672662

CASAU I-II

22-JUNE 84

CASAU - 25 JUNE - 84

T1 - C

① - LINEAR - TRENDING 040 - GULLY

- FLOAT - WEAK FE-CARB- ALTERATION

- TINY QTZ VNLTS - 1mm - .5 cm.

- limonite - Fe OXIDE TRACE Py

- WEAK SERPENTINIZATION - W BLACK STAINING PRESENT

CHOTATIC JOINTING & FRACTURING

- N.V.M

② - WEAK TO MODERATELY ALTERED FE-CARB IN VOLCANICS

- limonite - COATING SOME QTZ/CARB VEINLETS 2-7 mm

- TRACE SERPENTINIZATION - SOME TRACE BLACK STAINING

- POSSIBLE TRACE SPHALERITE

- N.V.M - CARBONATE VNLTS.

- STRIKE 40° - INTENSELY FRX. 2 DIR. CHAOTIC

- DOMINANT JOINTING TREND 60-80° - SUBVERT TO SOUTH.

- WHITISH WEATHERING (SERICITE?) IN PATCHES

SAMPLE - 84-G.C.R-01 - QTZ VEIN .5 m. LONG 15 cm. WIDE N.V.M.

- IN FE CARB. UNIT.

- 78 - SUBVERT SOUTH

③ - Tf - UNIT - GREEN TUFF. FRAGS COMPOSING TO LAPILLI SIZE
- LENS OF Fe CARB ALT. N.V.M. QTZ-CARB VEINLETS ∠1% SOME LIMONITE ON FRX COATING
POSSIBLE LINEAR TREND 40°

④ - MORE ALTERED VOLCANIC CHLORITE/ERIOSTE
- ANOTHER GREEN ROCK ONLY HARDER & SOME RED. - PURPLISH - THIS ONE HAS SEVERAL QTZ/CALCITE VEINS
- TRACE MARCASITE - BLACK STAINING & SOME HEMATITE. N.V.M.

84 - ① - TREND 100 - 80° N.E - CALCITE IN CENTRE
- NO ALTERATION OF WALL ROCK
≈ 12 cm. WIDE - 5 M LONG

② - TREND 110 - ≈ 80° - NE
10cm WIDE - 8 m. LONG. PINCHES OUT AT ONE END OUT IN/ SMALL GULLY IN THE OTHER.

③ - 60° - 80-85° NE - SLIGHTLY OFFSET IN/ SMALL GULLY ≈ 15 M LONG 15 cm - .5 m. WIDE - SOME BLACK STAINING

④ - VEIN CUT BY NORTH TRENDING GULLY
WALL ROCK SHOWS TREMOLITE - ACTINOLITE & SERPENTINIZATION.
TREND 80 - NW ≈ 75°

26 JUNE 84 -

NORTHEAST CORNER. T_2

T_2-①-⑤ - VOLCANICS - EPIDOTE ALTERATION - MILD HEMATITIC ALTERATION SOME STRINGERS (BARREN) <1%

DOMINANT FRX. 10 - SUBVERT. - VERT

DOMINANT JOINTING - 142 - 70 NE.

T_2-6-7-8- - WEAKLY TO MODERATELY ALTERED - FE-CARB - NO V.M. SOME DISS. PY. <15% - DIS. VEINING <1% - N.V.M. - TRACE BLACK STAINING

- DOMINANT TREND / STRIKE - 20° - VERTICAL.

- JOINTING - J_1 - 140 - SUBVERT. - NoE

J_2 - 38 - 70 - N.bl.

T_2-9 - LARGE BARREN QTZ VN SAMPLED 83-410856.

T_2-16 - WEAKLY to MODERATELY ALTERED. V.F. FE-CARB. TRACE TO MINOR AMT. BLACK STAINING - N.V.M.

DOMINANT JOINTING - J_1 - 29 - VERT

J_2 - 128 - SUBVERT NE

T. 2 -11- VOLCANICS WEAKLY ALTERED IN SOME PATCHES

- BARREN QTZ VEINING TRENDING NORTH

-O/C. EXTREMELY JOINTED & FRA.

[T-2-12] - VOLCANIC - ARGILLITE O/C.

W/ INTERBEDDED CHERTY LAYER AT CONTACT

CONTACT STRIKES 30 - 85° SE

= TRACE PYRRHOTITE?

DOMINANT JOINTING - 88 - SUBVERT.

- QTZ VEINS IN VX. BARREN N.V.M. VOLCANICS

SILICIFIED NEAR CHERTY BED @ CONTACT W/

ARGILLITE.

- Qz VN.

T2 -13- VOLCANIC - N.V.M. DOMINANT JOINTING

40 - VERTICAL

- <1% QTZ. STRINGERS - (BARREN)

T2 -14. ACROSS TOP OF RIDGE PARALLELING LAKE

- V/C W/ INTERBEDDED CHERT &

SOME QTZ VN. N.V.M. - LARGE VEINS

TREND ± 40° AS DOES DOMINANT

JOINTING. SOME Fe CARB ALTERED.

FLOAT

27 JUNE 84 - T3

- SICK DAY - ½ DAY PROSPECTING TRAVERSE
- 84-G-C-R03 -
  - SILICIFIED TUFF - 5-8% pyrhotite DISS
  - SOME PY & PYRHOTITE
  - WEAK FE-CARB ALT. LARGELY AS FRX COATING
  - SOME FE-CARB ALTERED TALUS PRESENT
  - SAMPLE TAKEN FROM WALL OF MAJOR N. TRENDING LINEAR.
  - ROCK FRX - 3 DOMINANT FRX. - 32 - VERT. N.W
- 84-G-C-R04 - } INTENSELY ALTERED FLOAT & GOSSAN IN GULLY
  84 G C-501 }
  TRENDING 22° - FE-CARB.
  - GULLY COVERED IN SNOW - N.U.M.
  - SURROUNDING o/c - TUFF UNIT VARIES FROM FINE TO COARSE WITH QTZ VEINS 2-1% - PINCHING OUT.
  - ALTERED UNIT APPEARS TO HAVE BEEN BRX.

NOTE FOR T2 - JUNE 26

- RIDGE INTERBEDDED WEAKLY ALTERED UNIT. - CLEAVAGE (?) (FRX) - 24 - 52° N-E JOINT RUNS CONCORDANT & CONTACT. @ 22 VERT. TO SUBVERT.

RIDGE LARGELY INT'BD TUFF - CHERT SOME WEAKLY ALTERED ZONES.

JUNE 28TH - 1986 - T.4 - S.E LAKE

T3084-G-C.R-05 - -07519E ✓
FE-CARB ALTERED DACITE. - SILICIFIED
- LOCATED IN N-E TRENDING GULLY AT BASE OF CHLORITIC TUFF. MED. TO FINE GRAIN
- MIN. Py - Po Mn(?) Cpy ALL DISS W Py. Py > Po > Cpy > Mn
- MARKASITE PRESENT AS WELL
- BLACK STAINING.
- O/C. INENSLEY FRY. W QTZ CARB VEINS & 5cm WIDE PINCHING OUT IN ≈ 1m.
- 42 - 68 N.W. SEVERAL PARALLEL VEINS VARYING IN SIZE
- DOMINANT JOINTING
- CARB. COATING ON FRI SUF
- GULLY VEGETATED NO SIGN OF FROST HEAVE FLOAT PRESENT IS ROUNDED - GLACIAL? IN ORIGIN.

