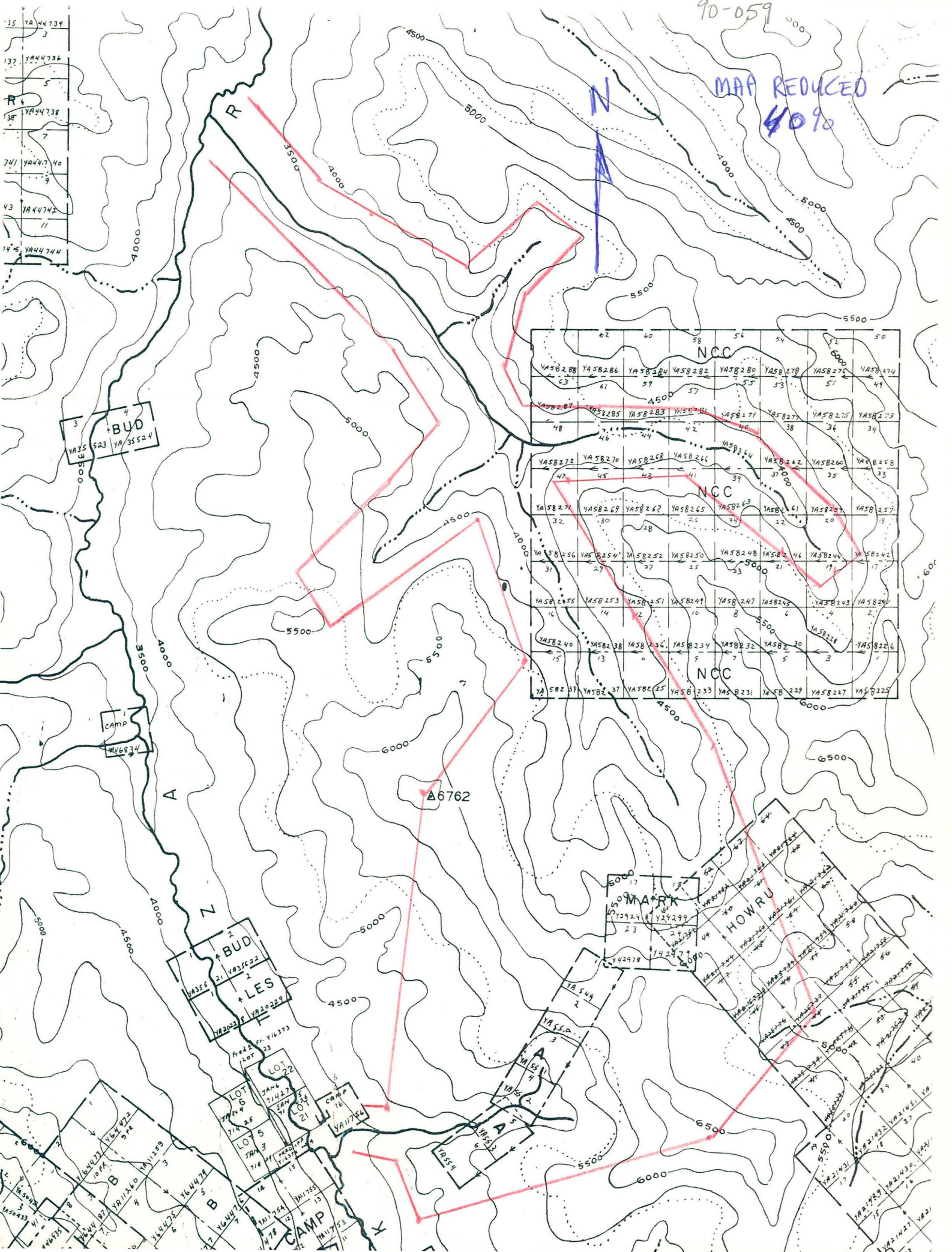


90-059 500

MAP REDUCED
40%



35	YA 44734
137	YA 44736
37	YA 44738
741	YA 44740
43	YA 44742
145	YA 44744

62	60	58	56	54	52	50
YASB288	YASB286	YASB284	YASB282	YASB280	YASB278	YASB276
63	61	59	57	55	53	51
YASB287	YASB285	YASB283	YASB281	YASB279	YASB277	YASB275
48	46	44	42	40	38	36
YASB272	YASB270	YASB268	YASB266	YASB264	YASB262	YASB260
47	45	43	41	39	37	35
YASB271	YASB269	YASB267	YASB265	YASB263	YASB261	YASB259
32	30	28	26	24	22	20
YASB256	YASB254	YASB252	YASB250	YASB248	YASB246	YASB244
31	29	27	25	23	21	19
YASB255	YASB253	YASB251	YASB249	YASB247	YASB245	YASB243
16	14	12	10	8	6	4
YASB240	YASB238	YASB236	YASB234	YASB232	YASB230	YASB228
15	13	11	9	7	5	3
YASB239	YASB237	YASB235	YASB233	YASB231	YASB229	YASB227
17	15	13	11	9	7	5
YASB225	YASB223	YASB221	YASB219	YASB217	YASB215	YASB213

2	BUD
1	LES
YASB222	YASB221
YASB220	YASB219
YASB218	YASB217
YASB216	YASB215
YASB214	YASB213
YASB212	YASB211
YASB210	YASB209
YASB208	YASB207
YASB206	YASB205
YASB204	YASB203
YASB202	YASB201
YASB200	YASB199
YASB198	YASB197
YASB196	YASB195
YASB194	YASB193
YASB192	YASB191
YASB190	YASB189
YASB188	YASB187
YASB186	YASB185
YASB184	YASB183
YASB182	YASB181
YASB180	YASB179
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YASB174	YASB173
YASB172	YASB171
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YASB14	YASB13
YASB12	YASB11
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YASB6	YASB5
YASB4	YASB3
YASB2	YASB1

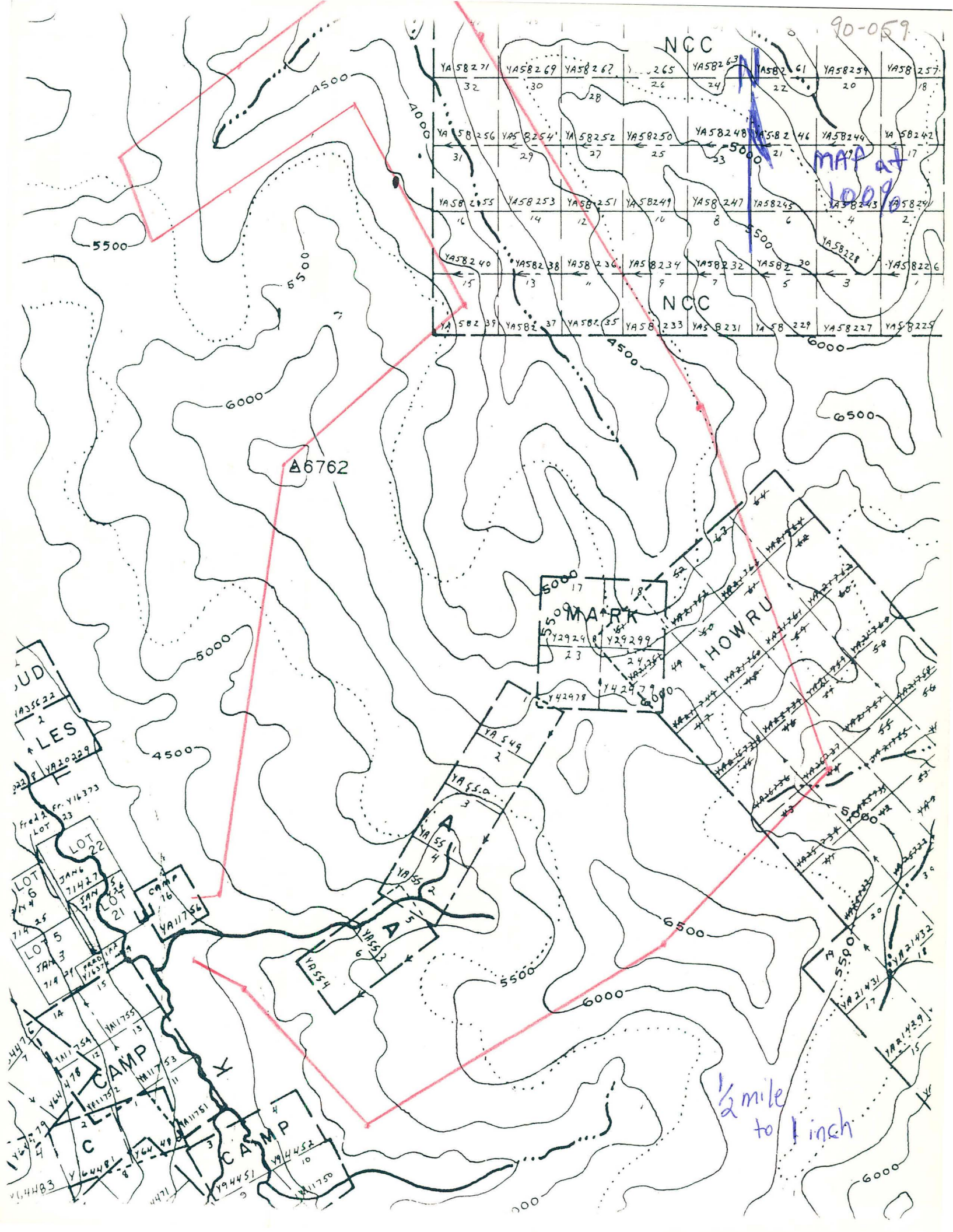
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YASB211	YASB209	YASB207	YASB205	YASB203	YASB201	YASB199
YASB195	YASB193	YASB191	YASB189	YASB187	YASB185	YASB183
YASB179	YASB177	YASB175	YASB173	YASB171	YASB169	YASB167
YASB161	YASB159	YASB157	YASB155	YASB153	YASB151	YASB149
YASB143	YASB141	YASB139	YASB137	YASB135	YASB133	YASB131
YASB125	YASB123	YASB121	YASB119	YASB117	YASB115	YASB113
YASB107	YASB105	YASB103	YASB101	YASB99	YASB97	YASB95
YASB87	YASB85	YASB83	YASB81	YASB79	YASB77	YASB75
YASB67	YASB65	YASB63	YASB61	YASB59	YASB57	YASB55
YASB37	YASB35	YASB33	YASB31	YASB29	YASB27	YASB25
YASB5	YASB3	YASB1	YASB0	YASB-1	YASB-3	YASB-5

90-059

NCC

MAP AT
100%

NCC



Aug 23/90

- 6 Km $\approx$ 3.6 miles following
OLD ROAD to mineral
showing.

Posts

1 2 3 4

1. Post #2 CLM # 71273

2. Post #1 75632

3. Post #1 CLM # 75628

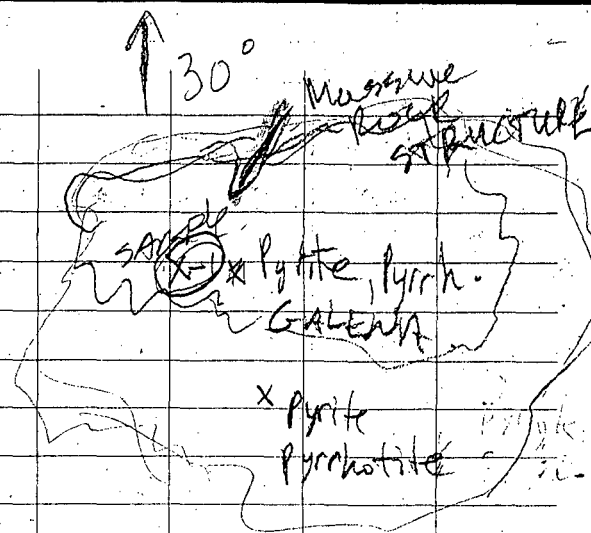
4. Post #1 CLM # 75629

- At base of Posts large
rocks / boulder

Posts above trench on top
of large quartz w/ limonite
boulder.

FIELD

90-059



TRENCH $\approx$ 10m wide $\times$
 $\approx$ 7m deep

• within trench rusty boulders
 and rocks

• Copper staining in one
 large boulder just
 below where posts are
 (MALACHITE)

• encountered gossan and
 leached out rocks
 where mineralization
 once existed.

- 106m 30° from
 posts came to
 ORE BODY / Anomaly.

• rusty to purplish rocks

Mineralization:

- Massive pyrite and pyrrhotite within quartz, limonite and purplish rock (lanced out rock)

Massive rock structure: pyrite, pyrrhotite and galena

SAMPLE X-1: Purplish rusty rock w/ some galena, pyrite and pyrrhotite

peg w/ flagging placed

- ~ 5m 30° breaching of rusty/purplish rock discovers further galena w/ pyrite pyrrhotite placed flagging around rock.

Heading 30° encounter further signs of similar rock color & formation.

Came upon rocky quartz - limestone (greyish, light black and some rusty color w/ quartz) cliff. Below toward s - back of cliff came across

*** Copper staining throughout large rusty rock structure (Malachite)

At base of cliff signs of rusty ore like material that was encountered above @ showing.

- SAMPLE G-1: Cu staining down cliff

- walking along base of cliff of massive rock purple in rock. Broke it and found leached out pyrite within quartz - rusty.

' MASSIVE rock structure rusty - black. When acid added it fizzes

⑤ Limestone massive. HAS 30° slope upwards towards showing direction.

- walking around base of cliff encountering limestone w/ quartz (rusty quartz)

• float from showing that has pyrite mineralization within quartz and feldspar

- From cliff where peg of flagging marks beginning edge of cliff, to sample X - ≈ 43 m.

TO ROAD ≈ 6 m.

From 105 to ORE showing 105 m

Cliff to showing ≈ 43 m.

105
43
148

approx 148 m of indication of length of ORE BODY

width ≈ 16 m. from exposed ORE BODY seen

FIELD

- Sample X-2 - high grade ORE
TAKEN $\approx 13m$ away
from X-1 just below
in trench.

In trench large Rusty-
OXIDIZED BOULDER exposed.

Dimensions of exposed area
BOULDER 2m wide x
4m high.

THIS ORE exposed
BOULDER is an
extension of where
sample X-1 taken.

From X-1 to X-2
sample, the depth
is approx. 40 feet and
further footage below
unknown. Would
need further
trench work and
diamond drilling
to find true depth.

W/ ORE BODY -

- Approx 19m down trench
@ 480 large rusty-oxidized
Boulder:

- more high grade ORE -
- GALENA MASSIVE
- Pyrite

- Sample H-1

From sample H-1 to Road
 $\approx 33m$

- 16m across road rocks
w/ Copper staining
Cu w/ quartz and
oxidized rocks.

~120m even w/ PREVIOUS
posts mentioned.

