

June 5/02

Pennycoste Creek - Tagish Narrows
SMA

Food and cat disturbance

FA02-001 PAN CONCENTRATE

	<u>PANS</u>	<u>COLORS</u>	
Rus	2	2	mod coarse
RWH	2	4	fine
BA	1	2	
FAA	1	4	Nuggie

NAD 93

543 274E

6678526N

Float Boulders

FA02-002

Massive pyrochloite
band 7-8cm or
dark rusty hornfels
boulder 1 x 0.7 x 0.5m
Fine banded pyrite in pyrochloite

Qz Monzo

marble

Feldspar porphyry

black f. porph.

Green dark ANDESITE -

Grey limestone

foliated Qz-monzo?

Black chert

porphyritic (syenite)

feldspar

Hornfels boulders not
uncommon

Old time - drag line
tower in creek

FA02003 - silt sample
Active stream below
BOULDER 002

June 10/2002
Koidern River
Serious Road Cut
Pickhardt Lake SMA

Nasira graphite quartzite
~~Windy~~ ~~base~~ ~~base~~
- ~~1~~ ~~chert~~ ~~of~~ ~~green~~ ~~stone~~
muscovite ^{siliceous} meta morphic
assemblage.

Photos #3 - close up ~~Rock~~ ~~cut~~
#4 - Group and cut ~~chert~~
#5 - Center of cut.

NAD 27 ZONE 2
539708 E
6863714 N

#6 - Wetlands in
SMA.

Photo #7 Distant
Cut Nasira / Windy ~~cut~~
#8 Contact in Quarry

Fault surface

113° / 75° S

slickensides plunging at
30° SW

0542685 E

6862007 N

690 m el.

BANDING IN LST
186° / 85° S

black/white
BANDS

SAMPLES

JVR02001

002

003

JT 356° / 78° E

June 11 / Scottie Creek
SMA.

RS0251

0521537 E

6961825 N

medium-coarsed grains

Dull brown weathers

hbl-d-Qtz-bio-feldspar

weak foliation

hbl granodiorite

castellated outcrop

5m x 5m

97661

-RS02501 - ICP

RS02502 - whole rock

Hand specimen

002 - Renans
RS0252

0521083 E

6960865 N

Granodiorite Boulder
field on hilltop

Alusite flat
between

Starvation MtW

RS0253 Sample 97651

Qtz musc schist
light brown - tan
weathering.

0501322 E
6956645 N 1152 m

Rep sample.

032 / 31° NW
small rubble
probably
boulders

RS0254

Sample 97652

Qz - VN. float scattered
in Qz - musc schist

E 0501350
N 6956634 1153 m.

Qz VN TRAIN

0501373
6956672 1151 m

RS0255

RS0256 - outcrop

Qz-muscovite schist

076/34°N

White Qz lense. xcut foliation

2-4 cm.

102/80°S

0501406 E

6956670 N

1147m

IT's 009°/88°E

SAMPLE

97653

photo - vial
- outcrop

Sch - well foliated
to thin-mod
banded

RS0257 Soil Sample Site

0501230 E

6956496 N

1128m

Light buff - light brown

Qz-musc sch
frags

ORN - BRN B1 Soil

35cm.

RS0258

1126m

0501184 E

6956339

Soil Sample
Kld. schist
Qz frags

brown

10cm

RS0259

0501101 E
6956205 N

1135 A

Soil Sample

Brown 25cm

rusty Qz frags

RS02510

0501058 E
6956219 N

1131 m

Scree - Qz-musc schist
sub-crop Abundant white Qz vnlets

2 - 10 cm
sample 97659 Ant 32 JCP

10 x 7 m area

RS02511

0501008 E
6956178 N

1129 m

Qz-musc schist
scree - sub-crop

well foliated thinly
laminated
rusty brown weathering

rusty Qz blades
- sample 97655
✓ whole rock

RS02512 - Photos -

- soil sample ct -

0500981 E 1128
6956157 N

Geodetic PIN STN IBC
1943

050°/32° W foliation

Brown weathering thinly
laminated grey Qz (musc) sch

✓ - siltstone?
Whole Rock Qz string 112°/42° N

RS02S13

1032 m

0500869 E
6956442 N

Silt sample.

- low flow

- moderate - fast rate

seasonal drainage

Active silt site

RS02S14

0500776 1027m
6956772

Silt Sample

low flow

low rate

Seasonal drainage
fine silt

RS02S15

Dark grey carbonaceous
qtz - musc siltstone
thinly laminated

0500772 E 1030m
6956801 N

slumped sub-crop

RS02S16

174/36°NE

Rusty brown weathering
medium bedded massive
to weakly laminated
Qtzite grey

0500774 E 1064m
6956817 N

Rock sample (97656)

conformable Qtz lenses 4-6cm

RS02517

Top of meta-sst
cliff

banding and lamination
more visible

- cross bedding

dark grey

see GPS - co-ords

RS02518

Second cliff of
meta sst

mod well bedded.

Brown & grey weathered
grey meta-sst (Qtzite)

99°/19°N

Bedding

~~RS-5~~

0500797 E

~~1070~~

6956857 N

1079m

photo - bedding
- outcrop / B

RS02519

0500808

1120m

6956918

Top of Quartzite cliff

photos - SMA-SEI

- Quartzite Bluff

RS02520

Old shallow exploration
pit

in Quartzite

Qz-lens

11cm 14-20cm

0500950 E

1114m

6956914 N

Rock sample.

97657

Trend on vln 155°/81°S

RS02521

Thick bedded dark rusty
brown weathered meta-
sst

massive to thinly bedded

0500911 E

1085m

6956861 N

bedding 115/40° N

15m x 5m outcrop

RS02522

scree on slope

foliated light brown
buff weathering
Qtz ± muscovite

0501032 E

1159m

6956741 N

Stronger felsic appearance

June 12/02

STARVATION MTN

RS02523

097681

Grey brown weathering
meta sst

thin bedded with
platy interbeds

098°/32° N

1137m

0501382 E

6956583 N

RS02524

meta sst

/ Qtz ±

1109m

0501388

6956485

RS02525

Silt Sample

1072m

0502833 E

6955296 N

Qtzite cobbles

Fine Qz-musc schist
frags

RS02526

outcrop

15m

high bluff

Qtzite / meta sst

Light Ben. weathered

0502969 E

984m

6954987 N

RS02527

Silt Sample

- Qz-musc sch.