T3-84-GC T-01 - -07511E ✓ - TALUS SAMPLE FROM FE-CARB ALT ZONE - RT ROCK SHOWS BRY.
- GULLY TRENDS N E
- ALTERATION IS MODERATE TO INTENSE THRU ≈ 15m × 20m. AREA IN O/C
- DOMINANT JT. IN O/C. - 58 - 78. NW
- VX-FILLED TUFF. SOME CARB FRY - COATING.
- GULLY HAS LARGELY GLACIAL TILL. ROUNDED INTRICATE

T3-03 - MED. - FINE TUFF.
- SOME PARALLEL QT VEINS PINCHING OUT INTERMITTANTLY - INTENSLY FRY.
- MN. OR BLACK STAINING PRESENT
- IN SOME CASES TUFF SHOWS BEDDING.

T3-04 - MED TUFF - WITH SOME LAPILLI SIZE FRAGS.
- TUFFS CARRY DISS Py ∠ 1%. UBIQUITOUSLY

29. JUNE. 84. FO.

T4 (1) FINE TUFF. ± LAPILLI SIZE FRAGS.

< 05% - - py. < 1%.

- WEAK - PATCHY FE-CARB. ALTERATION ALONG JOINTING / FRX

- DOMINANT FRX - 54-60 N.W. : PARALLEL QTZ/CAL VEINS IN SOME FRX 5-10CM WIDE PINCHING OUT

- FISSILITY / CLEAVAGE - 140 - 60 - SE

84-G-C-R06 - BLACK STAINING IN CARB. VEINING (MN?). VEIN. ± 5 M. long. 10 CM. WIDE.

10° - 80 SW.

- WALL ROCK CARB ALTERED SOME SERICITIZATION

- WEATHERED SRF. ON WALL ROCK LIGHT ORANGE

T4 (2) - THINLY INTERBEDDED TUFF - FINE TO MED COARSENING UPWARD

- DOMINANT JOINT - 43-85 N.W

BEDDING - 123° - 36 NE -

T4 (3) - MED. TUFF - CARB. VNLTS. CRISS CROSSING 0/C < 01% JOINTING INTENSELY FRX.

- WEAK CARB. ALTERATION

T.4.04 - DACITE DISS. PY < 1% SOME (ABS.?).

- 84-G-CR07 - INTENSELY FE-CARB ALTERED ZONE ± 1 M. WIDE

BLACK STAINING & BRX. ZONE FOLLOWS DOMINANT JOINTING. 52-60 N.W. - WALL ROCK MODERATELY ALTERED

29 JUNE 84

075128

T404 - 84-G-C-T07 - TALUS SAMPLE
INTENSELY ALT. (FE-CARB) ZONE 3m x 2m
ALONG JOINTING
- BLACK STAINING ON Bouc.
- GULLY CONTAINS Vx - FLOAT + ALT. FLOAT
SOME QTZ VN MATERIAL.

T4.05 - DACITE - FINE TO MED TUFF - WEAK
CARB ALTERATION
- WEATHERING WHITE TO PALE ORANGE ON BLDGS
- DOMINANT JT. 50 - 65 SW - IN SOME CASES
QTZ STRINGERS IN JTING - DISCONTINUOUS.

075130

T4-06 - MED. to COARSE TUFF ↓ Pi DISS - 15%.
MN - PRESENT AS BLACK STAINS
- QTZ/CAL VN - 10 CM WIDE DINCHING OUT IN
≈ .5 METRE - 72 - VERT.
- INTERMITTANT QTZ/CAL VNS

T4-07 - MED-CRSE VOLCANIX - QTZ VN'Ms - DISCONTINUOUS
- SPH - PY - MN - LIMONITE
- WEATHERING GREENISH ORANGE - WEAK ALTERATION
DOMINANT JOINTING 43 - VERT - SOMETIMES HAS QTZ-
CAL. FILLING - COATING ON FRX AS WELL

T4-08 - MED GRAINED TUFF ↓ SOME Pi -
WEAK ALTERATION

T4-09 - QTZ. CARB VN. IN MED GRAINED TUFF
VOLCANIC - BLACK STAINING - PINCHES OUT 83°-15°
- 84-G-C-R-08 - WEAK ALTERATION - CARB. CHLORITIC
- DISCONTINUOUS QTZ - VNS - BARREN -!

30 - JUNE 84 - BLIZZARD BLOWING SNO
"Life's a bitch ... and then you die!"

IT5-01: - MED - CRSE TUFF.
CHLORITIC & CARB. ALTERED SOME
HEMATITIC STAINING
- FRX ARE SERPENTINIZED
- FRX W NO DOMINANT PATTERN
- SOME CALCITE BLEBS & DISCONTINUOUS
VEINING. - No P.O.!

IT5 02 - O/C AREAS - - CRSE TUFF. -
W WEAK ALTERATION (CARB.) - SOME MN
STAINING - SOME CARB VNLTS & PODS TRACE MNTS.
- SOME DISCONTINUOUS QTZ. VNS. ≈ 48 - VERT
- N.V.M. - ~ <1% VOL.
- CALCITE-BEARINGTE POD 10 cm x 25 cm. N.V.M
- TUFF BEARS LAPILLI SIZE MAFIC FRAGS.
IN SOME AREAS NO P.O TO FRAGS.
V.V.

IT503 - ALTERATION-ZONE FE-CARB R, <5%
MODERATELY TO INTENSLY ALTERED-VOLCANIC.
ZONE 5 m x 10m. - ZONE 2 2 m x 5 m.
- SOME BRX'd FLOAT. - MN STAINING & QTZ
- ZONE FOLLOWS FRX OR CONTACT W DK. UNIT
10M WIDE - CHLORITE-ACBITE ALTERATION AROUND
GG - G2 SG - DK UNIT SERPENTINIZED TF. ZONE

T504 - 37 - VERT DOMINANT JT. MEASUREMENT
- MED TUFF. WEAK CARB ALT.

JUNE 30 - 84

T504 - WEATHER LIGHT GREY / GREEN W/ ORANGE

T505 - MORE CHLORITIC. FINE TO MED. TUFF W/ CARB - FE ALTERATION W3&4.
- CALCITE BLEBS PRESENT & PERVASIVE THRU TUFF CREATING A 'BUBBLY' UNEVEN WEATHER SRFC.
- ALTERATION IN N.E TRENDING GULLY - COVERED BY SNOW - FROST HEAVE IN GULLY SHOWS SOME INTENSLY ALTERED BRX FLOAT.