- observed dark shale
- sedimentary formation

- DIRECTION OF ORE
BODY is 24°

- slope $\approx 40^\circ$

Aug 24/90

- Approx 100m behind ^{Oxo}camp,
direction of CMX MINE
TRENCHES by bulldozer
show an anomaly;
Rusty/oxidized rocks
and boulders. Half trench covered
up by bulldozer
NORTH of TRENCHES and North
of Cache Creek (other side
of creek where CMX Road)
Gossan can be seen. Possibly
the anomaly at trenches is
A continuation of the
oxidation from CMX's
MTN onto OXO 24 and
possibly thro' to OXO
12.

- The only indication of a
continuation of the
oxidized formation can
be seen in OXO TRENCH.

further observation up the FIELD
hill to the OXO ROAD

above (near Ambrose Arms)
doesn't show any
indication of continuation.

This is most probably
because of heavy
overburden that exists.

It would be necessary
to do major trenching
in the hillside where
trench OXO is, it
would be necessary to
go 20-40 feet before
possibly coming upon
the oxidation that
exists in the trenches
below on OXO 24.

posts
24m
ROAD

3
4

56

1. Post #1 CLM # 89166 } upright
2. Post #1 CLM # 89165 } upright
3. Post #2 CLM # 89164 } fallen
4. Post #2 CLM # 89163 } down

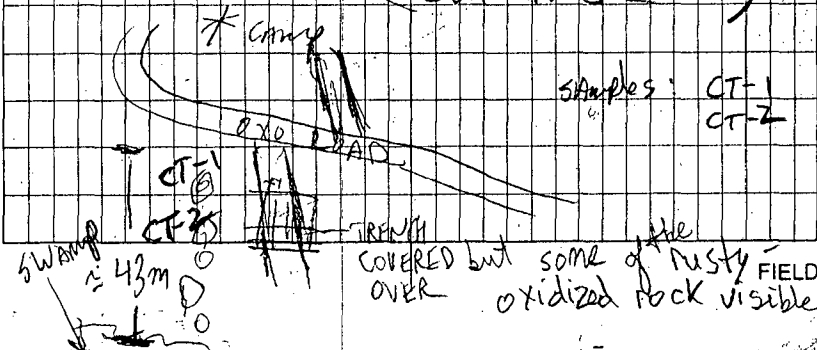
* survey peg CLS 1985
33

Placed flagging around posts

Further investigating by
TRENCHES Behind OXO
Camp, came upon half buried
purplish-rusty rocks, when I
began to break them apart
there was massive

① PYRROTITE

② Pyrite (not so much
but there)



Aug 25/90 AMBROSE

- Post #2 C.M. # YA26124
(tree cut off)

Post #2 C.M. # YA26124
(4x4 staking post)
Leaning against pine tree

- placed flagging around both posts

- Post #3 is 87m South
of the OXO ROAD
Flagging on bushes &
willows on side of
ROAD.

From flagging on OXO ROAD,
posts are approx 154°
ORANGE flagging on rock
marks direction.

- following bearing of 154° come
upon quartz w/ calcite and
oxidation.

- Flat of rusty rock
Mineralization leached
out.

Rock part of slide
coming from top.

Flagging placed on small
spruce tree $\approx 52.6m$ from
where sample A-1 taken $\rightarrow 344^\circ$

Followed trace/flat of
oxidized rock to overburden
in lean from where
initially discovered
flat.

Oxidation within quartz & calcite

- continuing on trail
across rusty oxidized
rock, near a large partially
oxid. boulder (shale), protruding
out of slide.

FIELD

Breaking one rock:

GALENA

Pyrite & Pyrrhotite

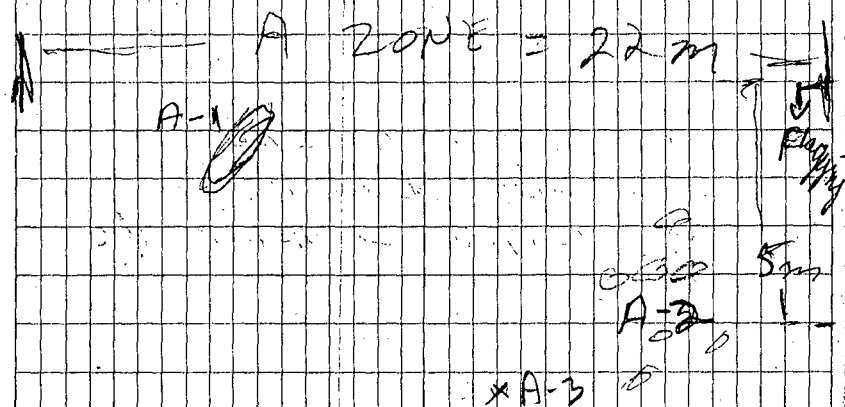
Within quartz & K-feldspar

most rocks around
substantially leached out
only signs of leucorite
and pyrite & pyrrhotite
can be seen

- 13m (approx) down slope
from where initial discovery
one can see rusty
oxidized rock.

- dug pit by shale boulder,
previously mentioned $\approx 10'$
deep but only mud and
rocks were being encountered

width of zone of anomaly
is approx 22m wide
& seen oxidized
formation



Sample A-1: Rusty rock
- ex/ quartz, galena,
pyrite, pyrrhotite

SAMPLE A-2: Purplish Rock,
quite heavier for normal
rock. Mineralization:
- massive pyrite w/ pyrrhotite
- traces of galena

FIELD

Sample A-3: Rock w/
limonite, feldspar,
intermittent quartz and
traces of GALENA.

* Some of samples
(A-2 & A-3) seems to
be possible existence
of CHALCOPYRITE (Cu).

- 46m approx up slide
trench by bulldozer

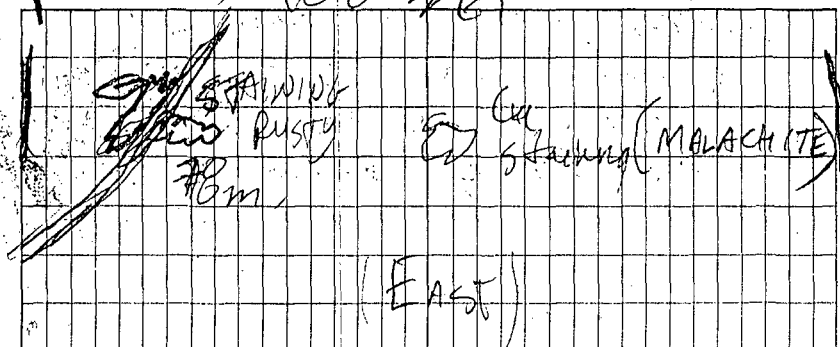
indication within 46m
of mineralization of
pyrite w/ pyrrhotite, but
not as massive as
where samples A-2, A-3
taken.

TRENCH cut only 20ft
tho' burden.
Length $\approx$ 100m

N 42

TRENCH (West)

100m



In vicinity of trench, where
a dry creek exists,
oxidized formation
w/ traces of banded
and mineralization.

Can see traces of
leached pyrite.

Above trenching only
overburden, but can
see shale, quartz rock
formation
some vertical sedimentary
rock structures in and
TRENCH (South) and where
Cu staining seen.

FIELD

- Close observation of green in staining shows staining has a glassy native look to it, possibly green could be olivine or serpentinite.

Oxidized rocks here also but minerals leached out.

- Beyond trench, in southerly direction, encountering further slide area

Rusty color within quartz-calcite rocks. Further shale

- encountered large sedimentary-vertical rock formation
Calcite, quartz, dark-greyish rock?

- formation light-rusty in color.

- Posts: TWO

○ TREE TRUNK

□ - 4x4 staining post

Both same cm #

" Post #1 cm # Y126124 "

- TREE TRUNK TAG official
- 4x4 homemade TAG

Above rock formation
bearing 87° (EAST)
from posts

posts & tags facing bearing
approx 230°

Placed flagging around posts.

→ Bearing of 34° from
posts will arrive
one @ where samples
A1 - A3 taken at
A-ZONE, Ambrose
ANOMALY.

• 260 m to samples A2-A3
taken

• 277 m to sample A-1

Bearing 34°

- From Post #2 OM# YA26124
from sample A-1 is
approx 185 m. Bearing
 344°

- From Post #2 YA26124 To
Post #1 YA26124
BEARING $\approx 196.5^\circ$
 ≈ 462 m

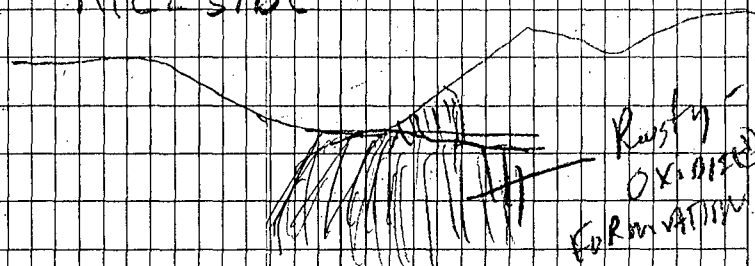
277
185
462

one can see flagging GRANT
ONE Post #1

NOTE:

① From Ambrose 100m
TRENCH and Post
#2, you have a
clear view of the
complete operation of
CMX MINES.

② AA Bearing 219° from
Post #2 one can see
STAR claim RUSTY-OXIDIZED
HILL SIDE

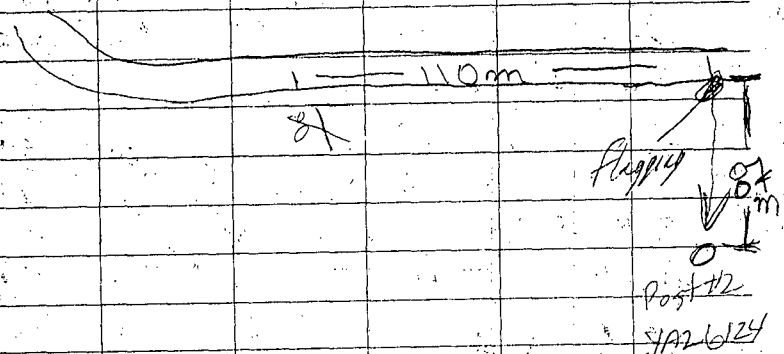


VIEW from Post #2

AMBROSE
CLAIM

③ 110 m approx ^{downward ROAD} where
 Post #1 cm # 89166
 Post #1 cm # 89165
 P. #2 cm # 89164
 P. #2 cm # 89163

ARE from where flagging
 on OXO ROAD indicating
 direction of AMBROSE CREEK
 Post #2 cm # YA 26124



Aug 26/90

STAR CREEK
 OXO CREEK

Cochise
 Creek

- walking up
 STAR CREEK encountering
 heavy/dense willow, pine-
 shrubs, especially muskeg

This is all the way to
 Timberline

- Above timberline rock
 formation mostly of
 shale - slate type rocks

intermittent quartz - calcite
 and with some limonite in
 it.

30m - slope 30° N

SAMPLE ST-1: Purplish - rusty
 rock from massive rock

formation of Purplish-rusty
 color. MARKED w/ flagging

FIELD

Pyrochlore is possible pyrite mineralization
seen in rock

- 89m slope is 30° , then
slope is 40°

377 @ ≈ 430 m (starting base / iron)
come to STAR POSTS
2 post 4x4 made
by nailing 2 2x4s together
both pulled together & ^{down} fallen

These 2 posts on top
of ORE like material
unlike other older, broken
mineral posts
example: post #2 #71590

post #1 #71591

post #2 #71589

brought to = post #1 #71592

pile because was down the road
is 7 m (probably taken down
by snow-glacier)

430 m hip chain bearing is 213°

- The full 430m from
base of mta where misty
begins and signs of
the purplish-rusty ORE
like MATERIAL begins.

There is signs of this
material for the full
length to the posts
and beyond

Climbing massive limestone
formation of hill always
the way to posts

From the NODE where
posts located looking
in North to West direction
all around one can
see ORE like MATERIAL

From 210° to 360° from
position of posts, all that
can be seen is Purplish +
Rusty, gossan like material

FIELD

width $\approx 140m$ bearing $\approx 282^\circ$
(westerly)

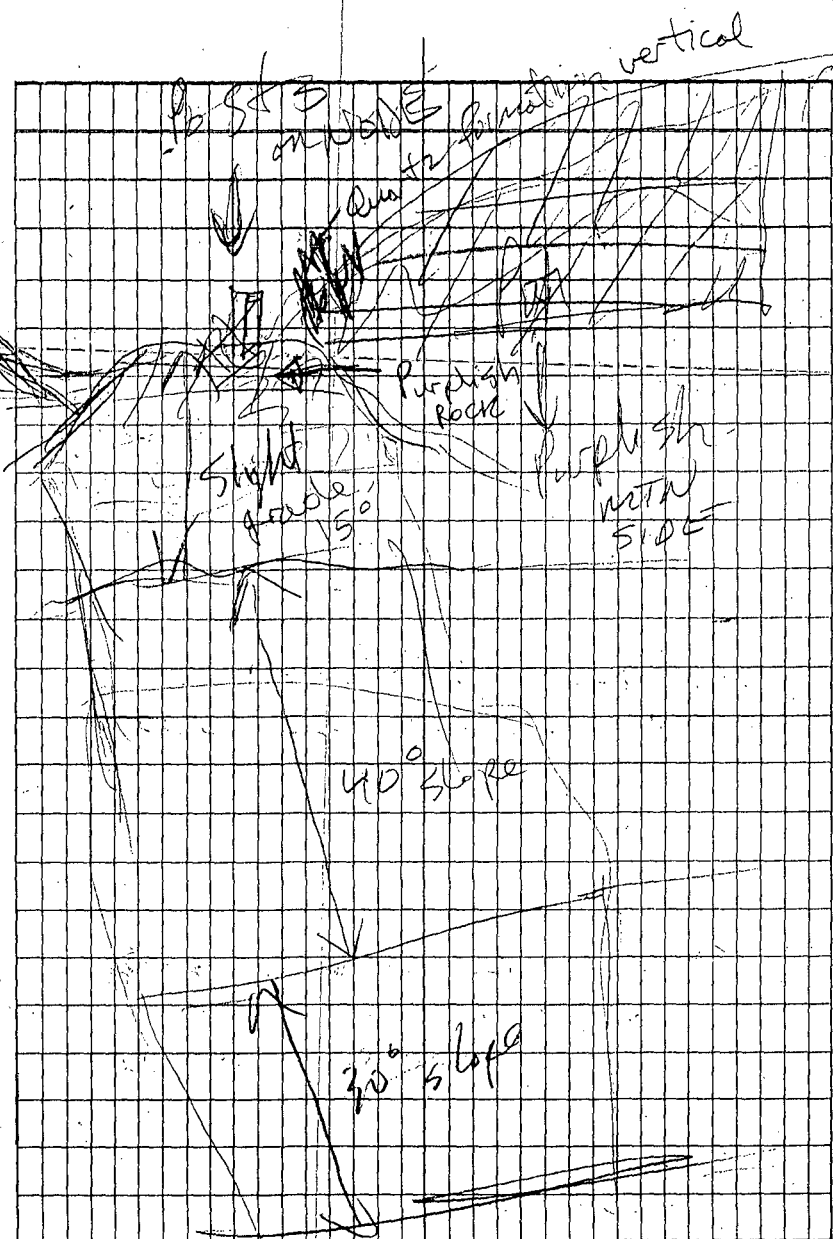
- of purplish-lustrous, glassy
like material

Beyond 140m I ran into
massive black-greyish rock (fizzes)
= limestone w/ intermittent
veinlets of quartz

West of last the rock
is completely purplish for
width $\approx 100m$, depth
 ≈ 30 feet.

