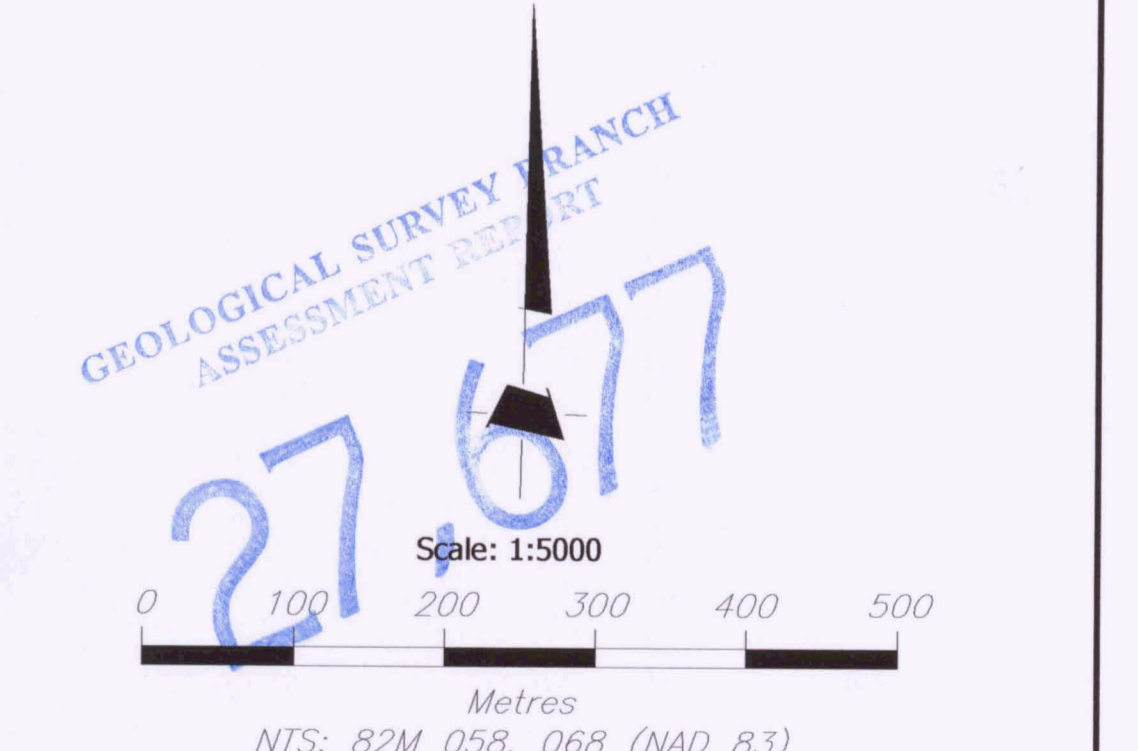
