.01			
W0215	W0215-039	39	40	0.01			
W0215	W0215-041	40	40.45	0.03			
W0215	W0215-042	40.45	41	0.03			
W0215	W0215-043	41	42	0.01			
W0215	W0215-044	42	43	0.01			
W0215	W0215-045	43	44	0.01			
W0215	W0215-046	44	45	0.01			
W0215	W0215-047	45	46	0.01			
W0215	W0215-048	46	47	0.03			
W0215	W0215-049	47	48	0.01			
W0215	W0215-050	48	49	0.01			
W0215	W0215-051	49	50	0.01			

HOLE	TAG NUMBER	FROM	TO	Au1	Au1R (LAB Repeat)	Au2	Au2R (GEOL Repeat)
W0215	W0215-052	50	51	0.02			
W0215	W0215-053	51	52	0.04			
W0215	W0215-054	52	53	0.02			
W0215	W0215-055	53	54	0.03			
W0215	W0215-056	54	55	0.01			
W0215	W0215-057	55	56	0.01			
W0215	W0215-058	56	57	0.01			
W0215	W0215-059	57	58	0.01			
W0215	W0215-061	58	59	0.03			
W0215	W0215-062	59	60	0.01			
W0215	W0215-063	60	61	0.01			
W0215	W0215-064	61	62	0.01	0.01		
W0215	W0215-065	62	63	0.02			
W0215	W0215-066	63	64	0.01			
W0215	W0215-067	64	65	0.02			
W0215	W0215-068	65	66	0.01			
W0215	W0215-069	66	67	0.03			
W0215	W0215-070	67	68	0.02			
W0215	W0215-071	68	69	0.03			
W0215	W0215-072	69	70	0.01			
W0215	W0215-073	70	71	0.02			
W0215	W0215-074	71	72	0.02			
W0215	W0215-075	72	72.79	0.02			
W0215	W0215-076	72.79	73.8	0.03			
W0215	W0215-077	73.8	74.9	0.03			
W0215	W0215-078	74.9	76	0.02			
W0215	W0215-079	76	77	0.02			
W0215	W0215-081	77	78	0.05			
W0215	W0215-082	78	79	0.01			
W0215	W0215-083	79	80	0.01			
W0215	W0215-084	80	81	0.02			
W0215	W0215-085	81	82	0.03	0.03		
W0215	W0215-086	82	83	0.04			
W0215	W0215-087	83	84	0.02			
W0215	W0215-088	84	84.9	0.07			
W0215	W0215-089	84.9	86	0.11			
W0215	W0215-090	86	87	0.02			
W0215	W0215-091	87	88	0.06			
W0215	W0215-092	88	89	0.05			
W0215	W0215-093	89	90	0.03			
W0215	W0215-094	90	91	0.01			
W0215	W0215-095	91	92	0.02			
W0215	W0215-096	92	93	0.09			
W0215	W0215-097	93	94	0.07			
W0215	W0215-098	94	95	0.04			
W0215	W0215-099	95	96	0.03			
W0215	W0215-101	96	97	0.04			
W0215	W0215-102	97	98	0.01	0.01		
W0215	W0215-103	98	99	0.01			

HOLE	TAG NUMBER	FROM	TO	Au1	Au1R (LAB Repeat)	Au2	Au2R (GEOL Repeat)
W0215	W0215-104	99	100	0.01			
W0215	W0215-105	100	101	0.01			
W0215	W0215-106	101	102	0.01			
W0215	W0215-107	102	103	0.01			
W0215	W0215-108	103	104	0.01			
W0215	W0215-109	104	105	0.01			
W0215	W0215-110	105	106	0.01			
W0215	W0215-111	106	107	0.01			
W0215	W0215-112	107	108	0.01			
W0215	W0215-113	108	109	0.01			
W0215	W0215-114	109	110	0.01			
W0215	W0215-115	110	111	0.01			
W0215	W0215-116	111	112	0.01			
W0215	W0215-117	112	113	0.01			
W0215	W0215-118	113	114	0.01			
W0215	W0215-119	114	115	0.01			
W0215	W0215-121	115	116	0.01			
W0215	W0215-122	116	117	0.06			
W0215	W0215-123	117	118	0.07			
W0215	W0215-124	118	119	0.01			
W0215	W0215-125	119	120	0.01			
W0215	W0215-126	120	121	0.01			
W0215	W0215-127	121	122	0.09			
W0215	W0215-128	122	123	0.02			
W0215	W0215-129	123	124	0.01			
W0215	W0215-130	124	125	0.01			
W0215	W0215-131	125	126	0.06			
W0215	W0215-132	126	127	0.02			
W0215	W0215-133	127	128	0.36		0.35	0.32
W0215	W0215-134	128	129	0.32		0.23	0.12
W0215	W0215-135	129	130	0.07			
W0215	W0215-136	130	131	0.05			
W0215	W0215-137	131	132	0.05	0.07		
W0215	W0215-138	132	133	0.19			
W0215	W0215-139	133	134	0.09			
W0215	W0215-141	134	135	0.05			
W0215	W0215-142	135	136	0.24		0.35	0.67
W0215	W0215-143	136	137	0.07			
W0215	W0215-144	137	138	0.03			
W0215	W0215-145	138	138.86	0.02			
W0215	W0215-146	138.86	139.8	0.01		0.03	
W0215	W0215-147	139.8	140.8	0.06			
W0215	W0215-148	140.8	141.8	1.58			0.89
W0215	W0215-149	141.8	142.8	0.57	0.6		
W0215	W0215-150	142.8	143.76	0.11			
W0215	W0215-151	143.76	144.8	0.24			
W0215	W0215-152	144.8	146	0.29			
W0215	W0215-153	146	147	0.61		0.74	0.53
W0215	W0215-154	147	148	0.58		0.53	0.51

HOLE	TAG NUMBER	FROM	TO	Au1	Au1R (LAB Repeat)	Au2	Au2R (GEOL Repeat)
W0215	W0215-155	148	149	3.09		2.7	2.61
W0215	W0215-156	149	150	0.42			
W0215	W0215-157	150	151	0.29			
W0215	W0215-158	151	152	0.32	0.52		
W0215	W0215-159	152	153	0.52			
W0215	W0215-161	153	154	0.93		1.81	1.03
W0215	W0215-162	154	155	0.29		0.3	0.24
W0215	W0215-163	155	156	1.33		1.36	1.04
W0215	W0215-164	156	157	1.2		1.62	1.11
W0215	W0215-165	157	158	0.6		0.47	0.69
W0215	W0215-166	158	159	1.59		2.02	1.79
W0215	W0215-167	159	160	0.69		0.76	0.95
W0215	W0215-168	160	161	1.33		1.91	1.41
W0215	W0215-169	161	162	0.99		1.19	1.32
W0215	W0215-170	162	162.6	0.17			
W0215	W0215-171	162.6	163	0.3			
W0215	W0215-172	163	164	0.42			
W0215	W0215-173	164	165	0.36			
W0215	W0215-174	165	166	0.32			
W0215	W0215-175	166	167	0.38			
W0215	W0215-176	167	168	0.34			
W0215	W0215-177	168	169	0.13			
W0215	W0215-178	169	169.64	0.23			
W0215	W0215-179	169.64	170	0.89		0.85	
W0215	W0215-181	170	171	0.69		0.54	
W0215	W0215-182	171	172	0.21			
W0215	W0215-183	172	173	0.22			
W0215	W0215-184	173	174	4.67		4.67	
W0215	W0215-185	174	175	0.14			
W0215	W0215-186	175	176	0.16			
W0215	W0215-187	176	177	0.19	0.13		
W0215	W0215-188	177	178	0.36			
W0215	W0215-189	178	179	0.21			
W0215	W0215-190	179	180	0.51			
W0215	W0215-191	180	181	0.73		0.71	
W0215	W0215-192	181	182	0.26			
W0215	W0215-193	182	183	0.21			
W0215	W0215-194	183	184	0.54			
W0215	W0215-195	184	185	0.15			
W0215	W0215-196	185	186	0.39			
W0215	W0215-197	186	186.6	0.33			
W0215	W0215-198	186.6	187.16	0.27			
W0215	W0215-199	187.16	187.57	0.07			
W0215	W0215-201	187.57	188	0.33			
W0215	W0215-202	188	188.43	0.21			
W0215	W0215-203	188.43	188.86	0.13			
W0215	W0215-204	188.86	189.29	0.14			
W0215	W0215-205	189.29	189.72	0.21			
W0215	W0215-206	189.72	190.15	0.11			

HOLE	TAG NUMBER	FROM	TO	Au1	Au1R (LAB Repeat)	Au2	Au2R (GEOL Repeat)
W0215	W0215-207	190.15	190.58	0.16			
W0215	W0215-208	190.58	194.7	0.33			
W0215	W0215-209	194.7	195.18	0.37	0.32		
W0215	W0215-210	195.18	196	0.49			
W0215	W0215-211	196	197	0.19			
W0215	W0215-212	197	198	0.18			
W0215	W0215-213	198	199	0.12			
W0215	W0215-214	199	200	0.31			
W0215	W0215-215	200	201	0.25			
W0215	W0215-216	201	202	0.69		0.85	
W0215	W0215-217	202	203	0.61		0.74	
W0215	W0215-218	203	204	0.52		0.64	
W0215	W0215-219	204	205	0.18			
W0215	W0215-221	205	206	0.26			
W0215	W0215-222	206	207	0.33			
W0215	W0215-223	207	208	0.35			
W0215	W0215-224	208	209	6.52		7.4	
W0215	W0215-225	209	210	1.5		1.33	
W0215	W0215-226	210	211	1.2		1.17	
W0215	W0215-227	211	211.9	0.15	0.16		

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TAG NUMBER	Au1	Au1R (LAB Repeat)	DATE	Au2	Au2R (GEOL Repeat)	Au3 (Second Pulp)	DATE
W0220-001	0		6/16/2002				
W0220-002	0.1		6/16/2002				
W0220-003	0.11		6/16/2002				
W0220-004	0.07		6/16/2002				
W0220-005	0.12		6/16/2002				
W0220-006	0.07		6/16/2002				
W0220-007	0.09		6/16/2002				
W0220-008	0.14	0.15	6/16/2002				
W0220-009	0.12		6/16/2002				
W0220-010	0.06		6/16/2002				
W0220-011	0.04		6/16/2002				
W0220-012	0.24		6/16/2002				
W0220-013	0.32		6/16/2002				
W0220-014	0.23		6/16/2002				
W0220-015	0.1		6/16/2002				
W0220-016	0.05		6/16/2002				
W0220-017	0.06		6/16/2002				
W0220-018	0.15		6/16/2002				
W0220-019	0.12		6/16/2002				
W0220-021	0.18		6/16/2002				
W0220-022	0.6		6/16/2002	0.61		0.63	7/21/2002
W0220-023	0.48		6/16/2002	0.59		0.61	7/21/2002
W0220-024	0.19		6/16/2002				
W0220-025	0.32		6/16/2002				
W0220-026	0.43	0.43	6/16/2002				
W0220-027	3.95		6/16/2002	4.25		4.49	7/21/2002
W0220-028	0.93		6/16/2002	0.99		1.06	7/21/2002
W0220-029	0.27		6/16/2002				
W0220-030	0.61		6/16/2002	0.77		0.74	7/21/2002
W0220-031	0.41		6/16/2002				
W0220-032	0.18		6/16/2002				
W0220-033	0.61		6/16/2002	0.67		0.75	7/21/2002
W0220-034	0.24		6/16/2002				
W0220-035	0.22		6/16/2002				
W0220-036	0.22		6/16/2002				
W0220-037	0.29		6/16/2002				
W0220-038	0.12		6/16/2002				
W0220-039	0.2		6/16/2002				
W0220-041	0.08		6/16/2002				
W0220-042	0.12		6/16/2002				
W0220-043	0.22	0.22	6/16/2002				
W0220-044	0.1		6/16/2002				
W0220-045	0.11		6/16/2002				
W0220-046	0.71		6/16/2002				
W0220-047	0.09		6/16/2002				
W0220-048	0.11		6/16/2002				
W0220-049	0.04	0.04	6/16/2002				

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TAG NUMBER	Au1	Au1R (LAB Repeat)	DATE	Au2	Au2R (GEOL Repeat)	Au3 (Second Pulp)	DATE
W0220-050	0.04		6/16/2002				
W0220-051	0.1		6/16/2002				
W0220-052	0.05		6/16/2002				
W0220-053	0.12		6/16/2002				
W0220-054	0.18		6/16/2002				
W0220-055	0.14		6/16/2002				
W0220-056	0.16		6/16/2002				
W0220-057	0.58		6/16/2002				
W0220-058	0.62		6/16/2002				
W0220-059	0.78		6/16/2002	5.17		0.91	7/21/2002
W0220-061	0.31		6/16/2002				
W0220-062	0.79		6/16/2002	0.93		1.08	7/21/2002
W0220-063	0.24		6/16/2002				
W0220-064	0.19		6/16/2002				
W0220-065	0.21		6/16/2002				
W0220-066	1.43		6/16/2002	0.92		1.48	7/21/2002
W0220-067	0.57		6/16/2002				
W0220-068	0.46		6/16/2002				
W0220-069	3.2		6/16/2002	1.62		3.84	7/21/2002
W0220-070	0.14		6/16/2002				
W0220-071	0.22	0.22	6/16/2002				
W0220-072	0.22		6/16/2002				
W0220-073	0.17		6/16/2002				
W0220-074	1.11		6/16/2002	3.51		1.3	7/21/2002
W0220-075	0.12	0.12	6/16/2002				
W0220-076	0.25		6/16/2002				
W0220-077	0.27		6/16/2002				
W0220-078	5.24		6/16/2002	1.26		4.55	7/21/2002
W0220-079	1.06		6/16/2002	1.38		1.16	7/21/2002
W0220-081	2.78	2.78	6/16/2002				
W0220-082	0.11		6/16/2002				
W0220-083	0.32		6/16/2002				
W0220-084	0.52		6/16/2002				
W0220-085	0.61		6/16/2002				
W0220-086	0.18		6/16/2002				
W0220-087	0.47	0.49	6/16/2002				
W0220-088	0.43		6/16/2002				
W0220-089	1.3		6/16/2002			1.35	7/21/2002
W0220-090	0.33		6/16/2002				
W0220-091	0.12		6/16/2002				
W0220-092	0.07		6/16/2002				
W0220-093	0.28		6/16/2002				
W0220-094	1.06		6/16/2002				
W0220-095	0.45		6/16/2002				
W0220-096	4.91		6/16/2002	5.68		6.03	7/21/2002
W0220-097	0.62		6/16/2002				
W0220-098	0.1		6/16/2002				

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TAG NUMBER	Au1	Au1R (LAB Repeat)	DATE	Au2	Au2R (GEOL Repeat)	Au3 (Second Pulp)	DATE
W0220-099	0.1		6/16/2002				
W0220-101	0.06		6/16/2002				
W0220-102	0.08		6/16/2002				
W0220-103	0.36		6/16/2002				
W0220-104	0.06		6/16/2002				
W0220-105	0.07	0.08	6/16/2002				
W0220-106	0.04		6/16/2002				
W0220-107	0.35		6/16/2002				
W0220-108	0.52		6/16/2002			0.52	7/21/2002
W0220-109	0.38		6/16/2002				
W0220-110	0.23		6/16/2002				
W0220-111	0.4		6/16/2002				
W0220-112	0.28		6/16/2002				
W0220-113	0.27		6/16/2002				
W0220-114	26.4		6/16/2002	27.94		33.66	7/21/2002
W0220-115	4.02		6/16/2002	4.07		4.4	7/21/2002
W0220-116	0.18		6/16/2002				
W0220-117	0.22		6/16/2002				
W0220-118	0.11		6/16/2002				
W0220-119	2.57		6/16/2002	2.72	2.75	3.14	7/21/2002
W0220-121	0.03		6/16/2002				
W0220-122	0.06		6/16/2002				
W0220-123	0.02	0.02	6/16/2002				
W0220-124	0.18		6/16/2002				
W0220-125	0.53		6/16/2002				
W0220-126	0.12		6/16/2002				
W0220-127	0.19		6/16/2002				
W0220-128	0.89		6/16/2002				
W0220-129	0.15		6/16/2002				
W0220-130	0.11		6/16/2002				
W0220-131	0.29		6/16/2002				
W0220-132	0.4		6/16/2002				
W0220-133	0.21		6/16/2002				
W0220-134	0.12		6/16/2002				
W0220-135	0.94		6/16/2002			1.15	7/21/2002
W0220-136	0.16		6/16/2002				
W0220-137	0.31		6/16/2002				
W0220-138	3.28		6/16/2002			6.44	7/21/2002
W0220-139	0.08		6/16/2002				
W0220-141	0.29		6/16/2002				
W0220-142	0.13	0.13	6/16/2002				
W0220-143	0.38		6/16/2002				
W0220-144	0.24		6/16/2002				
W0220-145	0.03		6/16/2002				
W0220-146	0.01		6/16/2002				
W0220-147	0.47		6/16/2002				
W0220-148	0.02		6/16/2002				

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TAG NUMBER	Au1	Au1R (LAB Repeat)	DATE	Au2	Au2R (GEOL Repeat)	Au3 (Second Pulp)	DATE
W0220-149	0.01		6/16/2002				
W0220-150	0.02		6/16/2002				
W0220-151	0.06		6/16/2002				
W0220-152	0.09		6/16/2002				
W0220-153	0.09		6/16/2002				
W0220-154	0.11		6/16/2002				
W0220-155	0.12		6/16/2002				
W0220-156	0.21		6/16/2002				
W0220-157	0.13		6/16/2002				
W0220-158	0.03		6/16/2002				
W0220-159	0.01	0.06	6/16/2002				
W0220-161	0.02		6/16/2002				
W0220-162	0.07		6/16/2002				
W0220-163	0.01		6/16/2002				
W0220-164	0.02		6/16/2002				
W0220-165	0.01		6/16/2002				
W0220-166	0.15		6/16/2002				
W0220-167	0.04		6/16/2002				
W0220-168	0.04		6/16/2002				
W0220-169	0.07		6/16/2002				
W0220-170	0.12		6/16/2002				
W0220-171	0.01		6/16/2002				
W0220-172	0.02		6/16/2002				
W0220-173	0.82		6/16/2002				

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HOLE	TAG NUMBER	FROM	TO	Au1	Au1R (LAB Repeat)	Au2	Au2R (GEOL Repeat)	Au3 (Second Pulp)
W0220	W0220-001	0	1	0				
W0220	W0220-002	1	2	0.1				
W0220	W0220-003	2	3	0.11				
W0220	W0220-004	3	4	0.07				
W0220	W0220-005	4	5	0.12				
W0220	W0220-006	5	6	0.07				
W0220	W0220-007	6	7	0.09				
W0220	W0220-008	7	8	0.14	0.15			
W0220	W0220-009	8	9	0.12				
W0220	W0220-010	9	10	0.06				
W0220	W0220-011	10	11	0.04				
W0220	W0220-012	11	12	0.24				
W0220	W0220-013	12	13	0.32				
W0220	W0220-014	13	14	0.23				
W0220	W0220-015	14	15	0.1				
W0220	W0220-016	15	16	0.05				
W0220	W0220-017	16	17	0.06				
W0220	W0220-018	17	18	0.15				
W0220	W0220-019	18	18.6	0.12				
W0220	W0220-021	18.6	19	0.18				
W0220	W0220-022	19	20	0.6		0.61		0.63
W0220	W0220-023	20	21	0.48		0.59		0.61
W0220	W0220-024	21	22	0.19				
W0220	W0220-025	22	23	0.32				
W0220	W0220-026	23	24	0.43	0.43			
W0220	W0220-027	24	25	3.95		4.25		4.49
W0220	W0220-028	25	26	0.93		0.99		1.06
W0220	W0220-029	26	27	0.27				
W0220	W0220-030	27	28	0.61		0.77		0.74
W0220	W0220-031	28	29	0.41				
W0220	W0220-032	29	30	0.18				
W0220	W0220-033	30	31	0.61		0.67		0.75
W0220	W0220-034	31	32	0.24				
W0220	W0220-035	32	33	0.22				
W0220	W0220-036	33	34	0.22				
W0220	W0220-037	34	35	0.29				
W0220	W0220-038	35	36	0.12				
W0220	W0220-039	36	37	0.2				
W0220	W0220-041	37	38	0.08				
W0220	W0220-042	38	39	0.12				
W0220	W0220-043	39	40	0.22	0.22			
W0220	W0220-044	40	41	0.1				
W0220	W0220-045	41	42	0.11				
W0220	W0220-046	42	43	0.71				
W0220	W0220-047	43	44	0.09				
W0220	W0220-048	44	45	0.11				
W0220	W0220-049	45	46	0.04	0.04			
W0220	W0220-050	46	47	0.04				
W0220	W0220-051	47	48	0.1				