→ Purplish MTN SIDE broke
some rock & saw slight
mineralization of pyrrhotite.
Fluorite ORANGE on ledge
of vicinity of prospecting

Below, after breakage of rock
shows just lustrous-lustrous
rock w/ indications of lead-bearing



FIELD

of valuable minerals.

- 123 m $\approx$ beyond posts down valley to pond, BEARING 205° the purplish material continues on MTN side.

- Dug pit 6" and took

SOIL SAMPLE: SS ST-1;

Gossan material
@ source of Purplish-
Rusty rock formation.

- $\approx$ 3m Below pit broke rock chips off protruding large, purplish boulder

WITHIN there was mineralization:

- PYRRHOTITE
- PYRITE
- POSSIBLY CHALCOPYRITE

becomes SAMPLE: ST-2

Bearing 80° from posts

- Limestone (rusty to greyish black in color) of

Limestone slaty in nature

- Come to creek and follows downwards towards OTO Creek.

After passing TWO' slaty limestone canyon wall, @ same 80° heading, a patch of Rusty-Gossan material, outcropped by greyish rock formation; shale & oxidized shale secondary formation bedding

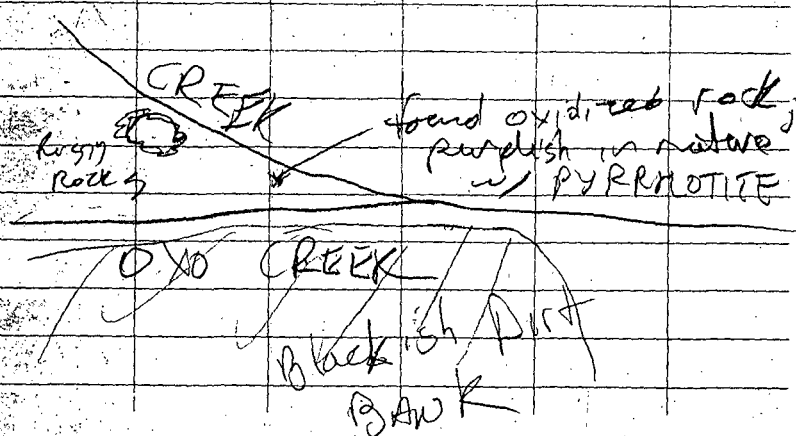
HORIZONTAL Cliff - 25 feet high FIELD

Investigated: Towards best
pitch encountered variety
rock formations

- shale
- slaty limestone
- oxidized rock: combined
with shale.
- Greyish fine grained rock
that doesn't fizz much
and not at all.
- Quartz w/ calcite.

Very rusty patch caused by
water and oxidation.

NO SIGN of mineralization.



At fork of Oxo Creek
there is no further
sign of such formation
or occurrences.

The Creek has some
oxidized rocks are
shown in sketch. This is
only spot.

- Rest of creek made up
of rounded rocks:
- quartz
 - shale
 - calcite.

most of creek also has
rock formation of slaty
nature.

- 25m down from
FORK of OXO CREEK,
can see POSTS on
BANK of creek to
the right. Survey Post
and Peg there also

Bundle of posts:

Postmarked: Post #1 clm # 72567
Post #2 clm # (71271)
Post #2 # 70352
Post #1 # 70354

Above Post difficult to read.
some of TAGS HAVE BEEN
REMARKED. MARKS NAILED
thru where stakes # of post

New Posts by CMX

1. #1 KON 133 F - no tag
2. #2 KON 125 F
TAG Post #2 YA 90425

3. Writing Unreadable

TAG. Post #2 YA 90426

4. #1 KON 125 F

TAG Post #1 YA 90428

5. #1 KON 127 F

TAG: Post #1 YA 90427

ALL CMX chains FRACTION
STAKED BY:

T.E. KOEPKE

PLACED FLAGGING around
posts.

Found 5 POSTS belonging
to CMX staked by
T.E. KOEPKE leaning
towards creek - 294°

KON Posts
Post #2 YA 90428
#2 YA 90427
#2 YA 90402

#2 YA 90403
#1 KON 133 w/o TAG

FIELD

Placed flagging on posts
The other posts up
OXO CREEK are visible
→ these leaning posts
are ~ 200 m down
from others

NOTE: These approximations
are educational
estimate

Aug 27/90 - Ambrose & Clum

Posts 1. Post #2 YA45008
2. Post #1 YA66218

4x4 staking posts
w/ TAGS

3. Tree log post w/ TAG:

Post #2 YA45008

TWO 4x4 staking post w/o
TAGS.

→ Above Posts EAST of OXO
ROAD is 60 m.

→ Bearing 141° from above posts.

338 m - encountered only

- slaty - shaly limestone

- quartz

- possible sandstone

FIELD

- also much overburden:
- muskeg
- willows,
- knee size spruce
- spruce trees

③ 430 m thick bench w/
pine trees. Stopped by
chasing, but maintaining bearing.

- came to dry creek bed; followed
it down to running creek
in valley.

Hoping to find similar Amherst
brownish rock formation
on east side of the river

Mostly calcite - limestone, quartz
limestone in slaty - shaly nature

Heading 140° to source of
creek in valley because dry
creek bed coming to overburden-
thick and cliff.

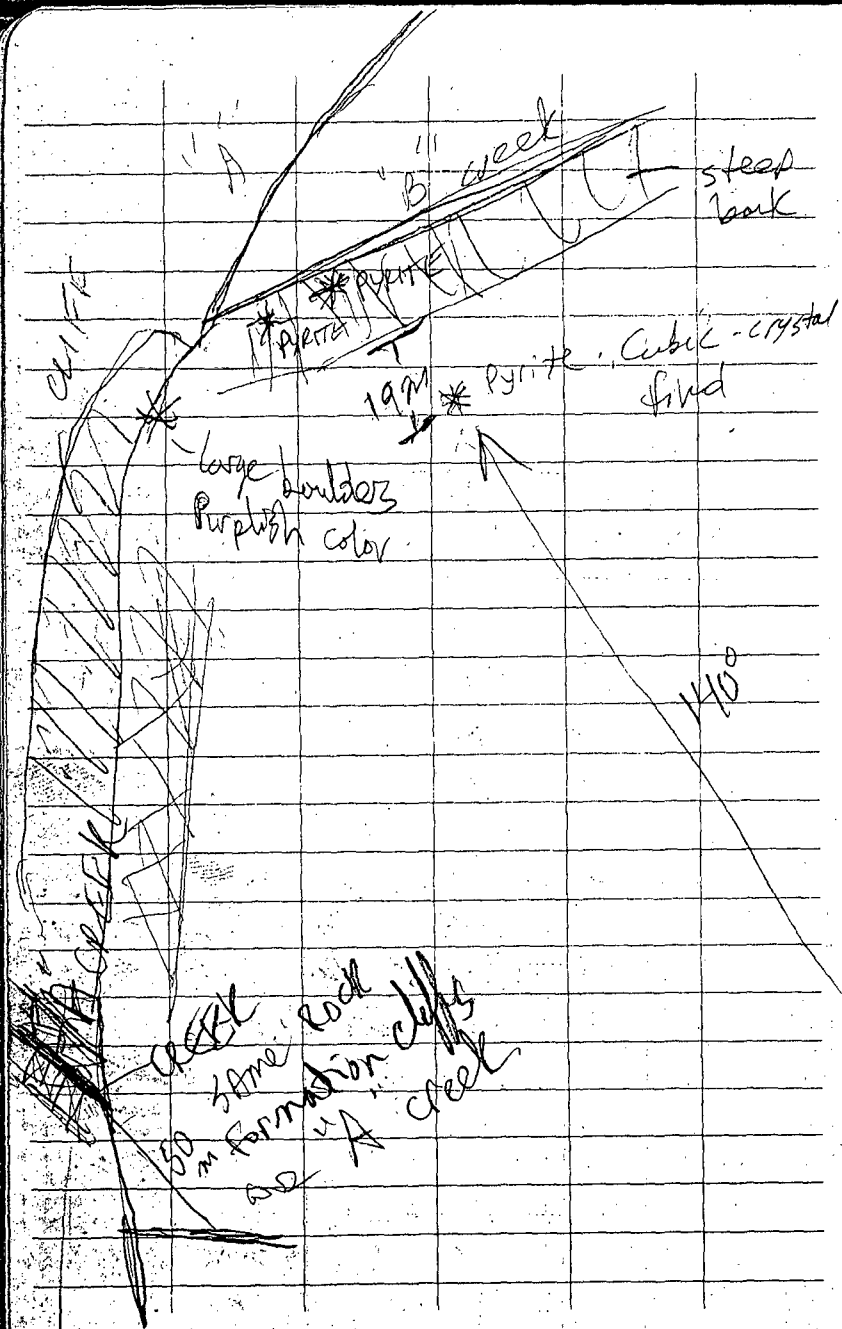
- By group of spruce trees &
green moss, rusty rock
w/ cubes pyrite
mineralization.

mineralization spotty throughout
in quartz, feldspar

MARCELO SPOT w/ much
flagging.

Rusty rocks protruding from
under SPRUCE TREES

some rocks: rusty w/ quartz
had a green color to
it which was glassy
green not earthy green
possibly malachite
or adams - serpentinite?



At STEEP BANK ^{large} rock structure
 composed of
 Quartz
 Calcite
 Shale
 Rust staining

Just below by creek find
 in rusty rock PYRITE cubic
 crystal structure formation
 Half-way up bank a rusty
 rock formation protruding,
 possible source

Investigating why should
 oxidized rock w/ quartz,
 calcite and hematite of
 green-glassy color and
 black color (feldspar)

OTHER SITE "B" creek from
 where above find, find
 only black-green
 shaly-slaty rock formation
 w/in slide area

FIELD

- 20m below "B" creek, more
float w/ pyrite crystal-cubic
formation,

Found w/in Purple on surface
and inside rock ellipses w/
quartz veinlets

- 10m from fork large
boulders in creek
purplish - rusty in color

w/in: Quartz & feldspar
and pyrite cubic crystals.

- East side of Creek "A"
sedimentary cliff formation
of black to grey shale
marked on previous page
sketch.

- West side just slide of
shaly - stony limestone and
shale.

- ~ 50m from where
other creek enters "A"
creek, on west side
of "A" OXIDIZED
Rock formation, but
some signs of mineralization
ONLY: Feldspar, quartz &
calcite

Some pyrite leached
out at bottom

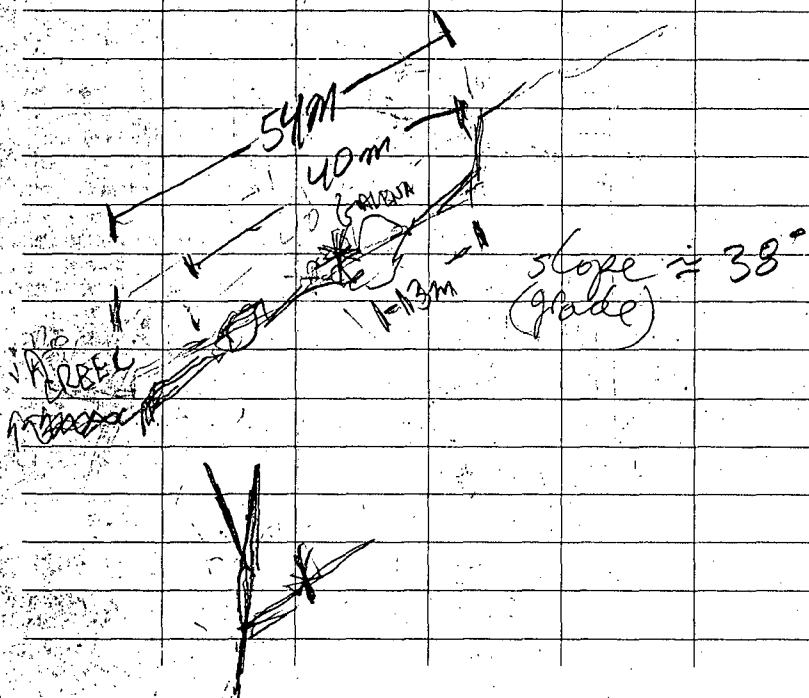
- Following oxidized boulders
to source, discover
narrow galea on edge
of one boulder and
intermittent galea
veinlets thro' another
boulder above 1m and
buried by under
other rock

Further up only find
pyrite crystal-cubic &
pyrrhotite

FIELD

oxidized formation of
purplish-buffy rock ends
by, it seems, going under
ground, right under a
protruding wall of shale
15 ft high approx.

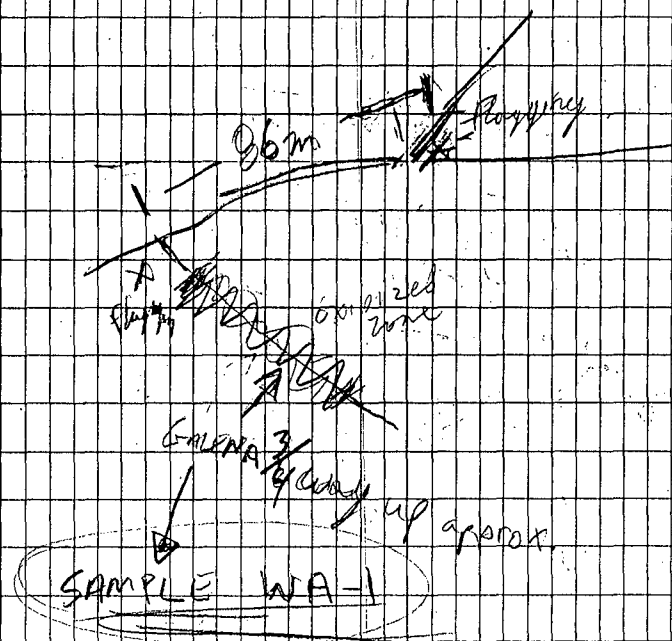
* OXIDIZED zone $\approx$ 12m wide
and $\approx$ 40m long



OXIDIZED formation on
a DRY CREEK BED.

Heading 316°, from other
incoming creek, 86m to
CREEK channel in from under a
DRY BED CREEK and oxidized
formation.

MARKED w/ flagging



FIELD

- Bearing 224° heading up
following a dry creek bed

- Intersect my MP CHAIN
LINE heading 140°
from previously mentioned
posts.

Mark Intersection w/
flagging "INTERSECT"

Plus other flagging heading
direction below to
GALENA FWD.

- INTERSECT TO POSTS
 ≈ 250 m.

Survey Post ≈ 14 m from
posts.

Old Road ≈ 31 m from
posts. SW 242°

- Heading 77° towards
"A" creek approx
 90° to posts.

