

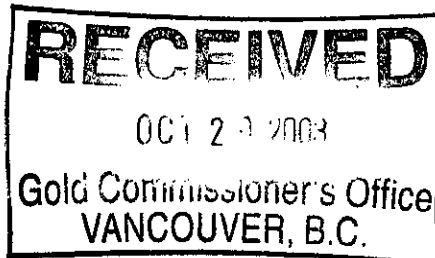
Geological, Geochemical and Geophysical

Assessment Report

on the

Pearson PGE Property

Abbey, Bingo, Cedar, Coho, Coho #4 - #6, Coho 2 - 3, Dan 1 - 11, EFR, EFR 1 - 6, Galleon 53, Galleon 57, Galleon 70 - 71, Galleon 80, Jack, Jack 2, Jan 7, Jan 8, Jan 8, Jay Jay, Nabay 1 - 11, Obin, Outhouse, Pacmist 2 - 4, Princess, Princess 2, Ralph 1 - 2, Ran, Ran 1 - 16, Roccod, Timber, Ultra 1 - 6, Whistle 1 - 2, Woody claims



and

Karen Property

Karen 1 - 5 claims

Port Renfrew Area Victoria Mining Division

**GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT**
27,246

Latitude and Longitude: *Pearson PGE* 48° 35' - 48° 41' N; 124° 13' - 124° 31' W
Karen 48° 26' - 48° 28' N; 124° 04' - 124° 08' W

Map Sheets: *Pearson PGE* 092C.059, 068, 069 92C09, 10E
Karen 092C.050 92C08E

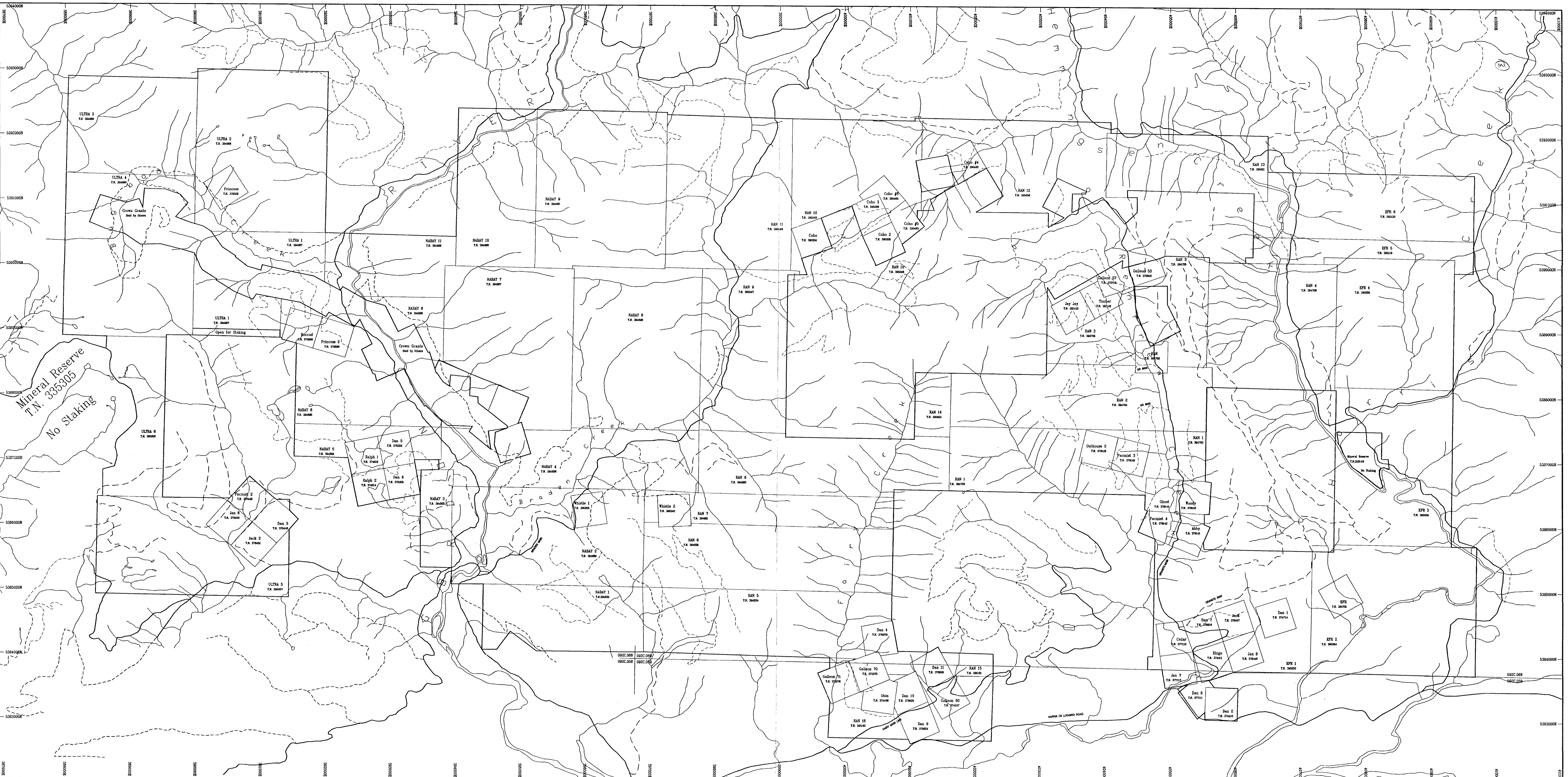
Claim Owners: Emerald Fields Resource Corp. and Gary Pearson

Operator: Emerald Fields Resource Corp.

Consultants: Sean D. McKinley, P. Geo. and Discovery Consultants

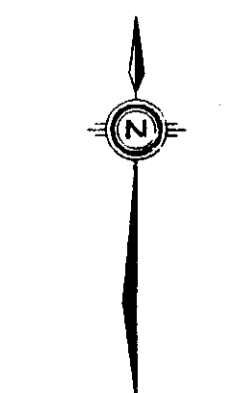
Authors: Sean D. McKinley, P. Geo. and William R. Gilmour, P. Geo.

Date: October 10, 2003

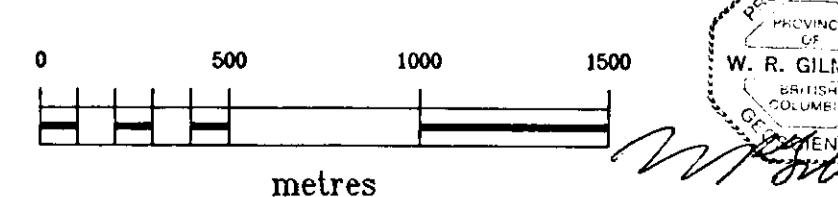


Trim Map After Government of B.C. 1962-1963, source = McIlhenny Vancouver office
 After Timber West Forest Development Plan 2003-2007

Major road ———
 Minor road - - - - -
 Deactivated road - - - - -
 Spot elevation in metres