HOLE	TAG NUMBER	FROM	TO	Au1	Au1R (LAB Repeat)	Au2	Au2R (GEOL Repeat)	Au3 (Second Pulp)
W0220	W0220-052	48	49	0.05				
W0220	W0220-053	49	50	0.12				
W0220	W0220-054	50	51	0.18				
W0220	W0220-055	51	52	0.14				
W0220	W0220-056	52	53	0.16				
W0220	W0220-057	53	54	0.58				
W0220	W0220-058	54	55	0.62				
W0220	W0220-059	55	56	0.78		5.17		0.91
W0220	W0220-061	56	57	0.31				
W0220	W0220-062	57	58	0.79		0.93		1.08
W0220	W0220-063	58	59	0.24				
W0220	W0220-064	59	60	0.19				
W0220	W0220-065	60	61	0.21				
W0220	W0220-066	61	62	1.43		0.92		1.48
W0220	W0220-067	62	63	0.57				
W0220	W0220-068	63	63.9	0.46				
W0220	W0220-069	63.9	65	3.2		1.62		3.84
W0220	W0220-070	65	66	0.14				
W0220	W0220-071	66	67	0.22	0.22			
W0220	W0220-072	67	68	0.22				
W0220	W0220-073	68	69	0.17				
W0220	W0220-074	69	70	1.11		3.51		1.3
W0220	W0220-075	70	71	0.12	0.12			
W0220	W0220-076	71	71.55	0.25				
W0220	W0220-077	71.55	71.87	0.27				
W0220	W0220-078	71.87	73	5.24		1.26		4.55
W0220	W0220-079	73	74	1.06		1.38		1.16
W0220	W0220-081	74	75	2.78	2.78			
W0220	W0220-082	75	76	0.11				
W0220	W0220-083	76	77	0.32				
W0220	W0220-084	77	78	0.52				
W0220	W0220-085	78	79	0.61				
W0220	W0220-086	79	80	0.18				
W0220	W0220-087	80	81	0.47	0.49			
W0220	W0220-088	81	82	0.43				
W0220	W0220-089	82	82.6	1.3				1.35
W0220	W0220-090	82.6	83.26	0.33				
W0220	W0220-091	83.26	84	0.12				
W0220	W0220-092	84	84.4	0.07				
W0220	W0220-093	84.4	85	0.28				
W0220	W0220-094	85	86	1.06				
W0220	W0220-095	86	86.34	0.45				
W0220	W0220-096	86.34	87	4.91		5.68		6.03
W0220	W0220-097	87	88	0.62				
W0220	W0220-098	88	88.7	0.1				
W0220	W0220-099	88.7	89.42	0.1				
W0220	W0220-101	89.42	90	0.06				
W0220	W0220-102	90	91	0.08				
W0220	W0220-103	91	91.6	0.36				

HOLE	TAG NUMBER	FROM	TO	Au1	Au1R (LAB Repeat)	Au2	Au2R (GEOL Repeat)	Au3 (Second Pulp)
W0220	W0220-104	91.6	91.92	0.06				
W0220	W0220-105	91.92	93	0.07	0.08			
W0220	W0220-106	93	94.05	0.04				
W0220	W0220-107	94.05	94.7	0.35				
W0220	W0220-108	94.7	95.25	0.52				0.52
W0220	W0220-109	95.25	96	0.38				
W0220	W0220-110	96	97	0.23				
W0220	W0220-111	97	98	0.4				
W0220	W0220-112	98	99	0.28				
W0220	W0220-113	99	100	0.27				
W0220	W0220-114	100	101	26.4		27.94		33.66
W0220	W0220-115	101	101.5	4.02		4.07		4.4
W0220	W0220-116	101.5	102	0.18				
W0220	W0220-117	102	103	0.22				
W0220	W0220-118	103	104	0.11				
W0220	W0220-119	104	105	2.57		2.72	2.75	3.14
W0220	W0220-121	105	106	0.03				
W0220	W0220-122	106	107	0.06				
W0220	W0220-123	107	107.85	0.02	0.02			
W0220	W0220-124	107.85	108.5	0.18				
W0220	W0220-125	108.5	109.16	0.53				
W0220	W0220-126	109.16	110	0.12				
W0220	W0220-127	110	111	0.19				
W0220	W0220-128	111	112	0.89				
W0220	W0220-129	112	113	0.15				
W0220	W0220-130	113	114	0.11				
W0220	W0220-131	114	114.6	0.29				
W0220	W0220-132	114.6	115.06	0.4				
W0220	W0220-133	115.06	116	0.21				
W0220	W0220-134	116	117	0.12				
W0220	W0220-135	117	118	0.94				1.15
W0220	W0220-136	118	119	0.16				
W0220	W0220-137	119	120	0.31				
W0220	W0220-138	120	121	3.28				6.44
W0220	W0220-139	121	122	0.08				
W0220	W0220-141	122	123	0.29				
W0220	W0220-142	123	124	0.13	0.13			
W0220	W0220-143	124	125	0.38				
W0220	W0220-144	125	126	0.24				
W0220	W0220-145	126	127	0.03				
W0220	W0220-146	127	128	0.01				
W0220	W0220-147	128	129	0.47				
W0220	W0220-148	129	130	0.02				
W0220	W0220-149	130	131	0.01				
W0220	W0220-150	131	132	0.02				
W0220	W0220-151	132	133	0.06				
W0220	W0220-152	133	134	0.09				
W0220	W0220-153	134	135	0.09				
W0220	W0220-154	135	136	0.11				

HOLE	TAG NUMBER	FROM	TO	Au1	Au1R (LAB Repeat)	Au2	Au2R (GEOL Repeat)	Au3 (Second Pulp)
W0220	W0220-155	136	137	0.12				
W0220	W0220-156	137	137.4	0.21				
W0220	W0220-157	137.4	138	0.13				
W0220	W0220-158	138	139	0.03				
W0220	W0220-159	139	140	0.01	0.06			
W0220	W0220-161	140	141	0.02				
W0220	W0220-162	141	142	0.07				
W0220	W0220-163	142	143	0.01				
W0220	W0220-164	143	144	0.02				
W0220	W0220-165	144	145	0.01				
W0220	W0220-166	145	146	0.15				
W0220	W0220-167	146	146.7	0.04				
W0220	W0220-168	146.7	147.67	0.04				
W0220	W0220-169	147.67	148.4	0.07				
W0220	W0220-170	148.4	149	0.12				
W0220	W0220-171	149	150	0.01				
W0220	W0220-172	150	151	0.02				
W0220	W0220-173	151	152.02	0.82				

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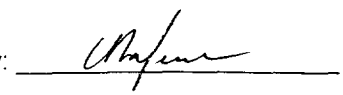
TAG NUMBER	Au1	Au1R (LAB Repeat)	DATE	Au2	Au2R (GEOL Repeat)	DATE
W0213-001	0.09	0.09	6/10/2002			
W0213-002	0.03		6/10/2002			
W0213-003	0.04		6/10/2002			
W0213-004	0.04		6/10/2002			
W0213-005	0.04		6/10/2002			
W0213-006	0.06		6/10/2002			
W0213-007	0.06		6/10/2002			
W0213-008	0.06		6/10/2002			
W0213-009	0.09		6/10/2002			
W0213-010	0.05		6/10/2002			
W0213-011	0.04		6/10/2002			
W0213-012	0.03		6/10/2002			
W0213-013	0.04		6/10/2002			
W0213-014	0.04		6/10/2002			
W0213-015	0.04		6/10/2002			
W0213-016	0.04		6/10/2002			
W0213-017	0.03		6/10/2002			
W0213-018	0.12		6/10/2002			
W0213-019	0.07		6/10/2002			
W0213-021	0.14		6/10/2002			
W0213-022	0.05		6/10/2002			
W0213-023	0.04		6/10/2002	0.04		6/10/2002
W0213-024	0.06		6/10/2002			
W0213-025	0.04		6/10/2002			
W0213-026	0.04	0.17	6/10/2002			
W0213-027	0.05	0.06	6/10/2002			
W0213-028	0.04		6/10/2002			
W0213-029	0.05		6/10/2002			
W0213-030	0.21		6/10/2002			
W0213-031	5.28		6/10/2002	7.42		7/21/2002
W0213-032	1.71		6/10/2002	2.24		7/20/2002
W0213-033	0.4		6/10/2002			
W0213-034	1.81		6/10/2002	0.9		7/20/2002
W0213-035	0.29		6/10/2002			
W0213-036	0.12		6/10/2002			
W0213-037	0.19		6/10/2002			
W0213-038	0.1		6/10/2002			
W0213-039	0.12		6/10/2002			
W0213-041	0.23		6/10/2002			
W0213-042	0.87		6/10/2002			
W0213-043	0.16		6/10/2002			
W0213-044	0.39		6/10/2002			
W0213-045	0.22		6/10/2002			
W0213-046	0.19		6/10/2002			
W0213-047	0.14		6/10/2002			
W0213-048	0.15		6/10/2002			
W0213-049	1.23		6/10/2002			

Certified By: 

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TAG NUMBER	Au1	Au1R (LAB Repeat)	DATE	Au2	Au2R (GEOL Repeat)	DATE
W0213-050	0.06		6/10/2002			
W0213-051	0.17		6/10/2002			
W0213-052	0.07		6/10/2002			
W0213-053	0.09		6/10/2002			
W0213-054	0.07		6/10/2002			
W0213-055	0.1		6/10/2002			
W0213-056	0.31		6/10/2002			
W0213-057	0.11		6/10/2002			
W0213-058	0.34		6/10/2002			
W0213-059	0.69		6/10/2002			
W0213-061	0.29		6/10/2002			
W0213-062	0.49	0.47	6/10/2002			
W0213-063	0.33		6/10/2002			
W0213-064	0.17		6/10/2002			
W0213-065	0.1	0.1	6/10/2002			
W0213-066	0.08		6/10/2002			
W0213-067	0.27		6/10/2002			
W0213-068	0.16		6/10/2002			
W0213-069	0.1		6/10/2002			
W0213-070	0.07		6/10/2002			
W0213-071	0.1		6/10/2002			
W0213-072	0.27		6/10/2002			
W0213-073	0.59		6/10/2002			
W0213-074	0.2		6/10/2002			
W0213-075	0.04		6/10/2002			
W0213-076	0.09		6/10/2002			
W0213-077	0.29		6/10/2002			
W0213-078	0.09		6/10/2002			
W0213-079	0.13		6/10/2002			
W0213-081	0.71		6/10/2002	0.76		7/20/2002
W0213-082	0.19		6/10/2002			
W0213-083	0.65		6/10/2002			
W0213-084	0.48		6/10/2002			
W0213-085	0.33		6/10/2002			
W0213-086	1.22		6/10/2002	0.9		7/20/2002
W0213-087	0.27		6/10/2002			
W0213-088	0.14		6/10/2002			
W0213-089	0.26		6/10/2002			
W0213-090	0.24		6/10/2002			
W0213-091	0.25		6/10/2002			
W0213-092	0.14		6/10/2002			
W0213-093	0.07		6/10/2002			
W0213-094	0.07		6/10/2002			
W0213-095	0.16		6/10/2002			
W0213-096	0.62		6/10/2002			
W0213-097	0.19		6/10/2002			
W0213-098	0.19	0.2	6/10/2002			

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TAG NUMBER	Au1	Au1R (LAB Repeat)	DATE	Au2	Au2R (GEOL Repeat)	DATE
W0213-099	0.3		6/10/2002			
W0213-101	0.31		6/10/2002			
W0213-102	0.2		6/10/2002			
W0213-103	0.93		6/10/2002	0.98		7/20/2002
W0213-104	1.5		6/10/2002	1.79		7/20/2002
W0213-105	0.6		6/10/2002			
W0213-106	0.1		6/10/2002			
W0213-107	0.07		6/10/2002			
W0213-108	0.08		6/10/2002			
W0213-109	0.15	0.15	6/10/2002			
W0213-110	0.12		6/10/2002			
W0213-111	0.21		6/10/2002			
W0213-112	0.09		6/10/2002			
W0213-113	0.35		6/10/2002			
W0213-114	0.23		6/10/2002			
W0213-115	0.31		6/10/2002			
W0213-116	0.85		6/10/2002			
W0213-117	0.33		6/10/2002			
W0213-118	0.38		6/10/2002			
W0213-119	2.47		6/10/2002			
W0213-121	0.55		6/10/2002			
W0213-122	86.75		6/10/2002			
W0213-123	0.49		6/10/2002			
W0213-124	0.38		6/10/2002			
W0213-125	6.05		6/10/2002			
W0213-126	0.43		6/10/2002			
W0213-127	0.74		6/10/2002			
W0213-128	0.73		6/10/2002			
W0213-129	3.3		6/10/2002			
W0213-130	1.49		6/10/2002			
W0213-131	0.36		6/10/2002			
W0213-132	0.61		6/10/2002			
W0213-133	3.51		6/10/2002			
W0213-134	18.34	20.18	6/10/2002			
W0213-135	1646.32	1609.96	6/10/2002			
W0213-136	1.3		6/10/2002	1.2		7/20/2002
W0213-137	0.35		6/10/2002			
W0213-138	0.2		6/10/2002			
W0213-139	0.15		6/10/2002			
W0213-141	0.66		6/10/2002			
W0213-142	0.48		6/10/2002			
W0213-143	0.52		6/10/2002			
W0213-144	0.23		6/10/2002			
W0213-145	0.17		6/10/2002			
W0213-146	0.23		6/10/2002			
W0213-147	0.87		6/10/2002	0.99		7/20/2002
W0213-148	1.19		6/10/2002	1.05		7/20/2002

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TAG NUMBER	Au1	Au1R (LAB Repeat)	DATE	Au2	Au2R (GEOL Repeat)	DATE
W0213-149	0.46		6/10/2002			
W0213-150	0.14		6/10/2002			
W0213-151	0.27		6/10/2002			
W0213-152	0.1		6/10/2002			
W0213-153	0.19		6/10/2002			
W0213-154	0.35		6/10/2002			
W0213-155	0.73		6/10/2002			
W0213-156	0.13		6/10/2002			
W0213-157	0.12		6/10/2002			
W0213-158	0.29		6/10/2002			
W0213-159	0.19		6/10/2002			
W0213-161	0.45		6/10/2002			
W0213-162	0.4		6/10/2002			
W0213-163	0.33		6/10/2002			
W0213-164	1.84		6/10/2002	2.19		7/20/2002
W0213-165	0.27		6/10/2002			
W0213-166	0.19		6/10/2002			
W0213-167	0.2		6/10/2002			
W0213-168	0.72		6/10/2002	0.66		7/20/2002
W0213-169	2.06		6/10/2002	1.8		7/20/2002
W0213-170	0.03	0.04	6/10/2002			
W0213-171	0.1		6/10/2002			
W0213-172	0.09		6/10/2002			
W0213-173	0.08		6/10/2002			
W0213-174	0.09		6/10/2002			
W0213-175	0.09		6/10/2002			
W0213-176	0.05		6/10/2002			
W0213-177	0.05		6/10/2002			
W0213-178	0.04		6/10/2002			
W0213-179	0.06		6/10/2002			
W0213-181	0.26		6/10/2002			
W0213-182	0.09		6/10/2002			
W0213-183	0.22		6/10/2002			
W0213-184	0.35		6/10/2002			
W0213-185	0.15		6/10/2002			
W0213-186	0.09		6/10/2002			
W0213-187	0.23		6/10/2002			
W0213-188	0.63	0.65	6/10/2002			
W0213-189	0.41		6/10/2002			
W0213-190	31.22		6/10/2002	32.71	32.07	7/20/2002
W0213-191	1		6/10/2002			
W0213-192	0.45		6/10/2002			
W0213-193	0.75		6/10/2002			
W0213-194	0.22		6/10/2002			
W0213-195	0.21		6/10/2002			
W0213-196	0.65		6/10/2002			
W0213-197	0.19		6/10/2002			

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TAG NUMBER	Au1	Au1R (LAB Repeat)	DATE	Au2	Au2R (GEOL Repeat)	DATE
W0213-198	0.28		6/10/2002			
W0213-199	0.1		6/10/2002			
W0213-201	0.07		6/10/2002			
W0213-202	0.02		6/10/2002			
W0213-203	0.03		6/10/2002			
W0213-204	0.01		6/10/2002			
W0213-205	0.01		6/10/2002			
W0213-206	0.01	0.01	6/10/2002			
W0213-207	0.15		6/10/2002			
W0213-208	0.08		6/10/2002			
W0213-209	0.32		6/10/2002			
W0213-210	0.05		6/10/2002			
W0213-211	0.81		6/10/2002	0.84		7/20/2002
W0213-212	0.04		6/10/2002			
W0213-213	6.95		6/10/2002	2.54		7/20/2002

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HOLE	TAG NUMBER	FROM	TO	Au1	Au1R (LAB Repeat)	Au2	Au2R (GEOL Repeat)
W0213	W0213-001	0	1	0.09	0.09		
W0213	W0213-002	1	2	0.03			
W0213	W0213-003	2	3	0.04			
W0213	W0213-004	3	4	0.04			
W0213	W0213-005	4	5	0.04			
W0213	W0213-006	5	6	0.06			
W0213	W0213-007	6	7	0.06			
W0213	W0213-008	7	8	0.06			
W0213	W0213-009	8	9	0.09			
W0213	W0213-010	9	10	0.05			
W0213	W0213-011	10	11	0.04			
W0213	W0213-012	11	12	0.03			
W0213	W0213-013	12	13	0.04			
W0213	W0213-014	13	14	0.04			
W0213	W0213-015	14	15	0.04			
W0213	W0213-016	15	16	0.04			
W0213	W0213-017	16	17	0.03			
W0213	W0213-018	17	18	0.12			
W0213	W0213-019	18	19	0.07			
W0213	W0213-021	19	20	0.14			
W0213	W0213-022	20	21	0.05			
W0213	W0213-023	21	22	0.04		0.04	
W0213	W0213-024	22	23	0.06			
W0213	W0213-025	23	24	0.04			
W0213	W0213-026	24	25	0.04	0.17		
W0213	W0213-027	25	26	0.05	0.06		
W0213	W0213-028	26	27	0.04			
W0213	W0213-029	27	28	0.05			
W0213	W0213-030	28	29	0.21			
W0213	W0213-031	29	30	5.28		7.42	
W0213	W0213-032	30	31	1.71		2.24	
W0213	W0213-033	31	32	0.4			
W0213	W0213-034	32	33	1.81		0.9	
W0213	W0213-035	33	34	0.29			
W0213	W0213-036	34	35	0.12			
W0213	W0213-037	35	36	0.19			
W0213	W0213-038	36	37	0.1			
W0213	W0213-039	37	38	0.12			
W0213	W0213-041	38	39	0.23			
W0213	W0213-042	39	40	0.87			
W0213	W0213-043	40	41	0.16			
W0213	W0213-044	41	42	0.39			
W0213	W0213-045	42	43	0.22			
W0213	W0213-046	43	44	0.19			
W0213	W0213-047	44	45	0.14			
W0213	W0213-048	45	46	0.15			
W0213	W0213-049	46	47	1.23			
W0213	W0213-050	47	48	0.06			
W0213	W0213-051	48	49	0.17			

HOLE	TAG NUMBER	FROM	TO	Au1	Au1R (LAB Repeat)	Au2	Au2R (GEOL Repeat)
W0213	W0213-052	49	50	0.07			
W0213	W0213-053	50	51	0.09			
W0213	W0213-054	51	52	0.07			
W0213	W0213-055	52	53	0.1			
W0213	W0213-056	53	54	0.31			
W0213	W0213-057	54	55	0.11			
W0213	W0213-058	55	55.8	0.34			
W0213	W0213-059	55.8	56.5	0.69			
W0213	W0213-061	56.5	57.15	0.29			
W0213	W0213-062	57.15	58	0.49	0.47		
W0213	W0213-063	58	58.9	0.33			
W0213	W0213-064	58.9	60	0.17			
W0213	W0213-065	60	61	0.1	0.1		
W0213	W0213-066	61	62	0.08			
W0213	W0213-067	62	63	0.27			
W0213	W0213-068	63	64	0.16			
W0213	W0213-069	64	65	0.1			
W0213	W0213-070	65	65.45	0.07			
W0213	W0213-071	65.45	66	0.1			
W0213	W0213-072	66	67	0.27			
W0213	W0213-073	67	68	0.59			
W0213	W0213-074	68	69	0.2			
W0213	W0213-075	69	70	0.04			
W0213	W0213-076	70	71	0.09			
W0213	W0213-077	71	72	0.29			
W0213	W0213-078	72	73	0.09			
W0213	W0213-079	73	74	0.13			
W0213	W0213-081	74	75	0.71		0.76	
W0213	W0213-082	75	76	0.19			
W0213	W0213-083	76	77	0.65			
W0213	W0213-084	77	78	0.48			
W0213	W0213-085	78	79	0.33			
W0213	W0213-086	79	80	1.22		0.9	
W0213	W0213-087	80	81	0.27			
W0213	W0213-088	81	81.49	0.14			
W0213	W0213-089	81.49	82	0.26			
W0213	W0213-090	82	82.7	0.24			
W0213	W0213-091	82.7	83.34	0.25			
W0213	W0213-092	83.34	84	0.14			
W0213	W0213-093	84	85	0.07			
W0213	W0213-094	85	86	0.07			
W0213	W0213-095	86	87	0.16			
W0213	W0213-096	87	88	0.62			
W0213	W0213-097	88	88.5	0.19			
W0213	W0213-098	88.5	89	0.19	0.2		
W0213	W0213-099	89	90	0.3			
W0213	W0213-101	90	91	0.31			
W0213	W0213-102	91	92	0.2			
W0213	W0213-103	92	93	0.93		0.98	