@ ≈ 478 m reached cliff
to "A" creek another 40 m
and @ creek

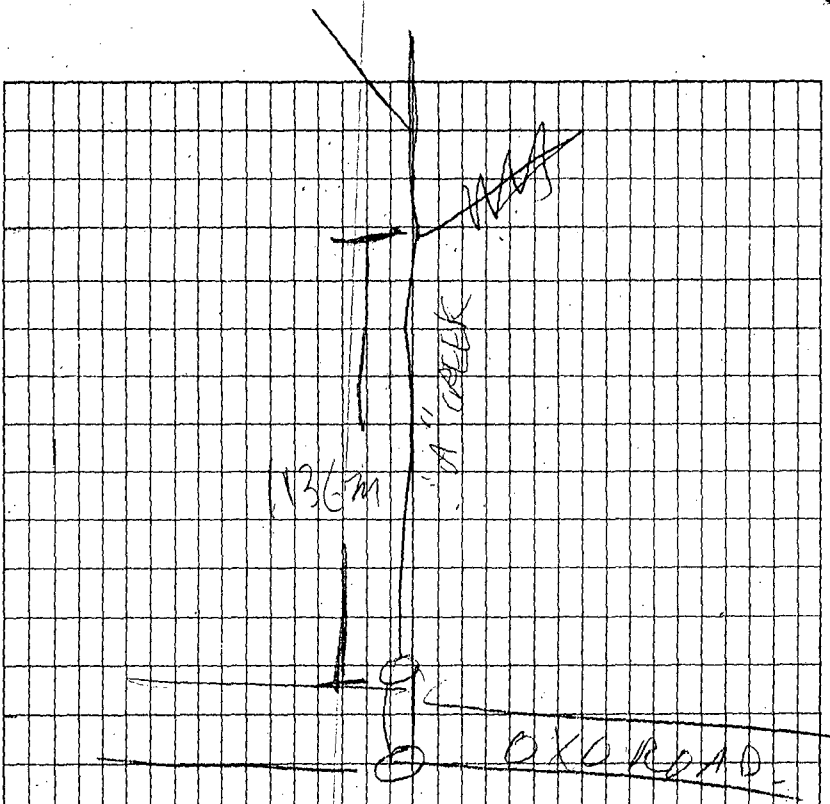
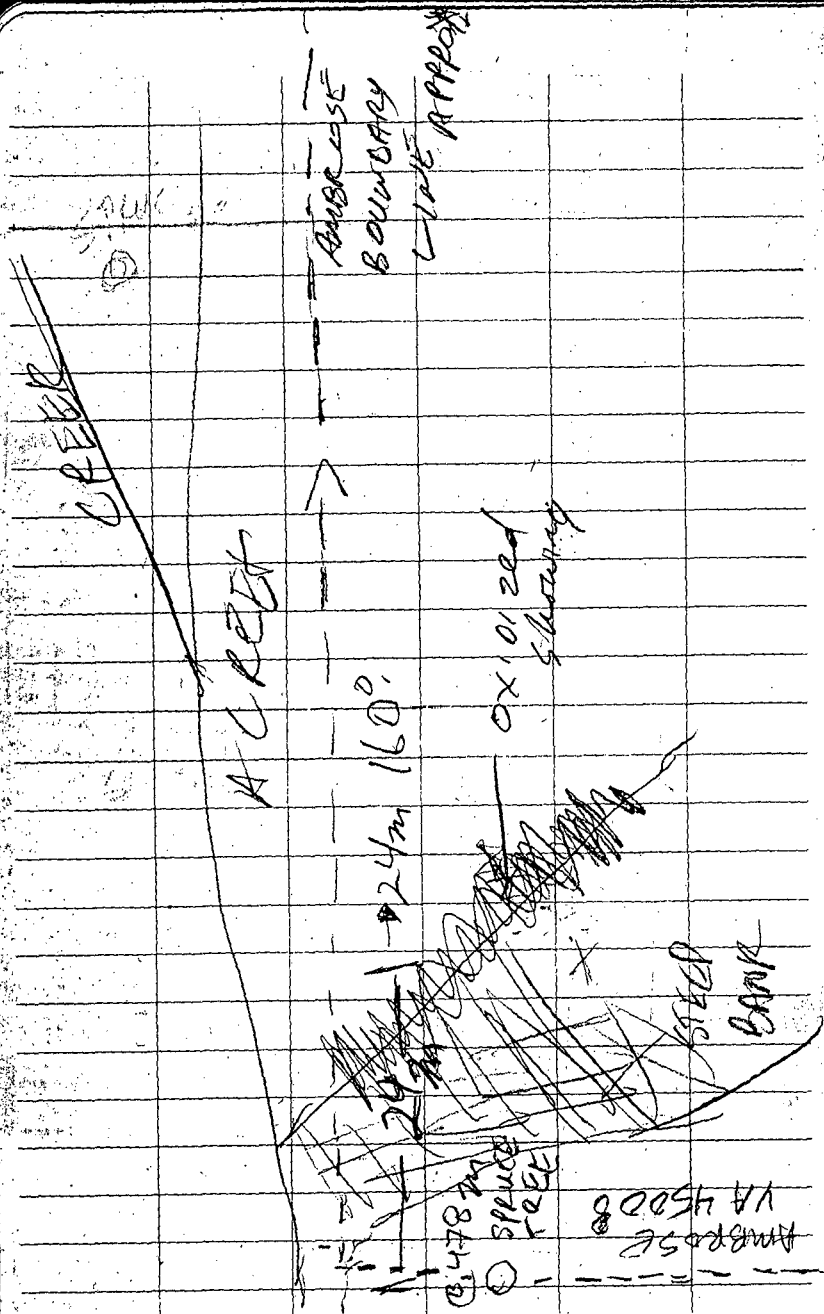
478 m reached up going
 77° from posts, down
on $\approx 40^\circ$ grade/slope

GALENA showing is
on AMBROSE YA 45008

On spruce tree placed
flagging. One flagging
with ferns.

"AMBROSE YA 45008
 478 m"

- Heading 160° from flagging
down steep bank of shale
@ ≈ 24 m on oxidized
showing. FIELD



— 1136 m from ANOMALY
TO OXO Rd. (where creek)
± 1/2 km from OXO Camp.

Along the way saw
float of oxidized rock
(purple - Fe S₂) but no
mineralization, all leached -
out.

FIELD

Aug 28/90

- Rained Out
- Began examination of rock samples gathered.
- Preparing samples for assays

SAMPLES:

X-1 Rocks → ORE BODY OKO 26

- Heavy & dark in color
- color: Black to purplish-rusty

- magnetic → magnetite

- STREAK: Blackish-grayish
yellowish-brown
→ limonite

- Seen Minerals:

- GALENA - cubic
- Pyrite - cubic, pale yellow
- BOIRONITE P - Peacock color
→ oxidized galena?
✓ streak - grayish

FIELD

X-2

- Purplish - Rusty color
- Heavy for normal rock
- magnetic

- massive Pyrite
- Chalcoprite → brassy-yellow
- GALENA structure can be seen more clearly by eye →

H-1

- purplish-black - rusty color
- Heavy
- MAGNETIC

→ GALENA in veins and seen w/ detail of cubic structure

Bornite → Purplish-Black to peacock color

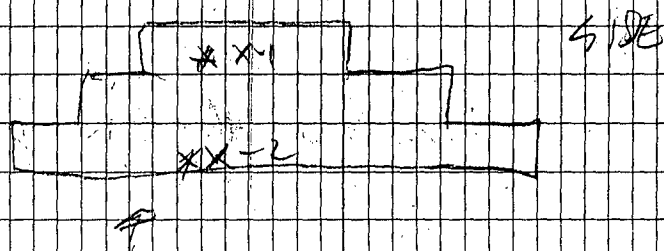
Monite.

SAMPLES X-1 X-2 H-1

all taken from
OXE 26 showing.

X-1 from top of formation
X-2 in trench where
ORE BODY VEIN
exposed by TONY

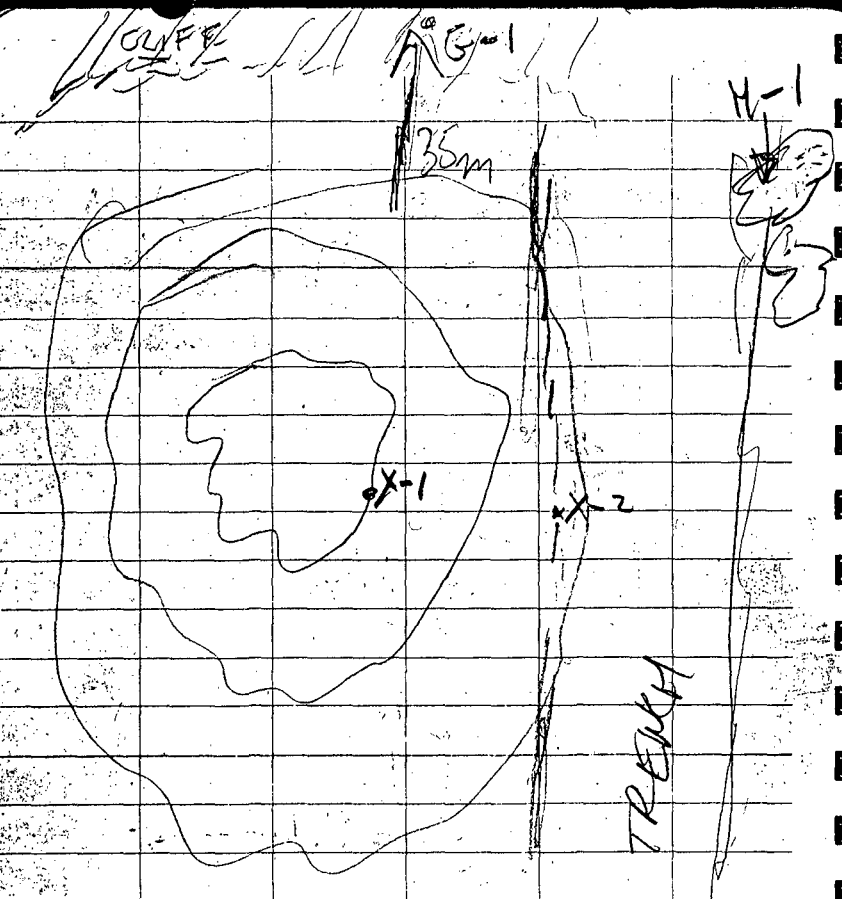
H-1 outside trench
perimeter



Intersected view of ORE
BODY (TIER FASHION)

X-1 to X-2 sample is
approx 40 feet below in
depth.

FIELD



(E-1)

- Color varies from
purplish-rusty to greyish
black and white.

- Greyish-black mineral
fizzes → Calcite (limestone)

- Rusty = limonite

- Quartz

- Black-grey mineral till
veinlets of quartz,
but doesn't fizz

→ Copper → Malachite staining
on surface of
rock samples

The rusty-purplish rock
samples (some) have
pyrite mineralization -
cubic structure pale yellow
to bronze (oxidization)

- nonmagnetic.

FIELD

Aug 29/90

→ from Ambrose #1

(A-1) Rusty - Purplish color

- Pyrite and GALENA
w/ in quartz & a
greyish-light black mineral
Also w/ hematite

- non magnetic
- not heavy

(A-2) → Ambrose #1

- Purplish - Rusty color
- non magnetic
- slightly heavy
- mostly massive pyrite
w/ possible chalcocite

TRACES of calcite

(A-3) → Ambrose #1

- Rusty - Greyish
- moderately heavy
- non magnetic
- Pyrite in cubic form
- hematite

(WA-1) → Ambrose #2

- Rusty and partially Purplish
- non magnetic
- ACID causes strong
sulphur smell
- moderately heavy
- TRACES of GALENA in a
peppered and foliation form.
- In couple of small rocks, one
can see massive GALENA
thru' out beautifully

- Pyrite in cubic form

(SF-1) - STAR 2

- Mostly Pasty - Purplish look
Seems ~~whenever~~ minerals
exposed have been leached
out

- Slightly magnetic
- not abnormally heavy

- Peacock color mineralization;
BORONITE
OR OXIDIZED Pyrite
OR BOTH

- Brassy yellow → chalcopyrite
staining

- Pyrite, much of it, in cubic and
flakey formation

half of sample is of leached/
leached like nature of
hardly any seen mineralization

- Limonite thro' out

(SF-2) → STAR 4-3

- More Pasty in color; only
partially purplish.

- NOT abnormally heavy
- non magnetic

- Limonite thro' out w/ calcite
- slight pyrite mineralization
some large cubic pyrite
crystals

- possible Chalcopyrite
(BRASSY Yellow)

CT-2 → Oxo 24 (Behind Oxo
Camp
IN TRENCH)

- Rusty and dark grey in color
- not abnormally heavy
- magnetic - very much so
- some traces of calcite
- Finest forms of pyrite
w/ possible pyrrhotite

Pyrite - Pyrrhotite formed
within dark greyish mineral
that doesn't fizz when
acid added

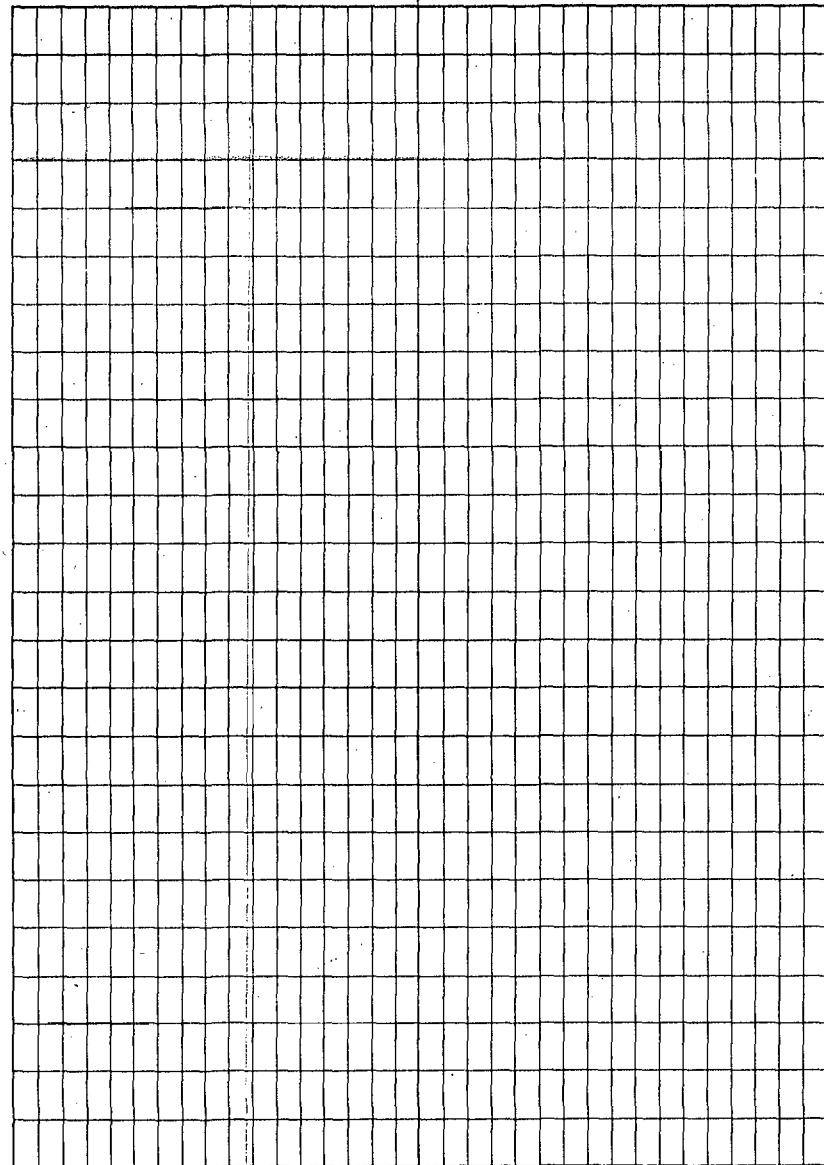
surface of rocks rusty-red

CT-1 → Oxo 24, behind
Oxo camp, outside
TRENCH

- Rusty colored surface
- w/ in rock: quartz,
traces of calcite,
dark grey mineral doesn't
fizz w/ acid.
- not abnormally heavy
- non-magnetic
- slight mineralization of
pyrite, cubic in nature.

some cubic crystals large,
but most minute

12 rock samples
1 soil sample (SS-ST-1)



FIELD

Aug 31/90 to Sept 2/90

High Tech Prospecting:

- ① Dazier
- ② ELECTROSCOPE 301

SHAFT old times built
12 ft deep
6 ft x 4 ft.