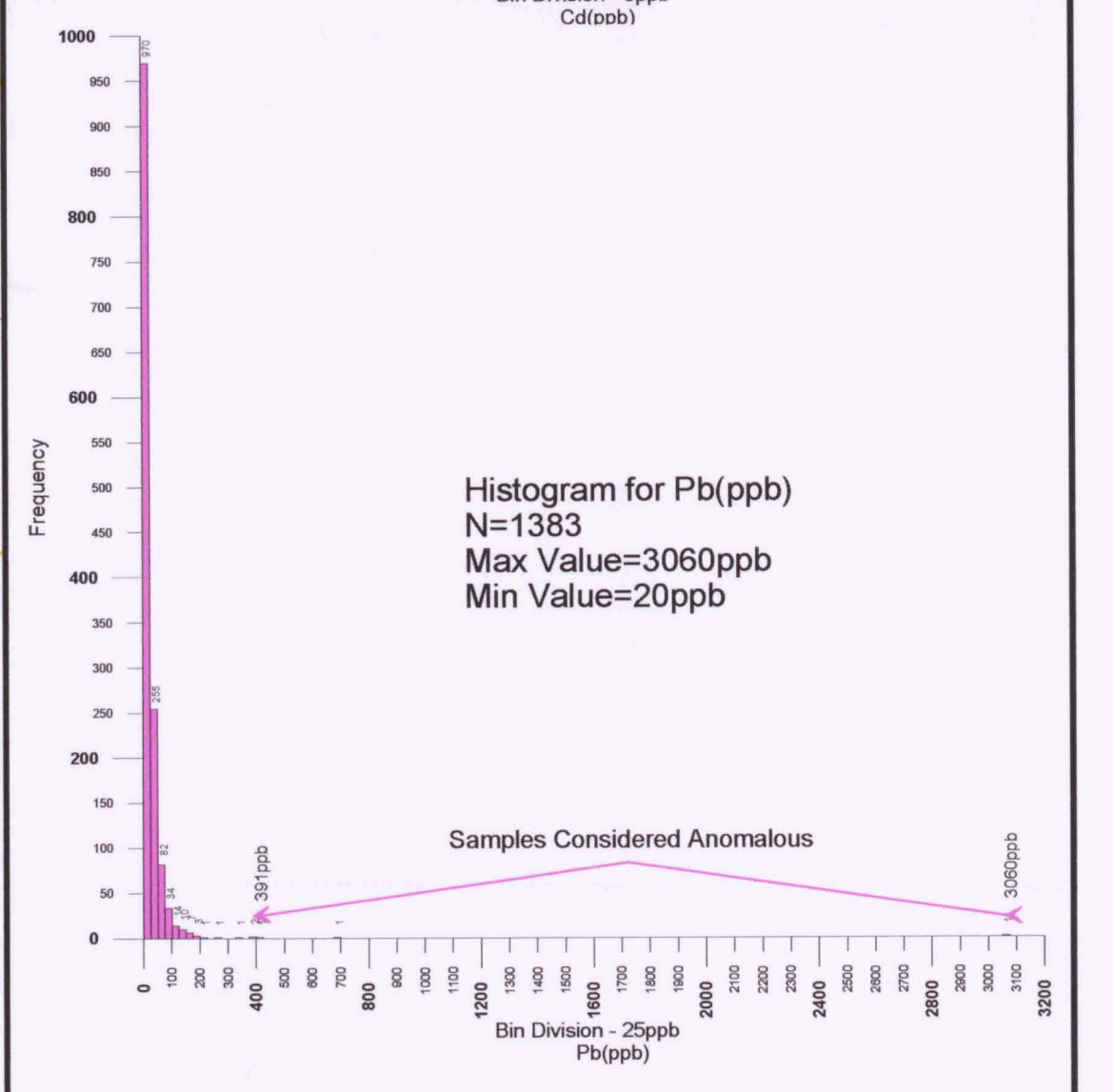
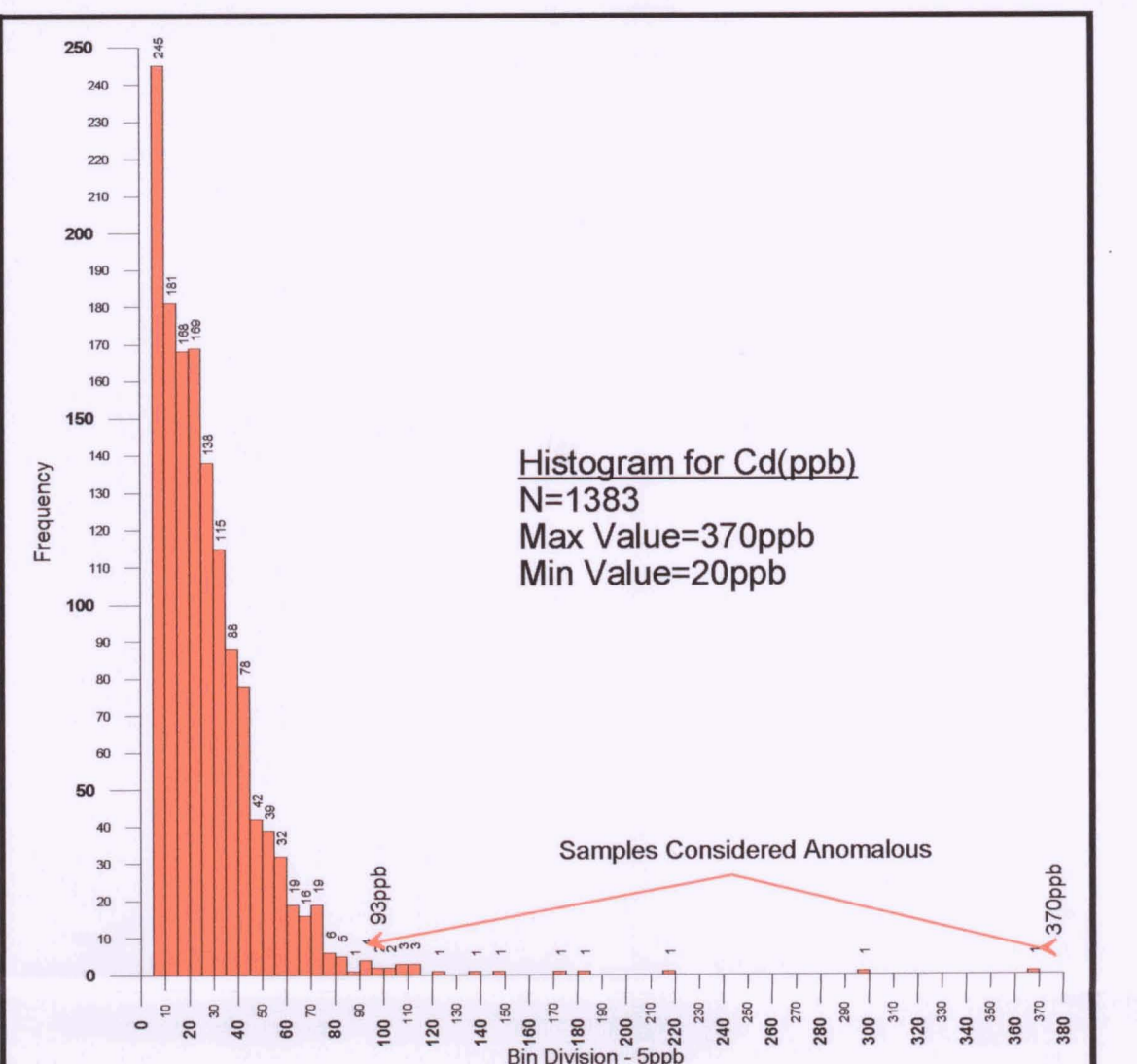