HOLE	TAG NUMBER	FROM	TO	Au1	Au1R (LAB Repeat)	Au2	Au2R (GEOL Repeat)
W0213	W0213-104	93	94	1.5		1.79	
W0213	W0213-105	94	95	0.6			
W0213	W0213-106	95	96	0.1			
W0213	W0213-107	96	97	0.07			
W0213	W0213-108	97	98	0.08			
W0213	W0213-109	98	99	0.15	0.15		
W0213	W0213-110	99	100	0.12			
W0213	W0213-111	100	101	0.21			
W0213	W0213-112	101	101.7	0.09			
W0213	W0213-113	101.7	102.28	0.35			
W0213	W0213-114	102.28	103	0.23			
W0213	W0213-115	103	104	0.31			
W0213	W0213-116	104	105	0.85			
W0213	W0213-117	105	106	0.33			
W0213	W0213-118	106	106.6	0.38			
W0213	W0213-119	106.6	107	2.47			
W0213	W0213-121	107	108	0.55			
W0213	W0213-122	108	108.81	86.75			
W0213	W0213-123	108.81	109.16	0.49			
W0213	W0213-124	109.16	110	0.38			
W0213	W0213-125	110	111	6.05			
W0213	W0213-126	111	112	0.43			
W0213	W0213-127	112	113	0.74			
W0213	W0213-128	113	114	0.73			
W0213	W0213-129	114	115	3.3			
W0213	W0213-130	115	116	1.49			
W0213	W0213-131	116	117	0.36			
W0213	W0213-132	117	117.59	0.61			
W0213	W0213-133	117.59	118.3	3.51			
W0213	W0213-134	118.3	118.8	18.34	20.18		
W0213	W0213-135	118.8	119.2	1646.32	1609.96		
W0213	W0213-136	119.2	120	1.3		1.2	
W0213	W0213-137	120	121	0.35			
W0213	W0213-138	121	121.69	0.2			
W0213	W0213-139	121.69	122	0.15			
W0213	W0213-141	122	123.1	0.66			
W0213	W0213-142	123.1	123.7	0.48			
W0213	W0213-143	123.7	124.3	0.52			
W0213	W0213-144	124.3	125	0.23			
W0213	W0213-145	125	125.94	0.17			
W0213	W0213-146	125.94	127	0.23			
W0213	W0213-147	127	127.7	0.87		0.99	
W0213	W0213-148	127.7	128.26	1.19		1.05	
W0213	W0213-149	128.26	129	0.46			
W0213	W0213-150	129	130	0.14			
W0213	W0213-151	130	131	0.27			
W0213	W0213-152	131	132	0.1			
W0213	W0213-153	132	133	0.19			
W0213	W0213-154	133	134	0.35			

HOLE	TAG NUMBER	FROM	TO	Au1	Au1R (LAB Repeat)	Au2	Au2R (GEOL Repeat)
W0213	W0213-155	134	135	0.73			
W0213	W0213-156	135	136	0.13			
W0213	W0213-157	136	137	0.12			
W0213	W0213-158	137	137.71	0.29			
W0213	W0213-159	137.71	138.3	0.19			
W0213	W0213-161	138.3	139	0.45			
W0213	W0213-162	139	140	0.4			
W0213	W0213-163	140	141	0.33			
W0213	W0213-164	141	142	1.84		2.19	
W0213	W0213-165	142	143	0.27			
W0213	W0213-166	143	144	0.19			
W0213	W0213-167	144	145	0.2			
W0213	W0213-168	145	146	0.72		0.66	
W0213	W0213-169	146	147	2.06		1.8	
W0213	W0213-170	147	148	0.03	0.04		
W0213	W0213-171	148	149	0.1			
W0213	W0213-172	149	150	0.09			
W0213	W0213-173	150	151	0.08			
W0213	W0213-174	151	152	0.09			
W0213	W0213-175	152	153	0.09			
W0213	W0213-176	153	154	0.05			
W0213	W0213-177	154	155	0.05			
W0213	W0213-178	155	156	0.04			
W0213	W0213-179	156	156.6	0.06			
W0213	W0213-181	156.6	157.45	0.26			
W0213	W0213-182	157.45	158	0.09			
W0213	W0213-183	158	159	0.22			
W0213	W0213-184	159	160	0.35			
W0213	W0213-185	160	161	0.15			
W0213	W0213-186	161	162	0.09			
W0213	W0213-187	162	163	0.23			
W0213	W0213-188	163	164	0.63	0.65		
W0213	W0213-189	164	164.43	0.41			
W0213	W0213-190	164.43	164.7	31.22		32.71	32.07
W0213	W0213-191	164.7	165.35	1			
W0213	W0213-192	165.35	166	0.45			
W0213	W0213-193	166	167	0.75			
W0213	W0213-194	167	168	0.22			
W0213	W0213-195	168	169	0.21			
W0213	W0213-196	169	169.5	0.65			
W0213	W0213-197	169.5	170.2	0.19			
W0213	W0213-198	170.2	171	0.28			
W0213	W0213-199	171	172.02	0.1			
W0213	W0213-201	172.02	172.6	0.07			
W0213	W0213-202	172.6	173	0.02			
W0213	W0213-203	173	174	0.03			
W0213	W0213-204	174	175	0.01			
W0213	W0213-205	175	176	0.01			
W0213	W0213-206	176	177	0.01	0.01		

HOLE	TAG NUMBER	FROM	TO	Au1	Au1R (LAB Repeat)	Au2	Au2R (GEOL Repeat)
W0213	W0213-207	177	177.81	0.15			
W0213	W0213-208	177.81	178.55	0.08			
W0213	W0213-209	178.55	179.12	0.32			
W0213	W0213-210	179.12	180	0.05			
W0213	W0213-211	180	180.6	0.81		0.84	
W0213	W0213-212	180.6	181.2	0.04			
W0213	W0213-213	181.2	182.2	6.95		2.54	

DETAILED LOG

Hole Number: **W0208** Units: METRIC

Project Name:	C Zone	Primary Coordinates	Grid: CZ	Destination Coordinates	Grid: BZ	Collar Dip:	-50.00
Project Number:	CZ	North:	94019.73	North:	9307.84	Collar Az:	180.00
Location:		East:	78324.71	East:	8143.05	Length:	61.85
		Elev:	10353.91	Elev:	10353.91	Start Depth:	0.00
Date Started:	Mar 27, 2002	Collar Survey:	Y	Plugged:	N	Contractor:	Heath and Sherwood Drilling	Final Depth:	61.85
Date Completed:		Multishot Survey:	N	Hole Size:	NQ	Core Storage:			
Logged By:	B. McKay	Pulse EM Survey:	N	Casing:			

Comments:

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
7.00	181.84	-49.00	A	OK		**8.00**	181.80	-49.00	T	OK	
38.00	181.65	-49.00	A	OK		**60.00**	179.80	-47.00	T	OK	
68.00	179.49	-47.00	A	OK							

Detailed Lithology

From	To	Rock	Sub	Lithology	Assay Data: Sample #	From	To	Length	AuAv
0	4.50	**0**		**Casing** **Other Details** 0 - 4.50 : Colour: -, Grain Size: -, FC: -, CO: -, Strat Code: -					

2.23773

42C12NW2004 2.23773 BOMBY

Hole Number: **W0208**

Units: METRIC

Detailed Lithology

From	To	Rock	Sub	Lithology
4.50	19.29	3		**3sfMuBie** **Typifying Characteristics** 4.50 - 19.29 : f, 1 %, 1 4.50 - 19.29 : e, 0.1 %, 2 **Alteration** 4.50 - 19.29 : Sx, M, 1 4.50 - 19.29 : Bi, W, 2 4.50 - 19.29 : Mx, M, 3 **Other Details** 4.50 - 19.29 : Colour: 8UW6A, Grain Size: fgmg, FC: 8, CO: DD, Strat Code: - **Texture** 4.50 - 19.29 : f 4.50 - 19.29 : h 4.50 - 19.29 : i 4.50 - 19.29 : s 4.50 - 19.29 : e **Structure** 5.00 - 5.00 : FO, 30 10.00 - 10.00 : FO, 17 15.00 - 15.00 : FO, 23 19.29 - 19.29 : CT, 22
19.29	25.36	4		**4kl** **Mineralization** 19.29 - 25.36 : Py, d, 2%; k **Other Details** 19.29 - 25.36 : Colour: 3PA7UW, Grain Size: vfgfg, FC: 5, CO: CC, Strat Code: - **Texture** 19.29 - 25.36 : k 19.29 - 25.36 : l 19.29 - 25.36 : 4 **Structure** 24.00 - 24.00 : BD, 27 25.36 - 25.36 : CT, 25
			3	**MINOR INTERVALS:** **21.49 - 22.00 , 3se** **Other Details** 21.49 - 22.00 : Colour: -, Grain Size: -, FC: -, CO: -, Strat Code: -

Assay Data

Sample #	From	To	Length	AuAv
W0208-001	4.50	5.00	0.50	
W0208-002	5.00	6.00	1.00	
W0208-003	6.00	7.00	1.00	
W0208-004	7.00	8.00	1.00	
W0208-005	8.00	9.00	1.00	
W0208-006	9.00	10.00	1.00	
W0208-007	10.00	11.00	1.00	
W0208-008	11.00	12.00	1.00	
W0208-009	12.00	13.00	1.00	
W0208-010	13.00	14.00	1.00	
W0208-011	14.00	15.00	1.00	
W0208-012	15.00	16.00	1.00	
W0208-013	16.00	17.00	1.00	
W0208-014	17.00	18.00	1.00	
W0208-015	18.00	18.70	0.70	
W0208-016	18.70	19.29	0.59	
W0208-017	19.29	20.00	0.71	
W0208-018	20.00	21.00	1.00	
W0208-019	21.00	22.00	1.00	
W0208-021	22.00	23.00	1.00	
W0208-022	23.00	24.00	1.00	
W0208-023	24.00	25.00	1.00	
W0208-024	25.00	25.36	0.36	

Hole Number: **W0208**

Units: METRIC

Detailed Lithology

From	To	Rock	Sub	Lithology
25.36	37.00	3		**34klshjfe** **Mineralization** 25.36 - 37.00 : Py, d, 1%; b, k **Typifying Characteristics** 25.36 - 37.00 : f, 5 %, 1 25.36 - 37.00 : e, 0.1 %, 2 **Alteration** 25.36 - 37.00 : Bi, M, 1 25.36 - 37.00 : Sx, MS, 2 25.36 - 37.00 : Mx, VW, 3 25.36 - 37.00 : Cx, VW, 4 **Other Details** 25.36 - 37.00 : Colour: 37A8UW, Grain Size: fgmg, FC: 3, CO: BB, Strat Code: - **Texture** 25.36 - 37.00 : f 25.36 - 37.00 : h 25.36 - 37.00 : j 25.36 - 37.00 : k 25.36 - 37.00 : l 25.36 - 37.00 : s 25.36 - 37.00 : e **Structure** 27.00 - 27.00 : FO, 27 32.00 - 32.00 : FO, 18 35.00 - 35.00 : FO, 18
			UK	**MINOR INTERVALS:** **30.80 - 31.00 , QV** **Other Details** 30.80 - 31.00 : Colour: -, Grain Size: -, FC: -, CO: -, Strat Code: -

Assay Data

Sample #	From	To	Length	AuAv
W0208-025	25.36	26.00	0.64	
W0208-026	26.00	27.00	1.00	
W0208-027	27.00	28.00	1.00	
W0208-028	28.00	29.00	1.00	
W0208-029	29.00	30.00	1.00	
W0208-030	30.00	31.00	1.00	
W0208-031	31.00	32.00	1.00	
W0208-032	32.00	33.00	1.00	
W0208-033	33.00	34.00	1.00	
W0208-034	34.00	35.00	1.00	
W0208-035	35.00	36.00	1.00	
W0208-036	36.00	37.00	1.00	

Hole Number: **W0208**

Units: METRIC

Detailed Lithology

From	To	Rock	Sub	Lithology
37.00	47.67	3		**38seMuBi** **Mineralization** 37.00 - 47.67 : Py, k, 4%; b, d **Typifying Characteristics** 37.00 - 47.67 : e, 3 %, 1 37.00 - 47.67 : f, 2 %, 2 **Alteration** 37.00 - 47.67 : Mx, MS, 1 37.00 - 47.67 : Bi, MS, 2 37.00 - 47.67 : Sx, M, 3 **Other Details** 37.00 - 47.67 : Colour: 8UW4A, Grain Size: vfgfg, FC: 3, CO: BB, Strat Code: - **Texture** 37.00 - 47.67 : j 37.00 - 47.67 : k 37.00 - 47.67 : s 37.00 - 47.67 : h **Structure** 40.00 - 40.00 : FO, 20 47.67 - 47.67 : CT, 20
			UK	**MINOR INTERVALS:** **46.69 - 46.86 , QV** **Other Details** 46.69 - 46.86 : Colour: -, Grain Size: -, FC: -, CO: -, Strat Code: -

Assay Data

Sample #	From	To	Length	AuAv
W0208-037	37.00	38.00	1.00	
W0208-038	38.00	39.00	1.00	
W0208-039	39.00	40.00	1.00	
W0208-041	40.00	41.00	1.00	
W0208-042	41.00	42.00	1.00	
W0208-043	42.00	43.00	1.00	
W0208-044	43.00	44.00	1.00	
W0208-045	44.00	45.00	1.00	
W0208-046	45.00	46.00	1.00	
W0208-047	46.00	47.00	1.00	
W0208-048	47.00	47.67	0.67	

Hole Number: **W0208**

Units: METRIC

Detailed Lithology

From	To	Rock	Sub	Lithology
47.67	61.85	4		**48klseMu** **Typifying Characteristics** 47.67 - 61.85 : e, 2 % **Alteration** 47.67 - 61.85 : Mx, MS, 1 47.67 - 61.85 : Bi, W, 2 47.67 - 61.85 : Sx, W, 3 47.67 - 61.85 : Cx, VW, 4 **Other Details** 47.67 - 61.85 : Colour: 8UW4PA, Grain Size: fgcg, FC: 2, CO: BB, Strat Code: - **Texture** 47.67 - 61.85 : j 47.67 - 61.85 : k 47.67 - 61.85 : l 47.67 - 61.85 : s 47.67 - 61.85 : t 47.67 - 61.85 : h **Structure** 50.00 - 50.00 : BD, 25 55.00 - 55.00 : BD, 23 60.00 - 60.00 : BD, 18 60.82 - 60.82 : CT, 20 61.35 - 61.35 : CT, 20 61.85 - 61.85 : FO, 17
			9	**MINOR INTERVALS:** **60.82 - 61.35 , 9f** **Typifying Characteristics** 60.82 - 61.35 : f, 40 % **Other Details** 60.82 - 61.35 : Colour: 4A, Grain Size: fg, FC: -, CO: -, Strat Code: -

Assay Data

Sample #	From	To	Length	AuAv
W0208-049	47.67	48.00	0.33	
W0208-050	48.00	49.00	1.00	
W0208-051	49.00	50.00	1.00	
W0208-052	50.00	51.00	1.00	
W0208-053	51.00	52.00	1.00	
W0208-054	52.00	53.00	1.00	
W0208-055	53.00	54.00	1.00	
W0208-056	54.00	55.00	1.00	
W0208-057	55.00	56.00	1.00	
W0208-058	56.00	57.00	1.00	
W0208-059	57.00	58.00	1.00	
W0208-061	58.00	59.00	1.00	
W0208-062	59.00	60.00	1.00	
W0208-063	60.00	60.82	0.82	
W0208-064	60.82	61.85	1.03	

DETAILED LOG

Hole Number: **W0208**

Units: METRIC

Samples

Sample #	From	To	Au1 gpt	Au1R	Au2 gpt	Au2R	Au3 gpt	Au3R	Au4 gpt	Au4R	Au5 gpt	Au5R	Au6 gpt	Au6R	Au7 gpt	Au7R	Au8 gpt	Au8R	AuAv gpt
ASSAY																			
W0208-001	4.50	5.00																	
W0208-002	5.00	6.00																	
W0208-003	6.00	7.00																	
W0208-004	7.00	8.00																	
W0208-005	8.00	9.00																	
W0208-006	9.00	10.00																	
W0208-007	10.00	11.00																	
W0208-008	11.00	12.00																	
W0208-009	12.00	13.00																	
W0208-010	13.00	14.00																	
W0208-011	14.00	15.00																	
W0208-012	15.00	16.00																	
W0208-013	16.00	17.00																	
W0208-014	17.00	18.00																	
W0208-015	18.00	18.70																	
W0208-016	18.70	19.29																	
W0208-017	19.29	20.00																	
W0208-018	20.00	21.00																	
W0208-019	21.00	22.00																	
W0208-021	22.00	23.00																	
W0208-022	23.00	24.00																	
W0208-023	24.00	25.00																	
W0208-024	25.00	25.36																	
W0208-025	25.36	26.00																	
W0208-026	26.00	27.00																	
W0208-027	27.00	28.00																	
W0208-028	28.00	29.00																	
W0208-029	29.00	30.00																	
W0208-030	30.00	31.00																	
W0208-031	31.00	32.00																	
W0208-032	32.00	33.00																	
W0208-033	33.00	34.00																	
W0208-034	34.00	35.00																	
W0208-035	35.00	36.00																	
W0208-036	36.00	37.00																	
W0208-037	37.00	38.00																	
W0208-038	38.00	39.00																	
W0208-039	39.00	40.00																	
W0208-041	40.00	41.00																	
W0208-042	41.00	42.00																	
W0208-043	42.00	43.00																	

DETAILED LOG

Hole Number: **W0208**

Units: METRIC

Samples

Sample #	From	To	Au1 gpt	Au1R	Au2 gpt	Au2R	Au3 gpt	Au3R	Au4 gpt	Au4R	Au5 gpt	Au5R	Au6 gpt	Au6R	Au7 gpt	Au7R	Au8 gpt	Au8R	AuAv gpt
ASSAY																			
W0208-044	43.00	44.00																	
W0208-045	44.00	45.00																	
W0208-046	45.00	46.00																	
W0208-047	46.00	47.00																	
W0208-048	47.00	47.67																	
W0208-049	47.67	48.00																	
W0208-050	48.00	49.00																	
W0208-051	49.00	50.00																	
W0208-052	50.00	51.00																	
W0208-053	51.00	52.00																	
W0208-054	52.00	53.00																	
W0208-055	53.00	54.00																	
W0208-056	54.00	55.00																	
W0208-057	55.00	56.00																	
W0208-058	56.00	57.00																	
W0208-059	57.00	58.00																	
W0208-061	58.00	59.00																	
W0208-062	59.00	60.00																	
W0208-063	60.00	60.82																	
W0208-064	60.82	61.85																	

DETAILED LOG

Hole Number: **W0213**

Units: METRIC

Project Name:	C Zone	Primary Coordinates	Grid: CZ	Destination Coordinates	Grid: BZ	Collar Dip:	-60.00
Project Number:	CZ	North:	94149.39	North:	9469.20	Collar Az:	180.00
Location:		East:	78451.53	East:	8225.86	Length:	181.20
		Elev:	10329.04	Elev:	10329.04	Start Depth:	0.00
Date Started:	Apr 02, 2002	Collar Survey:	Y	Plugged:	N	Contractor:	Heath and Sherwood Drilling	Final Depth:	181.20
Date Completed:		Multishot Survey:	N	Hole Size:	NQ	Core Storage:			
Logged By:	Doug Cater	Pulse EM Survey:	N	Casing:					

Comments: 28-05-02

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
8.00	178.96	-60.00	A	OK		**17.00**	179.50	-60.00	T	OK	
38.00	180.77	-58.00	A	OK		**55.00**	181.80	-58.00	T	OK	
68.00	182.11	-56.00	A	OK		**98.00**	182.82	-55.00	A	OK	
128.00	183.54	-55.00	A	OK		**158.00**	184.25	-55.00	A	OK	
181.00	184.80	-54.00	T	OK		**182.00**	184.82	-54.00	A	OK	