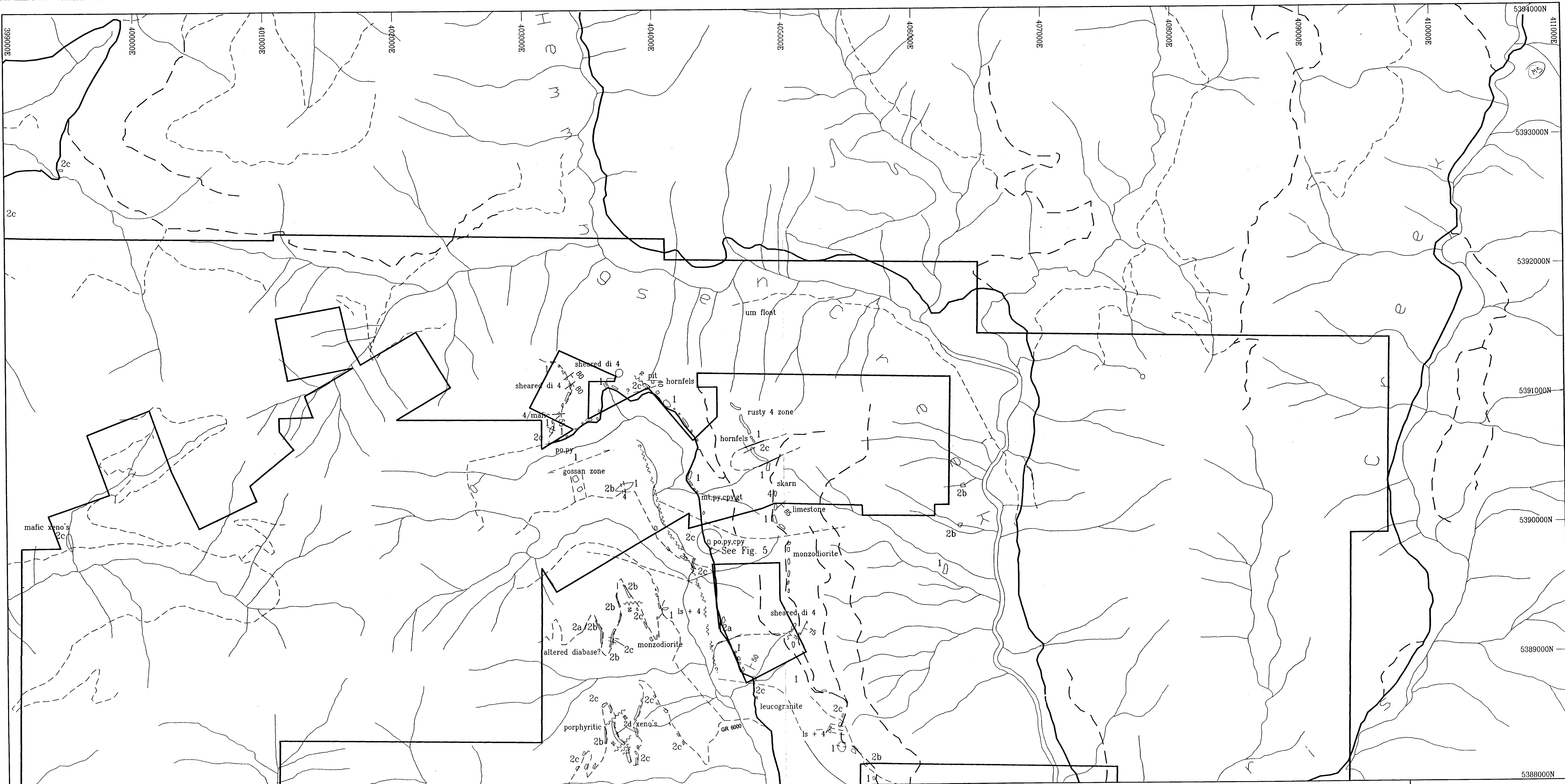
27,246



GEOLOGICAL SURVEY BRANCH
 ASSESSMENT REPORT

DISCOVERY Consultants
 Emerald Fields Resource Corp.
 Pearson PGE Property
 Claim Location Map

| | | | |
|-----------|--------------|----------------------|------------|
| Location: | Port Renfrew | Mining Jurisdiction: | Victoria |
| Datum: | NAD83 | Map Ref.: | 92C.069/68 |
| Scale: | 1:20000 | UTM: | 10 |
| Project: | 726 | Date: | May 5/2003 |
| Drawn By: | RM | Figure: | 3a |

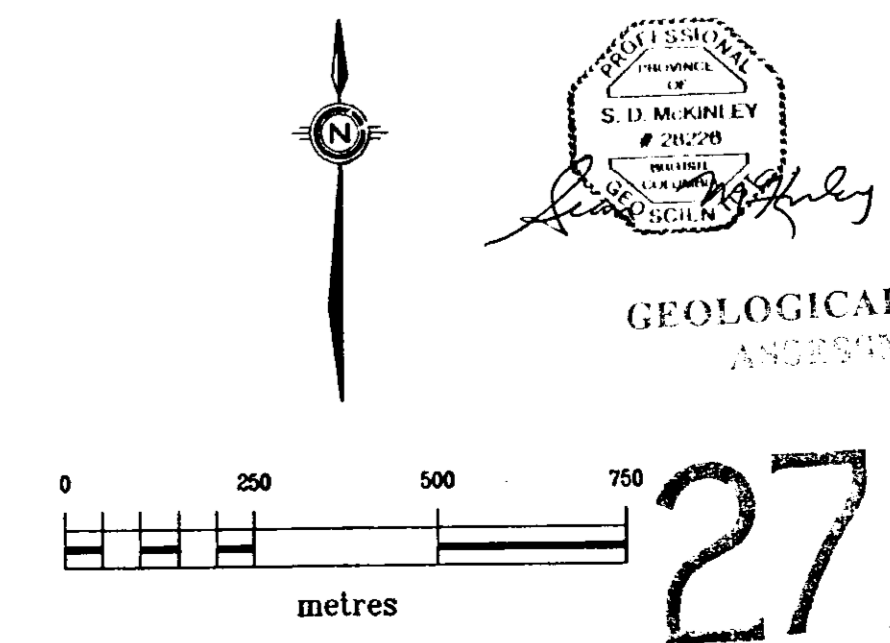


- Geology**
- 4 Skarn, hornfels, massive magnetite + sulphides
 - 3 Quartz diorite + granodiorite (lg - island intrusive)
 - 2d Ultramafic rocks undifferentiated
 - 2c Feisic diorite, coarse grained quartz diorite + granodiorite + leucogranite
 - 2b Intermediate diorite
 - 2a Mafic diorite, gabbro (>50% mafic and includes feldspar and porphyritic varieties)
 - 1 Limestone
- Symbols**
- ak actinolite
 - bo bornite
 - ch chlorite
 - cpy chalcopyrite
 - dp dopsade
 - ep epidote
 - fd feldspar
 - fg fine grained
 - gt garnet
 - ls limestone
 - mt magnetite
 - py pyrrhotite
 - py pyrite
 - ob over burden
 - q quartz
 - s sulphides
 - um ultramafic
- Other Symbols**
- Outcrop, float
 - Geological boundary (inferred)
 - Vein (mineralised)
 - Dike + attitude
 - Bedding + attitude
 - Jointing + attitude
 - Shear/fault + attitude
 - Cleavage + attitude
 - Igneous foliation ?
 - Skarn alteration zone

Mapping by S. McKinley (P.Geo.) and C. Sebert (P.Eng.), 2003

| DRAWN | | | May 5/2003 | | |
|----------|-------------|-------|------------|-------------------|----|
| REVISION | DATE | BY | REVISION | DATE | BY |
| 1 | May 29/2003 | RM | 1 | Stream Sample Loc | |
| 2 | June 4/03 | RM | 2 | Change | |
| 3 | June 5/2003 | RM | 3 | Geology | |
| 4 | Sept/03 | RM/DW | 4 | Insert values | |

Path: c:\work\2003\project\V26



DISCOVERY Consultants

Emerald Fields Resource Corp.