- Qtzite cobbles

908m

0502983 E

6954727 N

RS02528

Silt Sample

15

824m

0502987 E

6954174

Qtzite cobbles

fine Qz-musc schist

course silt

RS02529

Silt Sample

small creeklet

Qz

Qz - musc

pebbles

0503689 E

901m

6954195 N

RS02530

Silt Sample

Creek 2-3

mod-high rate flow

fairly coarse silt

0504063 E

825m

6954285 N

atrite Boulder /

Qz - musc Sch.

RS02531

Silt Sample

Good flow in creek

~~org~~

Organics

Poor silt accumulation

0504276

743m

6953706

RS02532

Silt Sample

Moderate flow and rate
through organics

Still good silt bars

0504237 E

707m

6953227 N

muscote grass

RB02533

silt sample
organic bed with
active silt sed para

0503768 E
6951796 N

681m

RS02534

No sample

Creek Jet

two shallow
organic bedded Creek

Low lying and
shallow drainage

0503507 E
6952225 N

668m

June

RS02535

Rubble of Grey weathering
Qtzite

1133m

0500817 E
6957165 N

RS02536

soil sample

25cm orange BRN

layer of Qtzite cobbles angular

1085m

0500589
6957752

RS02537

Rubble - sub Angular
hbl - biot - granodiorite

1033m

0500326 E
6957930 N

equigranular - medium grained

Rep sample

BORDER - RS02538

Danger trail? Border
Alaska/Yukon

0500000 E 1000m
6958325 N

Soil Sample

Granodiorite bldns
photos

MONUMENT #159

photos

0500056 E 1004m
6958245 N

Granodiorite bldns

RS02539

Soil sample / pseudo-silt
- Game trail disturbed
60-70cm

0500261 E 1023m
6958016 N

Amalgamated outwash of
soil.
granodiorite boulder

RS02540 - soil sample
- rock sample
97658

- float in small pit
- horn bls Qtzite
meta-silt?

Soil brown - 30cm

0500389 E 1057m
6957775 N

RS02541

Soil Sample

20 cm.

orange BRN

SAND 30

SILT 40

clay 30

0500514 E 1078m

6957604 N

RS02542

soil sample

- wet / Progn

- 30 cm BRN

60% clay

97659 - Qtz with limonite
hematite blebs

0500635 E 1104m

6957425 N

RS02543

soil Sample

orange Brown

30-40% clay

20 cm

0500750 E

1137m

6957164 N

platy quartz cobbles

June 14 / 02
Wellesley Lake.

RS02 W01 - Basalt outcrop

780m

0567789 E
6924905 N

✓ ASSAY

97663

✓ Whole Rock

✓ Hand Specimen

RS02 W02 - platy
basalt

744m

0567498 E
6924996 N

060°/29°W

-22° W

RS02 W03 -

Amegdaloidal olivine
basalt

0567030 E
6924835 N

766

✓ Whole Rock

✓ Rep

RS02W04

Soil sample

orn brn

up root stump

site

basalt float.

783m 0566193 E

6924666 N

Basalt outcrop up slope

RS02 W05

Basalt etc.

thick bedded

& flat ish

0565998 E

6924546 N

798m

RS02W06

soil 4L BRN
GOOD

0565989E

77m

6924426N

RS02W07

007

Basalt on steep
hill slope.

RS02W08

Basalt slope
cont.

pick up 56567E 607m
6923680N

SNAFU / TIRFU SMA

June 20 / 02

Placer Excursion

RS2T01 -

0573923E

6654301N

Rock

#97664

862m

Carbonaceous argillite

rusty weathering black

mod well foliated

125°/74°S bedding

cht bands.

85°/20°S cleavage?

100°/40°S

RS2T62

Rusty weathered
argillaceous siltstone

0573942E 861m
6654257N

Rock # 97665. Qz on
1.0m
discontinuous outcrop

Foliation 100%

Boudins of chrt

light grey green mudstone

RS2T03

Thick bedded chrt
105/78°S

rusty BRN weathered
light grey chrt

RS2T03

573988E 870m
6654205N

1006°/80°W

greenish grey
chty mudstone

H 97666 | 0574024E
2 m | 6654178N 880m

fine - 1 cm wht Qz
violet 10-20cm apart

growth evidence
on grey phyllite/self.

172°/80W. on on trending
cleavage 70°/62°S

#97657

Bright Red-rusty weathered

Chert.

argillaceous clay slans

0.5 m.

0574055E

881 m.

6654167N

~~#97658~~

JUNE 24 / 02

KUSAWA LAKE SMA

ROSE PROSPECT

97668 - 0452587E
6690005N

1568m

2-5cm

Rusty weathered narrow

QZ - w/ tr ac. pyrite - galena
limonite grains

cross cutting massive
white QZ veins

slitlike rusty

Hand pits

RSK01

Grey Green andesite f.g.
angular float
with granodiorite

Skuller holes?

1576m

0452565E

6690133N

RSK02

- Boulder train
- massive granodiorite
- light green - grey green andesite
- felsite - fine grained buff
angular
- angular green platy
boulders
- white QZ cobbles

1582m

0452567E

6690161N

RSK03

Rusty weathered late-stage
quartz vein boulders
tr py
vugs - limonite

0452453E

1589m

6690151N

Granodiorite Bldrs

97669 - Rock QZ float

#97670

70 cm white Qzm

with infilled Qz seam (rusty)
paralleling contact.

HW contact rusty patches
FW CN - cold.

155° / 60° E

1501m 0452628E
 6689539N

RSK04 - Meta sed Xenolith
in Granodiorite at
Andersite dyke contact.

1470m

0452510E
6689458N

002 / 85° W

Dyke is 3.5 metres
massive Qzite Beds in fine
grained pebble-Qz gneiss
well foliated

6 metres across xenolith

Qz boudin

rare dikes

Devils hole Creek RGS

+97672 salt sample
sandy-silt good active
large granodiorite Bldg.
zinc moss

0423468E
6666858N

1391m

Good active sediment

June 25

TRAVERSE with Roger

Kusawa SMA

"I" Target - NE of
Kusawa

June 26

SNAFU - TARFU

- Peak east of white mtn

light grey weathering
limestone

97673 - Silt / FAIR
- Dry Stream bed
- below forks
(North fork also
silt/s)

0570648E 1327m
6688903N

limestone boulders and
outcrop
rounded - green volc
- granodiorite
- white Qz pebbles
- calcite cobbles

97674 - Silt / FAIR

Also dry stream south
fork upstream of jet.