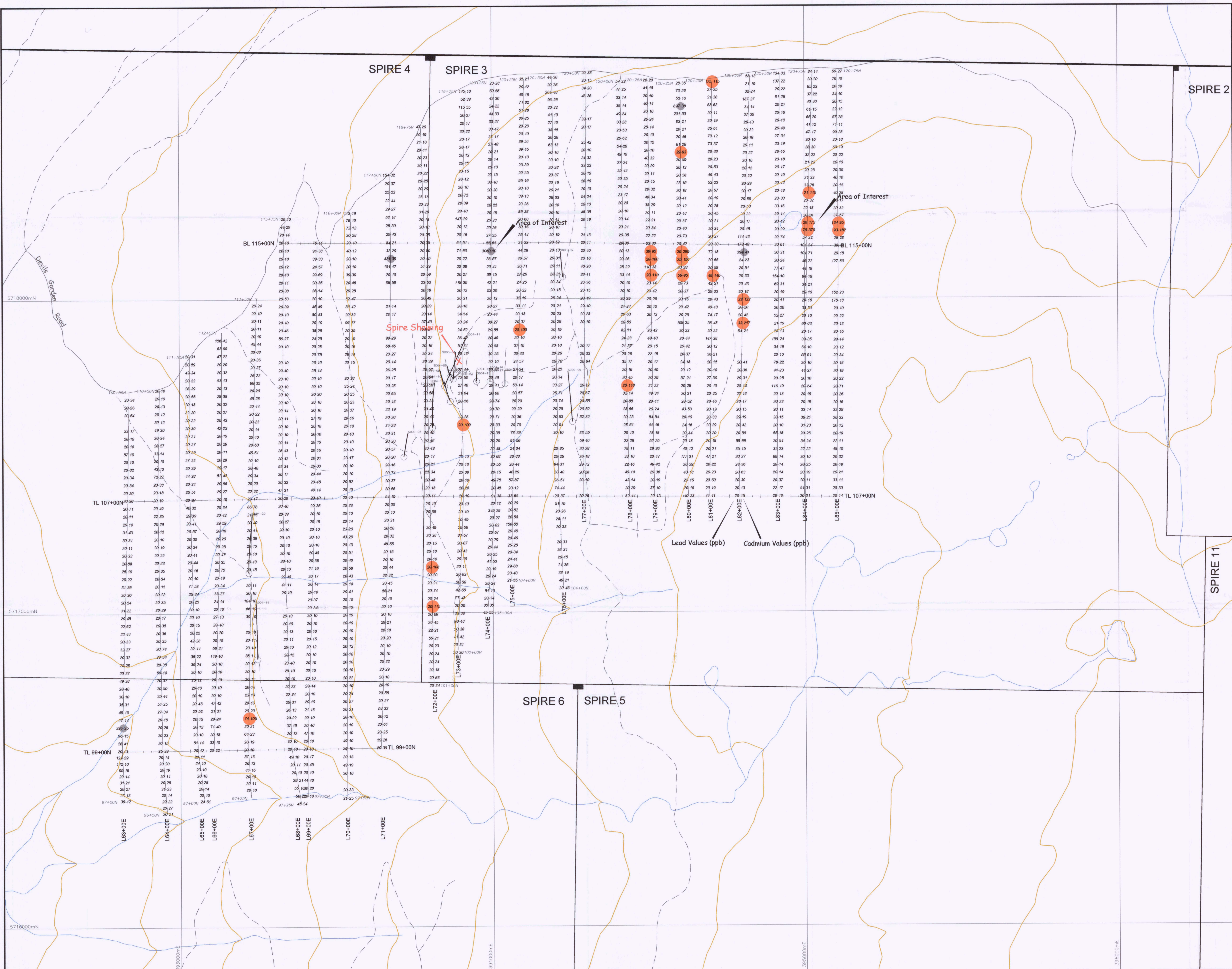