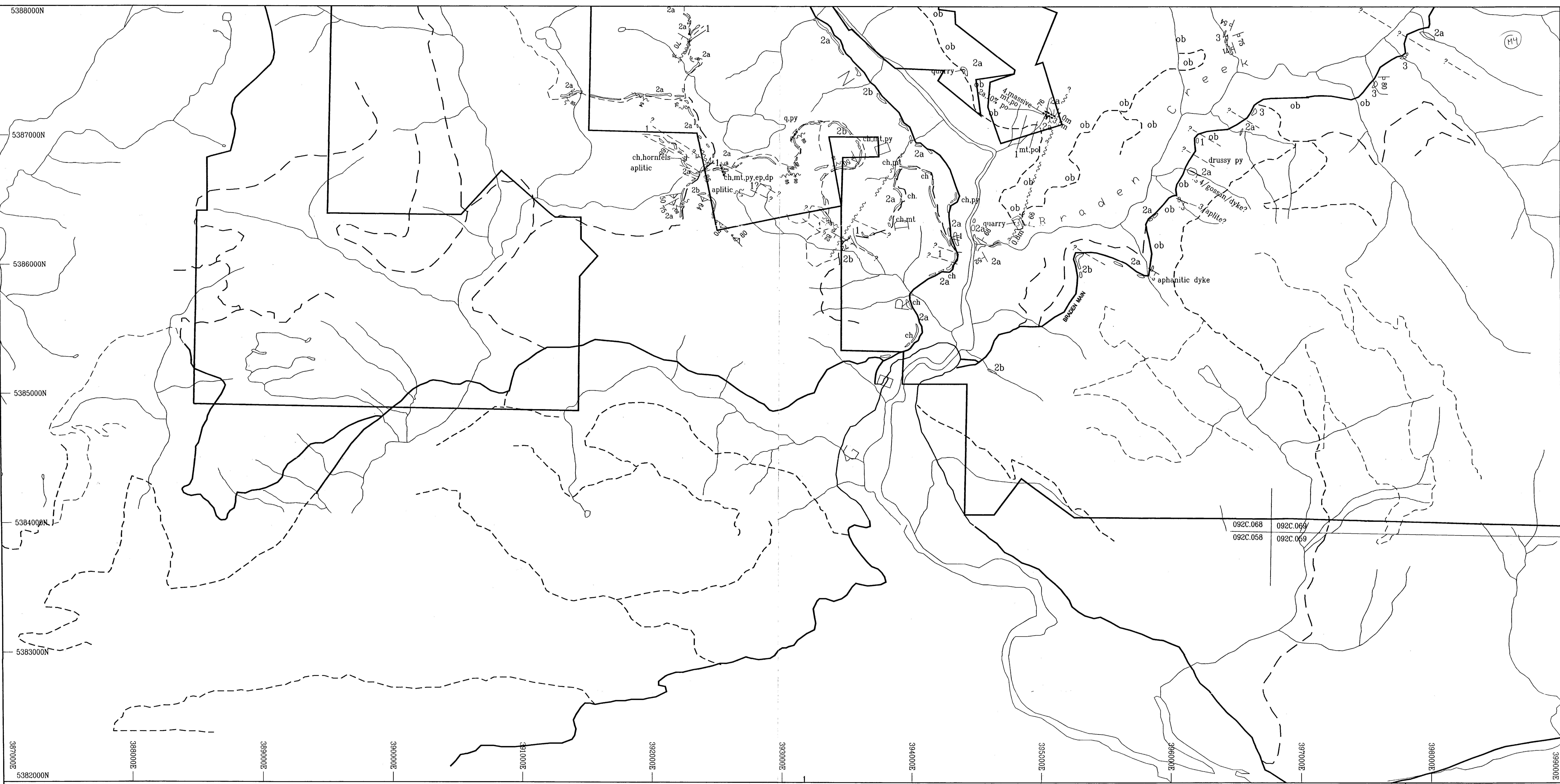
PEARSON PGE Property

Geology

Location: **Boit Refinery** Mining Jurisdiction: **Victoria**

Scale: **1:10000** UTM: **10**

Project: **726** Date: **May 5/2003** Drawn By: **RM** Figure: **4b**

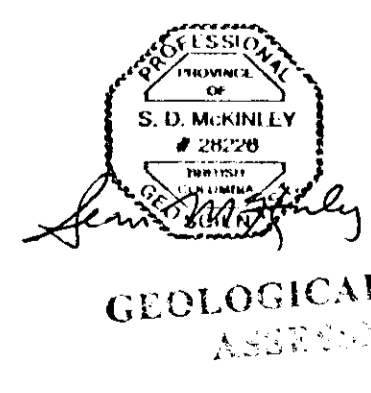
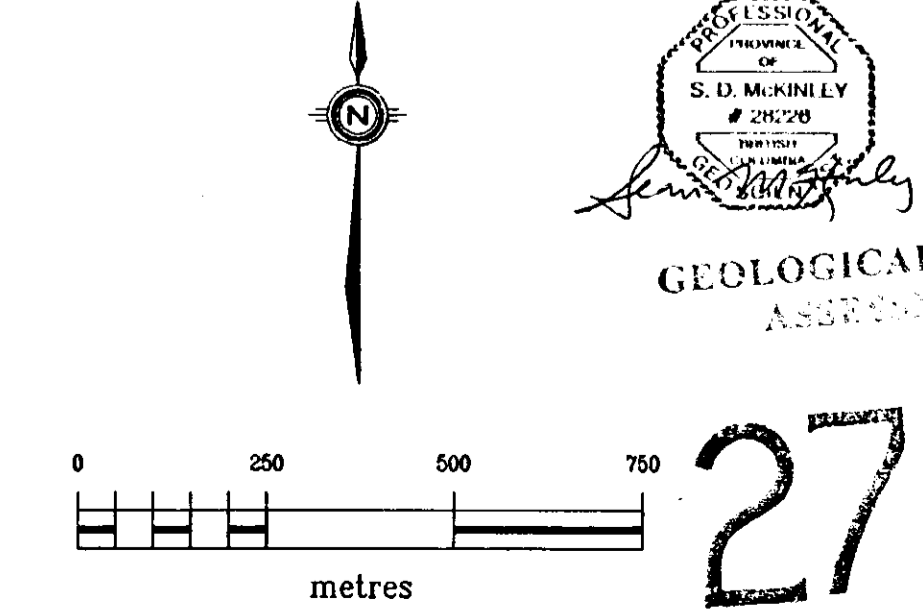


| Geology | | Symbols | |
|---------|--|---------|--------------|
| 4 | Skarn, hornfels, massive magnetite + sulphides | ak | actinolite |
| 3 | Quartz diorite + granodiorite (ig - island intrusive) | bo | boraxite |
| 2d | Ultramafic rocks undifferentiated | ch | chlorite |
| 2c | Felsic diorite, coarse grained quartz diorite + leucogranite | cpy | chalcopyrite |
| 2b | Intermediate diorite | dp | diopside |
| 2a | Mafic diorite, gabbro (>50% mafic and includes feldspar and porphyritic varieties) | ep | epidote |
| 1 | Limestone | fg | fine grained |
| | | gt | garnet |
| | | ls | limestone |
| | | mt | magnetite |
| | | po | pyrrhotite |
| | | py | pyrite |
| | | ob | over burden |
| | | q | quartz |
| | | s | sulphides |
| | | um | ultramafic |

| Symbols | |
|---------|--------------------------------|
| | Outcrop, float |
| | Geological boundary (inferred) |
| | Vein (mineralized) |
| | Dyke + altitude |
| | Bedding + altitude |
| | Jointing + altitude |
| | Shear/fault + altitude |
| | Cleavage + altitude |
| | Igneous foliation ? |
| | Skarn alteration zone |

Mapping by S. McKinley (P.Geo.) and C. Sebert (P.Eng.), 2003

| REVISED DATE | BY | REVISION |
|--------------|-------|-------------------|
| May 29/2003 | RM | Stream Sample Loc |
| June 4/03 | RM | Claims |
| June 5/2003 | RM/DW | Geology |
| Sept/03 | RM/DW | Insert values |



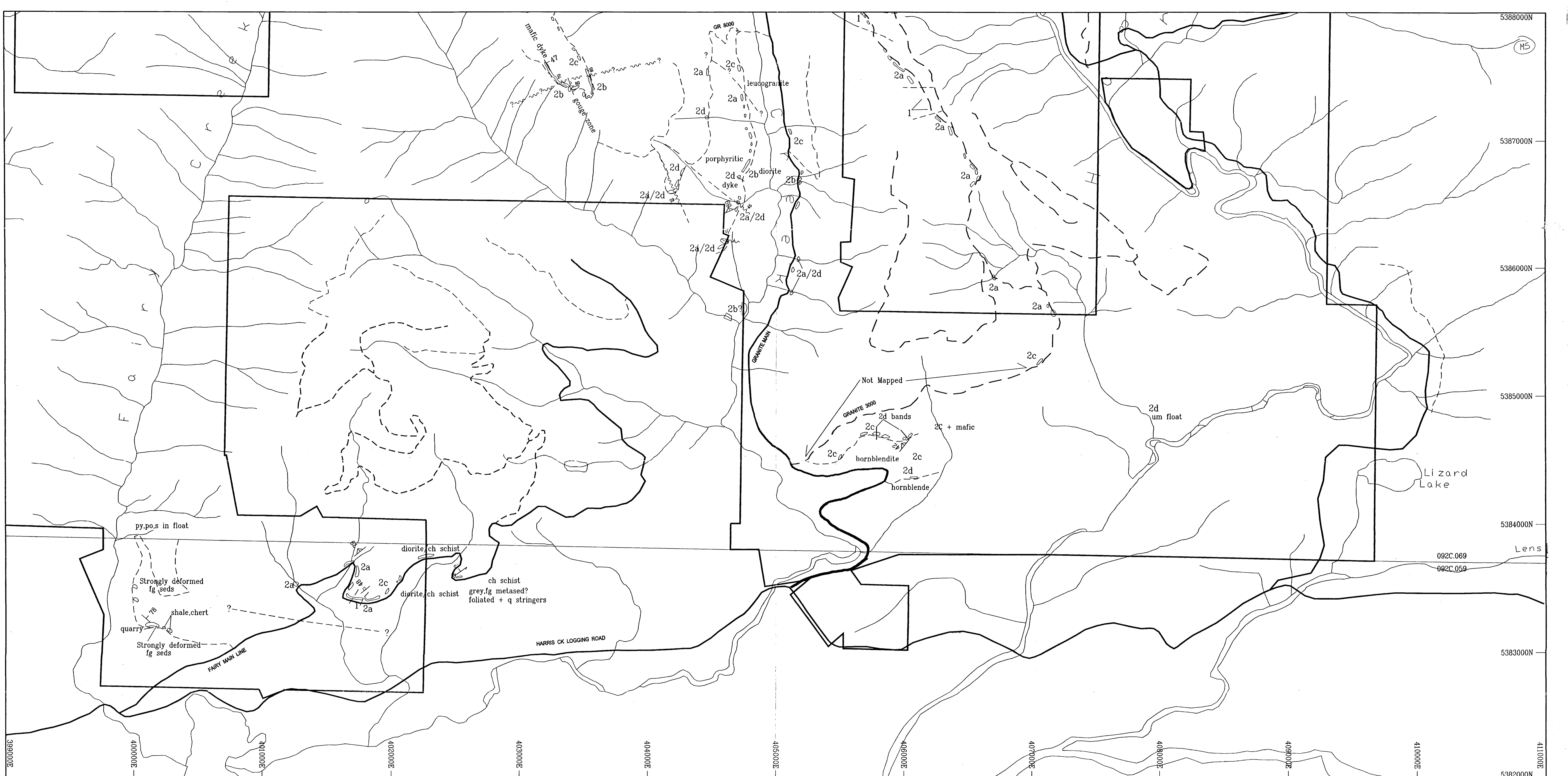
DISCOVERY Consultants

Emerald Fields Resource Corp.