0570560E 1352m
6688870N

Grey lot outcrop & boulders
granodiorite
green volc
dight orange dolomite
black chert.

97675 - Silt / poor
intermittent stream

1st boulders

0567469E 1192m
6681598N

old silt sand gravel
mossy

#97676 Soil Fair

BRN

30cm

in W. drainage catchment

LST

green silt

grains pebbles

0567319 E

1190m

6681604 N

#97677 Soil Fair

BRN 20cm

in W drainage catchment

LST / calcite

1163m

~~976~~ 976

Ken Addison Drill Prospect
1964

#97678 - Rock grab 1.5m

Rusty weathering v. fine
grained black chert

massive

bedding at/stands? No

035/65° SE

See JVR

879m - 578744 E

6658819 N

mag sus 0.01

105C 007

TARFU.

97679 silt/poor

- Dry creek bed
Scavenged
silt

0584053 E
6659249 N

852m

greenstone
granodiorite

cht.

97680 - silt/poor

organic based main
creek

Grano boulders - cobbles

0581800 E
6658109 N

876m

97681 - silt/good

Main Creek

Small weeblet from No. 6

Grano cobbles

organic banks

gravel/cobble bars

58472 E

6657921 N

97682

silt
good

Main Creek above
Beaver Pond

0581026E

6657731 N

Grass boulder
gnst.

July 3

Proposed SMA - Kusawa

CAMP #1

RSK05 -

0445849 E

2043m.

6669384 N

TC1 - 10 ~~secs~~

31.7 / 30.3

U

1.1 / 0.8

T

0.8 / 0.7

K

1.1 / 1.1

TC2 -

2.4 / 2.6

Grey or brown weathered

Light grey granodiorite
moderate fine grained
equigranular

Qz - feld (plag?) - biotite - kfsd.
hand specimen

RSK06 - Grey Gramschichte

2073m

0445645 E

6668955 N

10 sec Count

TC1 43.9 / 46.6

TC2 2.6 / 2.3

K 1.2 / 1.8

U 0.8 / 1.0

T 0.8 / 0.7

RSK07 Orange and rusty
weathered granite

0445629 E

2105m

6668599 N

10 sec

TC1 41.8

TC2 2.7

K 1.4

U 0.8

T 0.7

97683 - Soil / good

Brown

0-5 cm

sandy with clay

- essentially talus
- granite boulders

0445645 E

2111m

6668540 N

97684. soil / good
talus

Brown

0-4 cm

sandy with clay

granite boulders

0445684 E

2127m

6668463 N

97685 - Soil / talus
good.

brown
2-5cm
sandy clay
granite boulders

0445842 E 2170m
6668359 N

RSK08 - Hill Crest

10 sec.	3.6
TC1	39.6
TC2	3.6
K	1.4
U	1.6
T	0.6

Equigranular med. grained
granite

0445969 E 2179m
6668335 N

97686 - Soil / good
frost soil

on ridge crest
granite boulders

0446021 E 2171m
6668273 N

97687 - Soil / good
talus

granite boulders

0446172 E 2156m
6668332 N

97688 soil / good
talus

granite boulders
trends of rusty structure
dip on shoulder

0446232 E 2140m
6668336 N

RSK-09

Grey weathered medium fig.
granodiorite

10 Sec

TC1 - 37.9

TC2 2.1

K 0.5

U 0.9

T 1.1

446239E

2141m

6668354N

97689 soil / good
fruit house

Brown
good clay
2-7cm

open boulders.

Hand specimen

- splits / or vane
1cm

Tr. dis. in sludge

2170m

0445926E

6668198N

RSK-10

Granodiorite Boulders and
nearby cliffs above U
irregular creek

TC1 41.0

TC2 2.8

K 1.8

U 1.1

T 0.9

July 4 62

Takhini River / Lake Camp

W / Pb Anomalies

RSK-11 Outcrop

044 7727 E

867 m

666 4338 N

HORBLÉNDE - Granodiorite

medium grained

equigranular

grey weathering

ledgy layering (Joints)

glacial striae - 095°

012°/12°E

mag Sus. 4.7

TC1 - 50.7

TC2 3.1

K 1.0

U 0.4

T 0.7

mafic xenoliths 2-10 cm

irregular coarse grained

seams 2-5 cm

97690 - Silt / good
granodiorite outcrop
~~low~~ pool below
falls

@ 447700 E

865 m

666 4317 N

continuous outcrop upstream
cliffs and gorges

RSK-12

044 7095 E

1193 m

666 4105 N

10 sec Count

TC1 44.4

TC2 2.8

K 0.6

U 0.7

T 0.6

cliff face. HBLO granodiorite
grey med grained equigranular

RSK-13

050°/75° NW 8cm
rhyolite Dike

light grey fine grained
trace sulphate
dis

Cold margins

0447163E 1163m
6664002N

mag sus 9.2

RSK-14 -

mag sus 1 5.7 6.1
5.7 6.8
4.0

10 sec

TC1 57.7
TC2 2.7
K 0.8
u 0.7
T 0.4

RSK-14 cont'd

white f g. grains

- Qz - feld - hbls - bro
egun granular

0447150 E 1159m
6663811 N

RSK-15

mag sus 2.1 3.4
2.2
2.6

10 sec

TC1 58.0
TC2 2.4
K 0.6
u 0.5
T 0.4

0447155 E 1175m
6663358N

med grained granodiorite

RSK-16

0447202E
6662951N

1165m

med grained granodiorite
10 sec.

TC1	42.2
TC2	2.4
K	0.9
U	0.8
T	0.5

Mag Sus	3.6	4.5
	4.0	
	4.2	

#97691

- silt / gold

0447155E
6662998N

1151m

granodiorite very large boulders

July 5/02
Tukhuni Lake
97692 003
0448432 E 775m
6667248 N

Silt / good
granite boulders.

97693
0448123 E 844m
6667094 N

Silt / good
granodiorite outcrop
30m up stream
granite boulders

RSK - 17
claim post

0447559 E
6661182 N

1904m

float of Qtz-bio gneiss
meta sst.
meta seds.