Hole Number: **W0213**

Units: METRIC

Detailed Lithology

From	To	Rock	Sub	Lithology
0	58.90	3		**3sefcBi**
				Mineralization
				0.00 - 58.90 : Py, d, 0.01%
				0.00 - 58.90 : To, v, 0.01%
				Typifying Characteristics
				0.00 - 58.90 : f, 3 %
				0.00 - 58.90 : c, 3 %
				0.00 - 58.90 : e, 1 %
				Alteration
				0.00 - 58.90 : Sx, M
				0.00 - 58.90 : Mx, WM
				0.00 - 58.90 : Bi, MS
				0.00 - 58.90 : Cx, VW
				Other Details
				0 - 58.90 : Colour: 27A, Grain Size: fgmg, FC: 3, CO: AA, Strat Code: -
				Texture
				0 - 58.90 : j
				0 - 58.90 : s
				0 - 58.90 : b
				Structure
				3.00 - 3.00 : FO, 33
				7.00 - 7.00 : FO, 28
				11.00 - 11.00 : FO, 33
				15.00 - 15.00 : FO, 33
				20.00 - 20.00 : FO, 28
				25.00 - 25.00 : FO, 35
				30.00 - 30.00 : FO, 30
				35.00 - 35.00 : FO, 30
				40.00 - 40.00 : FO, 30
				45.00 - 45.00 : FO, 27
				50.00 - 50.00 : FO, 30
				55.00 - 55.00 : FO, 30
				Good well developed foliation. open and healed fractures @ 11 degrees and sub parallel to foliatoin "c" make up as much as 30% over 1m intervals - 14.00 - 14.10 - beccia zone, vuggy qtz 13.1 Fault with gouge occ. qtz. knot/vein <5 cm locally larger - 14.45 - 14.80 - bxd. faulted qtz. vein wih gouge - 25.3 - fault with sugary grey white gouge (sericite ?) - 29.5 - 29.7 - breccia, sub angular fragments up to 3cm across in a 100% bio. matrix - 44.00 - 44.6 - seven distinct faults, 100% core. rec, No breakage (faults have white gouge) - 44.6 - 44.7 - transl. qtz knot with T

Assay Data

Sample #	From	To	Length	AuAv
W0213-001	0.00	1.00	1.00	
W0213-002	1.00	2.00	1.00	
W0213-003	2.00	3.00	1.00	
W0213-004	3.00	4.00	1.00	
W0213-005	4.00	5.00	1.00	
W0213-006	5.00	6.00	1.00	
W0213-007	6.00	7.00	1.00	
W0213-008	7.00	8.00	1.00	
W0213-009	8.00	9.00	1.00	
W0213-010	9.00	10.00	1.00	
W0213-011	10.00	11.00	1.00	
W0213-012	11.00	12.00	1.00	
W0213-013	12.00	13.00	1.00	
W0213-014	13.00	14.00	1.00	
W0213-015	14.00	15.00	1.00	
W0213-016	15.00	16.00	1.00	
W0213-017	16.00	17.00	1.00	
W0213-018	17.00	18.00	1.00	
W0213-019	18.00	19.00	1.00	
W0213-021	19.00	20.00	1.00	
W0213-022	20.00	21.00	1.00	
W0213-023	21.00	22.00	1.00	
W0213-024	22.00	23.00	1.00	
W0213-025	23.00	24.00	1.00	
W0213-026	24.00	25.00	1.00	
W0213-027	25.00	26.00	1.00	
W0213-028	26.00	27.00	1.00	
W0213-029	27.00	28.00	1.00	
W0213-030	28.00	29.00	1.00	
W0213-031	29.00	30.00	1.00	
W0213-032	30.00	31.00	1.00	
W0213-033	31.00	32.00	1.00	
W0213-034	32.00	33.00	1.00	
W0213-035	33.00	34.00	1.00	
W0213-036	34.00	35.00	1.00	
W0213-037	35.00	36.00	1.00	
W0213-038	36.00	37.00	1.00	
W0213-039	37.00	38.00	1.00	
W0213-041	38.00	39.00	1.00	
W0213-042	39.00	40.00	1.00	
W0213-043	40.00	41.00	1.00	
W0213-044	41.00	42.00	1.00	

Hole Number: **W0213**

Units: METRIC

Detailed Lithology				
From	To	Rock	Sub	Lithology
			8	**MINOR INTERVALS:** **31.30 - 31.53 , 8esMu** **Typifying Characteristics** 31.30 - 31.53 : e, 5 % **Other Details** 31.30 - 31.53 : Colour: 9UW, Grain Size: fg, FC: -, CO: -, Strat Code: -

Assay Data				
Sample #	From	To	Length	AuAv
W0213-045	42.00	43.00	1.00	
W0213-046	43.00	44.00	1.00	
W0213-047	44.00	45.00	1.00	
W0213-048	45.00	46.00	1.00	
W0213-049	46.00	47.00	1.00	
W0213-050	47.00	48.00	1.00	
W0213-051	48.00	49.00	1.00	
W0213-052	49.00	50.00	1.00	
W0213-053	50.00	51.00	1.00	
W0213-054	51.00	52.00	1.00	
W0213-055	52.00	53.00	1.00	
W0213-056	53.00	54.00	1.00	
W0213-057	54.00	55.00	1.00	
W0213-058	55.00	55.80	0.80	
W0213-059	55.80	56.50	0.70	
W0213-061	56.50	57.15	0.65	
W0213-062	57.15	58.00	0.85	
W0213-063	58.00	58.90	0.90	

Hole Number: **W0213**

Units: METRIC

Detailed Lithology					Assay Data				
From	To	Rock	Sub	Lithology	Sample #	From	To	Length	AuAv
				MINOR INTERVALS:					
			8	**34.70 - 35.95 , 8esMu**					
				Other Details					
				34.70 - 35.95 : Colour: -, Grain Size: -, FC: -, CO: -, Strat Code: -					
				with 5% Bi					
			3	**51.00 - 55.80 , 3c**					
				Other Details					
				51.00 - 55.80 : Colour: -, Grain Size: -, FC: -, CO: -, Strat Code: -					
				"c" enrichment locally 50% "c"					
			3	**55.80 - 57.15 , 3s**					
				Mineralization					
				55.80 - 57.15 : Mo, d, 0.01%					
				55.80 - 57.15 : Py, d, 0.01%					
				Other Details					
				55.80 - 57.15 : Colour: 5BA, Grain Size: vfg, FC: -, CO: -, Strat Code: -					
58.90	65.45	3		**3sfPyMo**	W0213-064	58.90	60.00	1.10	
				Mineralization	W0213-065	60.00	61.00	1.00	
				58.90 - 65.45 : Mo, d, 0.01%	W0213-066	61.00	62.00	1.00	
				58.90 - 65.45 : Py, d, 0.01%	W0213-067	62.00	63.00	1.00	
				Typifying Characteristics	W0213-068	63.00	64.00	1.00	
				58.90 - 65.45 : f, 5 %	W0213-069	64.00	65.00	1.00	
				Alteration	W0213-070	65.00	65.45	0.45	
				58.90 - 65.45 : Bi, VW					
				58.90 - 65.45 : Sx, MS					
				58.90 - 65.45 : Mx, VW					
				Other Details					
				58.90 - 65.45 : Colour: 5BA, Grain Size: vfg, FC: -, CO: -, Strat Code: -					
				Texture					
				58.90 - 65.45 : j					
				58.90 - 65.45 : s					
				58.90 - 65.45 : f					
				Structure					
				60.00 - 60.00 : FO, 30					
				- weakly level foliation, finely diss, py. and occ. as blebs mixed with bio.					
				- "pseudo - "t"					

Hole Number: **W0213**

Units: METRIC

Detailed Lithology

From	To	Rock	Sub	Lithology
65.45	83.34	3		**3sfBi** **Typifying Characteristics** 65.45 - 83.34 : f, 8 % **Alteration** 65.45 - 83.34 : Bi, W 65.45 - 83.34 : Sx, M 65.45 - 83.34 : Mx, WM **Other Details** 65.45 - 83.34 : Colour: 7BA 7U, Grain Size: vfg, FC: 2, CO: AA, Strat Code: - **Texture** 65.45 - 83.34 : h 65.45 - 83.34 : j 65.45 - 83.34 : s 65.45 - 83.34 : f **Structure** 70.00 - 70.00 : FO, 24 75.00 - 75.00 : FO, 30 - fract'd throughout (healed) Mu layers =5% - 73.20 10cm irregular - pinkish white qtz knot - 76.95 - 5cm grey qtz veinlet @ 15 degrees
			11	**MINOR INTERVALS:** **81.36 - 81.49** **Other Details** 81.36 - 81.49 : Colour: -, Grain Size: -, FC: -, CO: -, Strat Code: - only comments were given **Structure** 81.36 - 81.49 :
			11	**82.00 - 82.25** **Other Details** 82.00 - 82.25 : Colour: -, Grain Size: -, FC: -, CO: -, Strat Code: - only comments were given

Assay Data

Sample #	From	To	Length	AuAv
W0213-071	65.45	66.00	0.55	
W0213-072	66.00	67.00	1.00	
W0213-073	67.00	68.00	1.00	
W0213-074	68.00	69.00	1.00	
W0213-075	69.00	70.00	1.00	
W0213-076	70.00	71.00	1.00	
W0213-077	71.00	72.00	1.00	
W0213-078	72.00	73.00	1.00	
W0213-079	73.00	74.00	1.00	
W0213-081	74.00	75.00	1.00	
W0213-082	75.00	76.00	1.00	
W0213-083	76.00	77.00	1.00	
W0213-084	77.00	78.00	1.00	
W0213-085	78.00	79.00	1.00	
W0213-086	79.00	80.00	1.00	
W0213-087	80.00	81.00	1.00	
W0213-088	81.00	81.49	0.49	
W0213-089	81.49	82.00	0.51	
W0213-090	82.00	82.70	0.70	
W0213-091	82.70	83.34	0.64	

DETAILED LOG

Hole Number: **W0213**

Units: METRIC

Detailed Lithology

From	To	Rock	Sub	Lithology
83.34	88.50	**11**		**11f** **Mineralization** 83.34 - 88.50 : Cb, a, 2% 83.34 - 88.50 : Py, d, 0.1% **Typifying Characteristics** 83.34 - 88.50 : f, 3 % **Alteration** 83.34 - 88.50 : Bi, W **Other Details** 83.34 - 88.50 : Colour: 4AG, Grain Size: mg, FC: 9, CO: DD, Strat Code: - **Texture** 83.34 - 88.50 : f **Structure** 86.00 - 86.00 : FO, 20

Assay Data

Sample #	From	To	Length	AuAv
W0213-092	83.34	84.00	0.66	
W0213-093	84.00	85.00	1.00	
W0213-094	85.00	86.00	1.00	
W0213-095	86.00	87.00	1.00	
W0213-096	87.00	88.00	1.00	
W0213-097	88.00	88.50	0.50	

Hole Number: **W0213**

Units: METRIC

Detailed Lithology

From	To	Rock	Sub	Lithology
88.50	117.59	3		**3fespy** **Mineralization** 88.50 - 117.59 : Cb, a, 2% 88.50 - 117.59 : Py, d, 0.5% 88.50 - 117.59 : Qz, v, 3% **Typifying Characteristics** 88.50 - 117.59 : f, 5 % **Alteration** 88.50 - 117.59 : Bi, W 88.50 - 117.59 : Mx, WM 88.50 - 117.59 : Sx, WM **Other Details** 88.50 - 117.59 : Colour: 7AW, Grain Size: fgmg, FC: 6, CO: CC, Strat Code: - **Texture** 88.50 - 117.59 : t **Structure** 92.00 - 92.00 : FO, 20 96.00 - 96.00 : FO, 12 101.00 - 101.00 : FO, 13 108.00 - 108.00 : FO, 10 114.00 - 114.00 : FO, 21

Assay Data

Sample #	From	To	Length	AuAv
W0213-098	88.50	89.00	0.50	
W0213-099	89.00	90.00	1.00	
W0213-101	90.00	91.00	1.00	
W0213-102	91.00	92.00	1.00	
W0213-103	92.00	93.00	1.00	
W0213-104	93.00	94.00	1.00	
W0213-105	94.00	95.00	1.00	
W0213-106	95.00	96.00	1.00	
W0213-107	96.00	97.00	1.00	
W0213-108	97.00	98.00	1.00	
W0213-109	98.00	99.00	1.00	
W0213-110	99.00	100.00	1.00	
W0213-111	100.00	101.00	1.00	
W0213-112	101.00	101.70	0.70	
W0213-113	101.70	102.28	0.58	
W0213-114	102.28	103.00	0.72	
W0213-115	103.00	104.00	1.00	
W0213-116	104.00	105.00	1.00	
W0213-117	105.00	106.00	1.00	
W0213-118	106.00	106.60	0.60	
W0213-119	106.60	107.00	0.40	
W0213-121	107.00	108.00	1.00	
W0213-122	108.00	108.81	0.81	
W0213-123	108.81	109.16	0.35	
W0213-124	109.16	110.00	0.84	
W0213-125	110.00	111.00	1.00	
W0213-126	111.00	112.00	1.00	
W0213-127	112.00	113.00	1.00	
W0213-128	113.00	114.00	1.00	
W0213-129	114.00	115.00	1.00	
W0213-130	115.00	116.00	1.00	
W0213-131	116.00	117.00	1.00	
W0213-132	117.00	117.59	0.59	

Hole Number: **W0213**

Units: METRIC

Detailed Lithology					Assay Data				
From	To	Rock	Sub	Lithology	Sample #	From	To	Length	AuAv
				MINOR INTERVALS:					
			11	**102.28 - 102.60 , 11**					
				Other Details					
				102.28 - 102.60 : Colour: 4GA, Grain Size: mg, FC: 1, CO: AA, Strat Code: -					
				@102.28 leading contact is @12 degrees 102.60 - 2cm white qtz stringer @ 65 degrees 106.95 - 3cm pyritic band @ 5 degrees locally contains 5 - 10 percent py.dissem and fracture fill					
			12	**108.81 - 109.16 , 12ncx**					
				Mineralization					
				108.81 - 109.16 : Cb, v, 5%					
				108.81 - 109.16 : Py, d, 1%					
				108.81 - 109.16 : Qz, v, 3%					
				Alteration					
				108.81 - 109.16 : Cx, M					
				Other Details					
				108.81 - 109.16 : Colour: 3G, Grain Size: mg, FC: 5, CO: CC, Strat Code: -					
				Texture					
				108.81 - 109.16 : n					
				108.27 - 108.55 - greyish white qtz vein @ 28 degrees 2% py. 1% cpy tr. moly 108.81 - 109.16 - leading contact is @ 22 degrees trailing contact is @ 25 degrees 110.17 - 2cm "t" stringer @ 12 degrees					

Hole Number: **W0213**

Units: METRIC

Detailed Lithology

From	To	Rock	Sub	Lithology
117.59	125.30	3		**3csBi** **Mineralization** 117.59 - 125.30 : Cb, v, 3% 117.59 - 125.30 : Mo, b, 0.1% 117.59 - 125.30 : Py, d, 2% 117.59 - 125.30 : Qz, v, 15% **Typifying Characteristics** 117.59 - 125.30 : c, 5 % **Alteration** 117.59 - 125.30 : Mx, W 117.59 - 125.30 : Bi, W 117.59 - 125.30 : Sx, M **Other Details** 117.59 - 125.30 : Colour: 7AW, Grain Size: fgmg, FC: 5, CO: BB, Strat Code: - rock type labelled as 3csBi/6qtz. spy **Texture** 117.59 - 125.30 : c **Structure** 120.00 - 125.30 : FO, 22 117.59 - 121.69 qtz flooded zone within the 6s - blue grey moly tint @ 117.59 sharp contact @ 15 degrees 118.86 - 119.25 dark blue grey qtz veining @ 18 degrees leading 5% py. as blebs/fracture ***v.g***fills and clots - lots of VG as pinhead specks and smeared netted texture 100+ points V.G. observed
			11	**MINOR INTERVALS:** **121.69 - 121.94 , 11** **Other Details** 121.69 - 121.94 : Colour: 4A, Grain Size: fg, FC: 2, CO: AA, Strat Code: - 121.69 - leading contact is @ 20 degrees trails @ 28 degrees 122.18 - 4cm blue grey cherty qtz veinlet @ 17 degrees 122.35 - 122.54 bullish grey white qtz/crb tourmaline veinlet @ 3 degrees tr py.

Assay Data

Sample #	From	To	Length	AuAv
W0213-133	117.59	118.30	0.71	
W0213-134	118.30	118.80	0.50	
W0213-135	118.80	119.20	0.40	
W0213-136	119.20	120.00	0.80	
W0213-137	120.00	121.00	1.00	
W0213-138	121.00	121.69	0.69	
W0213-139	121.69	122.00	0.31	
W0213-141	122.00	123.10	1.10	
W0213-142	123.10	123.70	0.60	
W0213-143	123.70	124.30	0.60	
W0213-144	124.30	125.00	0.70	
W0213-145	125.00	125.94	0.94	

Hole Number: **W0213**

Units: METRIC

Detailed Lithology					Assay Data				
From	To	Rock	Sub	Lithology	Sample #	From	To	Length	AuAv
			3	**MINOR INTERVALS:** **123.10 - 124.30 , 3fsrBipy** **Mineralization** 123.10 - 124.30 : Py, d, 0.1% **Typifying Characteristics** 123.10 - 124.30 : f, 10 % **Alteration** 123.10 - 124.30 : Sx, WM 123.10 - 124.30 : Rd, M 123.10 - 124.30 : Bi, W **Other Details** 123.10 - 124.30 : Colour: 6AK, Grain Size: mg, FC: 6, CO: CC, Strat Code: - **Texture** 123.10 - 124.30 : t 123.10 - 124.30 : f @125.0 - 125.60 zone of broken rubble like core 125.30 faulted contact @ 15 degrees					
125.30	125.94	12		**12nCx** **Mineralization** 125.30 - 125.94 : Cb, v, 3% **Other Details** 125.30 - 125.94 : Colour: 3G, Grain Size: -, FC: -, CO: -, Strat Code: - @125.45 1cm hand dark green chl/brecciated healed fault @ 5 degrees minor chl mud gouge present on adjacent core ends 125.76 - 125.94 As above 12nCx dyke @ 7 degrees					

Hole Number: **W0213**

Units: METRIC

Detailed Lithology

From	To	Rock	Sub	Lithology
125.94	181.20	3		**3sfBi** **Mineralization** 125.94 - 181.20 : Cb, v, 2% 125.94 - 181.20 : Py, d, 0.1% 125.94 - 181.20 : Qz, v, 5% 125.94 - 181.20 : To, v, 0.5% **Typifying Characteristics** 125.94 - 181.20 : f, 10 % **Alteration** 125.94 - 181.20 : Sx, W 125.94 - 181.20 : Bi, W **Other Details** 125.94 - 181.20 : Colour: 7AK, Grain Size: mg, FC: 4, CO: BB, Strat Code: - **Texture** 125.94 - 181.20 : t 125.94 - 181.20 : f **Structure** 131.00 - 131.00 : FO, 20 135.00 - 135.00 : FO, 15 142.00 - 142.00 : FO, 21 147.00 - 147.00 : FO, 26 151.00 - 151.00 : FO, 35 156.00 - 156.00 : FO, 40 160.00 - 160.00 : FO, 20 165.00 - 165.00 : FO, 20 168.00 - 168.00 : FO, 20 174.00 - 174.00 : FO, 23 180.00 - 180.00 : FO, 20

Assay Data

Sample #	From	To	Length	AuAv
W0213-146	125.94	127.00	1.06	
W0213-147	127.00	127.70	0.70	
W0213-148	127.70	128.26	0.56	
W0213-149	128.26	129.00	0.74	
W0213-150	129.00	130.00	1.00	
W0213-151	130.00	131.00	1.00	
W0213-152	131.00	132.00	1.00	
W0213-153	132.00	133.00	1.00	
W0213-154	133.00	134.00	1.00	
W0213-155	134.00	135.00	1.00	
W0213-156	135.00	136.00	1.00	
W0213-157	136.00	137.00	1.00	
W0213-158	137.00	137.71	0.71	
W0213-159	137.71	138.30	0.59	
W0213-161	138.30	139.00	0.70	
W0213-162	139.00	140.00	1.00	
W0213-163	140.00	141.00	1.00	
W0213-164	141.00	142.00	1.00	
W0213-165	142.00	143.00	1.00	
W0213-166	143.00	144.00	1.00	
W0213-167	144.00	145.00	1.00	
W0213-168	145.00	146.00	1.00	
W0213-169	146.00	147.00	1.00	
W0213-170	147.00	148.00	1.00	
W0213-171	148.00	149.00	1.00	
W0213-172	149.00	150.00	1.00	
W0213-173	150.00	151.00	1.00	
W0213-174	151.00	152.00	1.00	
W0213-175	152.00	153.00	1.00	
W0213-176	153.00	154.00	1.00	
W0213-177	154.00	155.00	1.00	
W0213-178	155.00	156.00	1.00	
W0213-179	156.00	156.60	0.60	
W0213-181	156.60	157.45	0.85	
W0213-182	157.45	158.00	0.55	
W0213-183	158.00	159.00	1.00	
W0213-184	159.00	160.00	1.00	
W0213-185	160.00	161.00	1.00	
W0213-186	161.00	162.00	1.00	
W0213-187	162.00	163.00	1.00	
W0213-188	163.00	164.00	1.00	
W0213-189	164.00	164.43	0.43	