Geology

27 246

Location: Port Renfrew Mining Jurisdiction: Victoria
 Datum: NAD83 Map Ref: 92C.069/68 Scale: 1:10000 UTM: 10
 Project: 726 Date: May 5/2003 Drawn By: RM Figure: 4c



Base map after Government of B.C. 1992-1993 Trim Map
 Roads after Timber West Forest Development Plan 2003-2007

- Major road ———
 Minor road - - - -
 Deactivated road - - - - -

Geology

- 4 Skarn, hornfels, massive magnetite + sulphides
- 3 Quartz diorite + granodiorite (fg - Island Intrusive)
- 2d Ultramafic rocks undifferentiated
- 2c Felsic diorite, coarse grained quartz diorite + granodiorite + leucogranite
- 2b Intermediate diorite
- 2a Mafic diorite, gabbro (>50% mafic and includes feldspar and porphyritic varieties)
- 1 Limestone

Symbols

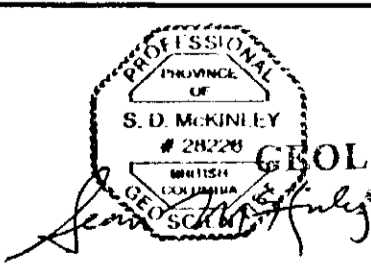
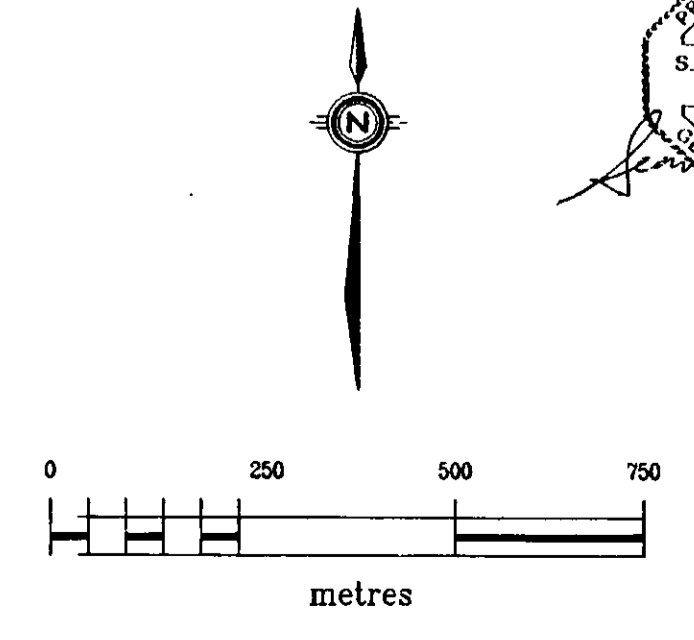
- Outcrop, float
- Geological boundary (inferred)
- Vein (mineralized)
- Dyke + attitude
- Bedding + attitude
- Jointing + attitude
- Shear/fault + attitude
- Cleavage + attitude
- Igneous foliation ?
- Skarn alteration zone

Symbols

- ak actinolite
- bo bornite
- ch chlorite
- cpy chalcopyrite
- dp diopside
- ep epidote
- fel feldspar
- fg fine grained
- gt garnet
- ls limestone
- ml magnetite
- py pyrrhotite
- py pyrite
- ob over burden
- q quartz
- s sulphides
- um ultramafic

Mapping by S. McKinley (P.Geo.) and C. Sebert (P.Eng.), 2003

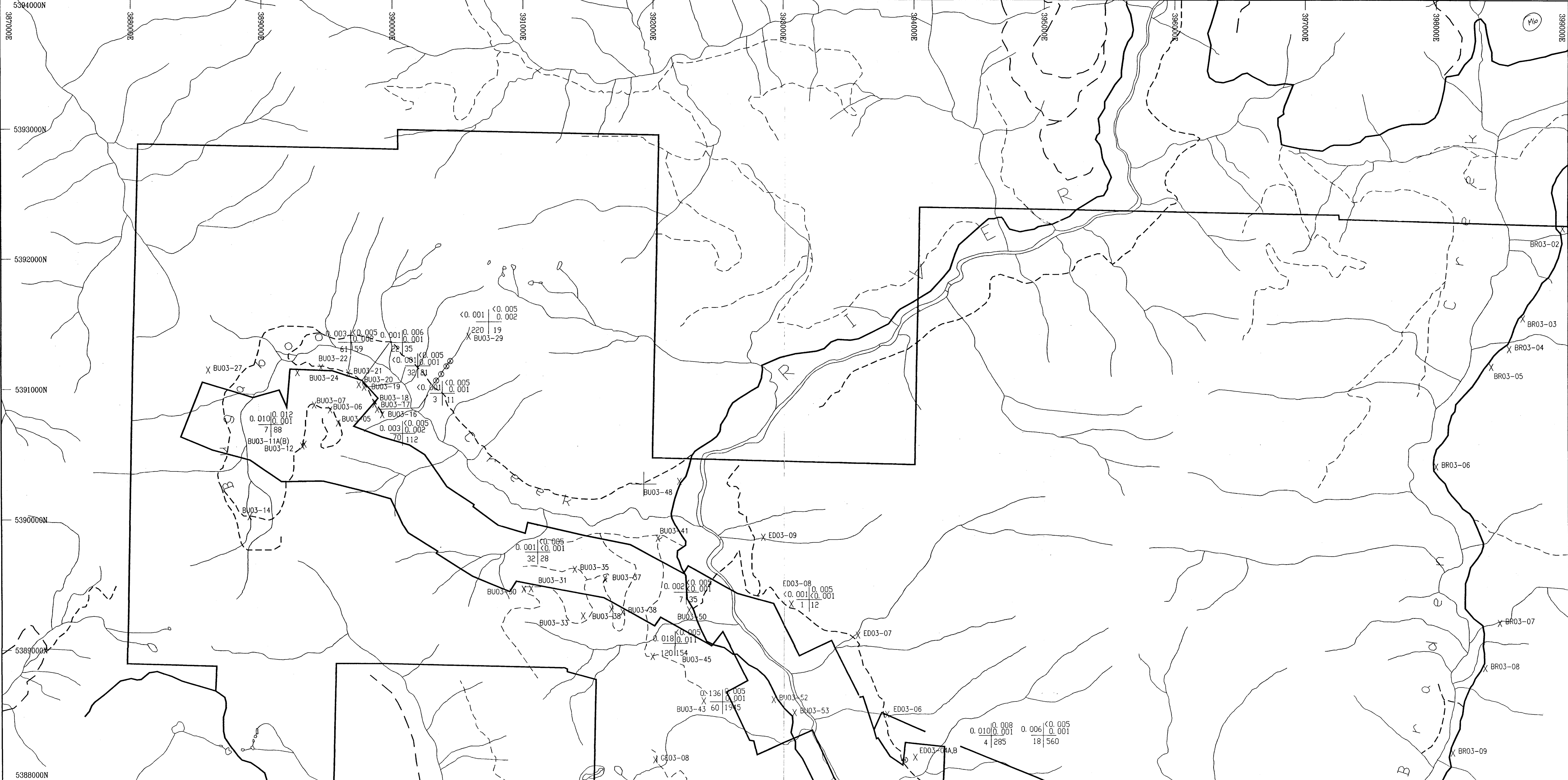
| REVISION | DATE | REVISION BY | REVISION |
|-------------------------------|-------|-------------|-------------------|
| May 29/2003 | RM | RM | Stream Sample Loc |
| June 4/03 | RM | RM | Clones |
| June 5/2003 | RM | RM | Geology |
| Sept/03 | RM/DM | RM/DM | Insert values |
| Path: c:\scs2000\project\1726 | | | |



DISCOVERY Consultants
 GEOLOGICAL SURVEY BRANCH
 EMERALD FIELDS RESOURCE CORP.
 Emerald Fields Resource Corp.
 Pearson P&E Property
 Geology

27,246

Location: Port Renfrew Mining Jurisdiction: Victoria
 Datum: NAD83 Map Ref: 92C.069/68 Scale: 1:10000 UTM: 10
 Project: 726 Date: May 5/2003 Drawn By: RM Figure: 4d



Base map after Government of B.C. 1992-1993 Trim Map
Roads after Timber West Forest Development Plan 2003-2007

Major road ———
Minor road - - - -
Deactivated road - - - -

Rock Values

| | | | | |
|---------------------|-------|-------|------------------------|-------|
| Value in ppm gold | 0.010 | 0.008 | Value in ppm platinum | 0.005 |
| Value in ppm silver | 0.001 | 0.015 | Value in ppm palladium | 0.002 |
| Value in ppm nickel | 88 | 416 | Value in ppm copper | 19 |

| REVISION DATE | REVISION BY | REVISION |
|---------------|-------------|-------------------|
| May 25/2003 | RM | Stream Sample Loc |
| June 4/03 | RM | Claims |
| June 5/2003 | RM | Geology |
| Sept/03 | RM/DW | Insert values |