RSK - 18

Thin bedded grey ^{weathers white} re-crystallized
limestone
caliche in boulders

mineralized float at base of
outcrop
bedding 148°/45° SW

0447501 E
6661309 N

1914m

contact w.

Banded (thin) Qtz-musc-biot
garnet skarn.

RSK 19 -

Footwall to marble bed
(re-crystallized ls)

Thin banded platy
Qz-biotite - garnet stam

porphroblast of garnet?

0447370 E 1906m
6681511 N

Qz-musc-biot-garn
MARBLE 30m

Qz-biotite-garn stam

1500

RSK-20

more claim posts

2x4 with add on

447386E 1910m
6681223N

RSK-21

Break in slope and
boulder field of hornblende
granodiorite

medium grained
equigranular

The slope from the top has
been melt-seds widely
hornfelsed.

pelitic seds

July 6/02

Skarn Country - ~~AAH~~ claim
PR in Rose

RSK 22 -

0446394 E

1849m

6681772 N

Approximate contact
between hornblende
granodiorite (SW) and
granodiorite in west to north Abitibi
hornfelsed sediments (NE)

on trend from above camp

outcrop immediately downslope

rusty weathering banded
biotite hornfels sediments
diss pyrite.

Thick bedded

Qz boudins

rare garnet?

Layering $157^{\circ}/62^{\circ}W$

* 97694 Rock grab.
2.0 meter

Rusty weathered weakly pyritifer
biotite hornfels zone.

0446418 E

1842m

6681823 N

HORNFELS

Mag Sus -	.25	.30
	.30	.25
	.29	.24
	.24	.30

GRAND

Mag Sus	.35	16.29 ?
	.23	.27
	.13	.44
	.05	.20

RSK-23

rusty with meta seds below contact
with hbl. gran.

r₁

160°/23° W.

0446046 E

1833m

6682247 N

Contact zone moves up the
hill is gran diorite CN
dipping NE

Mag Sus
09
20

rusty weathered feldspar TR dikes/sill
light grey siliceous f.g. granitic
in meta seds dis f.g. pyrite

RSK-24

Rusty weathered meta-seds very
near contact

0445742 E

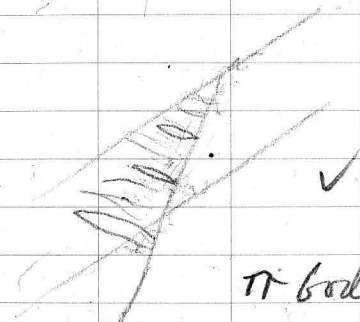
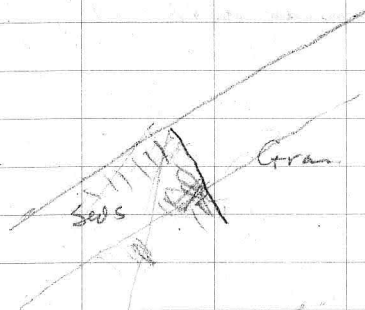
1832m

6682582 N

Banding

142°/42° SW

Qz lens



TR bodies are not
uncommon and appear
conformable to meta-seds therefore
sill like bodies.

97738 - Silt Sample / good.

0445900 E

1837m

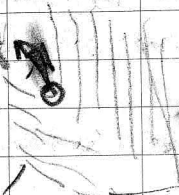
6682537 N

Upper end of creek just below
crigue

- Granodiorite boulder piles
meta-seds contact up slope.
- Rusty weathered meta-seds - cobbles

RSK-25

down
plunge



-155°/76° W

supradinal
fold in thin Banded
hornfels seds
along creek

74/64° N

0446150 E

1813m

6682524 N

Banding - 15m downstream.

180°/23° W

115°/72° N

97739 - Silt Sample / good

0446191 E

1813m

6682500 N

Rusty weathered meta-sed outcrop
in creek. 115°/72° N. strikes as
above.

granodiorite boulders - cobbles
meta-sed cobbles

RSK-26

114°/57° S

0446219 E

1810m

6682497 N

RSK-27

165°/47°S

continuous outcrop along stream.

30cm massive white bed.

046277 E

1799m

6682440 N

RSK-28

thinly laminated siltstone
dark grey and pale grey

40°/28° NW

lineations @ 110°

0446316 E

1796m

6682410 N

at contact with thick bed of highly deformed moderately bedded siltstone/sandstone

lineation 090° on fold axis (anticline)
plunge 34° W graphite on slip

interbedded siltstone and
plate units continuous
down stream
contorted folding with
lineations

97740 - silt/gold

rusty weathering meta-seds

0446340 E

1788

6682351 N

granodiorite boulders

RSK-29

Contact

light grey re-crystallized lot
and overlying meta-seds

0446360 E

6682330 N

1789m

085°/24N

→ 154°/29° SW

Anticlinal fold limb

300° plunging 17°

occasional brown or
rusty weathering argillaceous
beds < 1.0m

RSK-30

END of Lt
Calcareous shale/sandstone
grey green

0446369 E 1787m
6682314 N

grading to siltstone
thin platy

000°/26°W
to rusty weathered qz-bio-gran. stam.

97741 Silt / gold
banded siltstone

0446400 E 1780m
6682300 N

Lst boulders
SU / SST / quartzite

97742 - Rock grab.

1.0m bed green ^{actinolite}
rusty weathered skarnoid
at contact - Rusty veins
min staining semi-martite
 sphalerite
0446446 E 1758m
6682303 N

Actinolite skarn.

RSK-31

Contact between
overlying - platy meta siltstone
rusty weathered dark
and light grey laminae.

underlying - light grey - white
recrystallized limestone

1.5 meter skarnoid bed at
contact.

0446447 E 1757m
6682300 N mag sum 1.14

1.95

180°/16°W

massive bands of sphalerite
and occasional actinolite

RSK-32 -

END of Skarn boulder
train up slope

0446457E
6682334N

1779m

RSK-33

2 Sets of Clin posts
2x4" S

Bundled 4x4S

0446361E
6682252N

1774m

RSK-34

Skarn Actinolite - sphalerite
showing in south fork

0446432E
6682224N

1763m

at sitstone - lst contact but
disconformable.