TRENCH 10 ft deep
100° and 50 ft from shaft

Rusty rock

- limonite w/ quartz crystals
- kidneys of black like sand within limonite
- Galena (fine) can be seen w/ prospecting glass.
A cube of galena here and there

* Need more trenching =

FIELD

another 8 ft

- Both ① & ② "Machines" show gold & silver in area

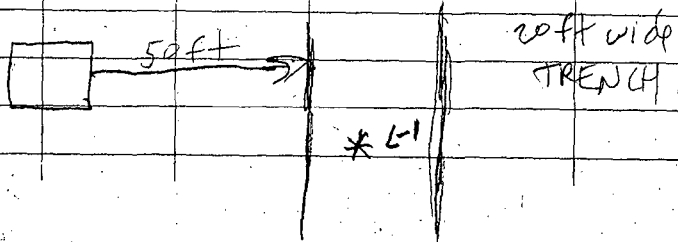
20 ft wide path
(Vern dipping East)

- * OTHER Limonite containing rocks in TRENCH

- veinlets of galena

- Shimmer in sun (silvery)
- darkish-blackish bluish veinlets - possible high content of lead & zinc

SAMPLE L-1



- chlorite Schist

Graphite Schist
encountered after Trench

quartz aged calcite
limonite

~~WALTER Johnston~~

MAY 29

WRITTEN in Pencil

B. Old cabin found; N.E.
72° to shaft

C. Barlow

inscribed w/ nail on BUNK

- 4 MAN Bunk in cabin
- cabin 15' x 12'
- another smaller cabin North
75m; looks like STORAGE
cabin

- west out house 10m

FIELD

- wooden self-crafted stool
metal cup
metal kettle & wash basin
enamel.

ladder of logs

Scenic view of Hanson Lake
system

- pot belly stove - 15 gallon
hand made

SSK 12 YA 83291

TRENGKANG @ 42° for
45 m. in depth (NEFL. 33 m)
(from end of ROAD)

22 m - ORE MATERIAL

ORE LIKE MATERIAL $\approx$ 15 m
wide

ORE LIKE MATERIAL is

- Purplish-black in color
- galena can be seen
w/ prospectors' glass
- very shiny in sun
- other darker minerals,
possibly zinc, lead,

- non magnetic
- limonite
- TRACES of copper -
MALACHITE

- Black, sooty color:
MANGANESE

SAMPLE L-2

FIELD

- much schist in area
in form of sedimentary
beds.

Black to greyish in color

- one rock specimen rusty
in color and heavy

• can see cubic structure
very well of galena w/
high content of lead
(rusty = limonite)

⇒ SAMPLE L-2 from
TRENCH: purplish-black
w/ TRACES of GALENA throughout
rock

• SAMPLE L-3 from TRENCH
BUT SOLID GALENA
w/in LIMONITE

posts: Poplar 4x4
standing in grass, wired

Post #2 YA 83290

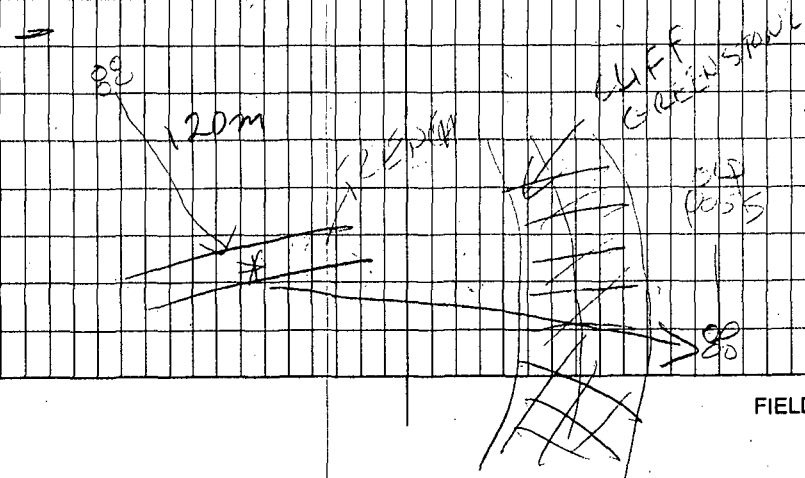
P. #2 YA 83255

P #1 YA 83256

P #1 YA 83291 =

- heading @ 90° from posts,
towards TRENCH

is 120 m to TRENCH from
above posts

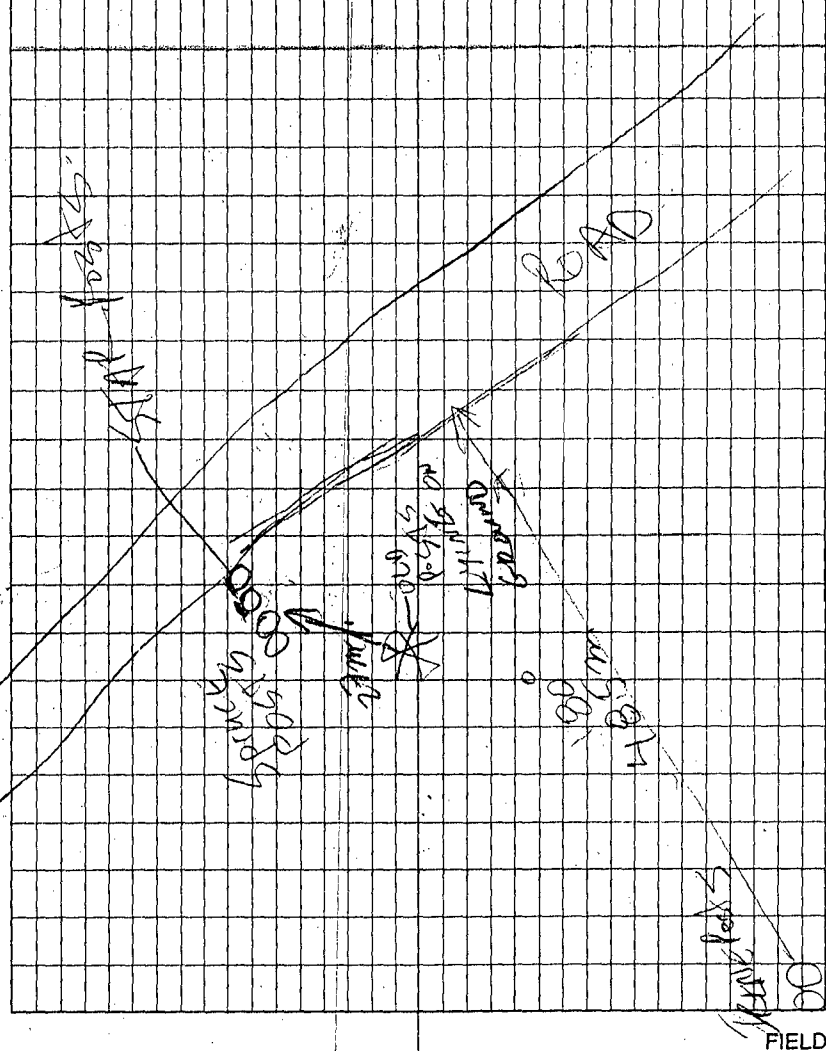


Found below steep cliff
of massive rock structure
Rock structure Greensone,
which continues to extend
@ 1150 up valley. Below
creek - Rambler

Post #	2	Y56054
P #	2	Y56053
R #	1	Y56056
R #	1	Y56055

P #2 YA 88291
P #2 YA 83256

TOWARDS EXPIRED STAR CLAIMS



OLD POSTS LYING

P #1 Y68461

P #1 Y68460

P #1 Y89156

P #1 Y89155

= @ 160° 28m Newer Posts
BELONGING TO STAR

2 POSTS w/ writing

2 POSTS w/ TAGS but no writing

TAGS P #1 YA83683

P #1 YA83682

- Posts w/ writing one
has written "STAR No 1"

OTHER POST WRITING FADED

dated Aug. 10, 1988

- ~ 250 m TRENCH 2 m
deep Some Purplish-rusty
rock but w/ in no
mineralization only slight
pyrite crystals

rest of mineralization dark-black
bluish

- End of Road 6 posts

2 posts w/ TAGS:

Post #2 YA83683

P #2 YA83682

- 4 Post w/ writing w/o TAGS
WRITING FADED but not all
was able to READ:

Post No 1

STAR #3

1500L

Aug 20/88

LEO (HAWLIN?)

OO OO READABLE POST

hole

FIELD

- AREA covered on foot
Primary OVERBURDEN:
MUSKIE & willows.

50 m @ 104° gets to
cliff of Greenstone + schist
of slaty nature which
overlooks PAMBER CREEK.

on RIDGE some purplish-rusty
rock w/ quartz and
greenstone.

- pile of rocks - greenstone.

w/ in one silvery sparkle
in sun.

possible GALENA cubes thro'
rock Flapping placed.

SAMPLE L-4

~ 200 m @ 302° to Posts
@ end of ROAD.

Further investigation found

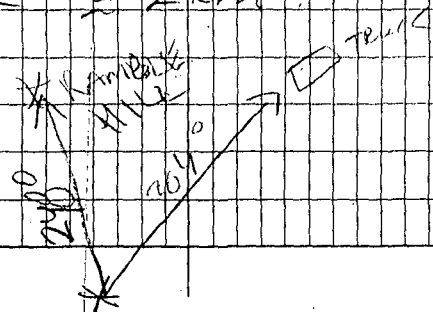
Pyrite crystal cubes of
large size embedded in
greenstone like RICE pudding

- Headed Southwesterly direction
over overburden towards
rocky rock formation
in easterly direction

@ location trench work
of long ago.

Only Greenstone, some
rusty - purplish rock but
w/ in greenstone.

Can see truck @ 304°
From TRENCH location.
Truck $\approx$ 2 Km.



FIELD

- All rocks in area covered
w/ BLACK moss like
lichen.

- followed peg posts
@ 210° and came
to posts by ROAD.

7 posts

P. #1 STAR #5

P. #1 STAR #6

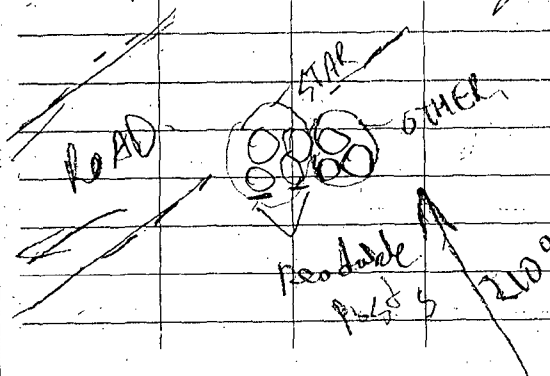
Aug 20/88

LED HALONEN

} 2 posts

READABLE

Other posts not readable.
No posts had tags.
Posts WIRED together.



- Down road @ 151°
TRENCH above road but
parallel to it.

• Reached rocks: purplish-
rusty in color.

• Limestone w/ leached out
rocks.

→ TRENCH 40 m long
166 m from post #2

SAMUEE

19/06/90

C1: Cu stain @ Creek

- seems rocks coming from above

- above found a few ^{green} stained rocks of Cu (Malachite)

- rock composition mostly calcite, shale, quartz, feldspar, greenish to grey black (chlorite muscovite)

placed pink ribbon marked C1

- 36 meters up creek from C1 further Cu staining

on shale where massive sedimentary rock formation - shale, calcite - above creek

- 82 meters from C1 rusty rock, limonite within calcite. Also Cu staining on rocks

93 meters further Copper staining above slide and below slide. Pink Ribbon @ 93m.

258 meters - Cu staining in boulders in Creek

- going up creek @ approx

11° slope

- rocky, muskeg, trees

419 meters Post #2 ~~YA~~ YA 554 By Creek

419 meters from sample C1

Post #2 should be 60° (NE) according to map, 500m

placed pink ribbon on Post #2

365m. from post #2 up creek

Small boulder w/ Cu staining marked w/ pink ribbon "365 m."

FIELD

440 m. Post #1 YA 554
Post #2 YA 553

109 m. from P#2 YA 553
large boulders w/ Cu
staining in middle of creek.
boulder fills - calcite but
greenish in color (chalcite bleached
in)

191 m. further Cu staining in
boulders in creek
- red hot color in rock? took sample

253 m. further Cu staining
occurrences of Cu st. increased
in creek by creek
marked with pink ribbon

500 m. Post #1 YA 553
Post #2 YA 552
I marked w/ pink ribbon

Posts 17.5 m from creek.
E Posts copper outcrop

→ 260° NW from Post #1
1 m E open outcrop of Cu.

Cu stains in boulders of
rusty color. limonite &
calcite.

• TAN to dirty grey colored rocks
& boulders

• Zone Cu outcrop approx 8 m.
260° NW of posts

• 20 m 150° from posts
overburden no sign of
Cu staining except 5 m
from rocks large rusty boulders

Sample (C2) 6.5 m^{SW} from creek
10.5 m N of Posts
Creek North of Posts

FIELD

~100° 13m from Post #2 YA552
another large Boulder
rusty & white in color w/ Cu
staining — limonite & calcite

24m. 100° (up creek) NE further
Cu staining.

45m. 100° large boulder w/ Cu
staining

- rusty & white color
- fissures partly — calcite.
- marked w/ pink ribbon.
- 45m from P#2 YA552

SAMPLE C3 — pink ribbon
81m from P#2 YA552
smp. C3.