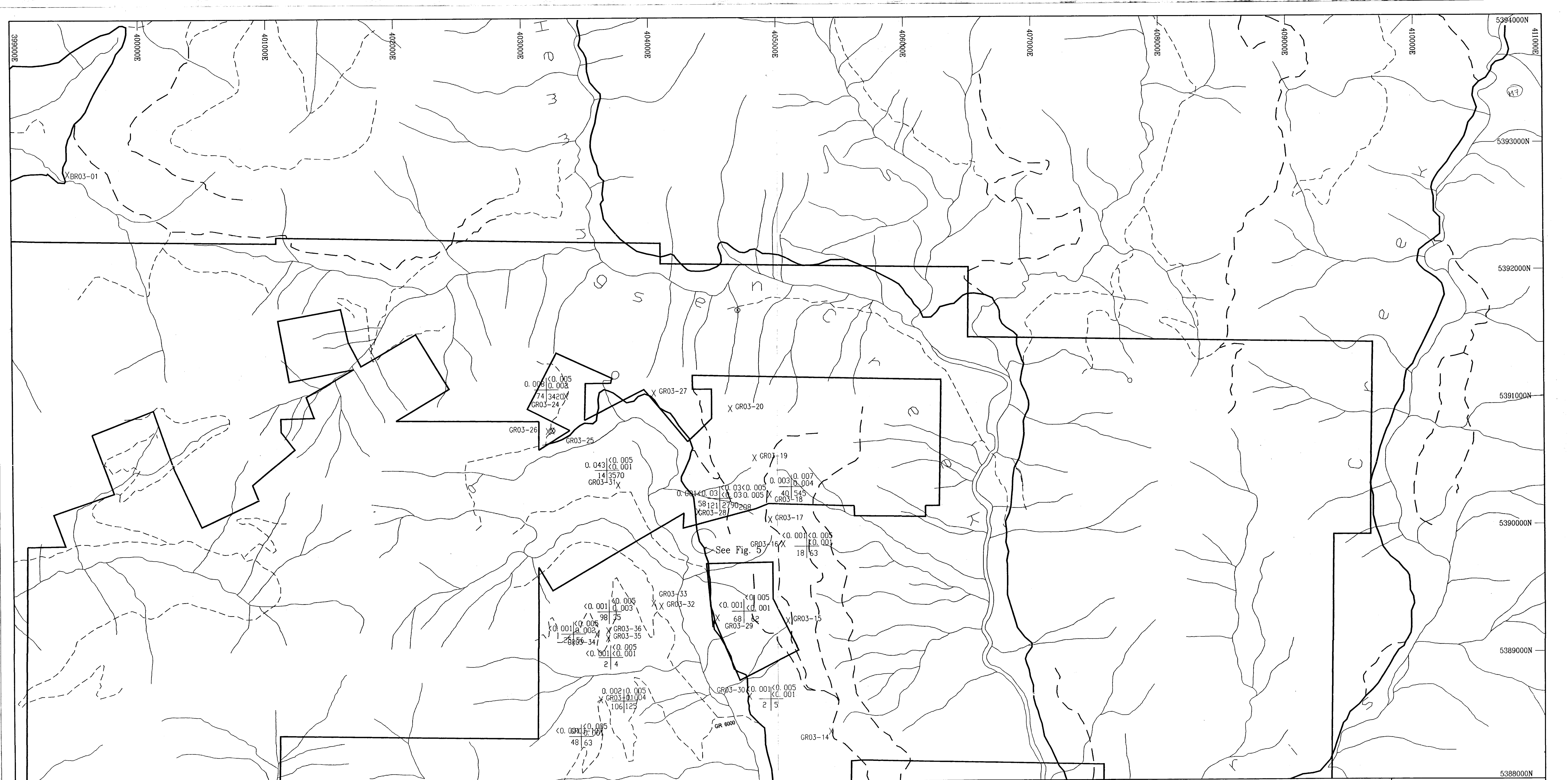
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DISCOVERY Consultants

Emerald Fields Resource Corp.
GEOLOGICAL SURVEY BRANCH

ASSESSMENT
Pearson PGE Property
Rock Sampling
Pt. Pd, Au, Cu, Ni Values

Location: Port Renfrew, Victoria
Datum: NAD83 Map Ref: 92C.069/68 Scale: 1:10000 UTM: 10
Project: 726 Date: May 5/2003 Drawn By: RM Figure: 6a



Base map after Government of B.C. 1990-1993 Trim Map
 Roads after Timber West Forest Development Plan 2003-2007

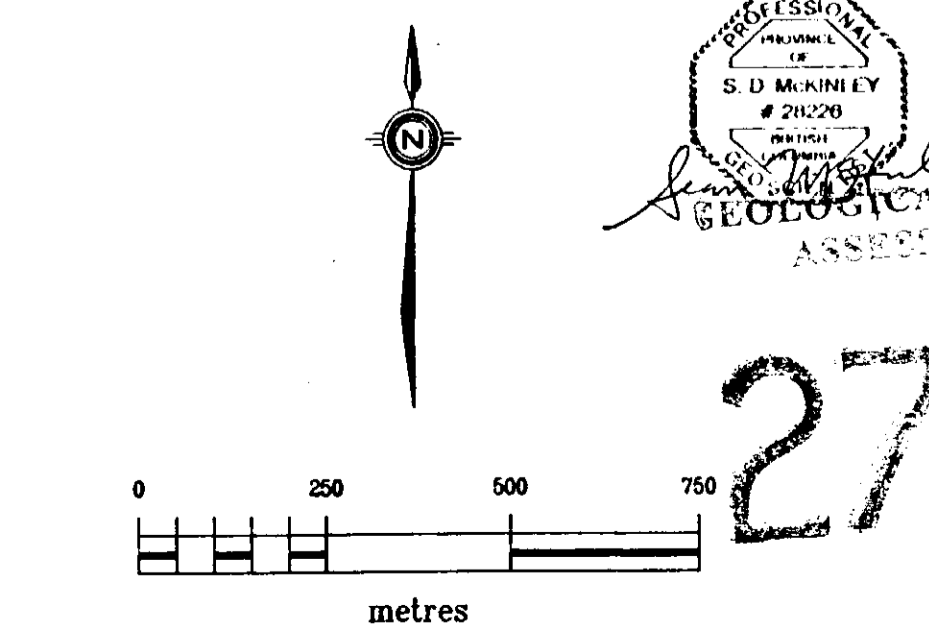
Major road ———
 Minor road - - - -
 Dedicatated road - - - -

Rock Values

| | | | | | |
|---------------------|-------|-------|------------------------|-------|-------|
| Value in ppm gold | 0.001 | 0.005 | Value in ppm platinum | 0.001 | 0.005 |
| Value in ppm nickel | 88 | 416 | Value in ppm palladium | 0.001 | 0.005 |
| | | | Value in ppm copper | 0.001 | 0.005 |

X GR03-05 Rock sample location

| REVISION | DATE | BY | REVISION |
|-------------|------------------------|-------|-------------------|
| May 29/2003 | RM | RM | Stream Sample Loc |
| June 4/03 | RM | RM | Colors |
| June 5/2003 | RM | RM | Geology |
| Sept/03 | RM/DM | RM/DM | Insert values |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
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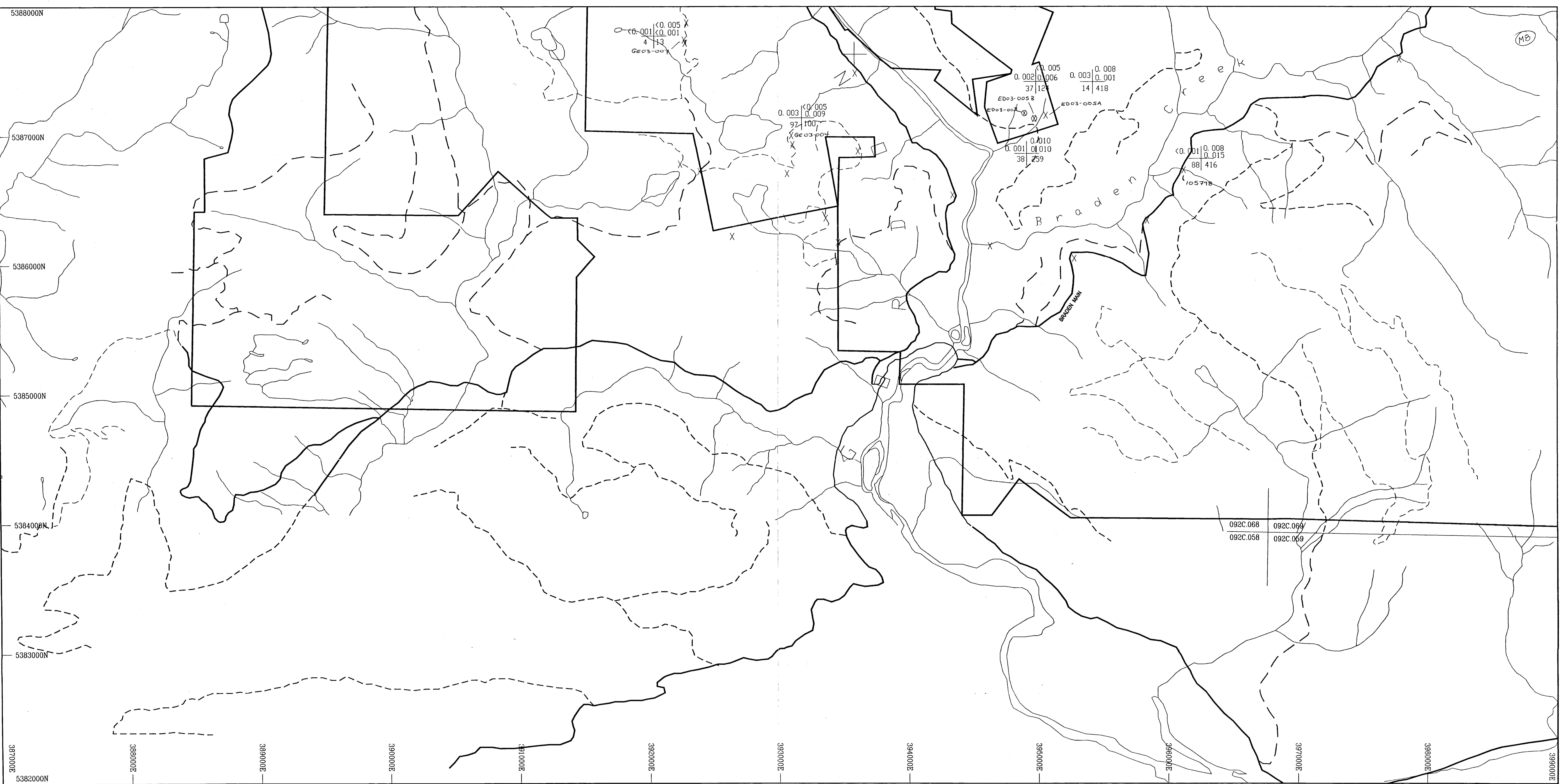
DISCOVERY Consultants

Emerald Fields Resource Corp.