170°/38°W

RSK-35

0446521E
6682276N

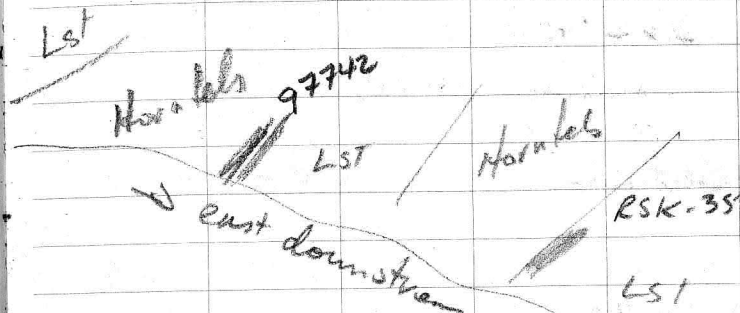
1757m

Banded
HORNBLES

Manganese
Skarn

Xstalline
LST

040°/40°NW lst bedding



97695 - Rock 25cm

manganese skarn zone

0446528E
6682272N

1754m

RSK-36

Contact between overlying
hornfels banded siltstone
and grey-white crystalline ls.

20cm skarn band
diopside?
mn wad.

0446635E 1782m
6682342N

well exposed in cliff face.

Bedding $015^{\circ}/30^{\circ}$ W

1.0 meter diopside-actinolite
skarn zone

1.5 meters below contact

97745 - Silt / moderate
FAAR.

0446903E 1789m
6681751N

Seep outflow

hornfels outcrop
thick bedded
granite boulders
meta-sed boulders

drainage upper contact area

July 7/02
Kusawa SMA
AWA Claims

97696 - silt/good

0447575 E 1651m
6680121 N

hbl grano boulders - cobbles &
gravel

97697 silt/good

0447801 E 1627m
6679778 N

hbl grano boulders to
gravel & silt

white Qz

RSK-37

0448025 E 1684m
6680074 N

Hbl. granodiorite Boulder
train large blocky-angular
boulders

Extensive Hbl grano boulder
trains on slope below all
along the south facing valley
slope

Some very large boulders

medium coarse grained
even granular

weakly foliated

Rep Sample ✓

RSK-38

0448062 E

1738m

6680366 N

well foliated rusty weathering

Qz-feld-biotite-muscovite
gneiss

low outcrops of granodiorite
immediately down slope

IP contact!

115°/50° N

foliation/
layering

115°/45° S

Shump or fold?

RSK-39

0448293E

1764m

6680625 N

Down North east slope from east.

Walked through a (sequence)

assemblage of pelitic

meta-seds - gneisses

Schist

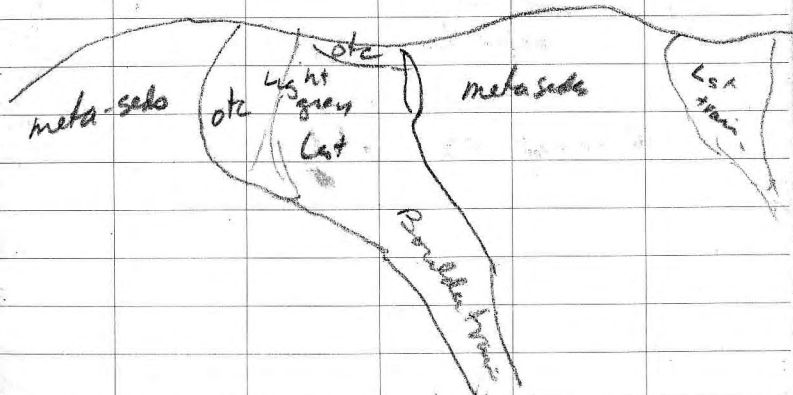
Qtzite

laminated or banded massive

grey weathering

limestone horizon pinches
out on ridges to NW

Looking NW



July 7 - KUSAWA LAK "E" TARGET

RSK-40

0437416 E 1984m

6683366 N

Andesite dyke rubble -
granodiorite

f.g green -

10 sec

TC1 21.8

TC2 2.5

K 1.1

u 1.2

T 0.9

Mag Sus - 0.22

.27

.39

.30

RSK-41

0437344 E 1994m

6683445 N

Dark green weathering
hbl'd - qz diorite
med-fine grained
equigranular

ridge of talus boulders
trending N-S

10 sec

TC1 16.0

TC2 1.7

K 1.4

u 0.7

T 0.3

mag Sus 0.69

0.92

0.58

0.66

RSK-42

0437205 E
6683477 N

1974m

10 sec

TC1	40.0
TC2	2.3
K	1.4
U	1.1
T	0.5

Buff weathering medium
grained equigranular
granite -

qtz - feldspar - Ksp - biotite

mag. sus.	0.06
	0.07
	0.06
	0.09

Rep Sample compared
with Rep from RSK-45
for whole Rock RSK-48

97698 - Soil / good

0436919 E
6683454 N

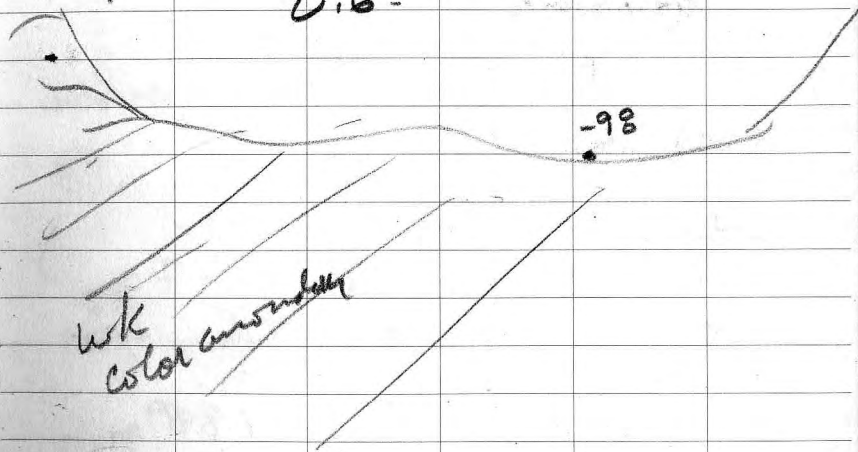
1856m

light orange and buff granite
boulders

Soil yellow brown 2-5cm

10 sec

TC1	36.9
TC2	2.3
K	0.8
U	1.1
T	0.6



97699-

Soil / good
Taluslike

Brown - 2-6 cm

granite gravel and
boulders.