See Appendix II for Complete Soil Geochemical Results and Sample Descriptions



ORPHAN BOY RESOURCES INC. and BETHLEHEM RESOURCES (1996) CORP.
BIG BEND METALS PROJECT
 2004 MMI SOIL GEOCHEMICAL RESULTS
 Copper and Zinc Bubble Plot



SYMBOLS

- Drillhole Trace and Number

Bubble Plot Legend

- Cd(ppb)
 - 93 to 370
- Pb(ppb)
 - 301 to 3000

See Appendix II for Complete Soil Geochemical Results and Sample Descriptions

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

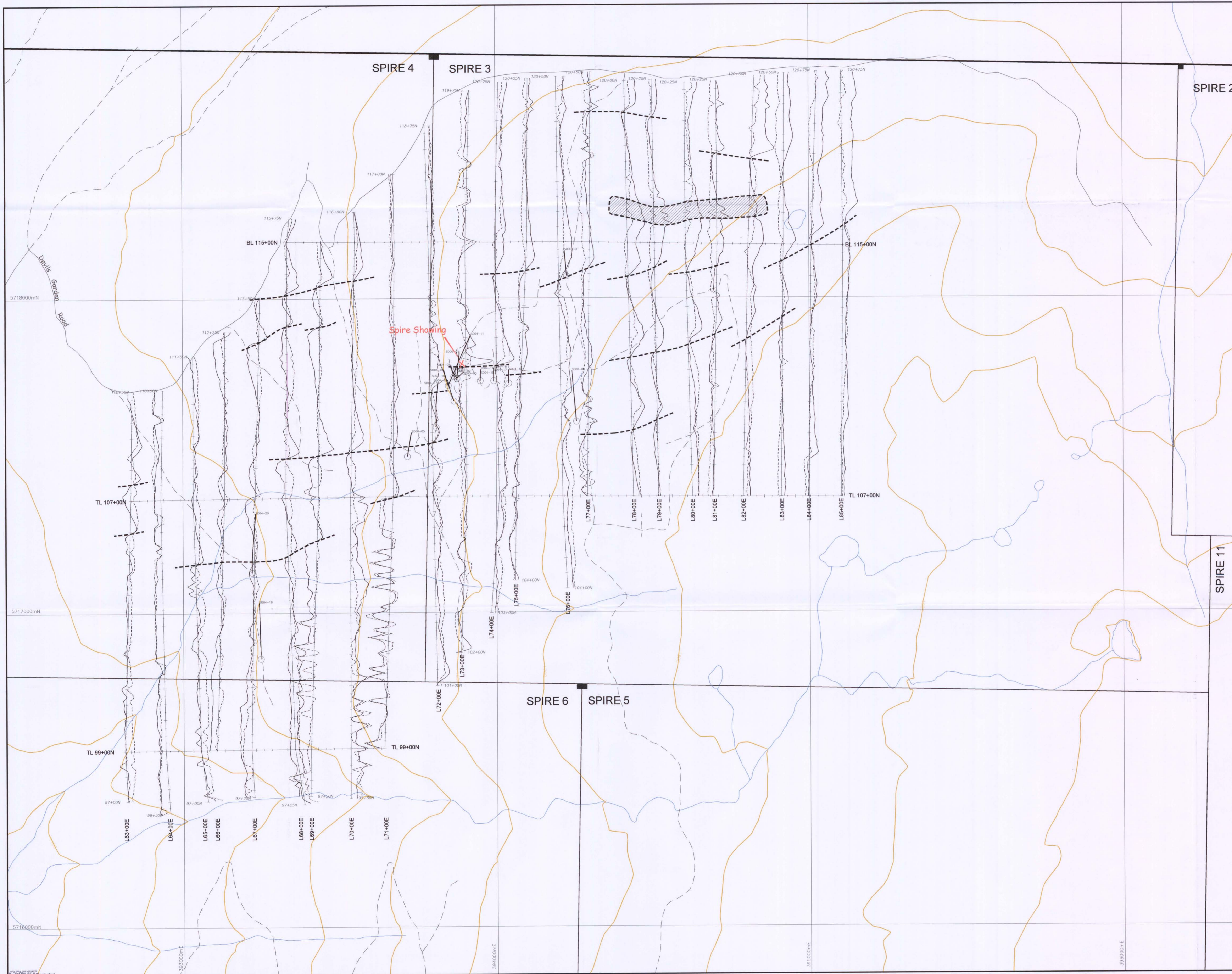
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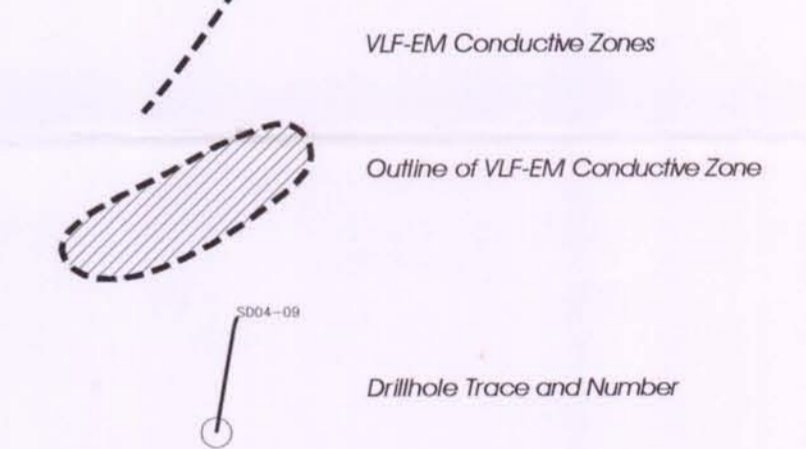
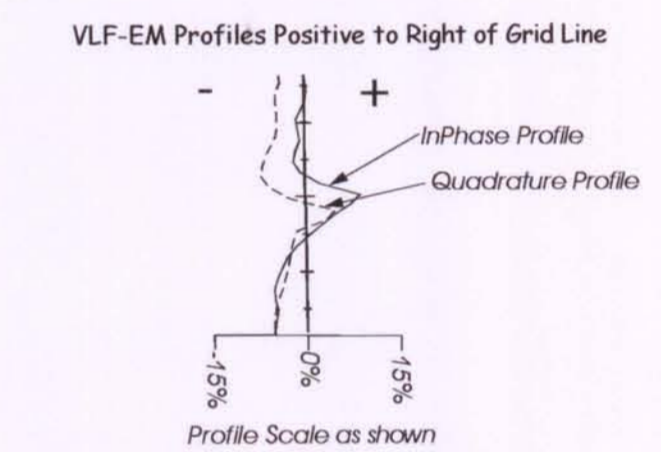
0 100 200 300 400 500
Metres

NTS: 82M 058, 068 (NAD 83)
Revelstoke Mining Division

ORPHAN BOY RESOURCES INC. and BETHLEHEM RESOURCES (1996) CORP.
BIG BEND METALS PROJECT
2004 MMI SOIL GEOCHEMICAL RESULTS
Lead and Cadmium Bubble Plot