T506 - 2 PARALLEL QTZ VNS IN TUFF - 80 - 70 NE DISCONTINUOUS - 10 cm WIDE & 30 cm. LONG

JULY 1ST - 1984 - STILL WINDY & COLD BRR-R-R —

T-6-01 - CRSE TUFF - DISCONTINUOUS QTZ-VN. 5% - VERT. FRX FILLING - BARREN - ≈10cm WIDE 20cm LONG - CHLORITIZATION - SOME SERICITE (WHITISH COATING) ON FRX. - MINOR IRON - SOME DISS PY - <1% OV

T-6-02 - MED. TUFF - 40° SUB VERT DOMINANT FRX - SOME FRX HAVE DISCONTINUOUS QTZ VN < 5% - - VNS BARREN - WALLROCK SHOWS SERPENTIZATION PRESENT IN TRACE TO MINOR AMTS - WEAK CARB-FE ALTERATION IN PATCHES - SOME WHITISH WEATHERING IN FRX (SERICITE?)

T-6-03 - GULLY - SNOW COVERED ALTERATION FLOAT - FROST HEAVE & ALTERED PIECES

T-6-04 - DOMINANT FRX 42° - VERT. 85 N.W. - MED. TUFF - CHLORITIC & SOME CARB.

T-6-05 - MED TUFF - SOME CALCITE & EPIDOTE COATING FRX SRF - DOMINANT FRX 24° - SUB VERT S15

T6-06 - MED TUFF

- 20-78 N.W. DOMINANT FRX. - CALCITE. ALTERATION & BIOTITOUS.

T6-07 - MED TUFF - CAL ALTERATION

- BARREN QT VNS. 42-30 N.W.

- TRACE MN-

T608 - MED TUFF.

- LRG QTZ/CAL VN 48-70 SE. - QTZ-CAL. TUFF. CALCITE ALTERATION SOME SERP ON FRX. SRF. TRACE PYTS.

- INTENSLEY FRX.

T609 - MED. TUFF W FE-CARB ALT. ZONE .5 m. WIDE 2 m. HIGH - SMALL CARB. STRINGERS INTENSLEY ALT. W SOME BLACK COATING.

- SERP. ON ROCK FRX SRF. ADJACENT TO ALT. ZONE

- ZONE FOLLOWS FRX. PATTERN.

- [illegible] PO PRESENT <5% - WEATHERED RUSTY TUFF FE OXIDE STAINING - IN SOME CASES PO COMPLETELY WEATHERED OUT LEAVING ONLY 'RED' BLOTCH.

T610 - SMALL ALT. ZONE FE-CARB. 1m x 30 cm. - INTENSLEY ALT. - 42-VERT.

- LARGE QTZ VN. 25 cm. WIDE PINCHING OUT IN .8 m.

- 58-VERT

T611 - MED TUFF - W SMALL FE. CARB ALT. BLEB 2 15 cm x 25 m W Carb VN/Vs. 2 5cm. cuts cross ALTERATION ZONE 07 7/5E

- Py > cpy - PISS 2 <5% - MODERATELY ALTERED TUFF

- TUFF IS CHLORITIC W PERVASIVE CALCITE GIVING BUBBLY WEATHERING.

- SOME STRIATIONS VISIBLE ON O/C.

07 516 B

Tc 12 - Silicified Volcanic / Chert

w Mn py. cpy (stib?)

- weather whitish orange

Qtz - stringers & vns. - vns

are vuggy. ≥ 5 - 10cm wide

run along sub a/crop. - 130-60 NE

- 84-G-C-10-075

2-July-84 - COLD ICY WINDS BLOWING !!! — CONTINUALLY.

T7-01 - 075146 84-G-C-11 - FE-CARB MODERATELY ALTERED MED. TUFF - SILICIFIED W QTZ-VEINLETS ≈ 1-3m CRISS CROSSING & INFILLING FRX. PLANES. - BLACK STAINING & SERP. VISIBLE - WALL ROCK. - O/C. MED TUFF - MN - & Fe-OXIDE WEATHERING Rim

20-57 SE - (FISSILITY or CLEAVAGE) 132-68 SW-FT. 48-70 N-W-FT.

T7-02 - 075136 84-G-C-12 - BOULDER - FE CARB. W QTZ. VEINING DISS Py-15% - Py > Po - Po PRESENT TRACE AMTS - MN. STAINING. Fe-OXIDES.

T7-03 - FE CARB ALTERED WITH LARGE PISSEMT. BARREN QTZ. VNS ≈ 54-VERT -

T704 - FE CARB ALTERED INTENSLY VOLCANIC - SERP. ON FRX. SRF. - 84-G-C-T-01 - EXTREMELY FRX. AD-VERT. - 160-78-NE - 72-22-NS FILLED W CALC. - DISSEM - CALCITE VNLTS ON SOME CASES 075140

17-05 - MODERATELY ALT FE-CARB VN
- 184-58 SW 22-68 NE - 24-44 N/C
- GULLY - HAS SNOW. ALTERATION STRONGER ALONG EDGE OF GULLY

1706 STRONGLY ALT VN- FE-CARB - SOME LRG. BARREN OIS. QTZ VNS - HIGHLY FRY.
- BARREN - VNS - SOME BLK. STAINING SOME MINOR - MN.

3 July 84 - TB

T8-01 - Weakly Altered Vx - Fe. carb. largely Carb./Calcite
-162-72-NE 38-48-NW

T802 - Meo Tuff - weak Carb. Alt. some Albite & Hematitic Alteration - Qtz veining - Silicified Vx. W Rj-Cpy 84-G-C-R12. 07517E VN. varys in width & cross crosses o/c - continues across Gully - not visible in Gully

T8-03 - Moderately Alt Vx. - Fe-Carb. Trace Py - some Hem. weathering & Fe oxides (yellows.)
162-68°-SW - 60-85°-N.E - (in some case with Qtz filling Frx) 10-30° SE - Qtz/Cal. VN

TB04 - Fe Carb. Alt Zone - Extremely Alt Vx some Trace Cpy - Po - Stibnite(?)
- Py 10%.
- sample 84-G-C-13. 07518E Qtz. - 62 - Zone Py. Black staining. Qtz follows strike of Alt. Zone - VN 5-10 cm wide 15 m. long

[1805] MED TUFF - CARB ALTERED - QTZ/CAC. INFILLING IN FRX.
- SERPENTINE ON FRX.
- 78 ~~-85~~ NE - 180 - 30 SW (FOLIATION)

[1806] - TUFF - MED - CHLORITIC.
- ZONES OF WEAK Fe-Carb alt.
- JOINTS INFILLED W QTZ - QTZ/CALC. ON FRX SRF
- 18-60 NW · 32 - 75 S W

[1807] - MED TUFF - LAPILLI SIZE FRAGS.
- ~~MED~~ WEAK CARB ALT
80-86 NW 154-60 · SW

4. JULY .. 84 .. SUNNY :@

T9.

~~07570E~~

T901 - MED TUFF. WEAKLY ALTERED FE-CARB. . DISS. P_y ≤ P_o P_y ≥ P_o

TRACE Mn. EPIDOTE CHLORITE

- BLACK GREASY COATING ON FRX. (SEEP?)

- SLICKENSIDES?)

FOLIATION - 138 - 40 - NE 28 - 22 NE.