0436863E

1854m.

6683470 N

97700-

Soil / good

Brown 3-7cm

granite gravel & boulder

56401-

Soil / good

yellow Brown 3-7cm

Recent NE Trending zone

0436737E

1889m.

6683735N

RSK-43

outcrop

massive resistant

brown weathering

- Ridge NE trend.

granodiorite - medium grained
- euglymphousfeldspar - Qz - biotite
K spa

0436728 E

1892m.

6683752 N

10 sec

TC1 47.3

TC2 2.5

K 0.5

u 0.6

T 0.4

Mag sus. 0.08

0.09

0.07

0.12

0.10

56402 - Soil good

0436680E 1894m
6683784N

Brown /
2-6 cm
Recessive zone
Grass boulders / gravel
1

RSK-44

Brown weathering resistant
ridge of med-coarse grained
granodiorite feld phenos

0436664E 1898m
6683809N

10 sec

TC1 52.4
TC2 2.1
K 1.2
U 0.4
T 0.5

56403 - Soil / good

0436558E 1870m
6683655N

Brown - orange brown

3-7cm

granodiorite flat gravel to
boulders

RSK-45 - Rep sample ^{Combined} with RSK-42
for whole Rock RSK-45
1885m

0436356E
6683916N

Brown weathering

outcrop ridge of light grey-
granite - med-coarse
grained

Qz - feldspar - biotite

10 sec

TC1 51.9 mag sus 0.10
TC2 2.5 0.10
K 0.7 " 0.07
U 1.0 0.13
T 0.4 0.15

56404-

Soil / good

0436217E

6683931N

1866m

light sandy brown

3-6 cm

granodiorite boulders Sparsely

56405

Soil / good
T.F.

brown

3-5 cm

0435693E

6684413N

1653m

Q2 Mononite on slope

between 404 - 405

mag Sus

0.12

0.08

0.12

0.11

0.07

RSK-46

HBLD District

Rep Sample

TC1 - 14.1

TC2 - 2.1

K - 1.0

U 0.5

T 0.6

mag Sus

0.70

0.81

0.75

0.92

0.83

JTS 045° / 75° NW

Trunk of outcrop

20 wide

80 m strike from

56406 - silt / seep

Faint to Bore

muddy brown

granodiorite boulders

0436011E

6685229N

1462m

July 8/02

ANOMALY "E"
KUSAWA LAKE SMTA

RSK-47

well foliated banded

Qz-biotite-muscovite schist/gneiss
rusty brown weather

163°/75° E - possibly steep
dip may be shallower

0440864 E 1573m
6686389 N

Down slope flat trace of white
weathering quartzite
west along slope quartzite etc
schist/gneiss overlying

rare boulder of recrystallized
limestone

RSK-48

Gray weathering massive
white recrystallized limestone
in outcrop

172°/66° E

50° L Horizontal

unrelations plunging 50° S

0440879 E 1582m
6686347 N

outcrop forms dip slope
underlies Qz-bio-musc. schist

RSK-49

Rusty brown weathering well foliated
Qz-bio-musc schist
layers of Qz bands along foliation
hanging wall to lot.

0440907 E 1590m
6686299 N

168°/55° E foliation

RSK-50

Lst outcrop

0441017E 1585m

6686163N

159°/57°E

lineations plunge 61°S

56407 - Rock grab
about

0441174E 1597m

6685779N

rusty weathering green
Qz - diopside (?) skarnoid

diss py 2-5% (po?)

abundant boulders on slope with
limestone boulders
(gypsum/moss)

56408

Silt / good

0441239E

1573m

6685420N

lt grey lot boulders
well foliated rusty weathered sch/grn.
rare rusty skarnoid - diss py.

RSK-51

0441175E

1590m.

6685417N

contact zone ^{exposed} in outcrop
at creek outlet from upper
valley

162°/73°W BANDING/Bedding

light grey crystalline limestone
well thin to med bedded.

AND

Brown weathering dark grey
well foliated
laminated

Qz - bio - musc. gneiss/sch.

56409 Rock grab of skarn bands
Contact zone is approx 7 meters
wide with thin bedded ls
platy argillaceous ls
and argillaceous ss
(Qz-bio-musc sch^s)

Skarnification of argillaceous
limestone bands
2-20cm
dis py and fine grains
dark sulfide sphal?

RSK-52

Talus scree on slope
predominantly Qtzite with
lesser Qz-bio-musc gneiss

0441283E 1608m
6685090N

RSK-53

0441262E
6684790N

1630m

Gray re-crystallizing limestone outcrop
on dip slope

170°/45°E

RSK-54

limestone outcrop in Creek
starts 40 meters down
massive - thick to thin bedded
0441248E 1619m
6684518N

meter layers of
Qz-biotite-musc-garnet
sch/gneiss

022°/65°E

#56410 - silt / fine
dry stream bed
0441068E 1653m
6684438N

- Flock of 13 goats on ridge side in Cirque

56411 - Rock grab
0.5m

weak skarn zone in
lst.

light green - local rusty
weathering
disseminated pyrite
- f.g. black chrs.

white staining on surface
carbonate? or hydroxyapatite

0441485 E 1664m
6684304 N

RSK-55

limestone ridge sitting slope
032°/50° E

0441491 E 1668m
6684303 N

RSK-56

dark green f.g. (andesite)
sill broadly conformable
with quartzite-siltstone bedding

0441519 E 1670m
6684270 N

RSK-57

interbedded thin platy
meta-siltstone and thick
bedded quartzite
rusty weathering
Ridge running along slope.

0441537 E 1674m
6684256 N
012°/38° E

layers of Qtz-bio-musc-garnet
sch.

RSK-58

massive white quartzite bed

0441597 E 1673m
6684238 N

RSK-59

light grey weathering
white coarse crystalline
limestone

0441617E

6684235N

1676m.

137°/47°E

RSK-60

large diopside skarn
boulder in a modest
train

0441653E

1669m

6684231N

56412

Rock Grab 0.3m

w/ skarn band diopside with
Mn wad. Ir diag py

0441664E

1687m

6684236N

RSK-61

upper contact of lsk.

dark grey f.g. dyke
diopside skarn in boulder
train since start of outcrop

0441687E

6684186N

1687m

56413 - silt / good

0441779E

1692m

6683982N

coarse white Qtz boulders
limestone
rusty Qtzite
biotite - Sch.