Hole Number: **W0213**

Units: METRIC

Detailed Lithology				
From	To	Rock	Sub	Lithology

Assay Data				
Sample #	From	To	Length	AuAv
W0213-190	164.43	164.70	0.27	
W0213-191	164.70	165.35	0.65	
W0213-192	165.35	166.00	0.65	
W0213-193	166.00	167.00	1.00	
W0213-194	167.00	168.00	1.00	
W0213-195	168.00	169.00	1.00	
W0213-196	169.00	169.50	0.50	
W0213-197	169.50	170.20	0.70	
W0213-198	170.20	171.00	0.80	
W0213-199	171.00	172.02	1.02	
W0213-201	172.02	172.60	0.58	
W0213-202	172.60	173.00	0.40	
W0213-203	173.00	174.00	1.00	
W0213-204	174.00	175.00	1.00	
W0213-205	175.00	176.00	1.00	
W0213-206	176.00	177.00	1.00	
W0213-207	177.00	177.81	0.81	
W0213-208	177.81	178.55	0.74	
W0213-209	178.55	179.12	0.57	
W0213-210	179.12	180.00	0.88	
W0213-211	180.00	180.60	0.60	
W0213-212	180.60	181.20	0.60	

Hole Number: **W0213**

Units: METRIC

Detailed Lithology					Assay Data				
From	To	Rock	Sub	Lithology	Sample #	From	To	Length	AuAv
			12	**MINOR INTERVALS:** **156.60 - 157.45 , 12nCx** **Mineralization** 156.60 - 157.45 : Cb, v, 2% 156.60 - 157.45 : Qz, v, 2% **Alteration** 156.60 - 157.45 : Cx, M **Other Details** 156.60 - 157.45 : Colour: 3G, Grain Size: fgmg, FC: 6, CO: CC, Strat Code: - **Texture** 156.60 - 157.45 : n 156.76 1 cm crb/chl mud gouge coated slip @ 42 degrees 157.45 trailing contact is @ 52 degrees 157.69 3 cm band of 12nCx @ 48 degrees 159.60 - 159.71 zone of mud gouge (crb/chl/musc/in composition) coated fracture surfaces @ 12 degrees 160.0 - 164.00 zone of strongly fractured core RQD over interval = 40% 163.66 - 2cm chl/crb coated fractured core maybe a remnant "t" with 1% dissem py 164.43 - 164.57 - 3cm off white qtz/crb discontinous knot - immediately followed by a cherty blue grey qtz/feldpathic pyrite zone @ 22 degrees locally 3% blebby py. VG observed 12 points/nests @164.49m 164.94 - 165.06 grey qtz feldpathic zone @ 20 degrees 2 % dissem py. 165.26 3cm grey qtz/feldspathic/pyrite zone @ 18 degrees 2% fracture filled py. 166.48 2cm irregular qtz/crb/tourmaline veinlet @ 40 degrees minor muscovite 169.30 1cm pyrite filled band 16 degrees 5% py. observed 169.39 9cm pinkish white qtz/minor crb/muscovite/tourmaline veinlet @ 22 degrees tr. diss. py. 169.91 1 cm chl gouge coated brecciated fault seam @ 22 degrees 170.24 10m pinkish white qtz/ crb / muscovite/ tourmaline knot					
			12	**172.02 - 172.29 , 12nCx** **Mineralization** 172.02 - 172.29 : Py, d, 0.5% **Alteration** 172.02 - 172.29 : Cx, M **Other Details** 172.02 - 172.29 : Colour: 3G, Grain Size: fgmg, FC: -, CO: -, Strat Code: - **Texture** 172.02 - 172.29 : n 172.02 contact is @ 8 degrees similar to lithology above 172.48 - 172.59 - 7cm white qtz/crb vein @ 11 degrees minor vuggy along vein margins 173.42 - 173.80 - zone of numerous qtz/crb/feldspathic stringers within the 3f - tr py trend @ 24 degrees 176.41 - 8cm milky white qtz veinlet @ 3 degrees minor remnant "t" material along vein margins - 0.5 % dissem py. @177.81 leading contact is @23 degrees					

DETAILED LOG

Hole Number: **W0213**

Units: METRIC

Detailed Lithology					Assay Data				
From	To	Rock	Sub	Lithology	Sample #	From	To	Length	AuAv
			12	**MINOR INTERVALS:** **177.81 - 179.12 , 12nCx** **Mineralization** 177.81 - 179.12 : Cb, v, 2% 177.81 - 179.12 : Py, d, 0.5% 177.81 - 179.12 : Qz, v, 3% **Alteration** 177.81 - 179.12 : Cx, M **Other Details** 177.81 - 179.12 : Colour: 3G, Grain Size: fgmg, FC: -, CO: -, Strat Code: - **Texture** 177.81 - 179.12 : n **Structure** 177.81 - 179.12 : 180.09 - 5cm qtz /crb / tourmaline veinlet @ 23 degrees 1% py. 181.20 - 182.20 - 12nCx similar to the description above - leads @ 24 degrees 181.80 - 0.5 cm qtz / veinlet @ 74 degrees 3% blebby py. - minor vugs 182.20m END OF HOLE					

DETAILED LOG

Hole Number: **W0213**

Units: METRIC

Samples

Sample #	From	To	Au1 gpt	Au1R	Au2 gpt	Au2R	Au3 gpt	Au3R	Au4 gpt	Au4R	Au5 gpt	Au5R	Au6 gpt	Au6R	Au7 gpt	Au7R	Au8 gpt	Au8R	AuAv gpt
ASSAY																			
W0213-001	0	1.00																	
W0213-002	1.00	2.00																	
W0213-003	2.00	3.00																	
W0213-004	3.00	4.00																	
W0213-005	4.00	5.00																	
W0213-006	5.00	6.00																	
W0213-007	6.00	7.00																	
W0213-008	7.00	8.00																	
W0213-009	8.00	9.00																	
W0213-010	9.00	10.00																	
W0213-011	10.00	11.00																	
W0213-012	11.00	12.00																	
W0213-013	12.00	13.00																	
W0213-014	13.00	14.00																	
W0213-015	14.00	15.00																	
W0213-016	15.00	16.00																	
W0213-017	16.00	17.00																	
W0213-018	17.00	18.00																	
W0213-019	18.00	19.00																	
W0213-021	19.00	20.00																	
W0213-022	20.00	21.00																	
W0213-023	21.00	22.00																	
W0213-024	22.00	23.00																	
W0213-025	23.00	24.00																	
W0213-026	24.00	25.00																	
W0213-027	25.00	26.00																	
W0213-028	26.00	27.00																	
W0213-029	27.00	28.00																	
W0213-030	28.00	29.00																	
W0213-031	29.00	30.00																	
W0213-032	30.00	31.00																	
W0213-033	31.00	32.00																	
W0213-034	32.00	33.00																	
W0213-035	33.00	34.00																	
W0213-036	34.00	35.00																	
W0213-037	35.00	36.00																	
W0213-038	36.00	37.00																	
W0213-039	37.00	38.00																	
W0213-041	38.00	39.00																	
W0213-042	39.00	40.00																	
W0213-043	40.00	41.00																	

Hole Number: **W0213**

Units: METRIC

Samples

Sample #	From	To	Au1 gpt	Au1R	Au2 gpt	Au2R	Au3 gpt	Au3R	Au4 gpt	Au4R	Au5 gpt	Au5R	Au6 gpt	Au6R	Au7 gpt	Au7R	Au8 gpt	Au8R	AuAv gpt
ASSAY																			
W0213-044	41.00	42.00																	
W0213-045	42.00	43.00																	
W0213-046	43.00	44.00																	
W0213-047	44.00	45.00																	
W0213-048	45.00	46.00																	
W0213-049	46.00	47.00																	
W0213-050	47.00	48.00																	
W0213-051	48.00	49.00																	
W0213-052	49.00	50.00																	
W0213-053	50.00	51.00																	
W0213-054	51.00	52.00																	
W0213-055	52.00	53.00																	
W0213-056	53.00	54.00																	
W0213-057	54.00	55.00																	
W0213-058	55.00	55.80																	
W0213-059	55.80	56.50																	
W0213-061	56.50	57.15																	
W0213-062	57.15	58.00																	
W0213-063	58.00	58.90																	
W0213-064	58.90	60.00																	
W0213-065	60.00	61.00																	
W0213-066	61.00	62.00																	
W0213-067	62.00	63.00																	
W0213-068	63.00	64.00																	
W0213-069	64.00	65.00																	
W0213-070	65.00	65.45																	
W0213-071	65.45	66.00																	
W0213-072	66.00	67.00																	
W0213-073	67.00	68.00																	
W0213-074	68.00	69.00																	
W0213-075	69.00	70.00																	
W0213-076	70.00	71.00																	
W0213-077	71.00	72.00																	
W0213-078	72.00	73.00																	
W0213-079	73.00	74.00																	
W0213-081	74.00	75.00																	
W0213-082	75.00	76.00																	
W0213-083	76.00	77.00																	
W0213-084	77.00	78.00																	
W0213-085	78.00	79.00																	
W0213-086	79.00	80.00																	

Hole Number: **W0213**

Units: METRIC

Samples

Sample #	From	To	Au1 gpt	Au1R	Au2 gpt	Au2R	Au3 gpt	Au3R	Au4 gpt	Au4R	Au5 gpt	Au5R	Au6 gpt	Au6R	Au7 gpt	Au7R	Au8 gpt	Au8R	AuAv gpt
ASSAY																			
W0213-087	80.00	81.00																	
W0213-088	81.00	81.49																	
W0213-089	81.49	82.00																	
W0213-090	82.00	82.70																	
W0213-091	82.70	83.34																	
W0213-092	83.34	84.00																	
W0213-093	84.00	85.00																	
W0213-094	85.00	86.00																	
W0213-095	86.00	87.00																	
W0213-096	87.00	88.00																	
W0213-097	88.00	88.50																	
W0213-098	88.50	89.00																	
W0213-099	89.00	90.00																	
W0213-101	90.00	91.00																	
W0213-102	91.00	92.00																	
W0213-103	92.00	93.00																	
W0213-104	93.00	94.00																	
W0213-105	94.00	95.00																	
W0213-106	95.00	96.00																	
W0213-107	96.00	97.00																	
W0213-108	97.00	98.00																	
W0213-109	98.00	99.00																	
W0213-110	99.00	100.00																	
W0213-111	100.00	101.00																	
W0213-112	101.00	101.70																	
W0213-113	101.70	102.28																	
W0213-114	102.28	103.00																	
W0213-115	103.00	104.00																	
W0213-116	104.00	105.00																	
W0213-117	105.00	106.00																	
W0213-118	106.00	106.60																	
W0213-119	106.60	107.00																	
W0213-121	107.00	108.00																	
W0213-122	108.00	108.81																	
W0213-123	108.81	109.16																	
W0213-124	109.16	110.00																	
W0213-125	110.00	111.00																	
W0213-126	111.00	112.00																	
W0213-127	112.00	113.00																	
W0213-128	113.00	114.00																	
W0213-129	114.00	115.00																	

DETAILED LOG

Hole Number: **W0213**

Units: METRIC

Samples

Sample #	From	To	Au1 gpt	Au1R	Au2 gpt	Au2R	Au3 gpt	Au3R	Au4 gpt	Au4R	Au5 gpt	Au5R	Au6 gpt	Au6R	Au7 gpt	Au7R	Au8 gpt	Au8R	AuAv gpt
ASSAY																			
W0213-130	115.00	116.00																	
W0213-131	116.00	117.00																	
W0213-132	117.00	117.59																	
W0213-133	117.59	118.30																	
W0213-134	118.30	118.80																	
W0213-135	118.80	119.20																	
W0213-136	119.20	120.00																	
W0213-137	120.00	121.00																	
W0213-138	121.00	121.69																	
W0213-139	121.69	122.00																	
W0213-141	122.00	123.10																	
W0213-142	123.10	123.70																	
W0213-143	123.70	124.30																	
W0213-144	124.30	125.00																	
W0213-145	125.00	125.94																	
W0213-146	125.94	127.00																	
W0213-147	127.00	127.70																	
W0213-148	127.70	128.26																	
W0213-149	128.26	129.00																	
W0213-150	129.00	130.00																	
W0213-151	130.00	131.00																	
W0213-152	131.00	132.00																	
W0213-153	132.00	133.00																	
W0213-154	133.00	134.00																	
W0213-155	134.00	135.00																	
W0213-156	135.00	136.00																	
W0213-157	136.00	137.00																	
W0213-158	137.00	137.71																	
W0213-159	137.71	138.30																	
W0213-161	138.30	139.00																	
W0213-162	139.00	140.00																	
W0213-163	140.00	141.00																	
W0213-164	141.00	142.00																	
W0213-165	142.00	143.00																	
W0213-166	143.00	144.00																	
W0213-167	144.00	145.00																	
W0213-168	145.00	146.00																	
W0213-169	146.00	147.00																	
W0213-170	147.00	148.00																	
W0213-171	148.00	149.00																	
W0213-172	149.00	150.00																	

Hole Number: **W0213**

Units: METRIC

Samples

Sample #	From	To	Au1 gpt	Au1R	Au2 gpt	Au2R	Au3 gpt	Au3R	Au4 gpt	Au4R	Au5 gpt	Au5R	Au6 gpt	Au6R	Au7 gpt	Au7R	Au8 gpt	Au8R	AuAv gpt
ASSAY																			
W0213-173	150.00	151.00																	
W0213-174	151.00	152.00																	
W0213-175	152.00	153.00																	
W0213-176	153.00	154.00																	
W0213-177	154.00	155.00																	
W0213-178	155.00	156.00																	
W0213-179	156.00	156.60																	
W0213-181	156.60	157.45																	
W0213-182	157.45	158.00																	
W0213-183	158.00	159.00																	
W0213-184	159.00	160.00																	
W0213-185	160.00	161.00																	
W0213-186	161.00	162.00																	
W0213-187	162.00	163.00																	
W0213-188	163.00	164.00																	
W0213-189	164.00	164.43																	
W0213-190	164.43	164.70																	
W0213-191	164.70	165.35																	
W0213-192	165.35	166.00																	
W0213-193	166.00	167.00																	
W0213-194	167.00	168.00																	
W0213-195	168.00	169.00																	
W0213-196	169.00	169.50																	
W0213-197	169.50	170.20																	
W0213-198	170.20	171.00																	
W0213-199	171.00	172.02																	
W0213-201	172.02	172.60																	
W0213-202	172.60	173.00																	
W0213-203	173.00	174.00																	
W0213-204	174.00	175.00																	
W0213-205	175.00	176.00																	
W0213-206	176.00	177.00																	
W0213-207	177.00	177.81																	
W0213-208	177.81	178.55																	
W0213-209	178.55	179.12																	
W0213-210	179.12	180.00																	
W0213-211	180.00	180.60																	
W0213-212	180.60	181.20																	
W0213-213	181.20	182.20																	

DETAILED LOG

Hole Number: **W0215** Units: METRIC

Project Name:	C Zone	Primary Coordinates	Grid: CZ	Destination Coordinates	Grid: BZ	Collar Dip:	-55.00
Project Number:	CZ	North:	94410.30	North:	9681.04	Collar Az:	180.00
Location:		East:	78325.01	East:	8027.86	Length:	211.90
		Elev:	10360.03	Elev:	10360.03	Start Depth:	0.00
Date Started:	Apr 02, 2002	Collar Survey:	Y	Plugged:	N	Contractor:	Heath and Sherwood Drilling	Final Depth:	211.90
Date Completed:		Multishot Survey:	N	Hole Size:	NQ	Core Storage:			
Logged By:	B. McKay	Pulse EM Survey:	N	Casing:			

Comments:

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
8.00	176.77	-55.00	A	OK		**9.00**	176.80	-56.00	T	OK	
38.00	177.64	-54.00	A	OK		**68.00**	178.50	-54.00	A	OK	
98.00	179.37	-53.00	A	OK		**113.00**	179.80	-54.00	T	OK	
128.00	180.26	-53.00	A	OK		**158.00**	181.19	-53.00	A	OK	
188.00	182.12	-52.00	A	OK	Double Etch	**210.00**	182.80	-52.00	T	OK	
212.00	182.86	-52.00	A	OK							

Detailed Lithology

From	To	Rock	Sub	Lithology	Assay Data: Sample #	From	To	Length	AuAv
0	5.45	**0**		**Casing** **Other Details** 0 - 5.45 : Colour: -, Grain Size: -, FC: -, CO: -, Strat Code: -					

2.23773

42C12NW2004 2.23773 BOMBY

Hole Number: **W0215**

Units: METRIC

Detailed Lithology					Assay Data				
From	To	Rock	Sub	Lithology	Sample #	From	To	Length	AuAv
5.45	13.33	3		**3sefBi** **Typifying Characteristics** 5.45 - 13.33 : e, 0.1 %, 1 5.45 - 13.33 : c, 0.1 %, 2 5.45 - 13.33 : f, 3 %, 3 **Alteration** 5.45 - 13.33 : Bi, M, 1 5.45 - 13.33 : Sx, MS, 2 **Other Details** 5.45 - 13.33 : Colour: 37A, Grain Size: fg, FC: 5, CO: CC, Strat Code: - **Texture** 5.45 - 13.33 : f 5.45 - 13.33 : h 5.45 - 13.33 : j 5.45 - 13.33 : s 5.45 - 13.33 : e **Structure** 7.00 - 7.00 : FO, 30 13.33 - 13.33 : CT, 34					

Hole Number: **W0215**

Units: METRIC

Detailed Lithology					Assay Data				
From	To	Rock	Sub	Lithology	Sample #	From	To	Length	AuAv
13.33	40.45	4		**4klmt** **Alteration** 13.33 - 40.45 : Mx, W, 1 13.33 - 40.45 : Ax, W, 2 13.33 - 40.45 : Cx, VW, 3 **Other Details** 13.33 - 40.45 : Colour: 4PA8A, Grain Size: vfgfg, FC: 5, CO: BB, Strat Code: - **Texture** 13.33 - 40.45 : I 13.33 - 40.45 : M 13.33 - 40.45 : t 13.33 - 40.45 : k **Structure** 15.14 - 15.14 : CT, 33 18.00 - 18.00 : BD, 32 20.58 - 20.58 : CT, 35 24.44 - 24.44 : CT, 34 26.00 - 26.00 : BD, 35 31.00 - 31.00 : BD, 32 35.29 - 35.29 : CT, 35 40.45 - 40.45 : CT, 30					
			3	**MINOR INTERVALS:** **15.14 - 20.58 , 34klsefBi** **Other Details** 15.14 - 20.58 : Colour: -, Grain Size: -, FC: -, CO: -, Strat Code: - mixed 3 & 4 with 3 layers varying, 10-30cm					
			4	**24.44 - 35.29 , 43sfklBiCx** **Alteration** 24.44 - 35.29 : Bi, MS, 1 24.44 - 35.29 : Cx, M, 2 **Other Details** 24.44 - 35.29 : Colour: 3AN, Grain Size: mg, FC: 3, CO: BB, Strat Code: -					
			UK	**37.69 - 37.75 , QV** **Other Details** 37.69 - 37.75 : Colour: -, Grain Size: -, FC: -, CO: -, Strat Code: - creamy white					

Hole Number: **W0215**

Units: METRIC

Detailed Lithology					Assay Data				
From	To	Rock	Sub	Lithology	Sample #	From	To	Length	AuAv
40.45	55.00	3		**34scklfBi** **Typifying Characteristics** 40.45 - 55.00 : c, 15 %, 1; 40.45 - 55.00 : f, 1 %, 2 40.45 - 55.00 : e, 0.1 %, 3 **Other Details** 40.45 - 55.00 : Colour: 3A7A6PW, Grain Size: vfgfg, FC: 3, CO: BB, Strat Code: - **Texture** 40.45 - 55.00 : e 40.45 - 55.00 : f 40.45 - 55.00 : j 40.45 - 55.00 : k 40.45 - 55.00 : l 40.45 - 55.00 : s 40.45 - 55.00 : c **Structure** 45.00 - 45.00 : FO, 32 50.00 - 50.00 : FO, 34 55.00 - 55.00 : FO, 32					
			4	**MINOR INTERVALS:** **43.00 - 44.50 , 4kl** **Other Details** 43.00 - 44.50 : Colour: -, Grain Size: -, FC: -, CO: -, Strat Code: -					
			UK	**45.60 - 45.70 , Qtz knot** **Other Details** 45.60 - 45.70 : Colour: -, Grain Size: -, FC: -, CO: -, Strat Code: -					

DETAILED LOG

Hole Number: **W0215**

Units: METRIC

Detailed Lithology					Assay Data				
From	To	Rock	Sub	Lithology	Sample #	From	To	Length	AuAv
55.00	72.79	3		**3scfeBi** **Mineralization** 55.00 - 72.79 : Py, d, 0.01% **Typifying Characteristics** 55.00 - 72.79 : c, 50 %, 1 55.00 - 72.79 : f, 2 %, 2 55.00 - 72.79 : e, 0.1 %, 3 **Alteration** 55.00 - 72.79 : Sx, WM, 1 55.00 - 72.79 : Cx, WM, 2 55.00 - 72.79 : Bi, MS, 3 **Other Details** 55.00 - 72.79 : Colour: 37A, Grain Size: vfgfg, FC: 3, CO: BB, Strat Code: - **Texture** 55.00 - 72.79 : e 55.00 - 72.79 : f 55.00 - 72.79 : j 55.00 - 72.79 : k 55.00 - 72.79 : s 55.00 - 72.79 : c **Structure** 58.00 - 58.00 : FO, 40 60.00 - 60.00 : FO, 30 65.00 - 65.00 : FO, 30 70.00 - 70.00 : FO, 34					