170 - 20 SE

T902 - SILICIFIED ZONE 10m x 5m WITHIN VOLCANIC CHIP SAMPLE. - 07520E

- SOME STRINGERS P_y - P_o .

- FLOAT - WEAKLY SILICIFIED VOLCANIC. QTZ CARB VN. 2 cm WIDE ω P_o - St. ε (ARSENOPY?) .

T903 - SILICIFIED ZONE ω QTZ VN

- P_o < 5%. SOME TRACE P_y

- ZONE ≈ 5 m x 3 m. DISCONTINUOUS & PATCHY.

- 07521E

- MINERALIZATION PINT IMPRESSIVE BUT WHO NOSE?! - SOME FE OXIDE STAINING ω HEMATITE

T904 - MED TUFF - SOME SILICIFIED
PODS 6 1 m² - QTZ VN DISCONTINUOUS.
2cm - 5cm - WALL ROCK SERPENTINIZED
- SILICIFIED UNIT HAS QTZ STOCKWORKIN - & QTZ
INFILLING CLEAVAGE PLANES INTERBEDDED SILICIFIED
TUFF & QTZ. VNLTS
-QS ON FRX SRF
- TUFF VARIES IN DEGREE OF CHLORITIZATION
- SOME MINOR EPIDOTE
-MN STAINING.
- CLEAVAGE/BEDDING 153 - 20 NE T904 - 85 - 5E 42-28-NG

T905 - 07522E - SILICIFIED VN W VUGGY
QTZ VNS & MN STAINING - SOME DISS.
METALLIC MINERAL
- FLOAT FOUND IN N/E TRENDING GULLY - O/C
COVERED IN SOILS
- O/C ON EITHER SIDE HAS EPIDOTE - MN STAINING
& SERPENTINE ON FRX SRF

T906 - MEGA QTZ/CALCITE VNS FILL FRX
- BARREN N.V.M. SOME ~~SILA~~ PODS OF Fe CARB
ALT WEAK - SOME SILICIFICATION - BUT NO.
1 - - - - - 9 - MINERALIZATION !!!
- SERPENTINE ON FRX SRF.

T907 - Fe CARB ALTERATION - SMALL ZONE
OF MODERATE ALTERATION. SOME Py - <10%
& DISS METALLIC MINERAL
- ALSO ~~EXHALITES~~ IS SILICIFIED
- SOME BLACK STAINING.

T10 - PROSPECTING 5 END OF CLAIMS

T10-01 - 07524E 25S - PHYLLITE - RUSTED TRIB GULLY - GULLY CONTAINS QTZ VN MATERIAL - SIDES OF GULLY SILICIFIED & FE OXIDE STAINS

Gully, 42 - 38 SW.
- QTZ VN DISAPPEARS INTO GULLY TRACED MATERIAL FOR 15 m UP GULL - 5 m WIDE
- FE OXIDES - LIMONITE P_1 - C_{PY} - (RES.?)
- QTZ - SILICIFICATION & RUSTING OF PHYLLITE ADJACENT TO GULLY

T10-02 - QTZ VN IN PHYLLITE 07526E
- P_1 - ΣP_0 > C_{PY} - 07526E
- VN 5cm WIDE RUNS ALONG CLEAVAGE PLANE OF PHYLLITE → GOES BELOW SURF. IN ≈ 15 cm
- FE OXIDE STAINING PLUS LIMONITE

T10-03 - 07527E VN IN PHYLLITE IN ROCK ABOVE TALUS - MATERIAL PROXIMAL TO SILICIFIED ZONE / CARB ALTERATION MODERATE IN PHYLLITE UNIT.
- GALENA / BR_3 - C_{PY} - P_1
- LIMONITE - FE OXIDES WHITE P_{b_6} STAINS FOR CLEAVAGE/FISSILITY P_{01} - 120-65 NE - 40-78 NW 88-38 (QTZ VN)

T. 11. 7. July 84.
No E. EARL 1

T11-1 . 07528E- Alt. volcanic. ō
Py > Cpy ē weak silicification)
ō Black staining
- o/c. med. tuff- Epidote ē chlorite
Black staining.
- Alt Fe-Carb zone ≈ 5 m.
weak to intense Alt.

T11-2. 07529E - Sil. volcanic unit.
5m x 2m. Mn. Py - ō Fe oxide
Rust ē limonite
- Black vuggy vnlts - cutting unit.

med.
T11-3- Tuff- Epidote chlorite- lrg Qtz vn
Barren - 42° - vert
- weakly Fe-Carb Alt.

T11-04. Qtz. Carb vn- in tuff- weakly Alt
Fe Carb - N.v.m
: N.E trending gully which intersects
with another S.W. gully - full of small
largely talus from o/c same till -

T11 05 - Fe CARB ALT ZONE SOME MN
SOME SERP.
- ALT WEAK
- ROCKS CALCAREOUS

TA06 - Fe CARB ALT TALUS - SAMPLED
LAST YEAR
- SERP - SOME STRINGERS
- B.51-52 - SERIES

T11-07 - CALCAREOUS TUFF - LARGE PERCENTAGE OF CALCITE PRESENT. - UNIT STRIKES 52° - VERY IS EXTREMELY FRX & WEATHERED DUE TO H. CARBONATE CONTENT
- 25 m long - 5 m WIDE
- CA RX 3 ??? - 25k Audrey.

T11-08 - - O/C of BARREN QTZ / Vx
BRx - 5m x 2m - N.V.M.
- Vx serpentine SOME MN STAINING
- EPIDOTE ALT. IN Vx

July 8 - T12

T-12 - 07530E - FE CARB ALT VOLC. W QTZ VNLTS. ≈ 3mm - MN STAINING - MINOR Py.

T12-2 - SILICIFIED Vx W MN MARBLING & QTZ STRINGERS - SOME BLACK VUGGY VNLTS ≤ 1mm.

T12-3 - SIL. O/C. 2m x 1m TUFF SILICIFIED.

T12-4 - SIL. VOLCANIC WITH MN-Py VNLTS - Py - CRSE & WEATHERED - WELL DEVELOPED CUBES IN SOME CASES - SOME GREEN STAINING - (CHLORITE? MARIPOSITE?)

T-12-5 SERPENTINE - ALT VOL W QTZ/CALCITE STRINGERS

T-12-6 SMALL O/C OF SERPENTINE(?). SOME MORE CALCAREOUS ∴ MORE BRITTLE & FISSILE

T12-7 SST or Slst. or SILTST - Lay. emt MICAS - Fldspars & QTZ. FINE GRAINED

JULY 8 '84 - T12

T-12-8 - FE-CARB ALT TUFF
- SILICIFIED W QTZ STRINGERS
- PY & CPY - MN. SOME FE OXIDES.
- 07532E

9-July-84 - T13 - Dalton Dome

T13-1

- Prospected Dalton Dome -
- Qtzite - ~~cgl~~ interbedded w. Phyllite (Dk. unit w ~~slaty cle~~ Fissility (Cleavage).
- Qtz vns - Run concordant w planes of Fissility - Pinch out at SRPC.
- Qtz vns - exposed in weathered gullys - usually @ contact w Qtzite unit/pod.
- Mineralogy largely Py w Trace to Minor Cpy & Gal & possible Arsenic.
- Py ubiquitous in Phyllite unit.
- Overall weathering Fe oxides & yellow-green oxide - possibly Arsenic.