RSK-62

foliated biot-hbl granodiorite
large Boulder field/train

0441831E

1685m

6683949N

56414. Silt SAMPLE
GOOD

meta sedls
limestone
white Quartz
Zinc Moss

0441667E 1533m.
6684647N

56415 Silt / good

white Quartz
limestone
meta-sedls
Sch & green

0441455E 1555m.
6684721N

56416 Silt / fair
rusty oxidized boulders
granodiorite

0441828E 1500m.
6685878N

July 9/02

CAMP 'E'

4- Boar Morning Show
Boar
Sow Blonde Gringlies
2-cubs

RSK-62

Thin bedded / banded
limestone re-crystallized
trace disc py
minor diopside

1030 / 65° NE
0440635E 1562m
6686532N

56417 - Rock 0.5m
w/ skam zone
trace pyrite

0440633E 1562m
6686530N

Mag. Sum.
.02 .30
.04
.35

RSK-64

Sub-Crop

White Qtzite and interbedded
meta-seds

0440593 E

1572m

6686526 N

RSK-65 outcrop

0440559 E

1589m

6686495 N

rusty weathering - well foliated
Qz-biotite-musc sch.

Foliation $150^{\circ}/65^{\circ}$ NE

Foliation & layering
composite layering apparent on face
Trace - diss py.

RSK-66

Thick beds of massive white Qtzite

0440528 E

1593m

6686494 N

RSK-67

0440449 E

1595m

6686505 N

Thick bed massive white Qtzite

RSK-68

0440400 E

1615m

6686458 N

well foliated Qz-biot-musc sch.
with ^{med} thick bedded
white Qtzite

Foliation $150^{\circ}/53^{\circ}$ NE

Bedding $10^{\circ}/23^{\circ}$ E

RSK-69

Argillaceous limestone boulder
train - w/ spar and
hbl'd - disperse w/ diss py

0440282 E

1646m

6686381 N

Kusawa lake EAST SIDE

RSK-70

Contact

White weathering moderately bedded recrystallized limestone overlying

rusty weathered grey well bedded, thin bedded grey siltstone

0434210E
6690226N

1506m.

bedding $160^{\circ}/38^{\circ}E$

irregular white weathering dykes cross cutting siltstone in cliff face 50-100m lower.

RSK-71. subcrop of Rubble light buff weathering

Qz monzogranite

Qz - feld - hbld

0434082E

1629m.

6690439N

Mag sso 0.27

0.29

0.26

0.25

0.29

56418. Rock / feld / gran.

Qz veining

meta-sst

Qz - biotite w/ quartz
tecton

boulder talus
f.g. below dykes associated with Qz

uns up to 20cm

0434051E

1636m.

6690596N

GOATS!!

RSK-72

30 cm Q2 vn in o/c.
moderately well foliated
grey weathering
Q2 - biotite gneiss
sst

0434015E
6690632N

1631m

Foliation 070°/33 SE

56419 - Q2 vn

white massive
patchy brown weather

vn @ 100°/21° S.

0434015E
6690629N

1633m

RSK-73

0433928E
6690864N

1640m

thin-med bedded.
meta-sst.

175°/30E layering

in contact with

Q f p dyke.

line ground grey green
groundmass

trending 045° / vert.

8-10m wide

RSK-74

Dyke cont'd

17W

Mag sums

.33

.31

.26

.21

0433981E

6691023 N

1636m

56420 - Rock grab / 1 m Q2Vh

0434387E

1576

6691605N

Q2 man on Dyke contact.

SST/SILTSTONE

BENDING

030°/32°E

RSK-75

0434370E

1575m

6691594N

Q2 - feld porphyry dike
dark f.g. matrix

trending 195° / 85°E

irregular contacts

mag sum

.31

.31

.20

.38

.33

Dyke is cross cutting

interbedded siltstone / sst

calcareous and on ls + beds

marble adjacent dyke.

56421 - soil / fan
T.F

below 5m wide

SKam zone

FW of Dyke

0434385E

1573m

6691630N

Sept 10 / 2002

Pickhandle Lake Smt

Koudeem River #2 crossing

176532 - silt / poor
fine black clay
and organics

Upstream 75m from bridge

07 V 0530678E 686m.
6870558N

176533 - PAN CONC

Glacial outwash gravel.
Sandy, boulders

0530555E 685m.
6870548N white Qz

grey quartz f.g. dirt pg HBLO diorite
light grey quartz Coarse grained
light grey limestone granite
green mafic f.g. Volc blank Ag gullies
Oxygdenite basalt
agate

maroon volcanic porphyry

dark green c.g. porphyry

176534

Soil Sample Same side

0530559 E

689m

6870551 N

147°/vert. dyke

Mag Sus

Dyke

Diorite

0.13

0.73

0.14

0.53

0.12

0.52

0.15

0.52

0.13

RSP-01

Quarry

East end along highway
above Wolverine lake

0535137E

719m

6866963N

Shear zone

015°/55° W

HBLD-Bustub diorite

Mag Sus

0.55

0.52

0.55

0.54

0.54

Qz-feld spar

and Qz carb. vults

and dykelets in

stockwork

RSP-02

Quarry

f.g. light grey rhyolite dyke porphyritic
cross cutting diorite
w/ diorite xenoliths

0535108E

716.

6866993N

fine calcareous string

Reps

x-cutting dyke-diorite &

Qz vults

RSP-03 Road Cut Quarry

West end

0537482E 696m.

6865183N

hbld-bio-Q2 grains
± musc.

grainosity / structure 115°/68°N

x cutting Q2-carb string

RSP-04 - Quarry cont'd.

0537614E 698m

6865132N

Felsic dyke Q2-ldd-hbld-bio

medium grain

feld phenos

CN-130°/77°NE

cross cutting

dark grey-blank meta sed

mag sus

dyke

.19

.11

.16

.13

Seds

0.56

0.54

0.64

0.60

0.62

dyke pinkish Swells

upto 1m.

deformed.

Q2 & Q2-carb string

176535 - Rock

grab

2 cm Q2 - aspy - py ± sphalite
with 4-5 cm rusty selvages

pyrite in wall rock
aspy-needle ~~stubs~~

0537647E

702m.