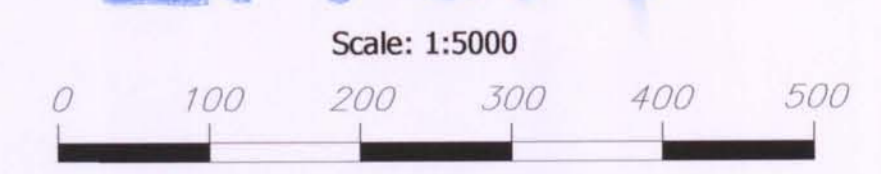
SYMBOLS



See Appendix III for complete listing of Magnetic and VLF-EM values

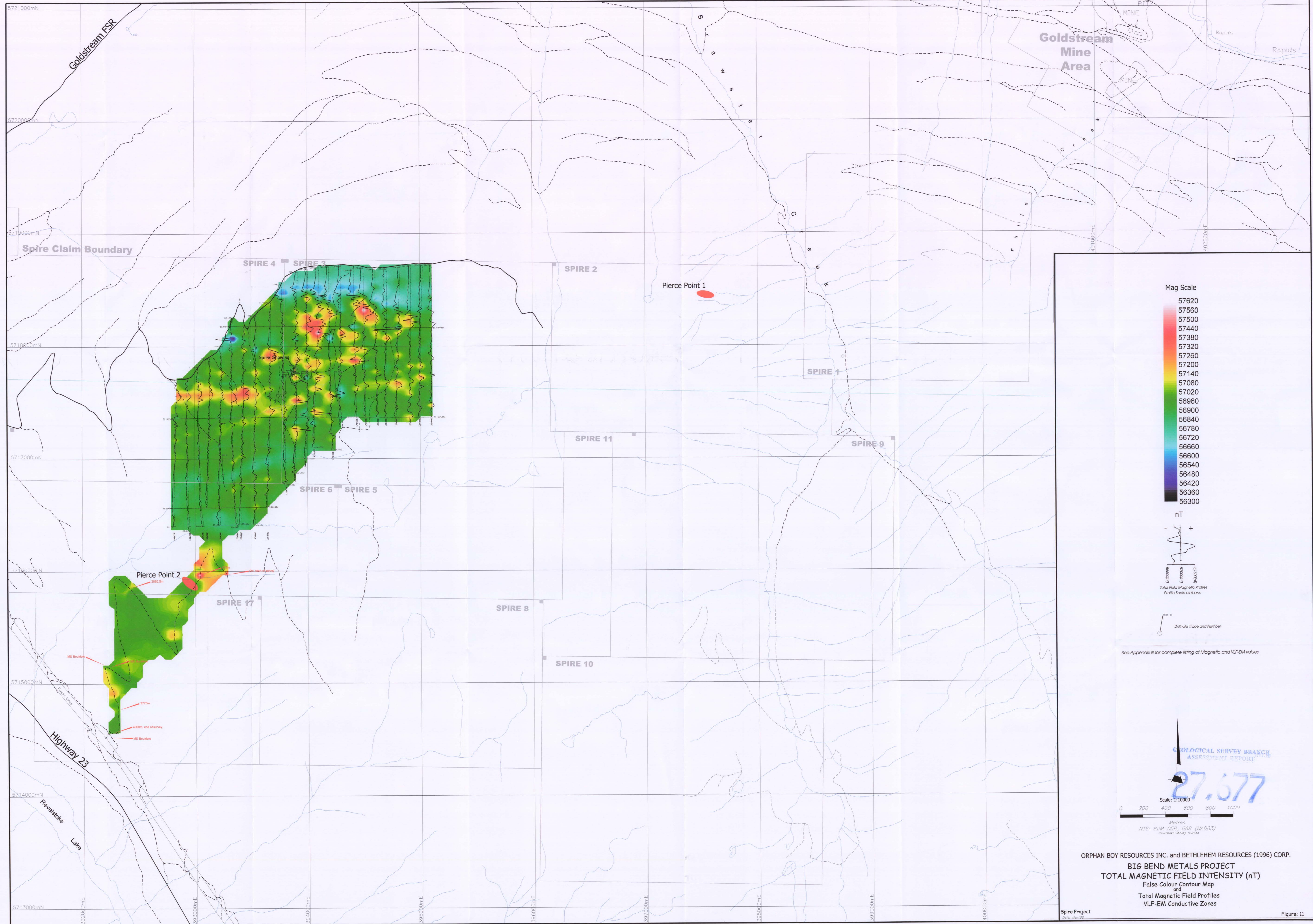
**GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT**

27,577

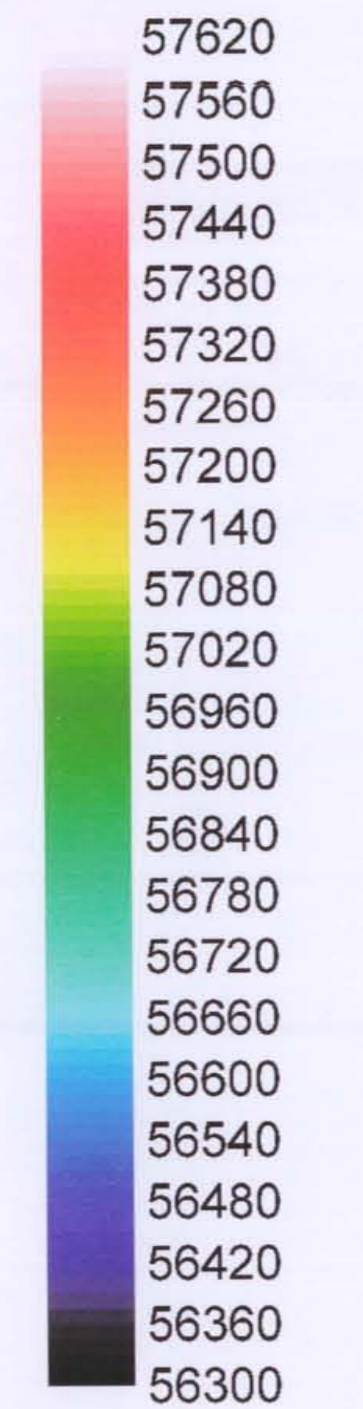


NTS: 82M 058, 068 (NAD 83)
Revelstoke Mining Division

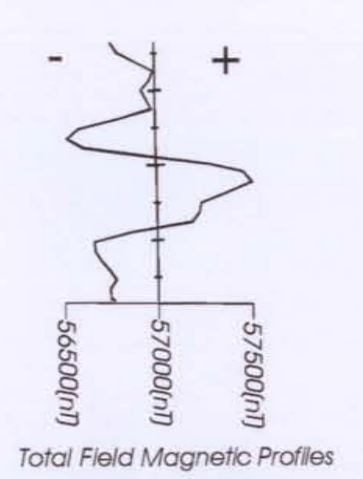
ORPHAN BOY RESOURCES INC. and BETHLEHEM RESOURCES (1996) CORP.
BIG BEND METALS PROJECT
VLF-EM SURVEY
INPHASE and QUADRATURE
Staked Profile Map