Hole Number: **W0215**

Units: METRIC

Detailed Lithology					Assay Data				
From	To	Rock	Sub	Lithology	Sample #	From	To	Length	AuAv
72.79	84.97	4		**4klt** **Mineralization** 72.79 - 84.97 : Gt, d, 0.01% 72.79 - 84.97 : Py, d, 0.01% 72.79 - 84.97 : To, d, 0.01%; v **Alteration** 72.79 - 84.97 : Mx, VW, 1 72.79 - 84.97 : Ax, MS, 2 72.79 - 84.97 : Sx, W, 3 **Other Details** 72.79 - 84.97 : Colour: 5PA7UW6G, Grain Size: fgmg, FC: 3, CO: BB, Strat Code: - **Texture** 72.79 - 84.97 : I 72.79 - 84.97 : t 72.79 - 84.97 : k **Structure** 75.00 - 75.00 : BD, 27 80.00 - 80.00 : BD, 30 83.00 - 83.00 : BD, 30 84.97 - 84.97 : CT, 30					

Hole Number: **W0215**

Units: METRIC

Detailed Lithology					Assay Data				
From	To	Rock	Sub	Lithology	Sample #	From	To	Length	AuAv
84.97	98.00	4		**43klct** **Mineralization** 84.97 - 98.00 : Py, d, 0.01% **Typifying Characteristics** 84.97 - 98.00 : c, 30 % **Alteration** 84.97 - 98.00 : Mx, VW, 1 84.97 - 98.00 : Ax, MS, 2 84.97 - 98.00 : Sx, W, 3 **Other Details** 84.97 - 98.00 : Colour: 5PA8UW6G, Grain Size: vfgfg, FC: 3, CO: BB, Strat Code: - **Texture** 84.97 - 98.00 : k 84.97 - 98.00 : l 84.97 - 98.00 : t 84.97 - 98.00 : c **Structure** 90.00 - 90.00 : BD, 28 95.00 - 95.00 : BD, 28 98.00 - 98.00 : CT, 30, Planar; sharp					
98.00	138.86	4		**4klt** **Other Details** 98.00 - 138.86 : Colour: -, Grain Size: -, FC: -, CO: -, Strat Code: - similiar to ubnit above **Structure** 100.00 - 100.00 : BD, 30 105.00 - 105.00 : BD, 30 110.00 - 110.00 : BD, 28 115.00 - 115.00 : BD, 28 120.00 - 120.00 : BD, 30 125.00 - 125.00 : BD, 30 130.00 - 130.00 : BD, 34 135.00 - 135.00 : BD, 28					

Hole Number: **W0215**

Units: METRIC

Detailed Lithology					Assay Data				
From	To	Rock	Sub	Lithology	Sample #	From	To	Length	AuAv
138.86	143.76	4		**43klct** **Mineralization** 138.86 - 143.76 : Py, d, 0.01%; k **Typifying Characteristics** 138.86 - 143.76 : c, 20 % **Other Details** 138.86 - 143.76 : Colour: 4PA7UW, Grain Size: vfgfg, FC: 2, CO: AA, Strat Code: - similiar to above **Texture** 138.86 - 143.76 : k 138.86 - 143.76 : l 138.86 - 143.76 : M 138.86 - 143.76 : t 138.86 - 143.76 : c **Structure** 140.00 - 140.00 : BD, 33					
143.76	150.92	4		**4klt** **Other Details** 143.76 - 150.92 : Colour: 45AP, Grain Size: vfgfg, FC: 2, CO: AA, Strat Code: - similiar to above **Texture** 143.76 - 150.92 : l 143.76 - 150.92 : t 143.76 - 150.92 : k **Structure** 145.00 - 145.00 : BD, 32 150.00 - 150.00 : BD, 30					

Hole Number: **W0215**

Units: METRIC

Detailed Lithology					Assay Data				
From	To	Rock	Sub	Lithology	Sample #	From	To	Length	AuAv
150.92	162.60	4		**43klcfs** **Mineralization** 150.92 - 162.60 : Py, d, 1% **Typifying Characteristics** 150.92 - 162.60 : c, 5 %, 1 150.92 - 162.60 : f, 1 %, 2 **Alteration** 150.92 - 162.60 : Mx, VW, 1 150.92 - 162.60 : Bi, W, 2 **Other Details** 150.92 - 162.60 : Colour: 7GW8UW3A, Grain Size: vfgfg, FC: 3, CO: BB, Strat Code: - **Texture** 150.92 - 162.60 : f 150.92 - 162.60 : k 150.92 - 162.60 : l 150.92 - 162.60 : c **Structure** 155.00 - 155.00 : BD, 33 160.00 - 160.00 : BD, 35					

Hole Number: **W0215**

Units: METRIC

Detailed Lithology					Assay Data				
From	To	Rock	Sub	Lithology	Sample #	From	To	Length	AuAv
162.60	169.64	3		**34scfklBi** **Mineralization** 162.60 - 169.64 : Py, d, 1% **Typifying Characteristics** 162.60 - 169.64 : c, 5 %, 1 162.60 - 169.64 : f, 1 %, 2 **Alteration** 162.60 - 169.64 : Sx, M, 1 162.60 - 169.64 : Bi, M, 2 162.60 - 169.64 : Mx, W, 3 162.60 - 169.64 : Cx, W, 4 **Other Details** 162.60 - 169.64 : Colour: 3A7A, Grain Size: fgmg, FC: 2, CO: BB, Strat Code: - **Texture** 162.60 - 169.64 : f 162.60 - 169.64 : k 162.60 - 169.64 : l 162.60 - 169.64 : s 162.60 - 169.64 : t 162.60 - 169.64 : c **Structure** 165.00 - 165.00 : FO, 25					
			11	**MINOR INTERVALS:** **168.65 - 168.85 , 11** **Other Details** 168.65 - 168.85 : Colour: -, Grain Size: -, FC: -, CO: -, Strat Code: -					

Hole Number: **W0215**

Units: METRIC

Detailed Lithology					Assay Data				
From	To	Rock	Sub	Lithology	Sample #	From	To	Length	AuAv
169.64	195.18	3		**3sfecBi** **Mineralization** 169.64 - 195.18 : Mo, 0.01%; ??? 169.64 - 195.18 : Py, d, 1%; I 169.64 - 195.18 : To, d, 0.01%; v **Typifying Characteristics** 169.64 - 195.18 : f, 1 %, 1 169.64 - 195.18 : e, 0.1 %, 2 169.64 - 195.18 : c, 20 %, 3 **Alteration** 169.64 - 195.18 : Sx, MS, 1 169.64 - 195.18 : Bi, W, 2 169.64 - 195.18 : Cx, W, 3 **Other Details** 169.64 - 195.18 : Colour: 5GBA, Grain Size: fgmg, FC: 3, CO: BB, Strat Code: - **Texture** 169.64 - 195.18 : e 169.64 - 195.18 : f 169.64 - 195.18 : j 169.64 - 195.18 : s 169.64 - 195.18 : t 169.64 - 195.18 : c **Structure** 170.00 - 170.00 : FO, 29 175.00 - 175.00 : FO, 28 180.00 - 180.00 : FO, 30 185.00 - 185.00 : FO, 26 185.00 - 190.00 : FO, 25 190.00 - 195.00 : FO, 30 195.18 - 195.18 : CT, 34; sharp					

DETAILED LOG

Hole Number: **W0215**

Units: METRIC

Detailed Lithology

From	To	Rock	Sub	Lithology
195.18	211.90	3		**34seckIBi** **Mineralization** 195.18 - 211.90 : Py, d, 2%; k, l **Typifying Characteristics** 195.18 - 211.90 : e, 0.1 %, 1 195.18 - 211.90 : c, 5 %, 2 **Alteration** 195.18 - 211.90 : Bi, MS, 1 195.18 - 211.90 : Sx, M, 2 195.18 - 211.90 : Cx, VW, 3 **Other Details** 195.18 - 211.90 : Colour: 64AN, Grain Size: fgmg, FC: 3, CO: BB, Strat Code: - **Structure** 200.00 - 200.00 : FO, 30 205.00 - 205.00 : FO, 28

Assay Data

Sample #	From	To	Length	AuAv

Samples

Sample #	From	To	Au1 gpt	Au1R	Au2 gpt	Au2R	Au3 gpt	Au3R	Au4 gpt	Au4R	Au5 gpt	Au5R	Au6 gpt	Au6R	Au7 gpt	Au7R	Au8 gpt	Au8R	AuAv gpt

DETAILED LOG

Hole Number: **W0220**

Units: METRIC

Project Name:	C Zone	Primary Coordinates	Grid: CZ		Destination Coordinates	Grid: BZ	Collar Dip:
Project Number:	CZ	North:	94119.42		North:	9433.13	Collar Az:
Location:		East:	78426.35		East:	8210.67	Length: 152.02
		Elev:	10328.98		Elev:	10328.98	Start Depth: 0.00
Date Started:	May 21, 2002	Collar Survey:	Y	Plugged: N	Contractor:		Final Depth: 152.02
Date Completed:		Multishot Survey:	N	Hole Size:	Core Storage:		
Logged By:	Doug Cater	Pulse EM Survey:	N	Casing:			

Comments:

28-05-02

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
11.00	179.40	-54.00	R	OK		**41.00**	179.00	-53.30	R	OK	
71.00	180.20	-52.90	R	OK		**101.00**	180.80	-52.60	R	OK	
131.00	180.20	-52.10	R	OK		**152.00**	180.80	-51.90	R	OK	

DETAILED LOG

Hole Number: **W0220**

Units: METRIC

Detailed Lithology

From	To	Rock	Sub	Lithology
0	18.60	3		**3fes** **Mineralization** 0.00 - 18.60 : Cb, v, 1% 0.00 - 18.60 : Py, d, 0.1% 0.00 - 18.60 : Qz, v, 3% 0.00 - 18.60 : To, v, 0.1% **Typifying Characteristics** 0.00 - 18.60 : e, 3 % 0.00 - 18.60 : f, 10 % **Alteration** 0.00 - 18.60 : Mx, W 0.00 - 18.60 : Sx, W 0.00 - 18.60 : Bi, W **Other Details** 0 - 18.60 : Colour: 7AK, Grain Size: mg, FC: 4, CO: BB, Strat Code: - **Texture** 0 - 18.60 : f 0 - 18.60 : e **Structure** 4.00 - 4.00 : FO, 15 9.00 - 9.00 : FO, 20 13.00 - 13.00 : FO, 15 17.00 - 17.00 : FO, 22 0.0-2.0 - highly fractured and ground core - RQD = 6.5% - All fragments are same as host 7.30-7.70 - locally bleached zone within the 3fes unit centered upon a 2.0cm chl brecciated gouge fault @ 70 degrees 9.20 - 9.60 - similar to bleached zone described above with 1.5 cm chl mud gouge fault @ 9.5 m@25 degrees 11.68 - 3cm yellowish white crb/qtz/tourmaline veinlet @ 18 degrees Tr dissem py. 23.0 - 29.0 core is quite hightly fractured throughout- some evidence grinding RQD = 50%

Assay Data

Sample #	From	To	Length	AuAv
W0220-001	0.00	1.00	1.00	
W0220-002	1.00	2.00	1.00	
W0220-003	2.00	3.00	1.00	
W0220-004	3.00	4.00	1.00	
W0220-005	4.00	5.00	1.00	
W0220-006	5.00	6.00	1.00	
W0220-007	6.00	7.00	1.00	
W0220-008	7.00	8.00	1.00	
W0220-009	8.00	9.00	1.00	
W0220-010	9.00	10.00	1.00	
W0220-011	10.00	11.00	1.00	
W0220-012	11.00	12.00	1.00	
W0220-013	12.00	13.00	1.00	
W0220-014	13.00	14.00	1.00	
W0220-015	14.00	15.00	1.00	
W0220-016	15.00	16.00	1.00	
W0220-017	16.00	17.00	1.00	
W0220-018	17.00	18.00	1.00	
W0220-019	18.00	18.60	0.60	

Hole Number: **W0220**

Units: METRIC

Detailed Lithology

From	To	Rock	Sub	Lithology
18.60	86.34	3		**3cfsBiMu**
				Mineralization
				18.60 - 86.34 : Cb, v, 1%
				18.60 - 86.34 : Py, d, 0.5%
				18.60 - 86.34 : Qz, v, 2%
				Typifying Characteristics
				18.60 - 86.34 : c, 5 %
				18.60 - 86.34 : f, 10 %
				Alteration
				18.60 - 86.34 : Bi, W
				18.60 - 86.34 : Sx, M
				18.60 - 86.34 : Mx, W
				Other Details
				18.60 - 86.34 : Colour: 6A / 4AG, Grain Size: fgmg, FC: 7, CO: DD, Strat Code: -
				Texture
				18.60 - 86.34 : t
				Structure
				22.00 - 22.00 : FO, 16
				27.00 - 27.00 : FO, 22
				34.00 - 34.00 : FO, 16
				39.00 - 39.00 : FO, 15
				47.00 - 47.00 : FO, 16
				52.00 - 52.00 : FO, 18
				58.00 - 58.00 : FO, 20
				64.00 - 64.00 : FO, 22
				68.00 - 68.00 : FO, 20
				73.00 - 73.00 : FO, 16
				78.00 - 78.00 : FO, 22
				82.00 - 82.00 : FO, 16
				86.00 - 86.00 : FO, 22
				22.78 - 1cm zone of rubble/fractured core chl/crb gouge fault is observed @18 degrees
				29.70 - discontinous 2cm white qtz veinlet irregular orientation - ground and fractured
				34.35 - 35.40 - host 3 becomes enriched with blue grey qtz and feldspathized 1% fine dissem py.
				42.85-43.30 - porphyry has a pale brown k-spar matrix with numenous 20% feldspar phenos
				44.42- 1.5cm chl mud gouge fault @42 degrees
				45.36 - 13 cm blue grey qtz pinkish white carb veinlet tr. moly @ 1% py blebs @ 22 degrees
				50.30 - 12cm zone of broken and ground core
				50.43 - 6cm greyish white qtz veinlet @ 20 degrees
				#11 dyke - medium green colour trails @ 25 degrees
				50.95 - 4cm pinkish white qtz veinlet @ 40 degrees irregular - 2% py. dissen and fracture coatings
				52.55 - 56.0 zone of highly fractured core - RQD = 36%
				54.13 - 2cm chl/carb gouge fault @ 21 degrees
				58.50 - 61.25 zone of feldspar rich yellow porphyry - obliteration of phenos and ghost phenos

Assay Data

Sample #	From	To	Length	AuAv
W0220-021	18.60	19.00	0.40	
W0220-022	19.00	20.00	1.00	
W0220-023	20.00	21.00	1.00	
W0220-024	21.00	22.00	1.00	
W0220-025	22.00	23.00	1.00	
W0220-026	23.00	24.00	1.00	
W0220-027	24.00	25.00	1.00	
W0220-028	25.00	26.00	1.00	
W0220-029	26.00	27.00	1.00	
W0220-030	27.00	28.00	1.00	
W0220-031	28.00	29.00	1.00	
W0220-032	29.00	30.00	1.00	
W0220-033	30.00	31.00	1.00	
W0220-034	31.00	32.00	1.00	
W0220-035	32.00	33.00	1.00	
W0220-036	33.00	34.00	1.00	
W0220-037	34.00	35.00	1.00	
W0220-038	35.00	36.00	1.00	
W0220-039	36.00	37.00	1.00	
W0220-041	37.00	38.00	1.00	
W0220-042	38.00	39.00	1.00	
W0220-043	39.00	40.00	1.00	
W0220-044	40.00	41.00	1.00	
W0220-045	41.00	42.00	1.00	
W0220-046	42.00	43.00	1.00	
W0220-047	43.00	44.00	1.00	
W0220-048	44.00	45.00	1.00	
W0220-049	45.00	46.00	1.00	
W0220-050	46.00	47.00	1.00	
W0220-051	47.00	48.00	1.00	
W0220-052	48.00	49.00	1.00	
W0220-053	49.00	50.00	1.00	
W0220-054	50.00	51.00	1.00	
W0220-055	51.00	52.00	1.00	
W0220-056	52.00	53.00	1.00	
W0220-057	53.00	54.00	1.00	
W0220-058	54.00	55.00	1.00	
W0220-059	55.00	56.00	1.00	
W0220-061	56.00	57.00	1.00	
W0220-062	57.00	58.00	1.00	
W0220-063	58.00	59.00	1.00	
W0220-064	59.00	60.00	1.00	

Hole Number: **W0220**

Units: METRIC

Detailed Lithology				
From	To	Rock	Sub	Lithology
				64.0 - 3cm qtz/crb/ "t" vein @ 21 degrees TR PY 64.62 - 6 cm bleached qtz/ crb fault @ 10 degrees- core is easily fractured - minor mud and 1 % py.

Assay Data				
Sample #	From	To	Length	AuAv
W0220-065	60.00	61.00	1.00	
W0220-066	61.00	62.00	1.00	
W0220-067	62.00	63.00	1.00	
W0220-068	63.00	63.90	0.90	
W0220-069	63.90	65.00	1.10	
W0220-070	65.00	66.00	1.00	
W0220-071	66.00	67.00	1.00	
W0220-072	67.00	68.00	1.00	
W0220-073	68.00	69.00	1.00	
W0220-074	69.00	70.00	1.00	
W0220-075	70.00	71.00	1.00	
W0220-076	71.00	71.55	0.55	
W0220-077	71.55	71.87	0.32	
W0220-078	71.87	73.00	1.13	
W0220-079	73.00	74.00	1.00	
W0220-081	74.00	75.00	1.00	
W0220-082	75.00	76.00	1.00	
W0220-083	76.00	77.00	1.00	
W0220-084	77.00	78.00	1.00	
W0220-085	78.00	79.00	1.00	
W0220-086	79.00	80.00	1.00	
W0220-087	80.00	81.00	1.00	
W0220-088	81.00	82.00	1.00	
W0220-089	82.00	82.60	0.60	
W0220-090	82.60	83.26	0.66	
W0220-091	83.26	84.00	0.74	
W0220-092	84.00	84.40	0.40	
W0220-093	84.40	85.00	0.60	
W0220-094	85.00	86.00	1.00	
W0220-095	86.00	86.34	0.34	

Hole Number: **W0220**

Units: METRIC

Detailed Lithology					Assay Data				
From	To	Rock	Sub	Lithology	Sample #	From	To	Length	AuAv
			11	**MINOR INTERVALS:** ~~50.49 - 50.56 , 11~~ **Other Details** 50.49 - 50.56 : Colour: 5A, Grain Size: fg, FC: 6, CO: CC, Strat Code: -					
			11	**71.55 - 71.87 , 11** **Other Details** 71.55 - 71.87 : Colour: 5A, Grain Size: fg, FC: 6, CO: CC, Strat Code: - 71.55 - leading contact is sharp @ 12 degrees Trailing contact is @ 14 degrees 79.34 - hairline fractures filled with pyrite @ 3 degrees					
			12	**83.26 - 84.40 , 12NCx** **Mineralization** 83.26 - 84.40 : Cb, v, 2% 83.26 - 84.40 : Py, d, 0.1% 83.26 - 84.40 : Qz, v, 3% **Alteration** 83.26 - 84.40 : Cx, M **Other Details** 83.26 - 84.40 : Colour: 3G, Grain Size: -, FC: 9, CO: DD, Strat Code: - **Texture** 83.26 - 84.40 : n 83.26 - sharp contact is @ 27 degrees natural tr. py. smeared along the contact 84.40 - 84.80 - zone of highly fractured broken core - RQD = 0 84.49 - 1.5cm chl/ crb mud gouge fault @ 15 degrees 86.25 - 86.34 - 9cm blue grey cherty qtz/milky white qtz @ 20 degrees locally 3 % py. observed as fracture filling @ 15 degrees 5 points V.G. observed with 10X lense					
86.34	89.42	11		**11f** **Mineralization** 86.34 - 89.42 : Cb, v, 1% 86.34 - 89.42 : Py, d, 0.1% 86.34 - 89.42 : Qz, v, 2% **Alteration** 86.34 - 89.42 : Bi, M 86.34 - 89.42 : Cx, W **Other Details** 86.34 - 89.42 : Colour: 3AG, Grain Size: fgmg, FC: 7, CO: CC, Strat Code: - **Texture** 86.34 - 89.42 : t **Structure** 86.34 - 89.42 : 86.34 - leading contact is @ 20 degrees trailing @ 25 degrees 87.94 -1.0 cm qtz/crb "t" veinlet @ 10 degrees 3 % blebby py.	W0220-096	86.34	87.00	0.66	
					W0220-097	87.00	88.00	1.00	
					W0220-098	88.00	88.70	0.70	
					W0220-099	88.70	89.42	0.72	