6865113N

mag sus

vn

0.39

0.15

0.13

0.36

wall Rock

meta Seds

5.52

9.86

6.71

10.3

vn 067°/68°E

wall Rock hbld grainie
meta-seds

skarnoid in small lenses

RSP-05 EAST END OF
Quarry

0537946E 700m
6864879N

finely laminated to coarse
banded dark grey quartzite

Nasua meta-sols.

Foliation $130^{\circ}/82^{\circ}N$
white carbonate stringers x entry

Mag. sens

0.62

0.60

4.39

0.64

8.06

0.71

0.78

176537 -

Hbl-diorite

Whole Rock Sample

0535053E 711m.
6867009N

medium grain eugyranite

176538

Felsic porphyritic dyke

Whole Rock

0535113E 714m.
6866986N

Sept 11/02
176536 - silt / Fair

Kordem River
- ash.

0544511 E
6058377 N

701m

Qz

granodiorite

grey quartzite

greenstone

tan quartzite

maison chert

gneiss

phyllite

RSP-06

0538391E

698m

6864513N

Qz-HBLD - biotite meta-sed
(pelitic)

± gneiss
- sheared

mag sus

155°/76° NE

1.05

2.31

0.99

0.23

0.11

0.73

1.27

massive /
well foliated
bands

chlorite on shears

overlain by rusty weathering

Qz-biotite ± musc meta-seds

mod well foliated

thin mod well banded

trace diss py.

foliation 115°/69° N

mag sus - 2.20 0.51 2.18 3.30

0.22 1.86 1.80 13.7

176539-

Rock

grab

1.0m

rusty weathered Qz-bio
meta-seds.

mag sus up to 13.0

± chlorite

0538412E

712m

6864517N

TK - diss py.

well foliated 118°/77° N

RSP-07 Nasirnia Assemblage
fold
core by grey Qtz⁺

rusty weathered well foliated
Qtz-bio green limbs

AP - 135°/65° NE
plunging 38° SE

0538543 E 719m
6864392 N

subsidiary folding / deformation
in quartzite horizon

photo ✓

Rusty weathered meta-seds
along rock bank

RSP-08

White & light grey
crystalline limestone - marble
Thinly banded.

0538787 E 721m
6864165 N

white w/ thin black
carbonaceous bands

RSP-09

Dark green Qtz-bio-ch sch

sheared chlorite-serpentine
on shear surface

0538855 E 727m
6864108 N

RSP-10

0538850E

732m

6864068N

South of highway

dark green strongly
sheared mafic (greenstone)

chlorite-serpentine on
slip-sense surfaces

RSP-11

carbonate altered granite within
shear zone? of dark
green ultra mafic sheared

Roger Sample

picture

white weathering fine-med grained
felsic granitic rock carbonate
altered

mag Sus

0.17

0.21

0.30

0.21

0.23

0.18

0538914E

723m

6864018N

intense shear zone (contact?)
at 120°

RSP 02
02 dyke
11

Fa 02004

176535
538

176464

140305
306
310

Scottie Creek

RS02 S01
S03
~~S4~~
S12
S16
S19
S20
S37

Fa - 6
14
24.

RSK 201

JVR 02 007
008
012

RH 2-011
12
15
16
17
-18

(97172)

97167

Wellesley Lake

RS102 W01
- W03
- W05

- 201
- 206

176523
525
526
527

Mobile - Call Signs

2m0523 - 6023

2m5083

2m0526 - 6023

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Carl Ziehe



6839

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MSAT Equipped Voice & Data Port

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**Charter and
Contract Service**

MEASUREMENT CONVERSIONS

IF YOU KNOW	MULTIPLY BY	TO FIND
LENGTH		
inches	2.540	centimeters
feet	30.480	centimeters
yards	0.914	meters
miles	1.609	kilometers
millimeters	0.039	inches
centimeters	0.393	inches
meters	3.280	feet
meters	1.093	yards
kilometers	0.621	miles
WEIGHT		
ounces	28.350	grams
pounds	0.453	kilograms
grams	0.035	ounces
kilograms	2.204	pounds
VOLUME		
fluid ounces	29.573	milliliters
pints	0.473	liters
quarts	0.946	liters
gallons (U.S.)	3.785	liters
milliliters	0.033	fluid ounces
cubic inches	0.01639	liters
cubic inches	0.0043	gallons
TEMPERATURE		
$^{\circ}\text{C} = (^{\circ}\text{F} - 32) \times .555$		$^{\circ}\text{F} = 1.80(^{\circ}\text{K} - 273.15) + 32$
$^{\circ}\text{F} = (^{\circ}\text{C} \times 1.8) + 32$		$^{\circ}\text{K} = ^{\circ}\text{C} + 273.15$
$^{\circ}\text{C} = ^{\circ}\text{K} - 273.15$		$^{\circ}\text{K} = 0.555 (^{\circ}\text{F} + 273.15) - 32$

Inches	Decimals of foot	Millimeters
1/16	.0052	1.5875
1/8	.0104	3.1750
3/16	.0156	4.7625
1/4	.0208	6.3500
5/16	.0260	7.9350
3/8	.0313	9.5250
1/2	.0417	12.700
5/8	.0521	15.875
3/4	.0625	19.050
7/8	.0729	22.225
1"	.0833	25.400
2"	.1667	50.800
3"	.2500	76.200
4"	.3333	101.60
5"	.4167	127.00
6"	.5000	152.40
7"	.5833	177.80
8"	.6667	203.20
9"	.7500	228.60
10"	.8333	254.00
11"	.9167	279.40
1 foot	1.0000	304.80

NA027 Zone 8

MINFILE NAME	MINFIL	MAPSHEET	EAST	NORTH	OCCURRENCE
ROSE	105D/018	105D/05	452570	6689560	Au vein
DEB	105D/140	105D/05	450500	6684770	Cu/Zn skarn
			450150	6685180	
AWA	115A/025	115A/08	420000	6699000	Cu skarn
RAM	105D/128	105D/04	459790	6673470	Cu/Zn skarn
DEVILHOLE	115A/024	115A/08	424130	6683830	Cu porphyry
WAR	115A/046	115A/09	441600	6722680	intrusive
ARKEL	115A/026	115A/09	436380	6722680	intrusive
PRIMROSE	105D/017	105D/05	447150	6681270	Zn skarn