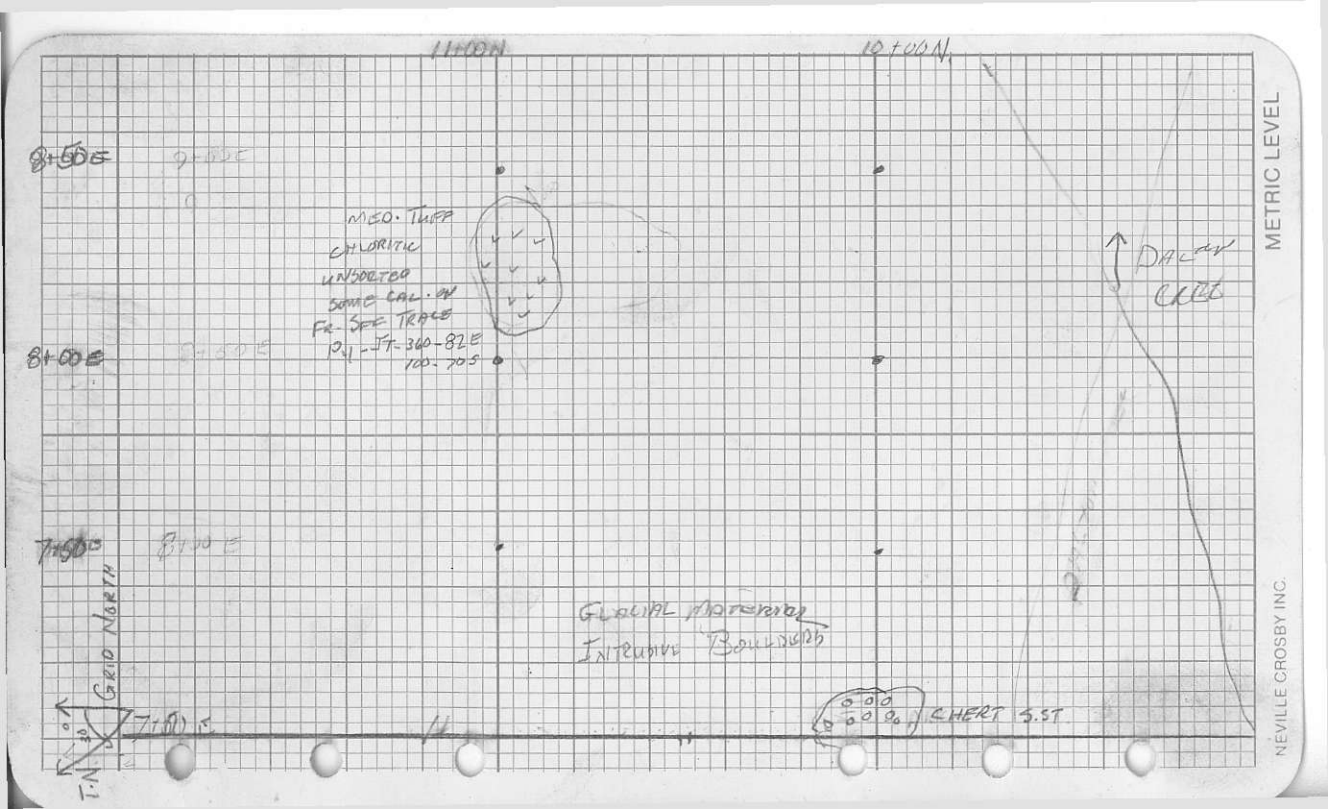
10 - July 84

- Mapping 1" - 2000' - Grid on Eagle I.

- 10+00N - 11+00N

- 7+50 E - Baseline

12.52 m



METRIC LEVEL

NEVILLE CROSBY INC.

11+00N

16+00N

10+50E

10+00E

9+50E

9+00E

OPEN JNT
BARREN - NVM
FROST HEAVE
MATERIAL
LARGELY UX

WEAK ALTERED
VOLCANIC.