- large rusty color boulder w/
Cu staining

— At slide area across creek
10° NE from where sample C3
taken no sign of Cu staining

only TRACES of limonite
abundant calcite — snow
white to quartz and black (Fe-2205)
• Dark black mineral seen
possibly feldspar scintillates
• white powdery but scratches knife

June 20/90

— Post #1 YA553 & P#2 YA552
marked further w/ orange
ribbon.

- marked w/ orange ribbon
outcrop zone. Cu

— 220m from P#2 YA552 90° E
FORK in STAIN Creek

480
780m up North fork of creek
Dark black, rusty boulder

- slight fiss, scratches knife
- limonite, feldspar, calcite

pink ribbon placed on bush branch
— 307m mineralization Pyrrhotite. FIELD

limonite - float

- crystal structure cubical, yellowish tarnished possibly chalcopyrite
- not magnetic
- no sulphur smell when HCl added (not distinguishable since crystal very minute)

• PYRITE & Pyrrhotite

SAMPLE NP-3 307m

pink ribbon marks spot found

427 m from P#2 YA552

- No evidence of further mineralized rock in the vicinity

up North fork of Staw Creek on snow-glacier @ 540m @ 20° incline rusty rock - limonite

- glacier gorge has 90° bedding of shale & rusty rock

- 572 m from P#2 YA552 @

60° pink ribbon marking 572m

• 238° approx down gorge to P#2 YA552

- heading 31° from glacier up 45° incline. Trying to reach peak of mountain. Rusty rock w/ dark beds can be seen from distance

- Pink ribbon marked w/ heading 31° MAG. North

- North of gorge & glacier 31° encountered green rocks (black-green)

- white powdery scratch & it fizzes (calcite)

• on green rock white scratch doesn't scratch

• there is occurrences of rusty colored rock. There is some rock w/ orange-reddish color but this is moss

• greenish rocks not magnetic

FIELD

- M sample found on mtn top.
• Pyrite in dark ~~rock~~ bluish rock - large cubic crystallization (light yellow)

- Posts: Post #1 YA550
Post #2 YA549
• placed pink ribbon on posts
• posts leaning northward direction
as seen in photo #11

• straightened posts out to upright position as seen photo #12. Tags are on the post

• M sample found 220° from posts. Approx 84 m over the mtn - ribbon marking

- M2 ^{M3} Sample have pyrite and reddish-brown crystallization
• found in blackish-bluish rock
• marked w/ ribbon spots
found such mineralization
 220° from above posts

- Looking down creek that enters North Fork GTA in Creek
found soft, stuff like porous limestone - fires bubbles

- 300 m from where CI sample taken, to base camp

June 21/90

- examined rock samples

Samples M1-M3:

• large cubic crystallization of pyrite

M1 - Pyrite & pyrrhotite

M2 - pyrite (large cubic crystals)

M3 - Pyrite of brownish color.
Probably limonite mixing w/
crystal facies
Pyrite looks tarnished - oxidized. FIELD

Sample NF-3 : Pyrite.

C1-C3 : malachite

Red stained rock contains:

- calcite
- limonite (red stains)

→ Dark greenish rocks observed,
where white powdery scratches
fizzed, are Dolomite
non magnetic.

June 22/90

Packed out

June 23/90

- 50 m from posts #1 4553
#2 4552

Southerly direction over rocks
no traces of Cu staining
only limonite traces, quartz
and calcite

- 61 m trace of Cu staining
ribbon pinkish marks vicinity

- 237 m boulder covered
partially w/ moss
greenish in rock - Cu stain?
• limonite, calcite
• shaly to silty rock

• SAMPLE C4 at 160° from above
posts - ribbon marks spot

$$20^\circ \text{ slope} = 106.4 \times \frac{500}{100} = 532 \text{ m}$$

Ⓢ 498 m on ntn side no
mineralization realized.
abundant limonite w/ calcite

FIELD

and dark rock (black) - non magnetic.

- encountering limonite in slaty rock structure
- shale

- Beyond the 532 m spot (marked w/ ribbon) on top of MTN no sign of mineralization.

- abundant limonite mixed w/ calcite, quartz for approx 200 m. EAST of 532 m ribbon.

- 200 - 300 meters encounter light to dark green rocks w/ traces of limonite.

ultramafic rock possibly:
olivine - serpentine.

- 300 - 350 m dark purplish rock looks like leached out / burnt.

• above mtn side near ridge of mtn bedded rock formation of shale - breaks in sheets.

- Top of mtn Purple & green rock

Purple rock looks spongy when broken (holes in it)

Green rock - coarse grains

- 350 - 400 m back to limonite w/ calcite quartz.

shale - breaks in sheets along bedding.

Green & purple rock

- SAMPLE (5) rusty rock
limonite

SAMPLE D1 - various rocks in

FIELD

Zone prospected

June 24/90

- blasted & mucked thro' mud and large boulders to expose Cu outcrop showing.

TR #1 11m from Post #2
YA 552 up creek approx 20m
above creek (south of)

TRENCH #1 marked out
w/ ORANGE Ribbon

- exposed Cu showing
large boulder shattered
which contained Cu -
Took 2 samples

① BL 1A

② BL 1B (1m from 1A)

~~TR #1~~ Cu

10m by 3m wd x 2.5m deep

marked on orange flagging
& ribbon

June 25/90

TR #2

4m by 2.8m wd. x 1.5m deep

TR #2 1m from Post #1
YA 553 (westerly)

2 samples

① BL 2A

② BL 2B (1m from BL 2A)

FIELD

June 26/90

- Beyond Cu zone towards fork in the creek there seems to be no sign of Cu staining in or on the banks of the STAIN Creek

Rocks w/ Limonite & calcite & black mineral rock

- 141m up East fork of STAIN Creek came across rusty shaley like rock (south bank cr.)

- limonite, calcite, quartz black-grey shaley (like lead in pencil) Source from side of MTN above

- the rusty rocks in the CREEK have their source at source of STAIN Creek where from the 141m spot one can see the MTN side rusty (North to South of MTN side)

* there is intermittent black-greyish rock also

- going up $\approx 11^\circ$ slope 112° E 536m

since upward trek encountered once again rusty rounded rocks. but also have seen abundance of greenish rocks; green w/ black speckles

@ 536m mark to south of me see bedding of rocks (slates like), old and eroded already. Greyish in color w/ hint of reddish or rather rust in them.

- 673m @ Glacier and source of STAIN Creek. Another small creek coming in from MTN 49° into STAIN Creek

* heading 96° towards black on side of MTN

FIELD

SAMPLE SS2 taken where small stream flows at 31° coming into to meet underground stream, marked by hanging.

- block on side of road is nothing more than dirt & small pieces of black shaly rock.

- side near the bedding of rusty color beddings are 90° (vertical) and structure FASHION

at further 90° bedding.

full semi-circle around me rusty color rock. At bottom side near observed rusty rock composition: hematite, calcite, quartz.

Also there is shaly black grey rock around. Also greenish

(light to dark) rocks.

SAMPLE E-1: rusty rock.

SAMPLE E2: possible Cu stain

from 170 to 25m from E-1
Flaying tried to rock

- now side complete of rock formation bedding & nature boulders

abundant occurrence of rusty rock - hematite

hematite w/ calcite quartz
Also w/ green and black rock - calcite & feldspar

Black rock not magnetic => not hematite.

occurrence of shaly types of rock, greyish.

on ridge further shaly type of rock & rusty rock.

throughout ridge which
eventually leads to claim
YA 553

- SS2 sample: SEDIMENT
sample from creek
~ 215 m from Post #2
YA 553 (up stream)

Flagging w/ SS2 on
branch on bank of CRK

- SS3 sample: Creek sediment
~ 378 m from Post #2
YA 554. On Flagging
incorrectly wrote YA 552

June 27 - 28

- preparation & hiking over
MTN to MARK CLAIMS.
& set up camp.

June 29/90 - MARK CLAIMS

- 1/2 way up mtn side where
creek flows Cu stains in
leached out rock.

Cu = Malachite - Azurite

Float from top of mtn as
where on ridge found
Cu staining the clay before
when packing in to the
valley.

Cu staining on quartz surface
(malachite)

breaking further leached out
rock one can see inside
which looks like a sponge
(pumice)

- ~ 20 m up face further
Malachite - Azurite staining
10 m to the right pyrite &
TRACES of chalcocite

- Flagged zone of Float rock → "2-ZONE"
marked on Flagging. FIELD

- 2 - zone ≈ 20 m width
Source of 2 - zone from
MTN SIDE near ridge at top
of MTN. Snow Glacier exists.

- Above and over ridge
3 posts leaning Westly $\approx 300^\circ$
2 posts have tags and other had
but missing - NAILS (2 bent)
are nailed to wooden post.

Post #2 CLAIM # Y42978

silver tag homemade

TAG FACING $\approx 226^\circ$

Post #1 CLAIM # Y29299 (official tag)

TAG FACING $\approx 39^\circ$

TAG GONE. NAILS FACING $\approx 284^\circ$

Posts have been moved thru
snow movement, twisted
a bit also.

Remembrance of another post seems
to exist because a broken
wooden post in the ground
protruding $\approx 1\frac{1}{2}$ inches

Flagging placed around
posts.

HIP CHAINING up 38° incline
@ 123° from posts up a
BLACK dirt & shale.
Within this there is
weathered, oxidized rocks.

≈ 79 m up Malachite staining
within quartz, calcite rock.
In the vicinity of this rock
(1-2 m) leached out, rusty
rock.

≈ 133 m to right ≈ 20 m
Rock outcrop: rusty, yellowish
lumpy - leached rock

≈ 200 m to top of ridge (messy)
w/ $\approx 38^\circ$ incline

- Top of ridge samples Malachite,
azurite, chrysocryte, pyrite
taken ≈ 50 m @ 116°
across glacier of snow.

FIELD

MINERALIZATION Found

- massive PYRITE
- traces of chalcopyrite
- malachite staining

massive Pyrite & chalc

Found in rusted - weathered - leached out rock

(@ 116° from RIDGE @ 50m)

Flagging put around rocks
MARKED "Y-ZONE"

Above Flagging "Y-ZONE" traces
of Malachite & Azurite within
rock

- Further up encountering slaty,
rusty bedded rock structure

black surface below rusty color
zones - write

- Near top of ridge - glacial
float of Malachite (traces)
bedding protruding of rusty,

slaty like rocks, Bedding
protrudes @ 10°

SAMPLE Y-1 - found 1/2 m
from side of glacial float
@ 20 m from top of ridge
and glacier.
About 10 m from the
previously mentioned bedding
(10 m to right above bedding
formation).

- Following a 190° path on
ridge - Encounter rusted
leached out rock.

- MARKED Flagging "190° PATH-RIDGE"
placed around leached out rock
which was placed on
a greyish boulder (can see
bedding)

- @ 20 m from flagging a weathered
leached out outcrop of
rock. Hit of human &
crumbles FIELD

• outcrop protruding from under moss

- 190° course :

Rock Sample: 190°-1

Soil Sample: SS 190°-1

Rock has traces of Malachite and possibly Azurite

Flagging placed where above samples TAKEN and MARKED accordingly

No further sign of Cu staining only massive rock structure of greyish rock bedded.

- Heading @ 180° on side of M.T.W. encountering greyish rock broken in sheets

• Blueish rock also in sheets @ 45° bedding protruding

- encountered massive rock structure of purplish rock. Flagged @ 180°

- ON TOP of M.T.W. from M.T.W. Peak can see chain posts YA 550 Post #1 & Post #2 YA 549 (A claim)

At peak bedding @ $\approx 90^\circ$ greyish & slaty rock

- SAMPLE JS-A-1
large Pyrite cubical crystal found at bottom of M.T.W. where I was walking above

• Flagging marks spot found
• similar crystal structure as M-1 Sample 5

- SAMPLE: MARK 1

66° from sample SS 190°-1
on MTN Ridge. MARKED
w/ flagging

- SOIL SAMPLE

S.S. MK-1; Rusty soil
~ 40 m from Sample MARK 1
@ 66° → on MTN RIDGE
Marked w/ flagging

- Northy from Sample SS MK-1
rock outcrop reddish-rusty
color.

• Some indication of burnt-
weathered rock.

- sample soil: SS MK-2

Taken just above the
reddish-rusty rock outcrop
above mentioned

• sample of black (night)
dirt (possibly breakdown of shale)

- SOIL sample: SS K-1

taken other side of
MTN Peak in opposite
direction of SS MK-2
OTHER VALLEY w/ 2 swamps
and lake. Can be seen
from PLATEAU. Flagging
ORANGE tied around rock
and placed where soil sample
taken

• When walking to sample got
encountered: stony area
and some rusted rocks on
EAST side of MTN Peak

- SOIL SAMPLE SS MK-3

Taken on mountain RIDGE
Can see our camp
@ 324°

Rusty soil; marked w/ flagging
around rock

- SOIL SAMPLE: SS MK-4
- lustrous soil: Gossan.

Sample taken a source
of lustrous creek bed near
camp. Below Ridge walked on.

Flugging around rock marks
spots. Snow glacier ^{ends} and
creek begins.

- S.S. MK-4A taken
beside MK-4
- SOIL bluish-greyish -
greenish
- possibly Malachite & Azurite

- Rock Sample: RS MK-4B
taken same vicinity as
other 2 above samples

June 30/90 - Rained Out.

July 1/90

- 2 posts, 4x4s, lying
on ground, NO TAGS.
WIRED TOGETHER w/ heavier
WIRE, MARK posts probably

- 2 posts approx. 85 m
from Z-Zone (beginning of Cu
flat: Malachite & Azurite)
- Z-Zone 228' from posts

Resurveyed 2 posts &
placed in the rock
mound; it was in
previously. Resurveyed
the posts because snow-
glacier during winter could
drag it down the
valley.

Placed ORANGE flagging
around posts to put
photos 17-18.

FIELD

- Beginning of 2-zone placed pine wood stake $\frac{1}{2}$ ft long into ground surrounded w/ a mound of rocks containing Malachite standing

Flagging marked "2-ZONE BEGINNING" $\approx$ 85m @ $\approx 228^\circ$ from 2 posts previously mentioned. $\approx 20^\circ$ incline.

- WALKING 2-ZONE TO RIDGE picked up samples of "C1" 2-ZONE

SAMPLE Z-1: rock sample

- pyrite possibly AZURITE in partly leached - burnt out rock. MARKED w/ flagging around rock: "Z-1"

- On ridge p/4 rock sample Y-Z1 from Y-ZONE

Flagging around rocks on ridge on moss ≈ 20 m up ridge @ 180° (SOUTH) black shales

Rock-gravelly that goes over 30-50m Sides of Ridge EAST & WEST.