**Pearson PGE Property
 Rock Sampling
 Pt. Peau, Cu, Ni Values**

27, 210

| | | | |
|-----------|--------------|----------------------|------------|
| Location: | Port Renfrew | Mining Jurisdiction: | Victoria |
| Datum: | NAD83 | Map Ref: | 92C.069/68 |
| Scale: | 1:10000 | UTM: | 10 |
| Project: | 726 | Date: | May 5/2003 |
| Drawn By: | RM | Figure: | 6b |



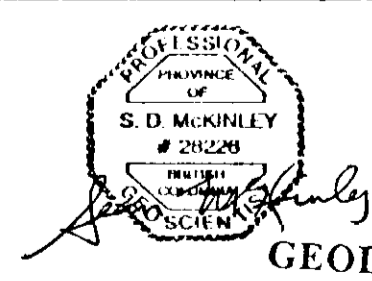
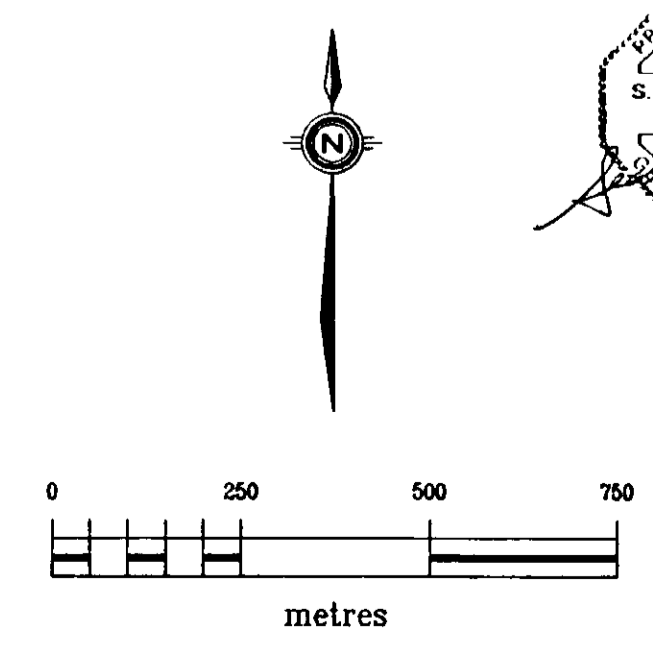
Base map after Government of B.C. 1990-1993 Trim Map
 Roads after Timber West Forest Development Plan 2003-2007

Major road —————
 Minor road - - - - -
 Deactivated road - - - - -

Rock Values

| | | | | |
|---------------------|-------|-------|------------------------|--|
| Value in ppm gold | 0.001 | 0.008 | Value in ppm platinum | |
| Value in ppm nickel | 88 | 416 | Value in ppm palladium | |
| | | | Value in ppm copper | |

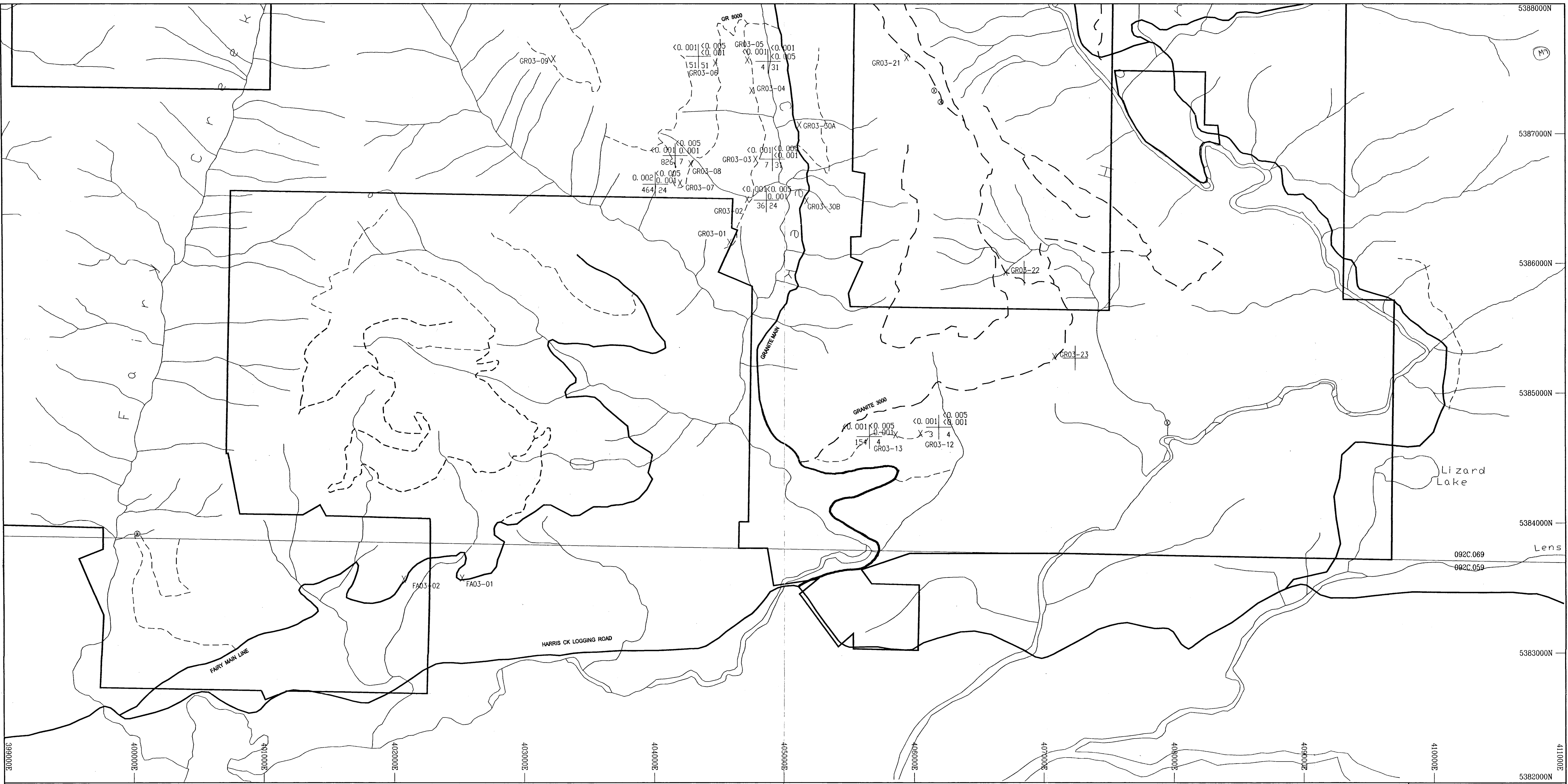
| REVISION DATE | BY | REVISION |
|---------------|-------------------------|-------------------|
| May 29/2003 | RM | Stream Sample Loc |
| June 4/03 | RM | Claims |
| June 5/2003 | RM | Geology |
| Sept/03 | RM/DW | Insert values |
| | | |
| | | |
| | | |
| | | |
| | | |
| Path: | c:\proj2000\project\726 | |



DISCOVERY Consultants

Emerald Fields Resource Corp.
 GEOLOGICAL SURVEY BRANCH
 ASSESSMENT REPORT
 Pearson PGE Property
 Rock Sampling
 Pt., Pd., Au., Cu., Ni Values

Datum: NAD83 Map Ref: 92C.069/68 Scale: 1:10000 UTM: 10
 Project: 726 Date: May 5/2003 Drawn By: RM Figure: 6c



Base map after Government of B.C. 1992-1993 Trim Map
 Roads after Timber West Forest Development Plan 2003-2007

Major road ———
 Minor road - - -
 Deactivated road - - - -

Rock Values

| | | | | | |
|---------------------|-------|-------|------------------------|-------|-------|
| Value in ppm gold | 0.001 | 0.008 | Value in ppm platinum | 0.001 | 0.005 |
| Value in ppm nickel | 80 | 416 | Value in ppm palladium | 0.001 | 0.005 |
| Value in ppm silver | 0.001 | 0.005 | Value in ppm copper | 0.001 | 0.005 |