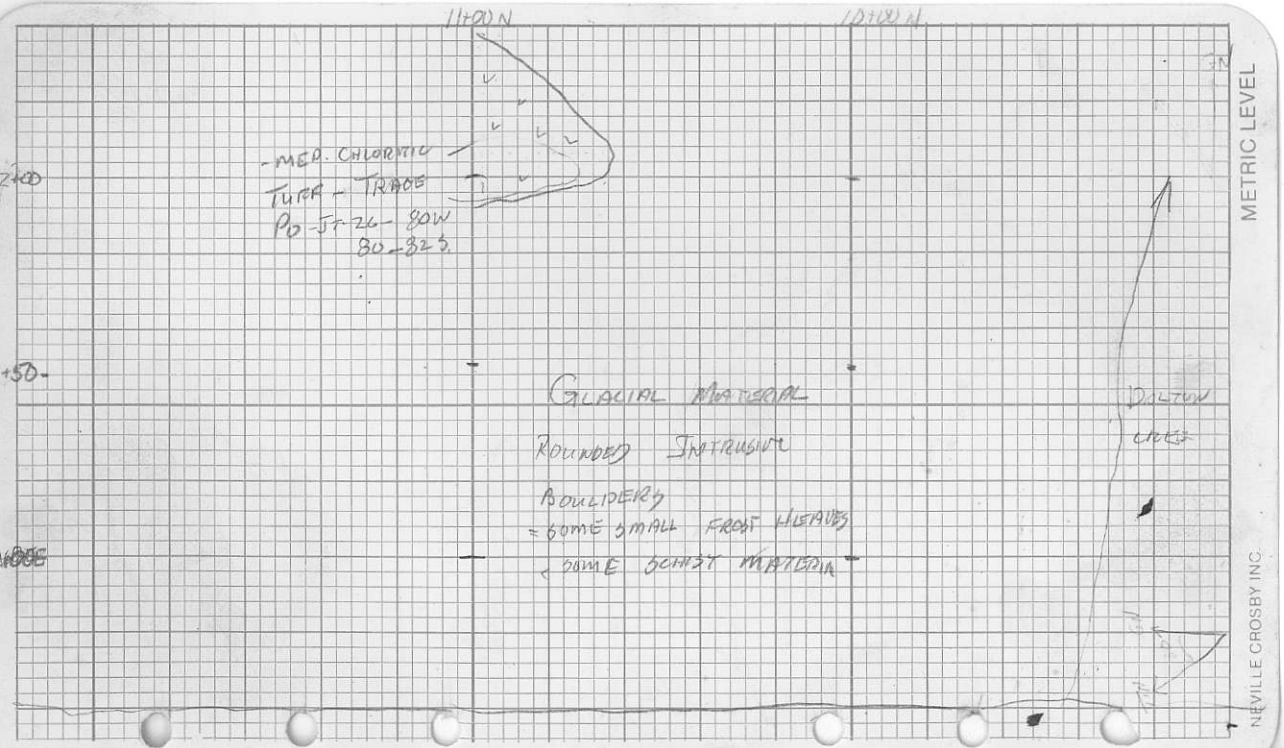
FROST HEAVE

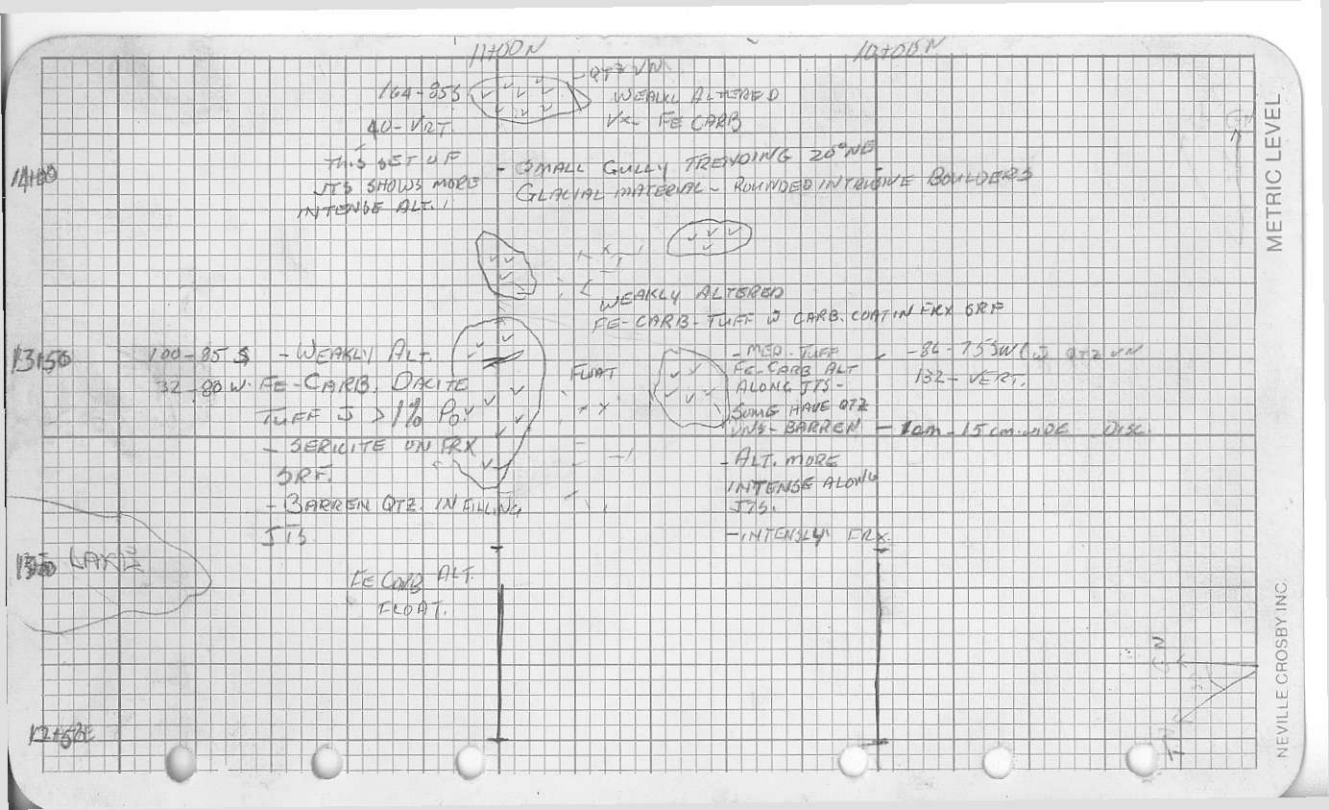
MATERIAL IN CRK
BED. ALTERED
UX - WEAK.