- Can see Rusty rocks in 4m zone that proceeds over ridge westerly direction. EASTERLY

- PLACED STAKE (PINE $\frac{1}{2}$ ft) w/ flagging: "Y-ZONE SAMPLE"

- From stake @ 115° $\approx$ 55m across gully w/ snow. is Y-ZONE

- 345° following Ridge to the RIDGE ZONE $\approx$ 106m where 1st stake of RIDGEZONE (R2) w/ flagging: "RIDGE ZONE RZA"

- @ $\approx$ 5m SOIL SAMPLE: "SRZ-1" Rusty - GREEN SOIL. AND

ROCK SAMPLE: RS. RZ-1
MALACHITE MASSIVE

FIELD

26m

- Dug out pit $\approx$ 2 m wide by 3 m long by $\frac{2}{3}$ m deep, Gossan.

encountered 1st layer of $\approx$ 6" (15 cm) shaly, black
2nd layer rusty w/ green coloration $\approx$ 12" (30 cm).
rocks - small and large w/ color of deep green to light green in color found in quartz and limonite and black shaly looking rock

* Believe Ridge zone is the source of Z-ZONE below.

SOIL SAMPLE SSR2-1A
same vicinity as SSR2-1
($\approx$ 1.5 m away in pit)

R2 (RIDGE ZONE) is $\approx$ 26 m wide where #2 stake (RIDGE ZONE - R2B) marked w/ flagging

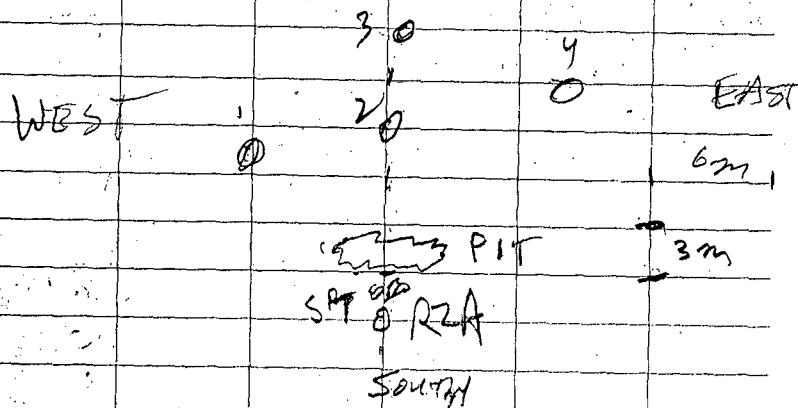
- 25 m beyond R2B encounter rusty shaly rock (in slabs like breccia) no indication of Cu stains. This rock does fizz - CALCITE
- ON EAST SIDE, downward on Ridge bedding of rusty breccia like rock.

Further on only moss on ridge and growth on both EAST & WEST side of RIDGE downward to both valleys.

FIELD

NORTH

● R2B



- 4 smaller pits of 30cm depth & 15cm width dug on ridge of TOP EAST & WEST SIDE where Cu staining seen.

#1, 2, 4 have Gossan but no Cu stain in soil or rocks

#3 NO GOSSAN ONLY BLACK & purplish slaty like rock (shale?)

- West side ridge 3 posts which previously mentioned, are $\approx$ 200 m from R2A @ 246° below, can be seen; no flagging.

SPT: smaller pits were trenched toward $\leq$ R2A stake. Encountered some Cu stained rock & much Gossan. As dug more, ore had to dig deeper, > 30 cm to reach Gossan.

GOSSAN STAIN continues on to R2A & possibly further, but deeper pits or trenches would be needed to be dug by i.e. bulldozer to see what is deeper below.

- Pic #20 shows R2A - R2B and pit(s)

FIELD

- SOIL SAMPLE: SS, R-1
rusty-blackish soil
TAKEN on ridge in Northerly
direction from R2B
- Flapping around rock
marked: SS, R-1

- Following ridge, spot from
ROCK on WEST SIDE
3 posts standing ERECT
Leaning WESTERLY DIRECTION

- 2 posts have TAGS (official)
- 1 post has no TAG
- Signs of 4th post but
broken off and can be
seen below on the rocks.

Post #1 CLAIM # Y29301

Post #2 CLAIM # Y29299

No TAGS - NO NAILS, but
SIGN of TAG being there

- went down to rocks below
to retrieve fallen post.

SNOWS took this
post down to rocks

TAG ON it:
POST #1 CLAIM # 29300

SAMPLE SOIL: SS, W-1
• RUSTY colored dirt
• came from 2.5 m below
@ 12° from posts discovered

- dirt taken among rusty
ROCKS - fine grained,
greenish-greyish
doesn't freeze
- scratches white
- scratches blue, > 5
hundreds

- Pict. #21 shows posts flung
w/ post Y29300 lying down
as don't know what
direction it should be facing.
ROCK mound placed by myself.

FIELD

• Picture taken in direction of
other posts on West
SIDE OF STAKES R2A & R2B

Posts: Y42978 Post #2
Y29299 P#1

2 posts, one which BROKEN
below in valley or
under rock, other NO TAG



177°, the above posts are
from Posts

Y29301 P#1
Y29299 P#2 1 one post
Y29300 P#1 missing TAG

P#1 Y29301
P#2 Y29299

(missing TAG) - P#2 Y29298

A P#1 Y29299
P#2 Y42978

A } either one could be post
B } missing down valley OR post
missing TAG

which means A & B posts
are claim #s

A = Y29298 P#1 (claim 17)
B = Y42979 P#2 (claim 24)

CLAIM 18: Y29299 ✓

CLAIM 17: Y29298

CLAIM 23: Y42978

CLAIM 24: Y42979

WG ZONE

samples: WG-1
WG-2

WG-1 below WG-2

WG-2 taken 219° looking
@ Posts Y42978 P#2
Y29299 P#1

OR 34° from the just mentioned
posts FIELD

WG ZONE is 2nd
 Gulley encountered up side
 when walking from claim 5

Y2930170

Y29299

Y29300

WM = Gulley

788

downhill

X WG-1

BUG

W/ Slagging

Rusty

Rock

Stain

Pyrite

WG-2

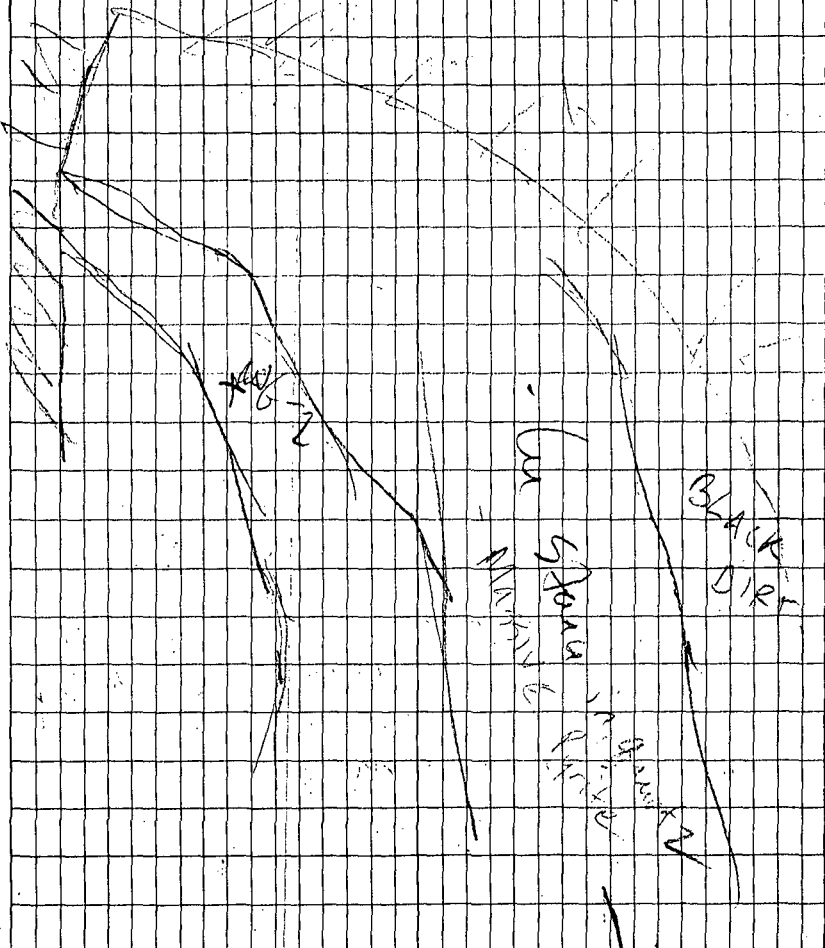
2199
 ≈ 124m

WG-2 grab samples from
 rusty dirty path of rock
 being off gulley
 Cu stains
 massive pyrite

Rusty Boulder
 Cu stain
 Ru

Flatt of Cu and Pyrite
 coming from top

Source could be from
 RIDGE ZONE

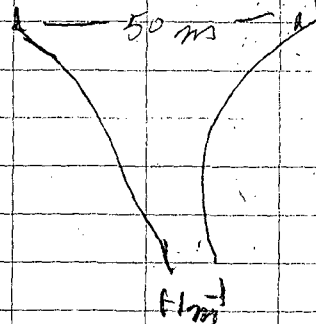


leading to ridge zone

FIELD

- WG-ZONE is 50m wide

• Funnel shape



Requires 1m
to 50m

~ 129m to Posts

Y42978 P#2

Y29299 P#1

From WG ZONE

- CONTINUED Down into valley
and up to FIND Post #1
of 1st A CLAIM

MIP CHAINED from Posts

#1 YA 550

#2 YA 549

~ 484m Across Plateau
(NORTHERLY DIRECTION)
to cliff overlooking
a creek & valley.

From Here I could
see Posts of MARK.
STAKE of flagging placed
@ 484m.

- went down into valley
west of Posts

Y42978 P#2

Y29299 P#1

straight down.

encountered at bottom
weak rocks & boulders,
of creek entering main
creek. Rusty and leached
out rocks: boulders w/ RUST

FIELD

STAINS

CREEK
OFF MARK
CLAIMING

MAIN CREEK

RUSTY IN COLOR

MAIN 5 ON WEST
SIDE CREEK

MAIN = RUST COLOR ON ALL ROCKS

X BLACK (Sediment)
From adjoining creek

X OXIDE (sample soil) 6055000
BLACK (shade) rocks
on cliff

MAIN CREEK? BLACK

red creek
MAIN CREEK
EARTH - RUSTY

CLIFF overlooking creek has
bedding formation of strata
at 0° (mostly) & some @ 30°

JOINS Soil samples following
RIDGE NORTH from
R2A and R2B.

SS-R-JS-1 - rusty
SS-R-JS-2 - yellowish

BOTH by each other
= 20 ft apart

FIELD

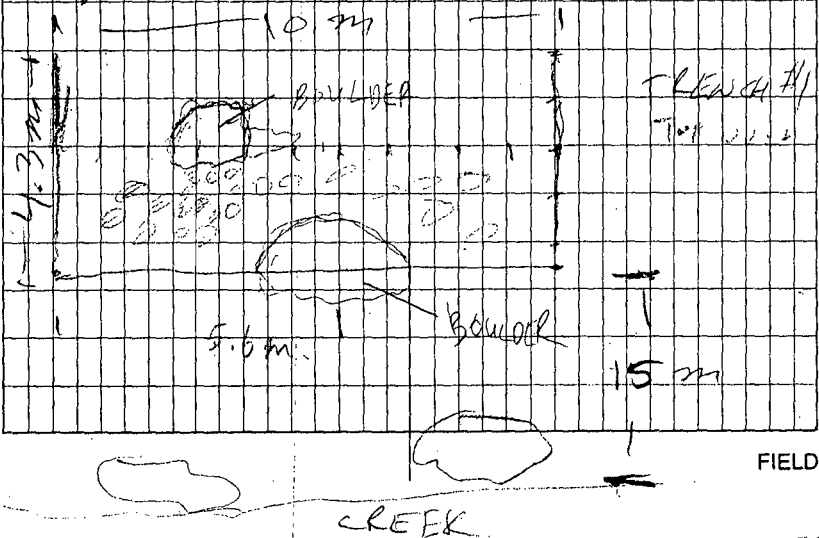
July 2/90

- Increased m³ or yd³
of TRENCH #1 on
the A claims

Extended TRENCH #1

18 m x 4.3 m x 3.2 m
(long x wide x deep)

Further blasting of trench
exposed large boulders
of massive limestone.

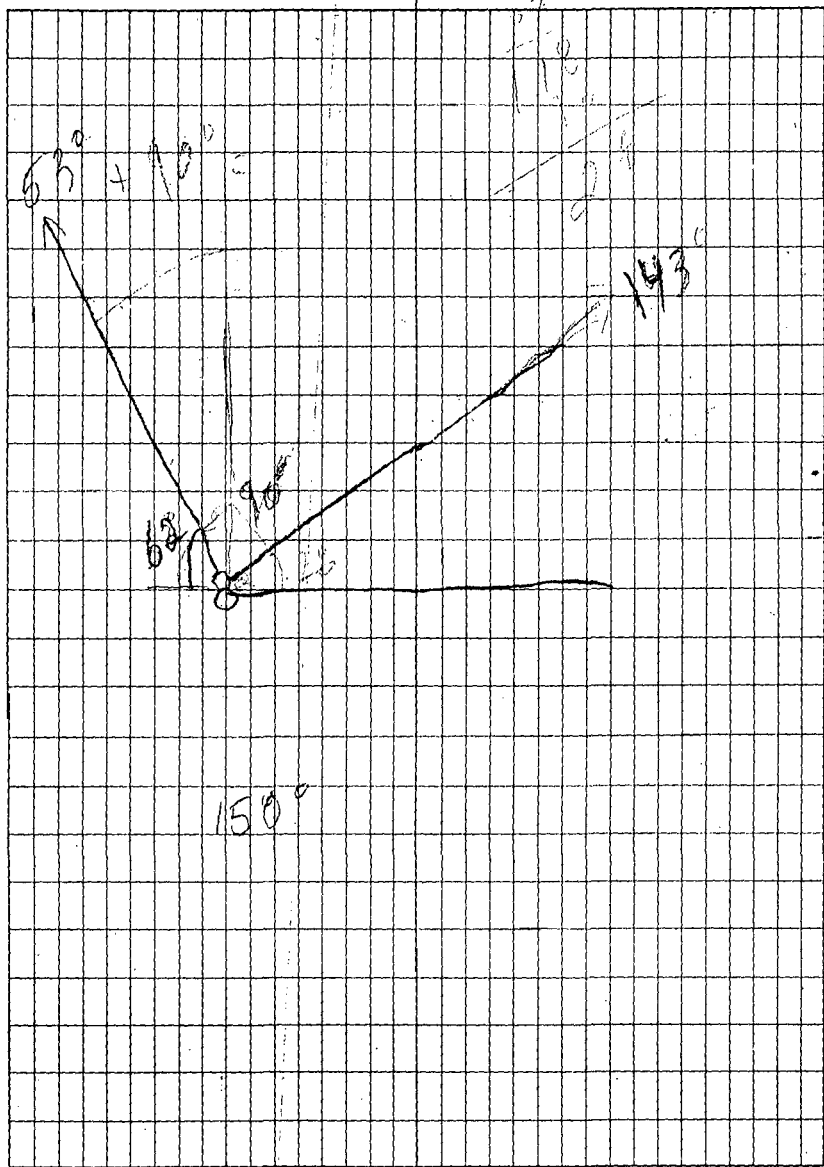


KS PER SKETCH:

~ 3m within trench boulder
w/ Cu staining massive,
Other shattered rock and
rocks w/ Cu staining
in front of boulder (see)

~ 5.6m within trench
another large boulder
w/ Cu staining

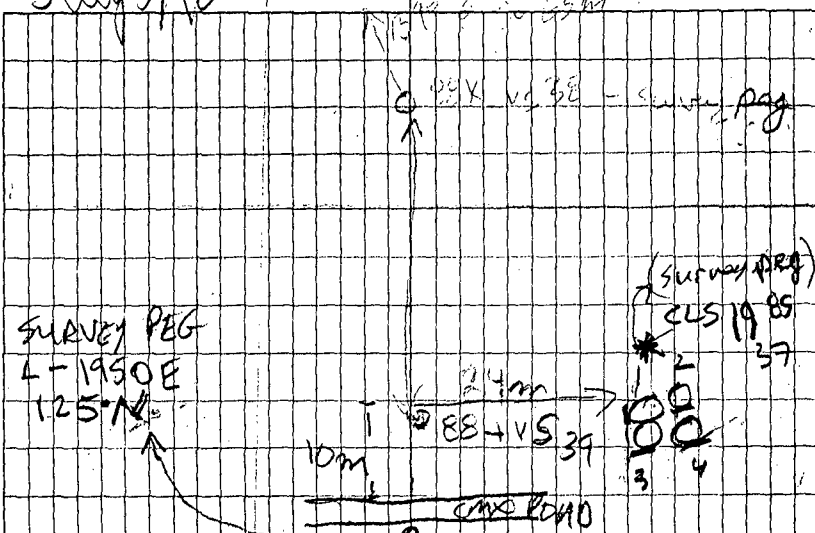
~ 15m to creek from trench
where more boulders
w/ Cu staining can
be found.