Hole Number: **W0220**

Units: METRIC

Detailed Lithology

From	To	Rock	Sub	Lithology
89.42	152.02	3		**3fsBiMupy**
				Mineralization
				89.42 - 152.02 : Py, d, 0.1%
				89.42 - 152.02 : Qz, v, 1%
				Typifying Characteristics
				89.42 - 152.02 : f, 15 %
				Alteration
				89.42 - 152.02 : Mx, M
				89.42 - 152.02 : Bi, M
				89.42 - 152.02 : Sx, W
				Other Details
				89.42 - 152.02 : Colour: 6AK, Grain Size: mg, FC: 4, CO: BB, Strat Code: -
				Texture
				89.42 - 152.02 : f
				Structure
				91.50 - 91.50 : FO, 20
				96.00 - 96.00 : FO, 25
				101.50 - 101.50 : FO, 23
				105.00 - 105.00 : FO, 20
				111.00 - 111.00 : FO, 23
				115.50 - 115.50 : FO, 30
				120.00 - 120.00 : FO, 22
				124.00 - 124.00 : FO, 21
				128.00 - 128.00 : FO, 21
				133.00 - 133.00 : FO, 25
				138.00 - 138.00 : FO, 35
				143.00 - 143.00 : FO, 20
				148.00 - 148.00 : FO, 14
				119.66 1 cm coarsly chl breciated band within bleached section of porphyny @ 20 degrees
				119.88 2cm t filled fracture @ 18 degrees 1% dessem py
				122.95 - 3cm yellowish white crb/musc. gouge film coated along core ends
				126.14 - 20 cm milky white qtz knot @ 70 degrees crb/muscovite/chl along margins 2% py.
				128.62 - 3cm soft crb/chl/muscovite vuggy zone @ 20 degrees
				132.07 - 1cm white crb/musco./chl gouge coated seam @ 26 degrees
				132.21 - 19 cm white qtz/crb veinlet @ 25 degrees minor coarse flakes muscovite present
				135.75 - 5cm laminated "t" with chl @ 21 degrees tr. dissem py.
				136.30 - 1 cm greenish grey cherty qtz stringer @ 45 degrees x-cuts foliation
				137.10 - 137.28 Intensely bleached silicified "t" - 1% py. @ 14 degrees
				138.27 - 5cm yellowish orange qtz/ crb veinlet @ 63 degrees 1% py.
				142.10 - 2cm white crb/qtz/amphibolite stringer @ 25 degrees local bleaching of hostrock for 10 cm on either side of this feature
				143.33 - 22cm bleached + silic light grey green porphyry @ 10 degrees - 2% dissem and fracture fill py.
				151.24 - 5cm yellowish-white bleached/siliceous "t" @ 15 degrees
				151.82 - 2.5 cm calc-silicate stringer @ 30 degrees 2 / fine dissem py.
				@ 152.02 END OF HOLE

Assay Data

Sample #	From	To	Length	AuAv
W0220-101	89.42	90.00	0.58	
W0220-102	90.00	91.00	1.00	
W0220-103	91.00	91.60	0.60	
W0220-104	91.60	91.92	0.32	
W0220-105	91.92	93.00	1.08	
W0220-106	93.00	94.05	1.05	
W0220-107	94.05	94.70	0.65	
W0220-108	94.70	95.25	0.55	
W0220-109	95.25	96.00	0.75	
W0220-110	96.00	97.00	1.00	
W0220-111	97.00	98.00	1.00	
W0220-112	98.00	99.00	1.00	
W0220-113	99.00	100.00	1.00	
W0220-114	100.00	101.00	1.00	
W0220-115	101.00	101.50	0.50	
W0220-116	101.50	102.00	0.50	
W0220-117	102.00	103.00	1.00	
W0220-118	103.00	104.00	1.00	
W0220-119	104.00	105.00	1.00	
W0220-121	105.00	106.00	1.00	
W0220-122	106.00	107.00	1.00	
W0220-123	107.00	107.85	0.85	
W0220-124	107.85	108.50	0.65	
W0220-125	108.50	109.16	0.66	
W0220-126	109.16	110.00	0.84	
W0220-127	110.00	111.00	1.00	
W0220-128	111.00	112.00	1.00	
W0220-129	112.00	113.00	1.00	
W0220-130	113.00	114.00	1.00	
W0220-131	114.00	114.60	0.60	
W0220-132	114.60	115.06	0.46	
W0220-133	115.06	116.00	0.94	
W0220-134	116.00	117.00	1.00	
W0220-135	117.00	118.00	1.00	
W0220-136	118.00	119.00	1.00	
W0220-137	119.00	120.00	1.00	
W0220-138	120.00	121.00	1.00	
W0220-139	121.00	122.00	1.00	
W0220-141	122.00	123.00	1.00	
W0220-142	123.00	124.00	1.00	
W0220-143	124.00	125.00	1.00	
W0220-144	125.00	126.00	1.00	

Hole Number: **W0220**

Units: METRIC

Detailed Lithology				
From	To	Rock	Sub	Lithology

Assay Data				
Sample #	From	To	Length	AuAv
W0220-145	126.00	127.00	1.00	
W0220-146	127.00	128.00	1.00	
W0220-147	128.00	129.00	1.00	
W0220-148	129.00	130.00	1.00	
W0220-149	130.00	131.00	1.00	
W0220-150	131.00	132.00	1.00	
W0220-151	132.00	133.00	1.00	
W0220-152	133.00	134.00	1.00	
W0220-153	134.00	135.00	1.00	
W0220-154	135.00	136.00	1.00	
W0220-155	136.00	137.00	1.00	
W0220-156	137.00	137.40	0.40	
W0220-157	137.40	138.00	0.60	
W0220-158	138.00	139.00	1.00	
W0220-159	139.00	140.00	1.00	
W0220-161	140.00	141.00	1.00	
W0220-162	141.00	142.00	1.00	
W0220-163	142.00	143.00	1.00	
W0220-164	143.00	144.00	1.00	
W0220-165	144.00	145.00	1.00	
W0220-166	145.00	146.00	1.00	
W0220-167	146.00	146.70	0.70	
W0220-168	146.70	147.67	0.97	
W0220-169	147.67	148.40	0.73	
W0220-170	148.40	149.00	0.60	
W0220-171	149.00	150.00	1.00	
W0220-172	150.00	151.00	1.00	
W0220-173	151.00	152.02	1.02	

Hole Number: **W0220**

Units: METRIC

Detailed Lithology					Assay Data				
From	To	Rock	Sub	Lithology	Sample #	From	To	Length	AuAv
				MINOR INTERVALS:					
			12	**91.60 - 92.00 , 12Cx**					
				Alteration					
				91.60 - 92.00 : Cx, M					
				Other Details					
				91.60 - 92.00 : Colour: 3G, Grain Size: fg, FC: 1, CO: AA, Strat Code: -					
				91.60-92.0 - similar to 12 described uphole leading contact @ 12 degrees trailing @ 18 degrees 94.05 - tight 0..5cm chl gouge coated fault @ 10 degrees forms contact with the 12Cx 95.15.15 - tight chl gouge coated fault @ 30 degrees					
			12	**94.05 - 95.25 , 12n Cx**					
				Mineralization					
				94.05 - 95.25 : Cb, v, 10%					
				94.05 - 95.25 : Qz, b, 3%					
				Alteration					
				94.05 - 95.25 : Cx, M					
				Other Details					
				94.05 - 95.25 : Colour: 3G, Grain Size: fg, FC: 8, CO: CC, Strat Code: -					
				95.25 - trailing contact is along a 4cm/qtz/crb/bio veinlet @ 32 degrees tr. py.					
			3	**100.00 - 101.05 , 3fsBiMu6s**					
				Mineralization					
				100.00 - 101.05 : Cb, v, 1%					
				100.00 - 101.05 : Py, d, 1%					
				100.00 - 101.05 : Qz, v, 3%					
				Typifying Characteristics					
				100.00 - 101.05 : f, 5 %					
				Alteration					
				100.00 - 101.05 : Bi, WM					
				100.00 - 101.05 : Sx, M					
				100.00 - 101.05 : Mx, WM					
				Other Details					
				100.00 - 101.05 : Colour: 7AU, Grain Size: mg, FC: 7, CO: CC, Strat Code: -					
				Texture					
				100.00 - 101.05 : t					
				101.65 - 101.85 - local qtz flood zone @ 22 degrees 3% dissem and blebby and fracture filled py. 104.0 - 104.56 - appears to be a 3 - 4 lithology - minor quantity of bedded metaseds @ 18 degrees but porphyritic texture (phenos) is still observed but frequency is lower 104.58 - 105.0 zone of broken and ground core RQD = 0 106.60 - 2cm yellowish white qtz/crb veinlet @50 degrees this veinlet is offset 1.5 cm by a 0.1cm healed white qtz/crb fault@ 75 degrees dextral movement					

Hole Number: **W0220**

Units: METRIC

Detailed Lithology					Assay Data				
From	To	Rock	Sub	Lithology	Sample #	From	To	Length	AuAv
				MINOR INTERVALS:					
			12	**107.85 - 109.16 , 12Ncx**					
				Mineralization					
				107.85 - 109.16 : Cb, v, 3%					
				Alteration					
				107.85 - 109.16 : Cx, M					
				Other Details					
				107.85 - 109.16 : Colour: 3G, Grain Size: fg, FC: 12, CO: EE, Strat Code: -					
				107.85 - 109.16 - zone of highly fractured ground core RQD over interval = 17% 107.85 - leading contact is sharp and natural @ 72 degrees trailing is @ 24 degrees 107.92 - 1cm soft pale green chl mud gouge coated fault seam @ 50 degrees 108.0 - 108.2 zone of rubby ground core contains soft white crb gouge on core surface 108.80 - 109.0 - zone of pyrite rich # 12 containing 1 - 2% dissem and fracture filled py.					
			4	**111.10 - 111.43 , 4Bi oy**					
				Mineralization					
				111.10 - 111.43 : Cb, v, 1%					
				111.10 - 111.43 : Py, d, 0.1%					
				111.10 - 111.43 : Qz, v, 3%					
				Alteration					
				111.10 - 111.43 : Bi, W					
				Other Details					
				111.10 - 111.43 : Colour: 4AU, Grain Size: fg, FC: 2, CO: AA, Strat Code: -					
				Texture					
				111.10 - 111.43 : d					
				111.10 - 111.43 : b					
				111.10 - small band of Metaseds - well bedded @ 35 degrees caught up within the porphyry 111.43 - 2cm chl/crb gouge fault @ 31 degrees					
			12	**111.43 - 111.67 , 12nCx**					
				Mineralization					
				111.43 - 111.67 : Cb, v, 3%					
				111.43 - 111.67 : Py, d, 0.1%					
				Alteration					
				111.43 - 111.67 : Cx, M					
				Other Details					
				111.43 - 111.67 : Colour: 3G, Grain Size: fg, FC: -, CO: -, Strat Code: -					
				111.43 - 111.67 description is similar to that noted further up hole 111.67 sharp natural contact @ 4 degrees 114.48 - 1.5 cm pinkish white crb/qtz/amphibole filled fracture @ 23 degrees					

Hole Number: **W0220**

Units: METRIC

Detailed Lithology					Assay Data				
From	To	Rock	Sub	Lithology	Sample #	From	To	Length	AuAv
				MINOR INTERVALS:					
			12	**114.60 - 115.06 , 12nCx**					
				Mineralization					
				114.60 - 115.06 : Cb, v, 2%					
				114.60 - 115.06 : Py, d, 0.1%					
				114.60 - 115.06 : Qz, v, 4%					
				Alteration					
				114.60 - 115.06 : Cx, M					
				Other Details					
				114.60 - 115.06 : Colour: 3G, Grain Size: fg, FC: -, CO: -, Strat Code: -					
				114.1 - 115.06 core is broken and ground RQD = 0 - fine mud gouge coating is observed on core ends 114.1 leading contact is @ 32 degrees trailing is @ 18 degrees					
			12	**116.82 - 116.92 , 12 nCx**					
				Other Details					
				116.82 - 116.92 : Colour: -, Grain Size: -, FC: -, CO: -, Strat Code: -					
				116.82 - description is similar to above @ 116.82 leading contact is @ 20 degrees trailing contract is a 1cm qtz / crb/ amphibole filled fracture 1% py @ 28 degrees probable "T"					
			3	**145.20 - 145.40 , 3 / 4**					
				Other Details					
				145.20 - 145.40 : Colour: -, Grain Size: -, FC: -, CO: -, Strat Code: -					
				145.20 - 20 cm zone of 3 metavolcs /4 metaseds- finely bedded within the porphyry					
			12	**146.70 - 147.67 , 12nCx**					
				Mineralization					
				146.70 - 147.67 : Cb, v, 10%					
				146.70 - 147.67 : Py, d, 0.1%					
				Alteration					
				146.70 - 147.67 : Cx, M					
				Other Details					
				146.70 - 147.67 : Colour: 3G, Grain Size: fgmg, FC: 5, CO: CC, Strat Code: -					
				146.70 - leading contact is sharp and natural @ 70 degrees trailings is natural and @ 45 degrees					

DETAILED LOG

Hole Number: **W0220**

Units: METRIC

Samples

Sample #	From	To	Au1 gpt	Au1R	Au2 gpt	Au2R	Au3 gpt	Au3R	Au4 gpt	Au4R	Au5 gpt	Au5R	Au6 gpt	Au6R	Au7 gpt	Au7R	Au8 gpt	Au8R	AuAv gpt
ASSAY																			
W0220-001	0	1.00																	
W0220-002	1.00	2.00																	
W0220-003	2.00	3.00																	
W0220-004	3.00	4.00																	
W0220-005	4.00	5.00																	
W0220-006	5.00	6.00																	
W0220-007	6.00	7.00																	
W0220-008	7.00	8.00																	
W0220-009	8.00	9.00																	
W0220-010	9.00	10.00																	
W0220-011	10.00	11.00																	
W0220-012	11.00	12.00																	
W0220-013	12.00	13.00																	
W0220-014	13.00	14.00																	
W0220-015	14.00	15.00																	
W0220-016	15.00	16.00																	
W0220-017	16.00	17.00																	
W0220-018	17.00	18.00																	
W0220-019	18.00	18.60																	
W0220-021	18.60	19.00																	
W0220-022	19.00	20.00																	
W0220-023	20.00	21.00																	
W0220-024	21.00	22.00																	
W0220-025	22.00	23.00																	
W0220-026	23.00	24.00																	
W0220-027	24.00	25.00																	
W0220-028	25.00	26.00																	
W0220-029	26.00	27.00																	
W0220-030	27.00	28.00																	
W0220-031	28.00	29.00																	
W0220-032	29.00	30.00																	
W0220-033	30.00	31.00																	
W0220-034	31.00	32.00																	
W0220-035	32.00	33.00																	
W0220-036	33.00	34.00																	
W0220-037	34.00	35.00																	
W0220-038	35.00	36.00																	
W0220-039	36.00	37.00																	
W0220-041	37.00	38.00																	
W0220-042	38.00	39.00																	
W0220-043	39.00	40.00																	

Hole Number: **W0220**

Units: METRIC

Samples

Sample #	From	To	Au1 gpt	Au1R	Au2 gpt	Au2R	Au3 gpt	Au3R	Au4 gpt	Au4R	Au5 gpt	Au5R	Au6 gpt	Au6R	Au7 gpt	Au7R	Au8 gpt	Au8R	AuAv gpt
ASSAY																			
W0220-044	40.00	41.00																	
W0220-045	41.00	42.00																	
W0220-046	42.00	43.00																	
W0220-047	43.00	44.00																	
W0220-048	44.00	45.00																	
W0220-049	45.00	46.00																	
W0220-050	46.00	47.00																	
W0220-051	47.00	48.00																	
W0220-052	48.00	49.00																	
W0220-053	49.00	50.00																	
W0220-054	50.00	51.00																	
W0220-055	51.00	52.00																	
W0220-056	52.00	53.00																	
W0220-057	53.00	54.00																	
W0220-058	54.00	55.00																	
W0220-059	55.00	56.00																	
W0220-061	56.00	57.00																	
W0220-062	57.00	58.00																	
W0220-063	58.00	59.00																	
W0220-064	59.00	60.00																	
W0220-065	60.00	61.00																	
W0220-066	61.00	62.00																	
W0220-067	62.00	63.00																	
W0220-068	63.00	63.90																	
W0220-069	63.90	65.00																	
W0220-070	65.00	66.00																	
W0220-071	66.00	67.00																	
W0220-072	67.00	68.00																	
W0220-073	68.00	69.00																	
W0220-074	69.00	70.00																	
W0220-075	70.00	71.00																	
W0220-076	71.00	71.55																	
W0220-077	71.55	71.87																	
W0220-078	71.87	73.00																	
W0220-079	73.00	74.00																	
W0220-081	74.00	75.00																	
W0220-082	75.00	76.00																	
W0220-083	76.00	77.00																	
W0220-084	77.00	78.00																	
W0220-085	78.00	79.00																	
W0220-086	79.00	80.00																	

Hole Number: **W0220**

Units: METRIC

Samples

Sample #	From	To	Au1 gpt	Au1R	Au2 gpt	Au2R	Au3 gpt	Au3R	Au4 gpt	Au4R	Au5 gpt	Au5R	Au6 gpt	Au6R	Au7 gpt	Au7R	Au8 gpt	Au8R	AuAv gpt
ASSAY																			
W0220-087	80.00	81.00																	
W0220-088	81.00	82.00																	
W0220-089	82.00	82.60																	
W0220-090	82.60	83.26																	
W0220-091	83.26	84.00																	
W0220-092	84.00	84.40																	
W0220-093	84.40	85.00																	
W0220-094	85.00	86.00																	
W0220-095	86.00	86.34																	
W0220-096	86.34	87.00																	
W0220-097	87.00	88.00																	
W0220-098	88.00	88.70																	
W0220-099	88.70	89.42																	
W0220-101	89.42	90.00																	
W0220-102	90.00	91.00																	
W0220-103	91.00	91.60																	
W0220-104	91.60	91.92																	
W0220-105	91.92	93.00																	
W0220-106	93.00	94.05																	
W0220-107	94.05	94.70																	
W0220-108	94.70	95.25																	
W0220-109	95.25	96.00																	
W0220-110	96.00	97.00																	
W0220-111	97.00	98.00																	
W0220-112	98.00	99.00																	
W0220-113	99.00	100.00																	
W0220-114	100.00	101.00																	
W0220-115	101.00	101.50																	
W0220-116	101.50	102.00																	
W0220-117	102.00	103.00																	
W0220-118	103.00	104.00																	
W0220-119	104.00	105.00																	
W0220-121	105.00	106.00																	
W0220-122	106.00	107.00																	
W0220-123	107.00	107.85																	
W0220-124	107.85	108.50																	
W0220-125	108.50	109.16																	
W0220-126	109.16	110.00																	
W0220-127	110.00	111.00																	
W0220-128	111.00	112.00																	
W0220-129	112.00	113.00																	

Hole Number: **W0220**

Units: METRIC

Samples

Sample #	From	To	Au1 gpt	Au1R	Au2 gpt	Au2R	Au3 gpt	Au3R	Au4 gpt	Au4R	Au5 gpt	Au5R	Au6 gpt	Au6R	Au7 gpt	Au7R	Au8 gpt	Au8R	AuAv gpt
ASSAY																			
W0220-130	113.00	114.00																	
W0220-131	114.00	114.60																	
W0220-132	114.60	115.06																	
W0220-133	115.06	116.00																	
W0220-134	116.00	117.00																	
W0220-135	117.00	118.00																	
W0220-136	118.00	119.00																	
W0220-137	119.00	120.00																	
W0220-138	120.00	121.00																	
W0220-139	121.00	122.00																	
W0220-141	122.00	123.00																	
W0220-142	123.00	124.00																	
W0220-143	124.00	125.00																	
W0220-144	125.00	126.00																	
W0220-145	126.00	127.00																	
W0220-146	127.00	128.00																	
W0220-147	128.00	129.00																	
W0220-148	129.00	130.00																	
W0220-149	130.00	131.00																	
W0220-150	131.00	132.00																	
W0220-151	132.00	133.00																	
W0220-152	133.00	134.00																	
W0220-153	134.00	135.00																	
W0220-154	135.00	136.00																	
W0220-155	136.00	137.00																	
W0220-156	137.00	137.40																	
W0220-157	137.40	138.00																	
W0220-158	138.00	139.00																	
W0220-159	139.00	140.00																	
W0220-161	140.00	141.00																	
W0220-162	141.00	142.00																	
W0220-163	142.00	143.00																	
W0220-164	143.00	144.00																	
W0220-165	144.00	145.00																	
W0220-166	145.00	146.00																	
W0220-167	146.00	146.70																	
W0220-168	146.70	147.67																	
W0220-169	147.67	148.40																	
W0220-170	148.40	149.00																	
W0220-171	149.00	150.00																	
W0220-172	150.00	151.00																	

Hole Number: **W0220**

Units: METRIC

Samples

Sample #	From	To	Au1 gpt	Au1R	Au2 gpt	Au2R	Au3 gpt	Au3R	Au4 gpt	Au4R	Au5 gpt	Au5R	Au6 gpt	Au6R	Au7 gpt	Au7R	Au8 gpt	Au8R	AuAv gpt
ASSAY																			
W0220-173	151.00	152.02																	