GLACIAL MATERIAL
ROUNDED BOULDERS
OF INTRUSIVE

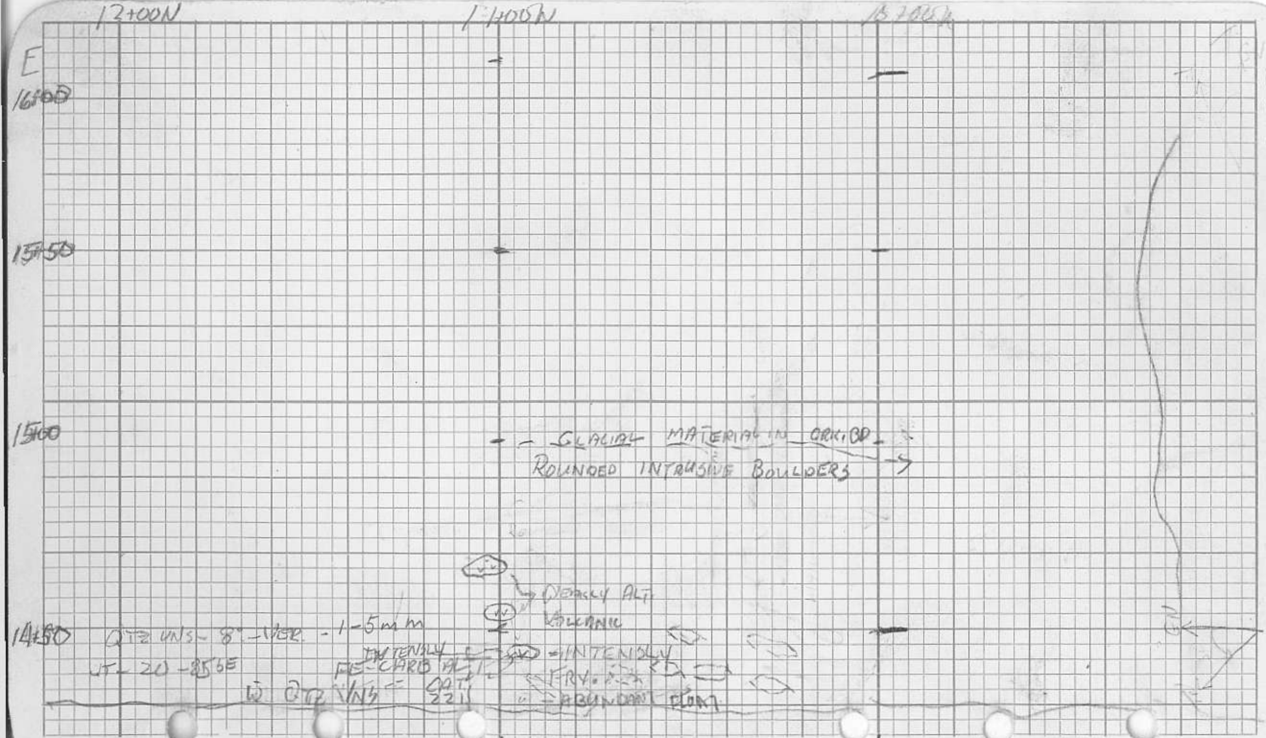
METRIC LEVEL

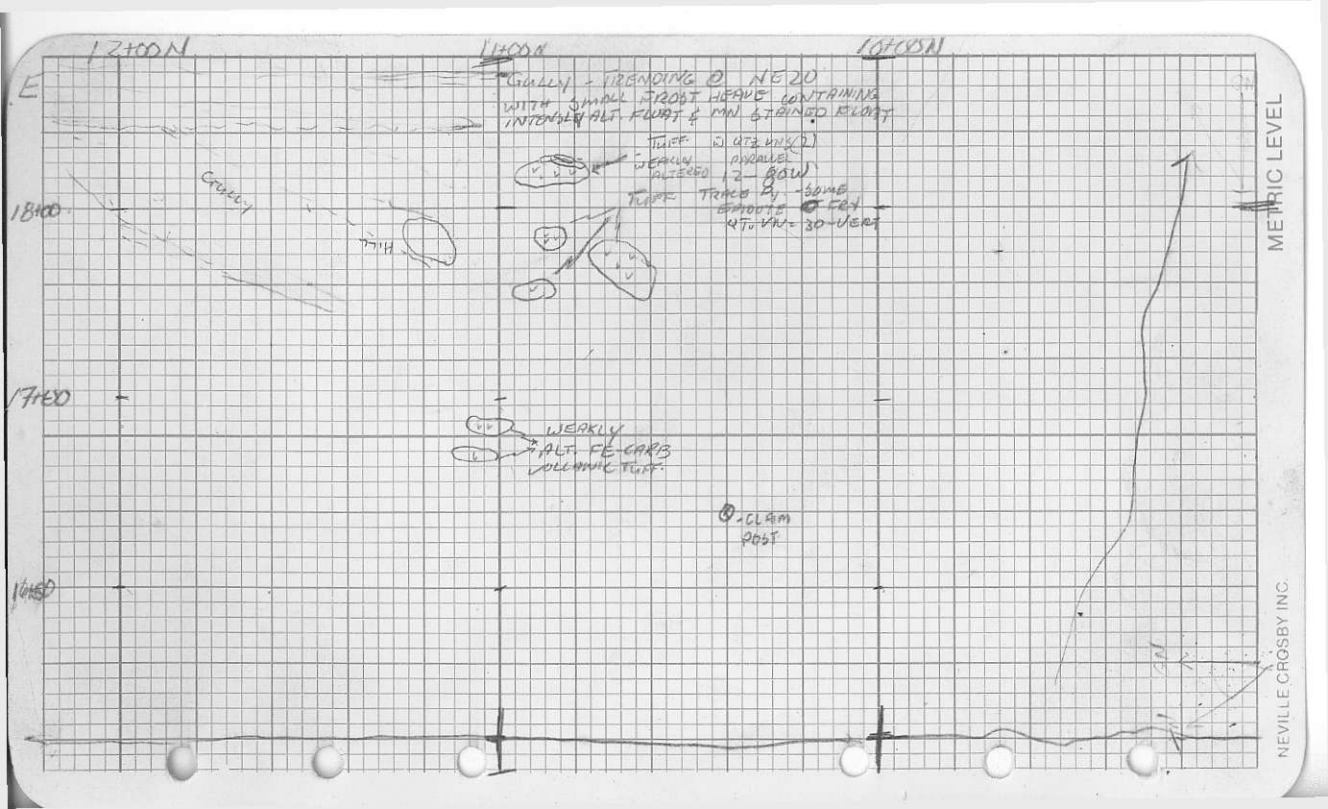
NEVILLE CROSBY INC.


11+00 N
10+00 N
12+00
11+50
11+00
- MED. CHLORITIC TUFF - TRACE
PD - FT 26 - SOW
80 - 825
GLACIAL MATERIAL
ROUNDED INTRUSIVE BOULDERS
= SOME SMALL FROST HEAVES
= SOME SCHIST MATERIAL
DALTON LINES
METRIC LEVEL
NEVILLE CROSBY INC.


11700N
10700N
14100
13150
13100
12150
METRIC LEVEL
NEVILLE CROSBY INC.
LAKE
FLOAT
WEAKLY ALTERED Fe CARB
SMALL GULLY TRENDING 20° NE
GLACIAL MATERIAL - ROUNDED INTRUSIVE BOULDERS
WEAKLY ALTERED Fe-CARB-TUFF W CARB. COATING FRX GRP
- WEAKLY ALT.
- Fe-CARB. DACITE TUFF 5 > 1% PO
- SERICITE ON FRX SRF.
- BARREN QTZ INFILLING FRX
- MED. TUFF Fe-CARB ALT ALONG JTS - SOME HAVE QTZ VNS - BARREN
- ALT. MORE INTENSE ALONG JTS.
- INTENSELY FRX.
1m - 1.5m WIDE DISC.
Fe CARB ALT FLOAT.

LOOK FOR. 967803 - -80-300
BT-224 40T610




12400N
14000N
16000N
E
18000
17000
16000
GULLY - TRENDING @ NE20
WITH SMALL FROST HEAVE CONTAINING
INTENSELY ALT. FLOAT & MN. STRINGED FLOAT
TUFF
WEAKLY ALTERED
W QTZ VNX(?)
PARALLEL
12 - BOW
TUFF
TRACE OF - SOME
BROWN @ FRX
QTZ VN - 30-VERT
GULLY
HILL
WEAKLY
ALT. FE-CARB
VOLCANIC TUFF
CLAIM
POST
METRIC LEVEL
NEVILLE CROSBY INC.

GULLY - S.E ≈ 120° - WITH SMALL STREAM

II-1950 E → ≈ 22H00 E

14+00 N - W/ ROUNDED INTRUSIVE BOULDERS AND GLACIAL MATERIAL. @ SMALL SNOW PATCH

- A HILL CUTS IT OFF AT. 18+00 E.
- O/C TO NORTH UNALTERED. O/C TO SOUTH EXTREMELY ALTERED & QTZ VNS & SILICIFICATION + FE CARB.