x GR03-05 Rock sample location

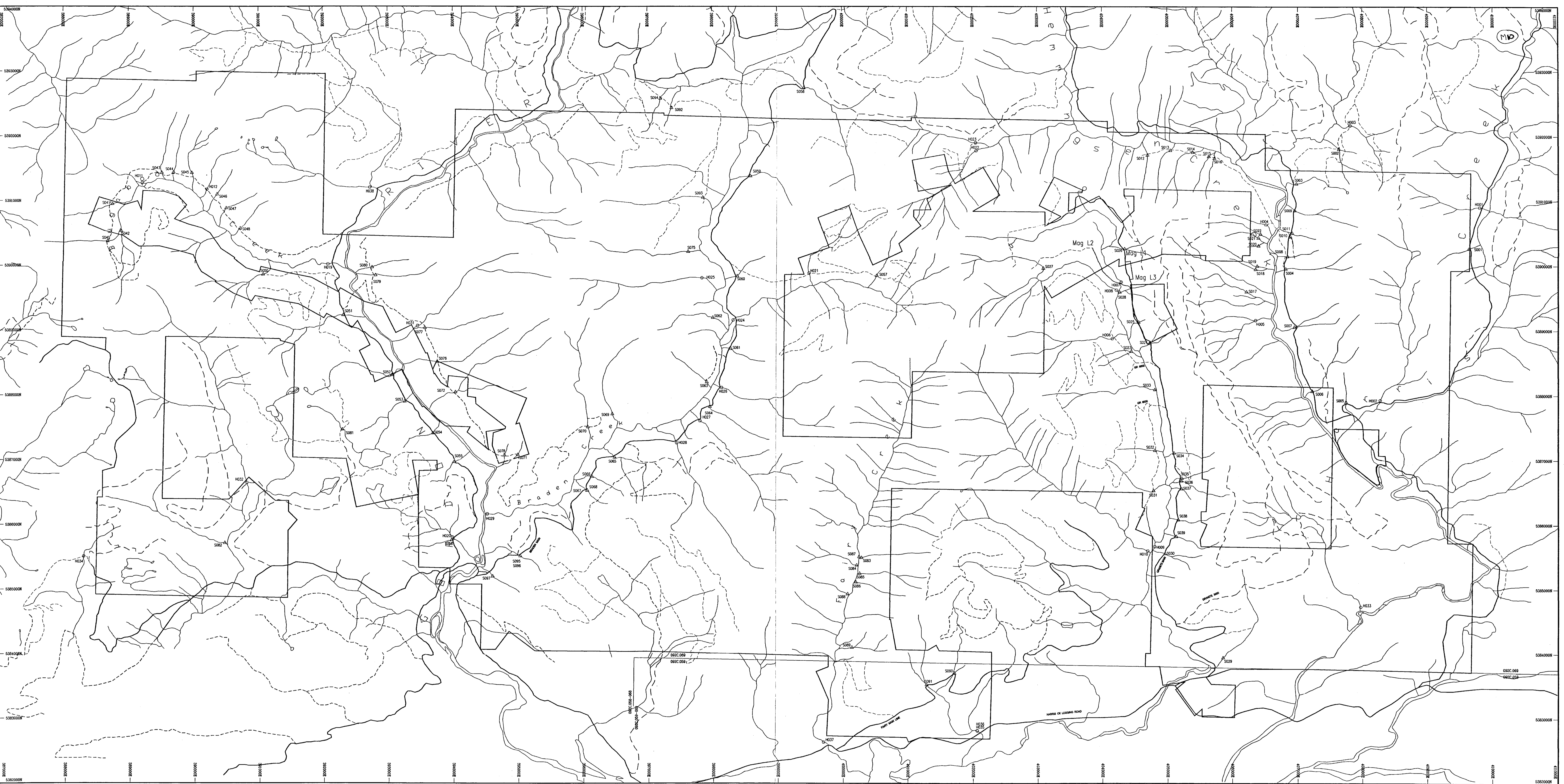
| REVISION DATE | REVISION BY | REVISION |
|---------------|-------------|-------------------|
| May 29/2003 | RM | Stream Sample Loc |
| June 4/03 | RM | Claims |
| June 5/2003 | RM | Geology |
| Sept/03 | RM/DW | Insert values |

Path: c:\local2000\project\728

DISCOVERY Consultants
 Geological Survey Branch
 As. Emerald Fields Resource Corp.

27 Pearson PGE Property
 Rock Sampling
 Pt, Pd, Au, Cu, Ni Values

| | | | |
|-----------|--------------|----------------------|------------|
| Location: | Port Renfrew | Mining Jurisdiction: | Victoria |
| Datum: | NAD83 | Map Ref: | 92C.089/68 |
| Scale: | 1:40000 | UTM: | 10 |
| Project: | 726 | Date: | May 5/2003 |
| Drawn By: | RM | Figure: | 6d |

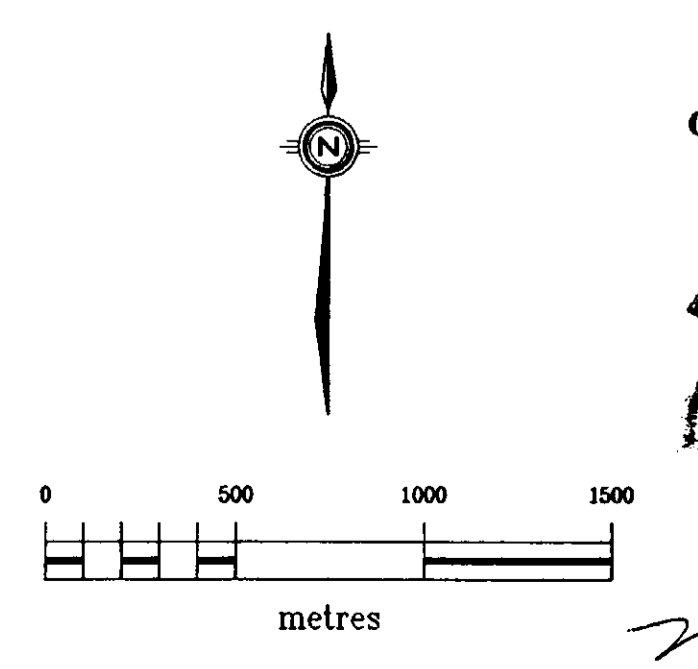


Base map after Government of B.C. 1992-1993 Trim Map
 Roads after Timber West Forest Development Plan 2003-2007

○ H032 Heavy Mineral (-80HN) Sample Location
 -80HN: -80 mesh, >3.2 µg, nonmagnetic fraction
 △ 5981 Silt Sample Location

Major road ———
 Minor road - - - - -
 Decimated road

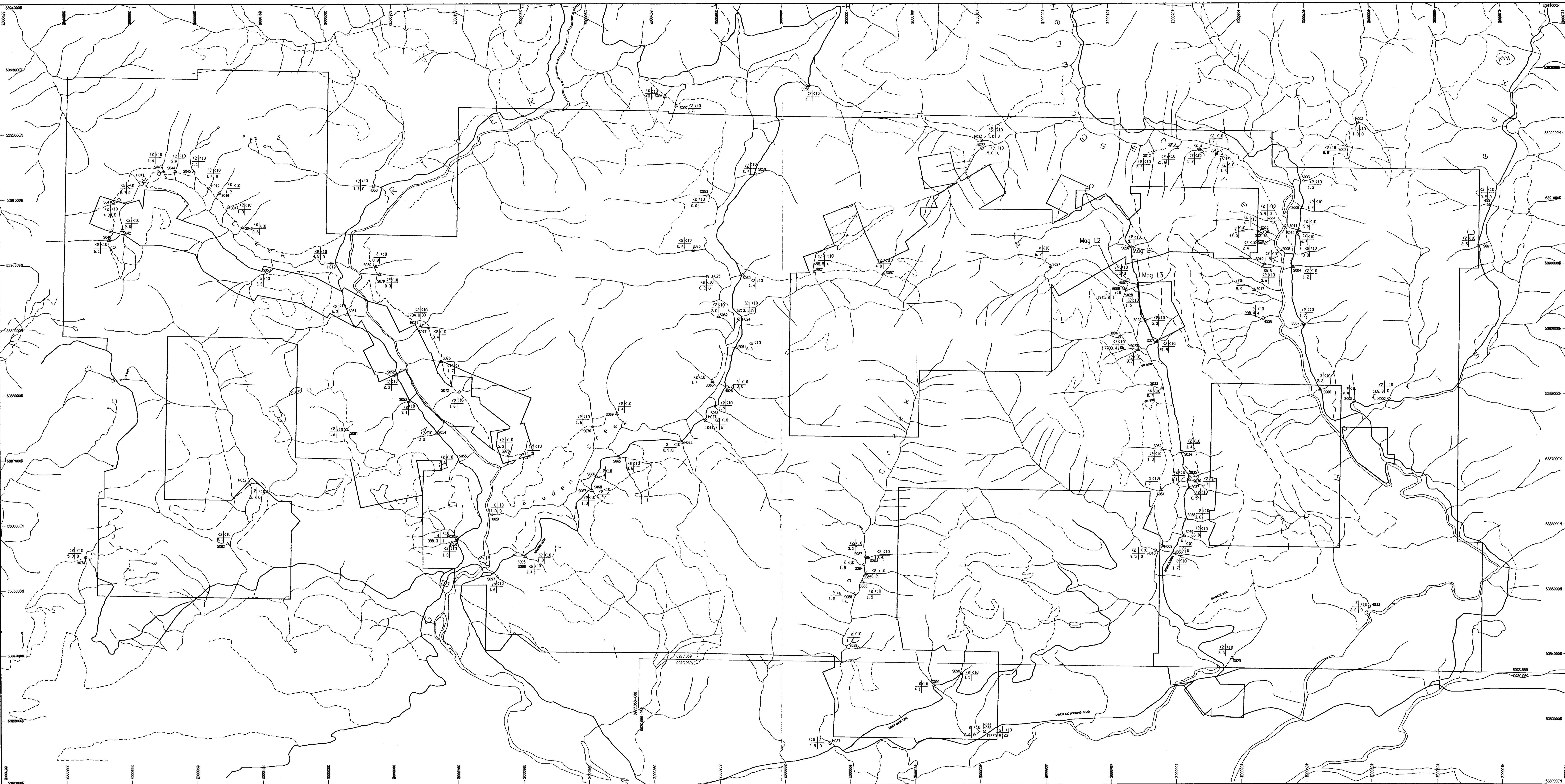
| REVISION DATE | REVISION BY | REVISION |
|--------------------------------|-------------|-------------------|
| May 27/2003 | RM | Stream Sample Loc |
| June 4/03 | RM | Claims |
| June 5/2003 | RM | Geology |
| Sept/03 | RM/DW | Insert values |
| Path: c:\vsad\2000\project\726 | | |



DISCOVERY Consultants
 GEOLOGICAL SURVEY BRANCH
 ASSESSMENT
Emerald Fields Resource Corp.