Work Report Summary

Transaction No: W0240.01047 **Status:** APPROVED
Recording Date: 2002-JUN-17 **Work Done from:** 2002-MAR-27
Approval Date: 2002-OCT-16 **to:** 2002-MAY-28

Client(s):

121110 HOMESTAKE CANADA INC.
143550 NEWMONT CANADA LIMITED
200408 TECK COMINCO LIMITED

Survey Type(s):

ASSAY PDRILL

Work Report Details:

Claim#	Perform	Perform Approve	Applied	Applied Approve	Assign	Assign Approve	Reserve	Reserve Approve	Due Date
G 4000410	$27,877	$37,552	$0	$0	$22,000	22,000	$5,877	$15,552	
TB 1050318	$0	$0	$400	$400	$0	0	$0	$0	2003-JUN-23
TB 1050319	$0	$0	$400	$400	$0	0	$0	$0	2003-JUN-23
TB 1050320	$0	$0	$400	$400	$0	0	$0	$0	2003-JUN-23
TB 1078508	$0	$0	$400	$400	$0	0	$0	$0	2003-JUN-23
TB 1080568	$0	$0	$400	$400	$0	0	$0	$0	2003-JUN-23
TB 1080572	$0	$0	$400	$400	$0	0	$0	$0	2003-JUN-23
TB 1080573	$0	$0	$400	$400	$0	0	$0	$0	2003-JUN-23
TB 1099893	$0	$0	$400	$400	$0	0	$0	$0	2003-JUL-09
TB 1099894	$0	$0	$400	$400	$0	0	$0	$0	2003-JUL-09
TB 1099895	$0	$0	$400	$400	$0	0	$0	$0	2003-JUL-09
TB 1123441	$0	$0	$400	$400	$0	0	$0	$0	2003-OCT-05
TB 1123442	$0	$0	$400	$400	$0	0	$0	$0	2003-OCT-05
TB 1123443	$0	$0	$400	$400	$0	0	$0	$0	2003-OCT-05
TB 1123444	$0	$0	$400	$400	$0	0	$0	$0	2003-OCT-05
TB 1123445	$0	$0	$400	$400	$0	0	$0	$0	2003-OCT-05
TB 1149168	$0	$0	$400	$400	$0	0	$0	$0	2003-JUL-09
TB 1149169	$0	$0	$400	$400	$0	0	$0	$0	2003-JUL-09
TB 1149170	$0	$0	$400	$400	$0	0	$0	$0	2003-JUL-09
TB 1162670	$0	$0	$400	$400	$0	0	$0	$0	2003-JUL-09
TB 1174380	$0	$0	$400	$400	$0	0	$0	$0	2003-JUL-15
TB 1174381	$0	$0	$400	$400	$0	0	$0	$0	2003-JUL-15
TB 1174382	$0	$0	$400	$400	$0	0	$0	$0	2003-JUL-15
TB 1174383	$0	$0	$400	$400	$0	0	$0	$0	2003-JUL-15
TB 1227332	$0	$0	$3,600	$3,600	$0	0	$0	$0	2003-OCT-05
TB 1227333	$0	$0	$2,000	$2,000	$0	0	$0	$0	2003-OCT-05
TB 1242613	$0	$0	$5,600	$5,600	$0	0	$0	$0	2003-OCT-10
TB 1242614	$0	$0	$1,600	$1,600	$0	0	$0	$0	2003-OCT-10
	$27,877	$37,552	$22,000	$22,000	$22,000	$22,000	$5,877	$15,552	

Work Report Summary

Transaction No:	W0240.01047	**Status:**	APPROVED
Recording Date:	2002-JUN-17	**Work Done from:**	2002-MAR-27
Approval Date:	2002-OCT-16	**to:**	2002-MAY-28
External Credits:	$0		

Reserve:

$15,552	Reserve of Work Report#: W0240.01047
$15,552	Total Remaining

Status of claim is based on information currently on record.

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines

Ontario

Date: 2002-OCT-16

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

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

HOMESTAKE CANADA INC.
BOX 11115, SUITE 1100
1055 WEST GEORGIA STREET
VANCOUVER, BRITISH COLUMBIA
V6E 3P3 CANADA

Submission Number: 2.23773
Transaction Number(s): W0240.01047

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.

An additional credit of $9675.00 has been added to the submission to reflect the cost of the gold assays that were performed. The total value of this submission is $37,552.00.

If you have any question regarding this correspondence, please contact LUCILLE JEROME by email at lucille.jerome@ndm.gov.on.ca or by phone at (705) 670-5858.

Yours Sincerely,

Ron Gashinski
Senior Manager, Mining Lands Section

Cc: Resident Geologist

Homestake Canada Inc.
(Claim Holder)

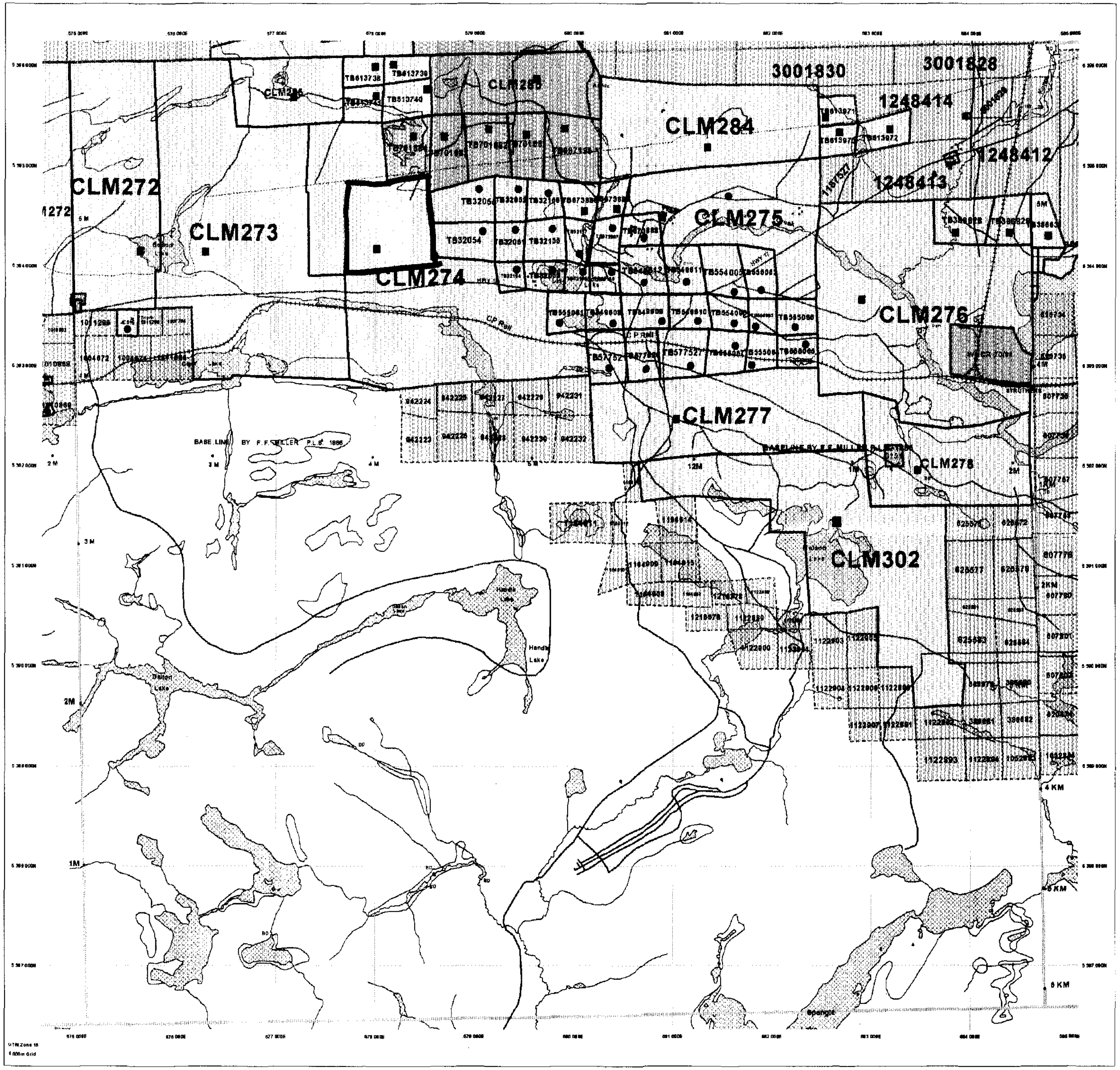
Newmont Canada Limited
(Claim Holder)

Gene Gulajec
(Agent)

Assessment File Library

Homestake Canada Inc.
(Assessment Office)

Teck Cominco Limited
(Claim Holder)



MINISTRY OF NORTHERN DEVELOPMENT AND MINES

PROVINCIAL MINING RECORDER'S OFFICE

MINING LAND TENURE MAP

Date / Time of Issue Jun 26 2002 10:16h Eastern

TOWNSHIP / AREA: BOMBY

PLAN: G-3173

ADMINISTRATIVE DISTRICTS / DIVISIONS

Mining Division	Thunder Bay
Land Titles/Registry Division	THUNDER BAY
Ministry of Natural Resources District	WAWA

TOPOGRAPHIC

- Administrative Boundaries
- Township
- Concession, Lot
- Provincial Park
- Indian Reserve
- Cliff, Pit and Pile
- Contour
- Contour - Approx., Auxiliary, Depression
- Shaft
- Mine Headframe
- Railway
- Road
- Trail
- Natural Gas Pipeline
- Hydro Line
- Communication Line
- Wooded Area
- Monument - Cadastral, Historical, Horiz. Control

LAND TENURE

Freehold Patent
- Surface And Mining Rights
- Surface Rights Only
- Mining Rights Only

Leasehold Patent
- Surface And Mining Rights
- Surface Rights Only
- Mining Rights Only

Licence of Occupation
- Uses not Specified
- Surface And Mining Rights
- Surface Rights Only
- Mining Rights Only

- Land Use Permit
- Order In Council
- Water Power Lease Agreement
- Mining Claim

LAND TENURE WITHDRAWALS

Areas Withdrawn from Disposition

Mining Act Withdrawal Types
- Wsm Surface and Mining Rights Withdrawn
- Ws Surface Rights Only Withdrawn
- Wm Mining Rights Only Withdrawn

Order In Council Withdrawal Types
- W'sm Surface and Mining Rights Withdrawn
- W's Surface Rights Only Withdrawn
- W'm Mining Rights Only Withdrawn

IMPORTANT NOTICES

0 m — 1000.0 m

LAND TENURE WITHDRAWAL DESCRIPTIONS

Identifier	Type	Date	Description
3120	Wsm	Jan 1 2001	P.3159-9 MTC RES.
3151	Wsm	Jan 1 2001	PENDING APPLICATION UNDER THE AGGREGATE RESOURCES ACT 288568
WM CR 20/04	Wm	Jan 1 2001	SEC. 36 W/O ORDER W/M CR 20/04 M.R. ONLY BALLAST PIT STRUTHERS
3833	Wsm	Jan 1 2001	LANDS SUBJECT TO EASEMENT FOR TAILINGS DISPOSAL (BOMBY TWP. LANDROLL) EASEMENT #84-10
W-LL-P1506	Wsm	Nov 21 2001	Mining and Surface rights withdrawal Section 35 of the Mining Act RSO 1990 Order # W-LL-2001 at ONT, Nov. 21, 2001 Note: this boundary closely represents the area that is being proposed for regulation and may be subject to further change.

IMPORTANT NOTICES

Areas under which special regulations, limitations or conditions exist that affect normal prospecting, staking and mineral development activities.

2. 23773

PDRILL
ASSAYS

Those wishing to stake mining claims should consult with the Provincial Mining Recorders' Office of the Ministry of Northern Development and Mines for additional information on the status of the lands shown hereon. This map is not intended for navigational, survey, or land title determination purposes as the information shown on this map is compiled from various sources. Completeness and accuracy are not guaranteed. Additional information may also be obtained through the local Lands Titles or Registry Office, or the Ministry of Natural Resources.

The information shown is derived from digital data available in the Provincial Mining Recorders' Office at the time of downloading from the Ministry of Northern Development and Mines web site.

General Information and Limitations

Contact Information:
Provincial Mining Recorders' Office
Willet Green Miller Centre
933 Ramsey Lake Road
Sudbury, ON P3E 6B5
Home Page: www.mndm.gov.on.ca/MNDM/MINES/LANDS/mlsmnpge.htm

Toll Free
Tel: 1 (888) 415-9845
Fax: 1 (877) 670-1444

Map Datum: NAD 83
Projection: UTM (6 degree)
Topographic Data Source: Land Information Ontario
Mining Land Tenure Source: Provincial Mining Recorders' Office

This map may not show unregistered land tenure and interests in land including certain patents, leases, easements, right of ways, flooding rights, licences, or other forms of disposition of rights and interest from the Crown. Also certain land tenure and land uses that restrict or prohibit free entry to stake mining claims may not be illustrated.

93700N 93750N 93800N 93850N 93900N 93950N 94000N 94050N 94100N 94150N 94200N 94250N 94300N 94350N 94400N 94450N

10500El

10450El

10400El

10350El

10300El

10250El

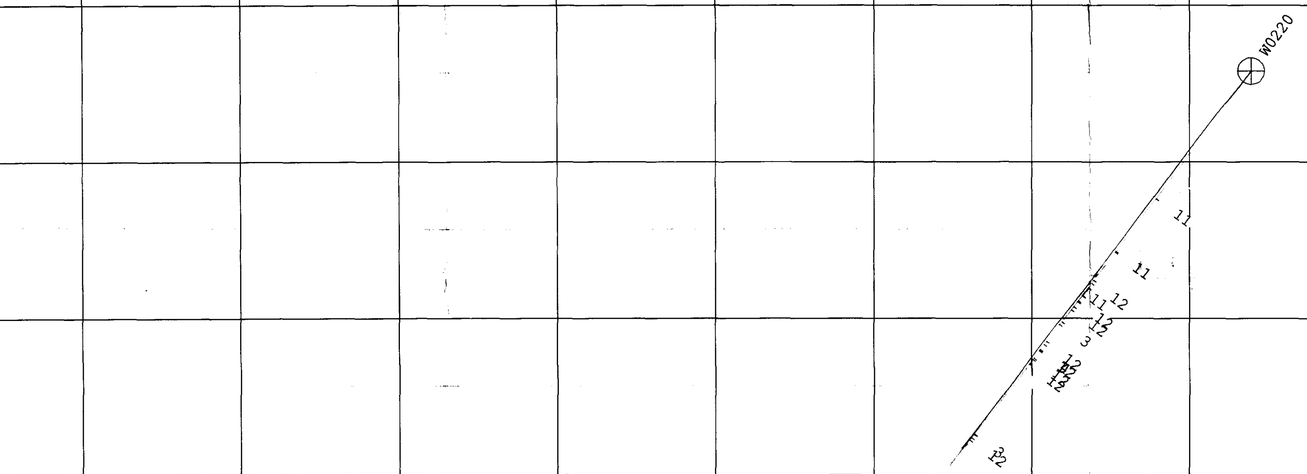
10200El

10150El

10100El

10050El

10000El



Hole Trace

Major rock unit Minor rock unit

210

93700N 93750N 93800N 93850N 93900N 93950N 94000N 94050N 94100N 94150N 94200N 94250N

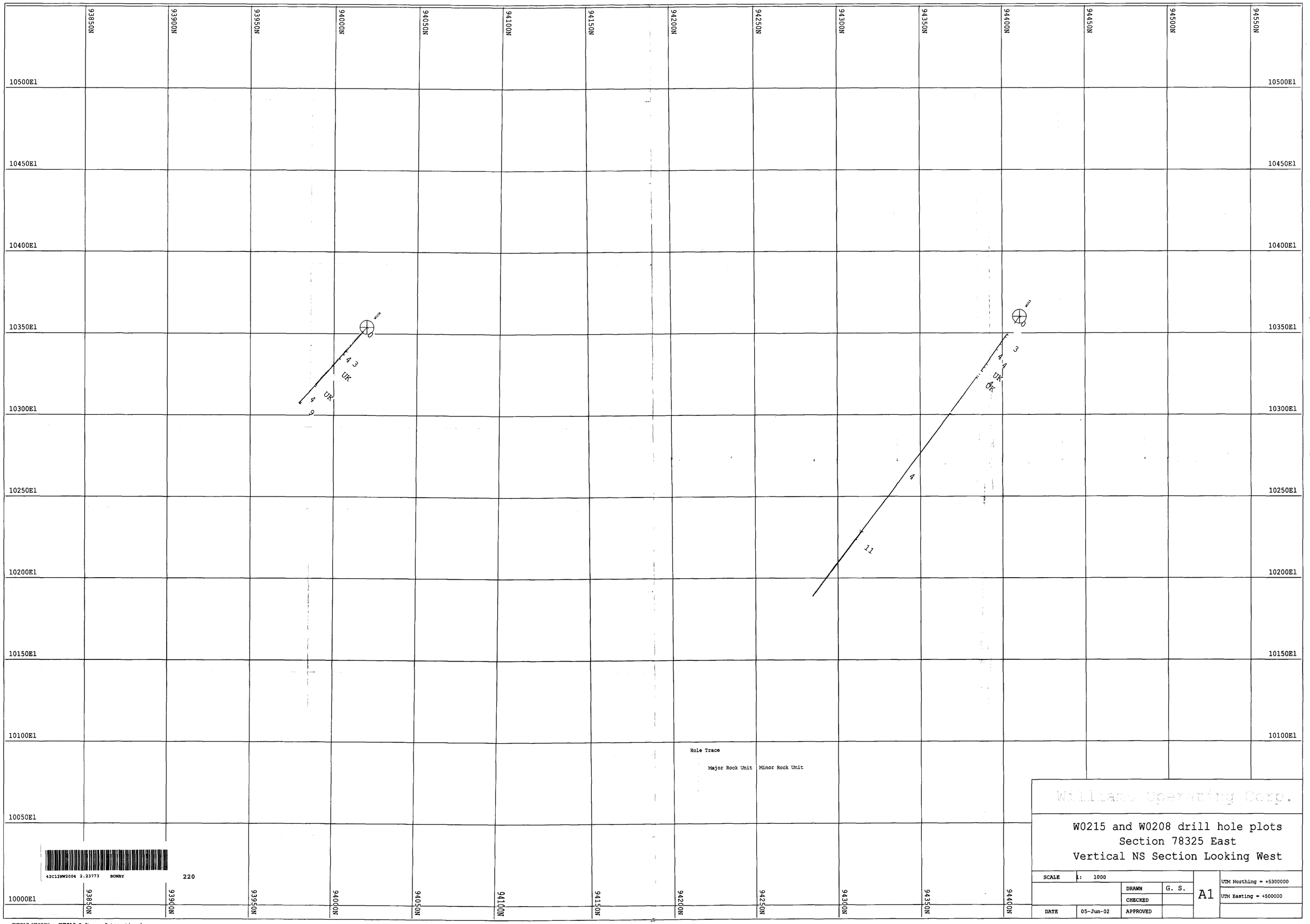
mainsral.pf

SURPAC_VISION - SURPAC Software International

W0220 drill hole plot
Section 78426 East
Vertical NS Section Looking West

SCALE	1: 1000			A1	UTM Northing = +5300000
		DRAWN	G. S.		UTM Easting = +500000
		CHECKED			
DATE	06-Jun-02	APPROVED			

2.23773



42C12NW2004 2.23773 BOMBY 220

William Operating Corp.

W0215 and W0208 drill hole plots
Section 78325 East
Vertical NS Section Looking West

SCALE	1: 1000		UTM Northing = +5300000
	DRAWN	G. S.	UTM Easting = +500000
	CHECKED		
DATE	05-Jun-02	APPROVED	

A1

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2.23773

93750N | 93800N | 93850N | 93900N | 93950N | 94000N | 94050N | 94100N | 94150N | 94200N | 94250N | 94300N | 94350N | 94400N | 94450N

10500E1

10450E1

10400E1

10350E1

10300E1

10250E1

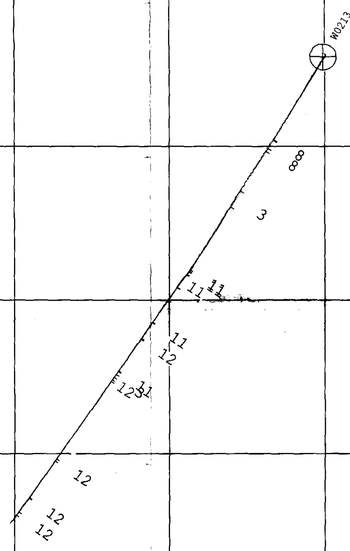
10200E1

10150E1

10100E1

10050E1

10000E1



Hole trace

Major rock unit Minor rock unit

93750N | 93800N | 93850N | 93900N | 93950N | 94000N | 94050N | 94100N | 94150N | 94200N | 94250N | 94300N

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W0213 drill hole plot
Section 78451 East
Vertical NS Section Looking West

SCALE	1: 1000		UTM northing = +5300000
		DRAWN G. S.	A1
		CHECKED	UTM easting = +500000
DATE	05-Jun-02	APPROVED	