Mag Scale



nT



Drillhole Trace and Number

See Appendix III for complete listing of Magnetic and VLF-EM values

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

27.577

Scale: 1:10000

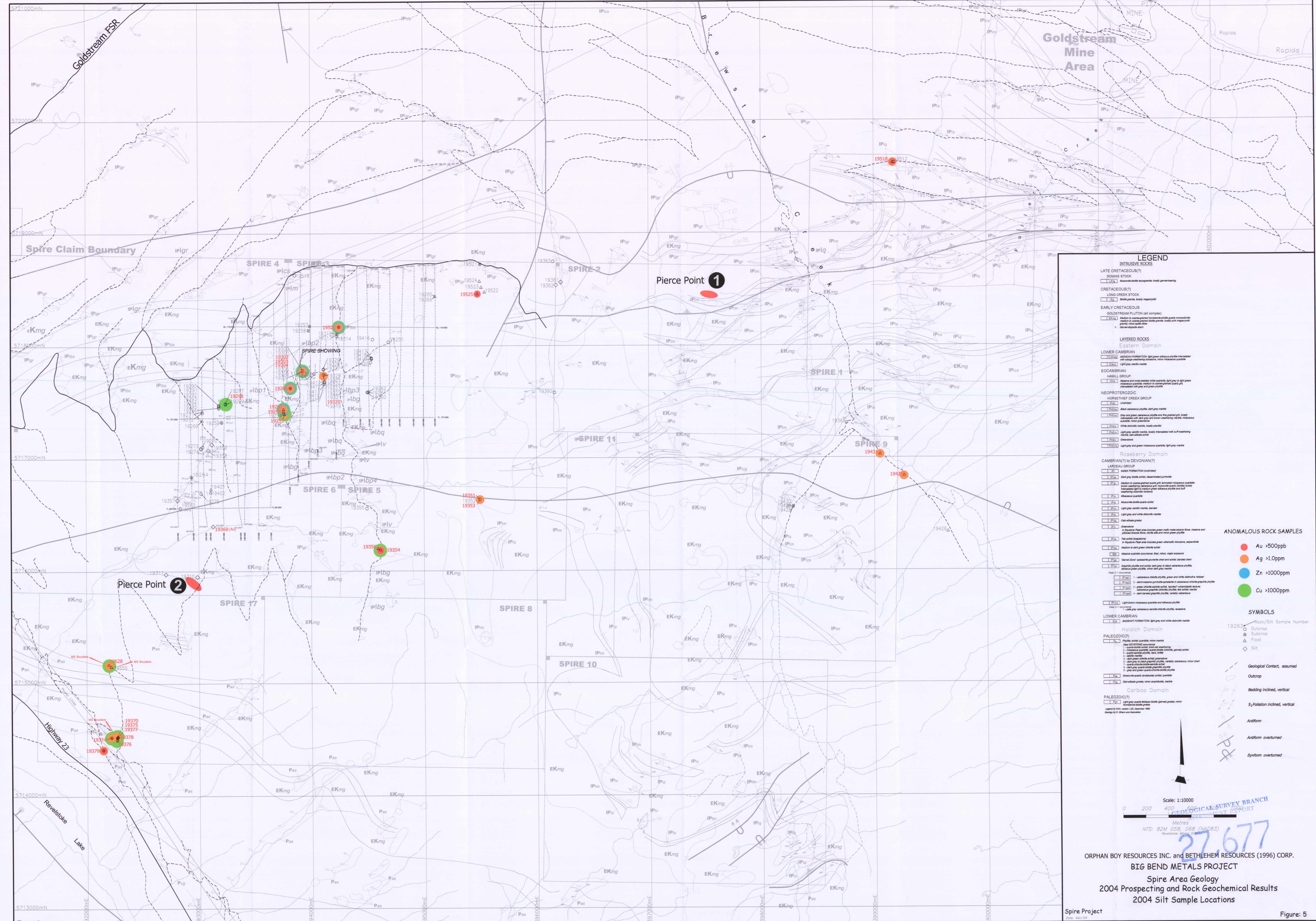


NTS: B2M 05B, 06B (NADB3)
Revelstoke Mining Division

ORPHAN BOY RESOURCES INC. and BETHLEHEM RESOURCES (1996) CORP.
BIG BEND METALS PROJECT
TOTAL MAGNETIC FIELD INTENSITY (nT)
False Colour Contour Map
and
Total Magnetic Field Profiles
VLF-EM Conductive Zones

Spire Project

Figure: 11



LEGEND

- INTRUSIVE ROCKS**
- LATE CRETACEOUS(?)
 - DOWNIE STOCK
 - CRETACEOUS(?)
 - LONG CREEK STOCK
 - EARLY CRETACEOUS
 - GOLDSTREAM PLUTON (all complex)
- LAYERED ROCKS**
- Eastern Domain**
- LOWER CAMBRIAN**
- ASHOBY FORMATION (all complex)
- EOCAMBRIAN**
- HAMIL GROUP
- NEOPROTEROZOIC**
- HORSETHIEF CREEK GROUP
- Rosberry Domain**
- CAMBRIAN(?) to DEVONIAN(?)**
- LARDEAU GROUP

- ANOMALOUS ROCK SAMPLES**
- Au >500ppb
 - Ag >1.0ppm
 - Zn >1000ppm
 - Cu >1000ppm

- SYMBOLS**
- Rock/Silt Sample Number
 - Outcrop
 - Subcrop
 - Faust
 - Silt
- Geological Contact, assumed
- Outcrop
- Bedding inclined, vertical
- S₁ Foliation inclined, vertical
- Antiform
- Antiform overturned
- Synform overturned