Pearson PGE Property
 Stream Sediment Sampling
 Sample Location Map
 & Geophysics Line Locations

Location: Port Renfrew Mining Jurisdiction: Victoria
 Datum: NAD83 Map Ref: 92C.069/68 Scale: 1:20000 UTM: 10
 Project: 726 Date: May 5/2003 Drawn by: RM Figure: 7a



Base map after Government of B.C. 1992-1993 Trim Map
 Roads after Timber West Forest Development Plan 2003-2007

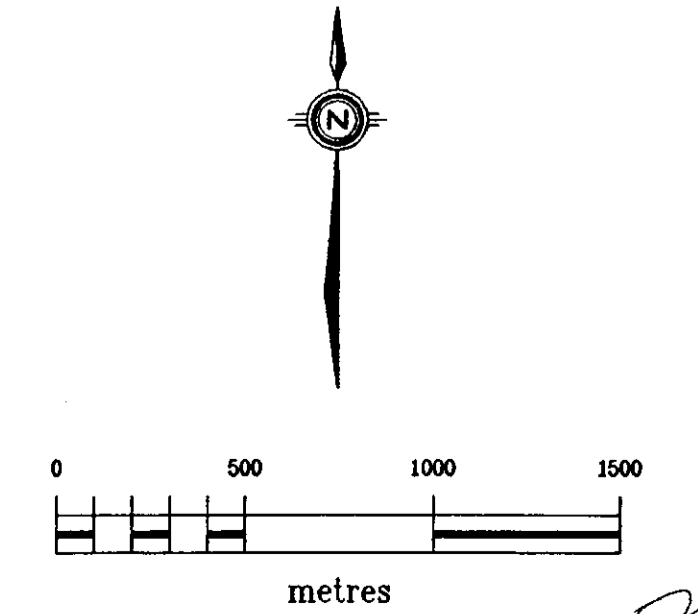
Major road ———
 Minor road - - - - -
 Deactivated road - - - - -

○ H032 Heavy Mineral (-80HN) Sample Location
 Value in ppb platinum 2 | 10
 Value in ppb gold 3.8 | 0
 Value in micrograms gold
 -80HN: -80 mesh, >3.2 sg, nonmagnetic fraction

△ S061 Silt Sample Location
 Value in ppb platinum 2 | 10
 Value in ppb gold 1.5 | 0
 Value in ppb palladium

| REVISION DATE | REVISION BY | REVISION |
|---------------|-------------|-------------------|
| May 27/2003 | RM | Stream Sample Loc |
| June 4/03 | RM | Claims |
| June 2/2003 | RM | Contour |
| Sept/03 | RM/DM | Insert values |

Path: c:\veco2000\project\726

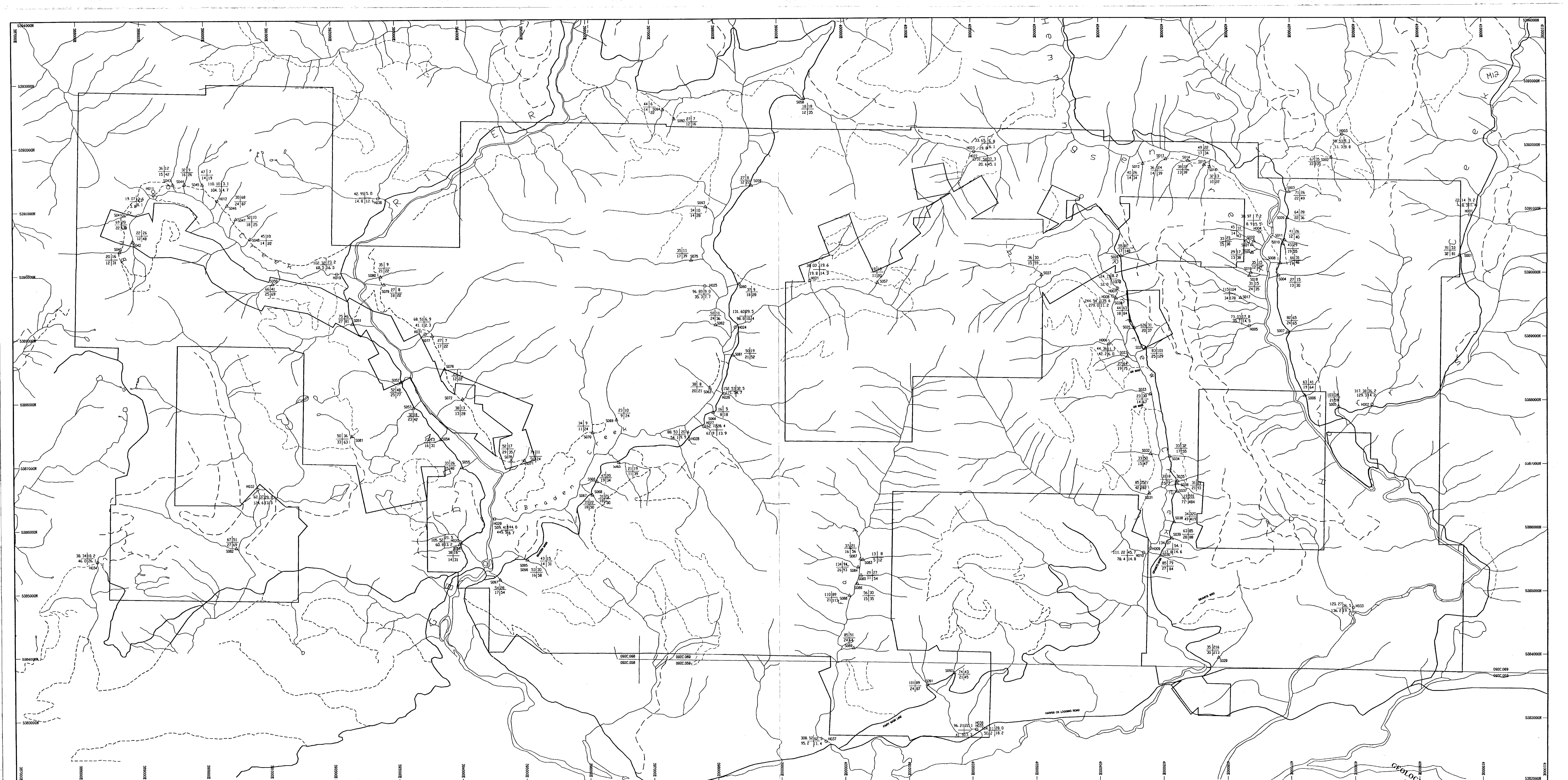


DISCOVERY Consultants

Emerald Fields Resource Corp.

Pearson PGE Property
 Stream Sediment Sampling
 Pt, Pd, Au Values

Location: Port Renfrew Mining Jurisdiction: Victoria
 Datum: NAD83 Map Ref: 92C.069/68 Scale: 1:20000 UTM: 10
 Project: 726 Date: May 5/2003 Drawn By: RM Figure: B0

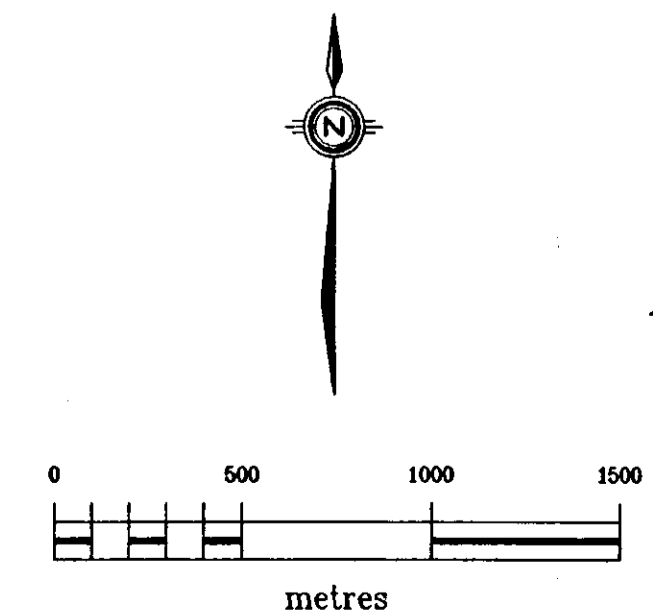


Base map after Government of B.C. 1992-1993 Trim Map
 Roads after Timber West Forest Development Plan 2003-2007

Major road
 Minor road
 Deactivated road

○ H032 Heavy Mineral (-80HN) Sample Location
 Value in ppm copper: 308, 306, 3
 Value in ppm nickel: 95.8, 11.4
 Value in ppm cobalt: 11.4
 Value in ppm chromium: 11.4
 -80HN: -80 mesh, >3.2 sg. nonmagnetic fraction

△ S081 Silt Sample Location
 Value in ppm copper: 36, 30
 Value in ppm nickel: 15, 25
 Value in ppm cobalt: 15, 25
 Value in ppm chromium: 15, 25



DISCOVERY Consultants
 Emerald Fields Resource Corp.
 Pearson PGE Property
 Stream Sediment Sampling
 Cu, Ni, Co, Cr Values

Location: Part Renfrew Mining Jurisdiction: Victoria
 Datum: NAD83 Map Ref: 92C.069/68 Scale: 1:20000 UTM: 10
 Project: 726 Date: May 5/2003 Drawn By: RM Figure: 9a