FIELD

July 3/90

End - nrc



1. Post #1 CLAIM # 89177 (TAG - weather)
2. Post #2 CLAIM # 89176
3. Post #1 CLAIM # 89178
4. Post #2 CLAIM # 89175

[CLAIM # 89176]

- [2. post] is actual tree. The other posts are loose

- TRENCH to examine Raggy rock beneath @ 135° from posts.

FIELD

- From posts to creek ≈ 228 m.

Route taken to creek noted

Running @ creek trends "228m ±"

Sample 5

shiny, sparkly
possible superduper

R.S. OX-1 - ^{possible limestone} Rusty-weathered rock

SS OX-1A - Rusty soil

Flipping tide around rocks

SS, OX-1B - heavy soil

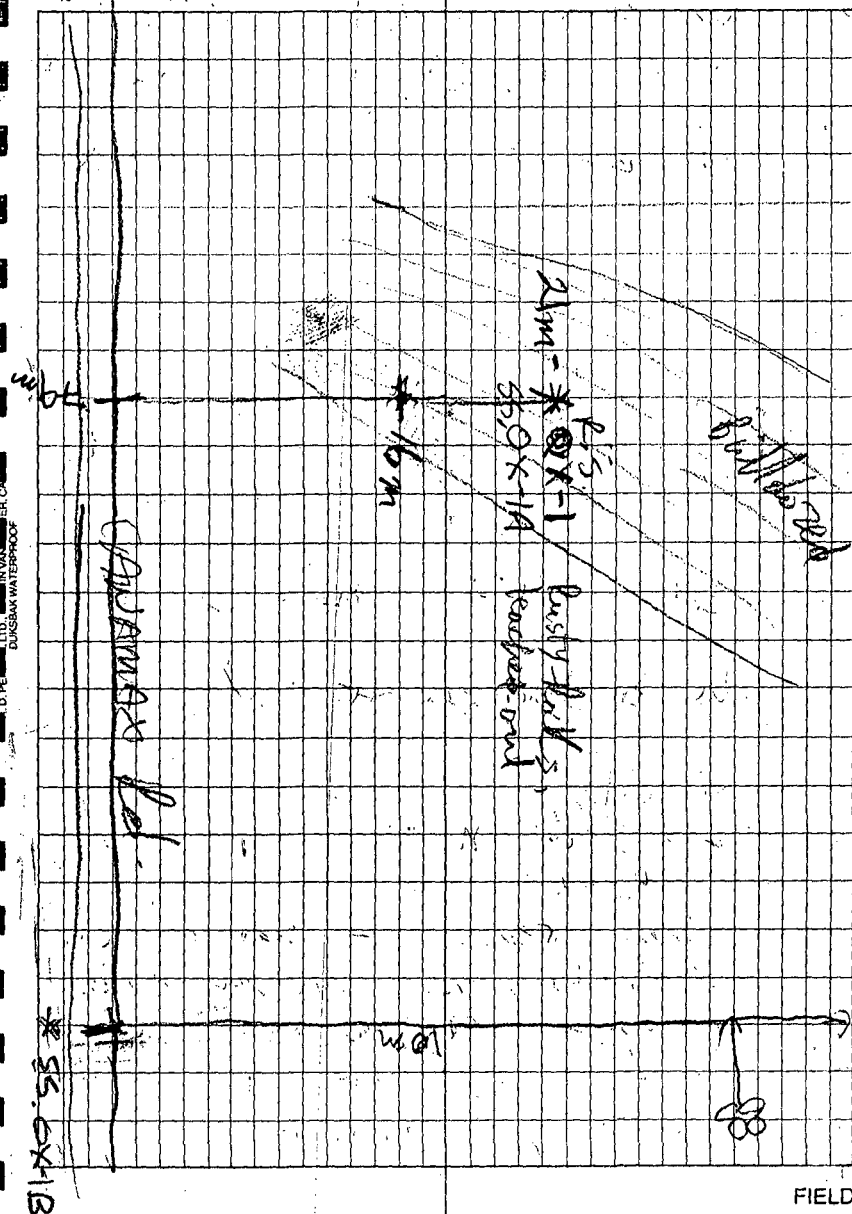
sample taken across

CMX Ltd, as shown per

Sketch on survey line
between Survey Station 1000

88K vs 39 and L-1950E 125.N

• NO Flagging placed



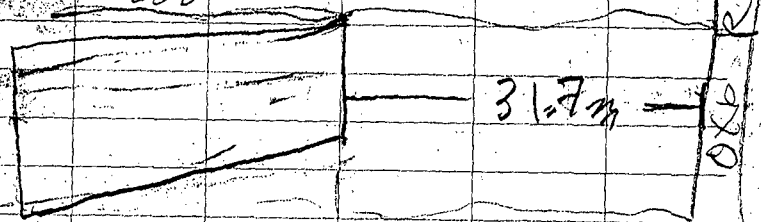
FIELD

OXO TRENCH:

- 4.7m * 4.2m * 1.5m

@ 60°

- 304° to posts previously mentioned @ 388m.



- TRENCH 31.7m off the OXO ROAD following an old bulldozed trail.

• TRENCH on left side of Road going up MTW.

• Within Trench found rocks w/ indication of mineralization of Pyrite & Pyrrhotite.

Found w/in limonite, calcite, quartz and black colored bands of minerals (SHALE?)

- 160m ~ to where parallel w/ other flugging "228m" @ creek.

$$\begin{array}{r} 228 \\ 160 \\ \hline 388 \text{ m} \end{array}$$

∴ TRENCH OXO IS ~ 388m @ 304° to posts.

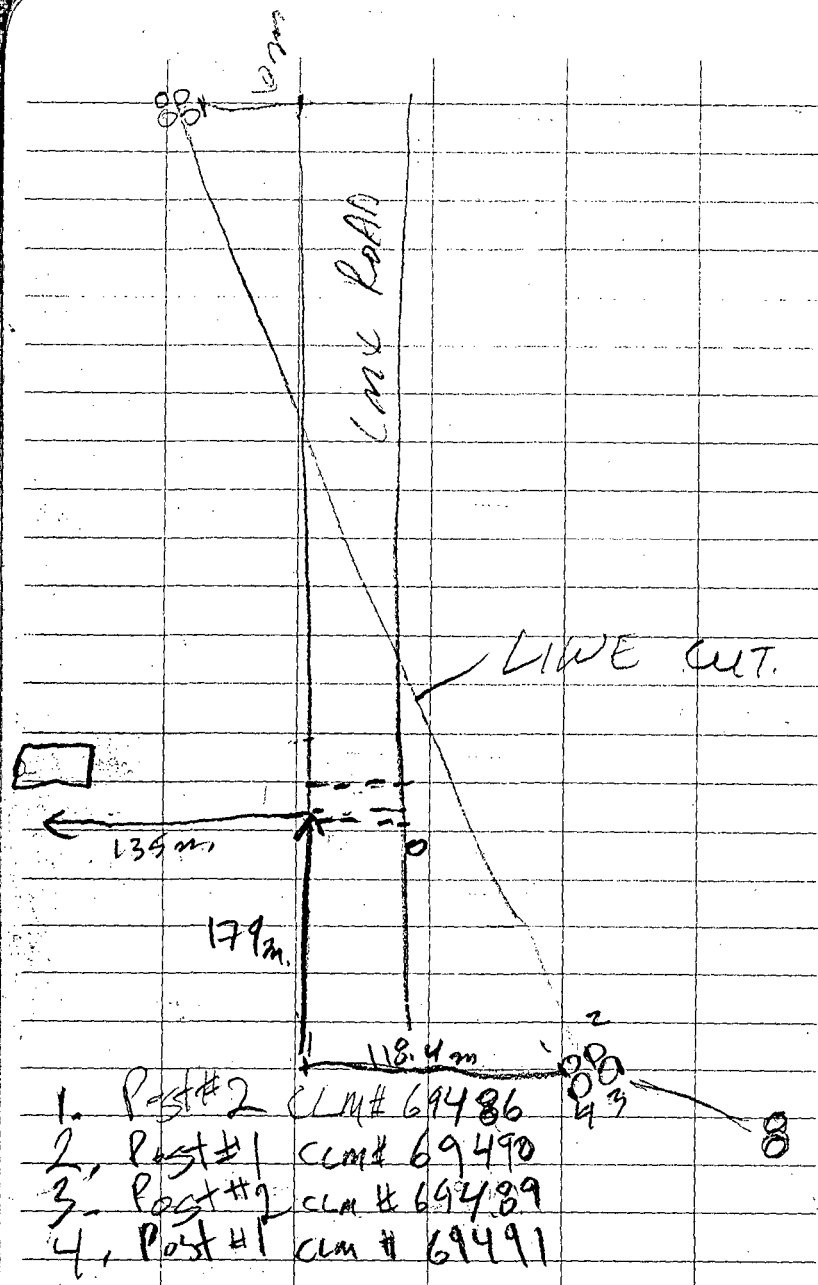
- Blasted 2nd time to increase depth of trench to 2.5m approx. (4.7m * 4.2m * 2.5m)

• Found Pyrite & Pyrrhotite w/ calcite & limonite.
SAMPLE OX-2

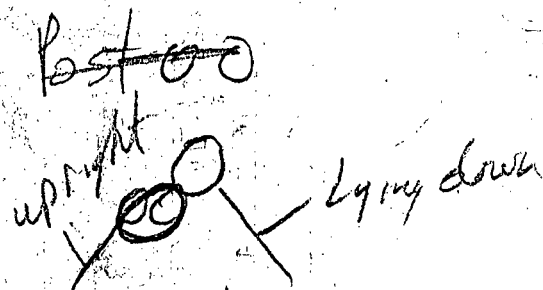
• On staining w/ Pyrite within quartz & calcite (small amount).
Sample OX-CU-2

SAMPLE OX-4
Oxidized Rock
seems to be leached out





- Posts twisted out of shape and tree fell on posts
- Posts labeled by surveyor
- 2 other posts (CMX) @ $47^\circ \approx 3m$
- I ribboned OXO posts & trail flagging to CMX ROAD $\approx 118.4m$
- To camp along ROAD CMX is $179m$ to culvert just past km post 36. Culvert just even w/ cabin
- From culvert to cabin $\approx 135m$



Post #1	Post #2
CLAIM #1	CLAIM #2
YA 551	YA 550

- RAISED up lying post
- put flapping around both posts
- photos 1-3

HANSON LAKE : RAMBLE HILL

Aug 15/90 -

- Camp located approx. 14 km down the WIND TRAIL. On claim JT 37 YA 40882
- CLAIM JT 50 YA 41345: Bottom of valley where old river bed once did flow years ago.
- Rusty to purplish rocks exposed. Slight mineralization of possibly Pyrrhotite
- approx 200m EAST of Rusty rocks blasted a hole 1' deep to 3 ft, where black ground seen.
- panned black silty ground & spotted a couple of gold specs / flakes in pan

- Rusty rocks (rounded $\Rightarrow$) NOT
IN PLACE rocks

- suspect rocks carried by river
that once flowed, but
more likely carried by a
glacier.

$\Rightarrow$ rusty rocks & silty ground
have their source from
up the valley possibly

Aug. 16/90 - Thurs.

- Blasted trench approx: 11 yd $\times$
4 yd $\times$ 3 yd on claim

ST #3 VA40541. Trench
approx 600 ft off main
road going up mtn.

- Trench blasted to
uncover suspected
ORE Anomaly below
UNDER BURDEN.

- ORE anomaly suspected
thru' geophysical (VLF, EM)
completed previously
(before 1990)

- 9 ft down in trench no
sign of ORE ANOMALY

- Traces of Limonite can
be seen

- rocks w/ pyrite &
pyrrhotite mineralization
can be seen.

- Because of much
overburden involved, the
ORE ANOMALY can possibly
be another 20 ft below.

FIELD

- Need a D-8 CAT to do some MAJOR trenching 20 to 40 ft deep to uncover ORE ANOMALY.
- possibly Backhoe needed.

Aug 17/90 -

- Irene #3 Y33745 and IRENE #4 Y33746
- AT IRENE #4: can see exploration work done
- Rusty - limonitic rocks seen around on MTN WALL
- blackish rocks (MANGANESE-WAD) contained GALENA mineralization in a massive formation

- GALENA mineralization can be traced up the MTN to Irene 3 where further trenching was done to expose this GALENA mineralization

- This IRENE VEIN or ZONE of GALENA mineralization is APPROX. :

24 ft wide and 3000 ft long

• Previous sampling has shown from:

- i) 80 oz to 125 Ag oz/t
- ii) 40% Zn
- iii) 3190 Pb
- iv) 26 oz/t Au.

- Samples STREP 1 and 2
TAKEN.

STREP #1 → from TRENCH #4

STREP #2 → from TRENCH #3

Aug 18/90

- Attempted to walk to Cobalt
HILL

• Drove 22 miles, from Hanson
Lake Camp

• Road East of Keno City

- followed an old ^{overgrown} road by foot.
Eventually came to old CAT
winter trail.

• WALKED approx 3 miles
but had to turn back

because it was ⁱⁿ 5 miles
more Cobalt hill

• We were not prepared
to stay the NIGHT

- Returned to Hanson Lake
camp: JT #37.

COBALT HILL

- Brown showing of
silver - lead?

Suspected to run:

60-80 oz/t Ag
70% Pb.

VEIN located w/in
DIORITE.