Scale: 1:10000

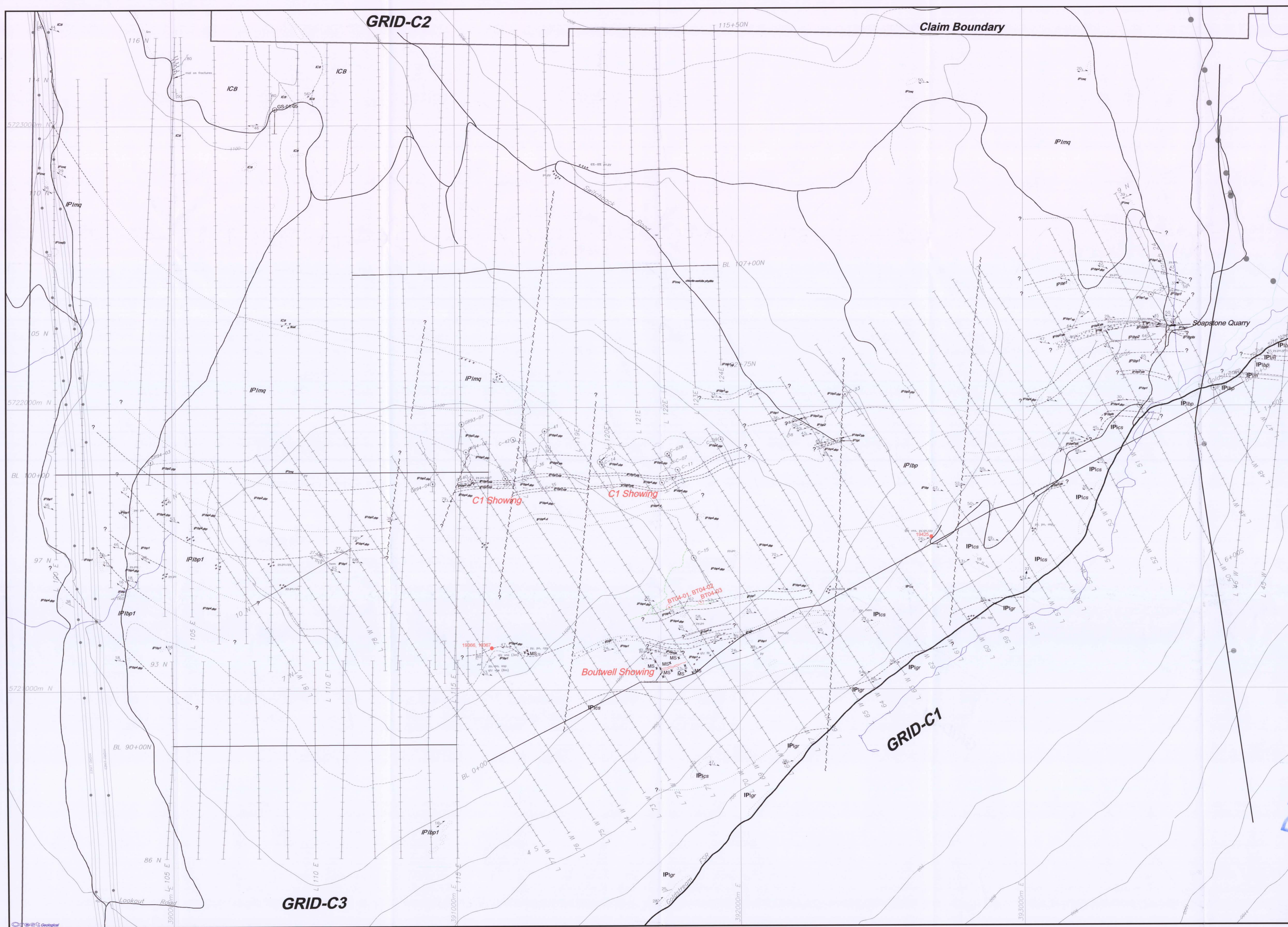
0 200 400 Metres

Geological Survey Branch
Geological Survey of Canada

NTS: 82M 058, 068 (N4083)
Revised 1988

27.677

ORPHAN BOY RESOURCES INC. and BETHLEHEM RESOURCES (1996) CORP.
BIG BEND METALS PROJECT
Spire Area Geology
2004 Prospecting and Rock Geochemical Results
2004 Silt Sample Locations



LEGEND

INTRUSIVE ROCKS

LATE CRETACEOUS(?)

DOWNIE STOCK

IPDg Muscovite-biotite leucocratic; locally garnet-bearing

CRETACEOUS(?)

LONG CREEK STOCK

IPDc Locally granitic; locally megacrystic

EARLY CRETACEOUS

GOLDSTREAM FLUTCH (all complex)

IPDm Medium to coarse-grained hornblende-biotite quartz monzonitic; medium to coarse-grained biotite granite locally megacrystic; granitic; minor mafic dikes

IPDn Garnet-bearing diorite

LAYERED ROCKS

Roseberry Domain

CAMBRIAN(?) to DEVONIAN(?)

LARDEAU GROUP

IPDf INDEX FORMATION (undivided)

IPDg Dark grey biotite schist, disseminated pyroxene

IPDh Medium to coarse-grained quartz gneiss; hornblende quartzite; hornblende gneiss; green mafic metabasite; green mafic schist; weathering siliceous; hornblende

IPDi Microcrystic quartzite

IPDj Muscovite-biotite-quartz schist

IPDk Light grey calcitic marble, banded

IPDl Light grey and white dolomitic marble

IPDm Calc-silicate gneiss

IPDn Greenstone

IPDp Massive flow area includes green mafic metabasite flows, massive and pillowed breccia flows, diorite sills and minor green phyllite

IPDq Tabular schist (sagittiform)

IPDr Massive flow area includes green ultramafic intrusions, serpentinite

IPDs Medium to dark green chlorite schist

IPDt Massive sulphide occurrence: float, minor, major exposure

IPDu "Garnet Zone" spessartite-granulite chert and schist; banded chert

IPDv Graphitic phyllite and schist; dark grey to black calcareous phyllite; calcareous green phyllite; dark grey marble/diorite [MS]; see schist [L1]

Near-C1 occurrence:

IPDw green chlorite-sericite phyllite/schist, "spotted" ultramylonitic texture [MS]; calcareous graphitic (chlorite) phyllite; minor quartzite

IPDx calcareous chlorite phyllite, green and white dolomite "stripes" [MS]

IPDy green phyllite, pale blue-grey banded limestone [MS]

IPDz semi-massive pyrrhotite-sphalerite [MS]; in calcareous "stripes" chlorite-graphite phyllite and graphitic phyllite

IPDaa dark banded graphitic phyllite [MS]; variably calcareous; chlorite and/or talc [L1]

Near-C2 occurrence:

IPDab Light brown micaceous quartzite and siliceous phyllite

Near-C3 occurrence:

IPDac Pale grey calcareous sericite-chlorite phyllite, recessive

LOWER CAMBRIAN

IPDad SAGITTIFORM FORMATION: light grey and white dolomitic marble breccia

Holdich Domain

PALEOZOIC(?)

IPDae Phyllite, schist, quartzite, minor marble

Near C1 occurrence:

IPDaf quartz-biotite schist, biotite and weathering

IPDag muscovite-quartzite, quartzite, biotite (chlorite, garnet) schist

IPDah calcitic marble

IPDai dark green chlorite schist, greenstone

IPDaj dark grey to black graphitic phyllite, variably calcareous; minor chert

IPDak quartz-chlorite-biotite-sericite schist

IPDal dark grey quartz-biotite-graphite phyllite

IPDaa grey and green quartz-chlorite-biotite phyllite

IPDab Muscovite-quartz (undivided) schist, quartzite

IPDac Calc-silicate gneiss; minor amphibolite, marble

Caribou Domain

PALEOZOIC(?)

IPDad Light grey quartz-feldspar-biotite (garnet) gneiss; minor hornblende-biotite gneiss

Legend by G. Payne, G. Gendron, G. Gibson
Revised by C. Payne 2002

SYMBOLS

Geological Contact (approximate, assumed)

Outcrop

Bedding (inclined)

S₁ Foliation (inclined)

S₂ Foliation (inclined)

Joint (inclined)

Shearing (inclined, vertical)

F₃ Fold Axis (viewed down plunge)

MS Massive Sulphide Float

Fault

Fault (normal, dot on downthrown side)

Travertine

GS-01-05 Drill Hole (1990's, 2001)

BT04-03 Drill Hole (2004)

19425 2004 Rock sample Location and Number (See Appendix I for Rock Sample Descriptions and Geochemical Results)

2004 Drill Trails

See Appendix IV for Drill Logs and Geochemical Data

**GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT**

**ORPHAN BOY RESOURCES INC.
BETHLEHEM RESOURCES (1996) CORP.**

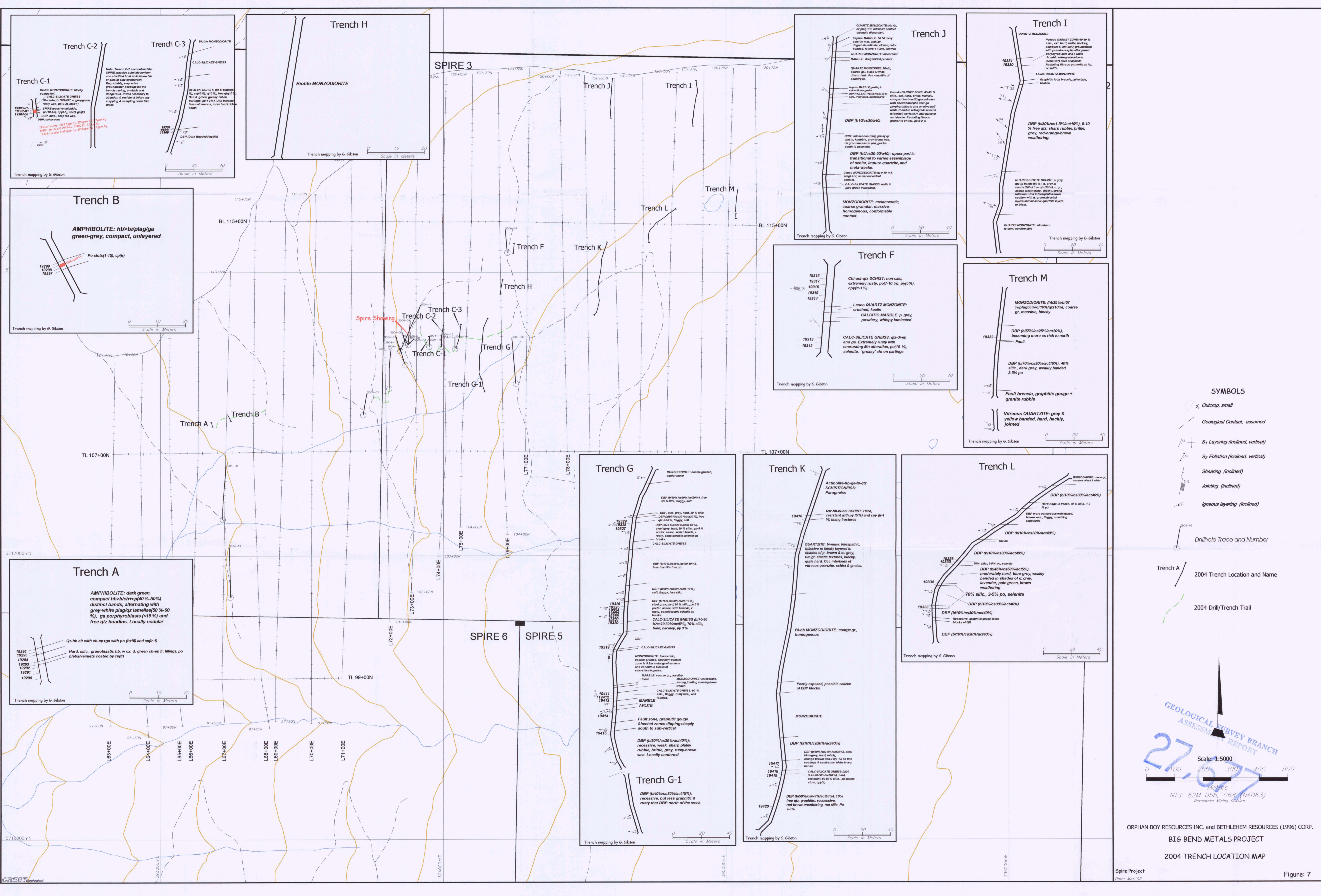
Project No.: 204

BIG BEND METALS PROJECT

**2004 DRILL HOLE LOCATIONS
2004 Rock Sample Locations**

(C-1 Area)

SCALE	DATE	BY	NIS NO.	FIGURE
1:5000	Mar/05	CWP	82M/10	6



SYMBOLS

- Outcrop, small
- Geological Contact, assumed
- S₁ Layering (inclined, vertical)
- S₂ Foliation (inclined, vertical)
- Shearing (inclined)
- Jointing (inclined)
- Igneous layering (inclined)
- Drillhole Trace and Number

- Trench A
- 2004 Trench Location and Name
- 2004 Drill/Trench Trail

**GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT**

2707

Scale: 1:5000

0 100 200 300 400 500
Metres

NTS: 82M 058, 068 (NAD83)
Revelstoke Mining Division

ORPHAN BOY RESOURCES INC. and BETHLEHEM RESOURCES (1996) CORP.
BIG BEND METALS PROJECT
2004 TRENCH LOCATION MAP