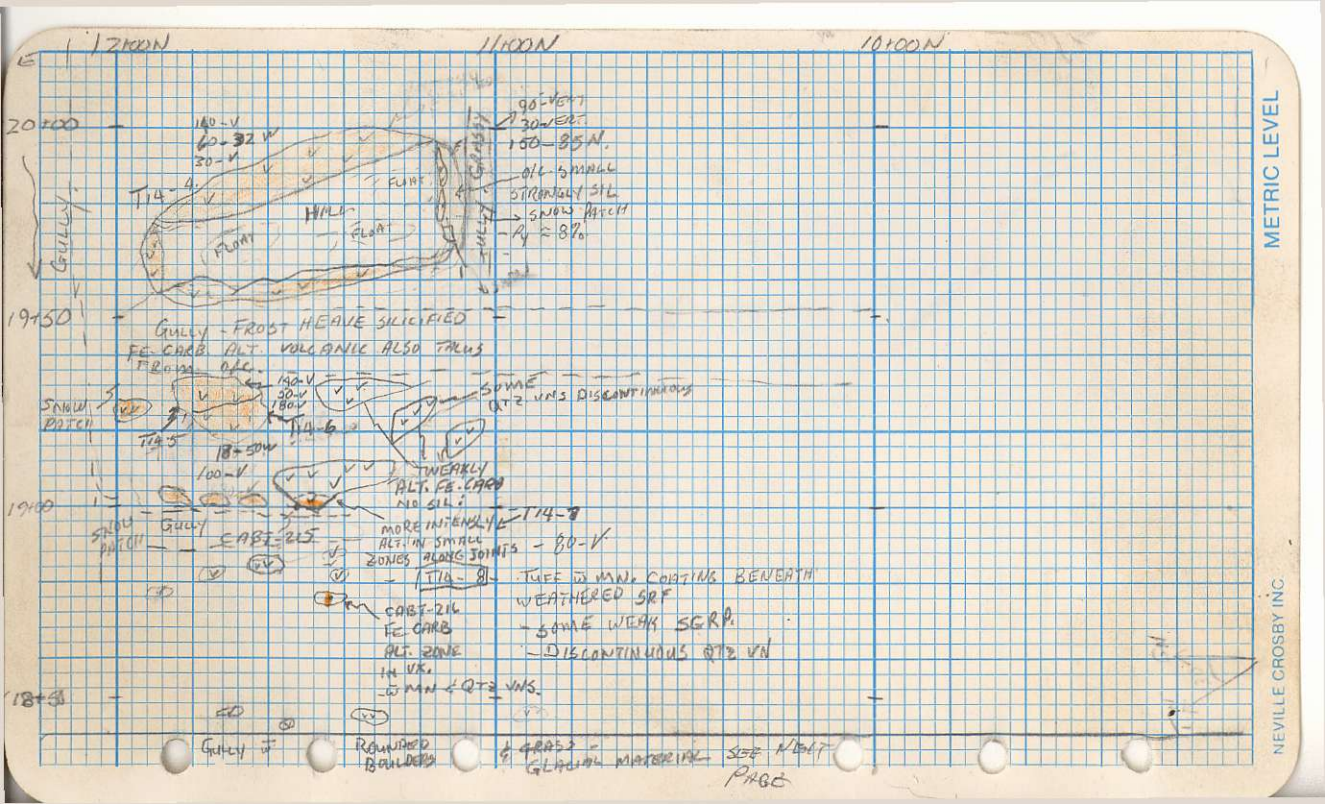
T14-4 - LARGE HILL - FE-CARB ALTERED Vx. WITH QTZ VNS AND SILICIFICATION

- MNR. Py. VISIBLE IN SILICIFIED UNIT
= LIMONITE (ORANGE-YELLOW POWDER) ON FRX SRFC.
- MN VALTS - & STAINING ON ROCK. MN THROUT ROCK
- QTZ STAINED BLACK
- ROCK INTENSLY FRX - LRG. TALUS SLOPE ON N.W SIDE OF HILL
- O/C WEATHERS FLESH PINK DUE TO SILICIFICATION
- ANGULAR FRX PATTERN - FRX SRF COATED W ORANGE/YELLOW POWDER! FE OXIDE!

T14-5 - MORE INTENSLY ALT. SAME AS T14-4.

T14-6 - NOT SILICIFIED CONTACT TRENDS 20° MODERATELY ALT. - MN. STAINING THIN IN LAMINATION & 3 MM. MOST BELOW WEATHERED SRF.
-UNIT MORE MASSIVE. THE SILICIFIED UNIT

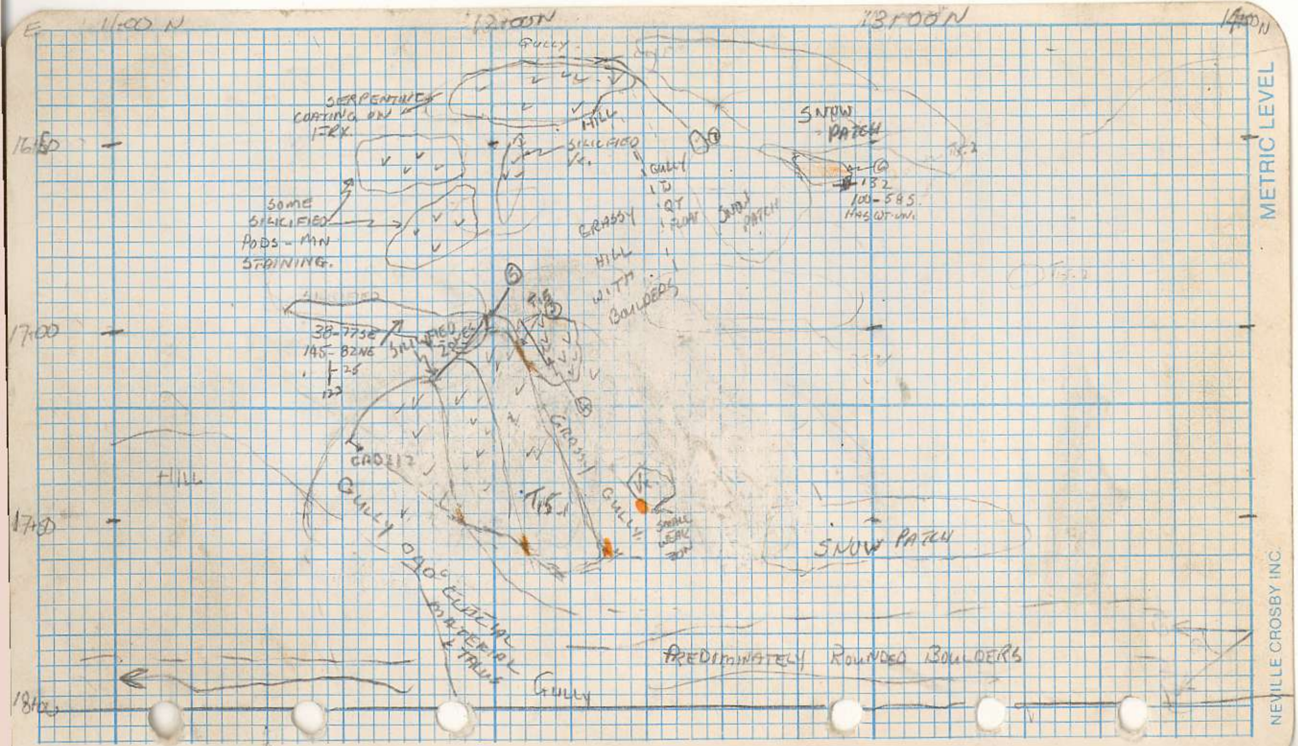
T-14-7 - SEE →



METRIC LEVEL

NEVILLE CROSBY INC

T-19-7 - More Intensely Alt. Zones
Along Its Trending OBO-V.
- Black Staining on Fir Srf
E. Wall Rock Carb. Alt w. Serp. "Marbling"
Fe-oxide coating
- Trace Py Assoc. w Serp.
- Gully has Rounded Glacial Material
in it



IT-157

(7) - SILICIFIED RUSTED UNIT. DISAPPEARS INTO SMALL PATCH IN GULLY

(8) - VOLCANIC W EPIDOTE ALTERATION SOME SERP.

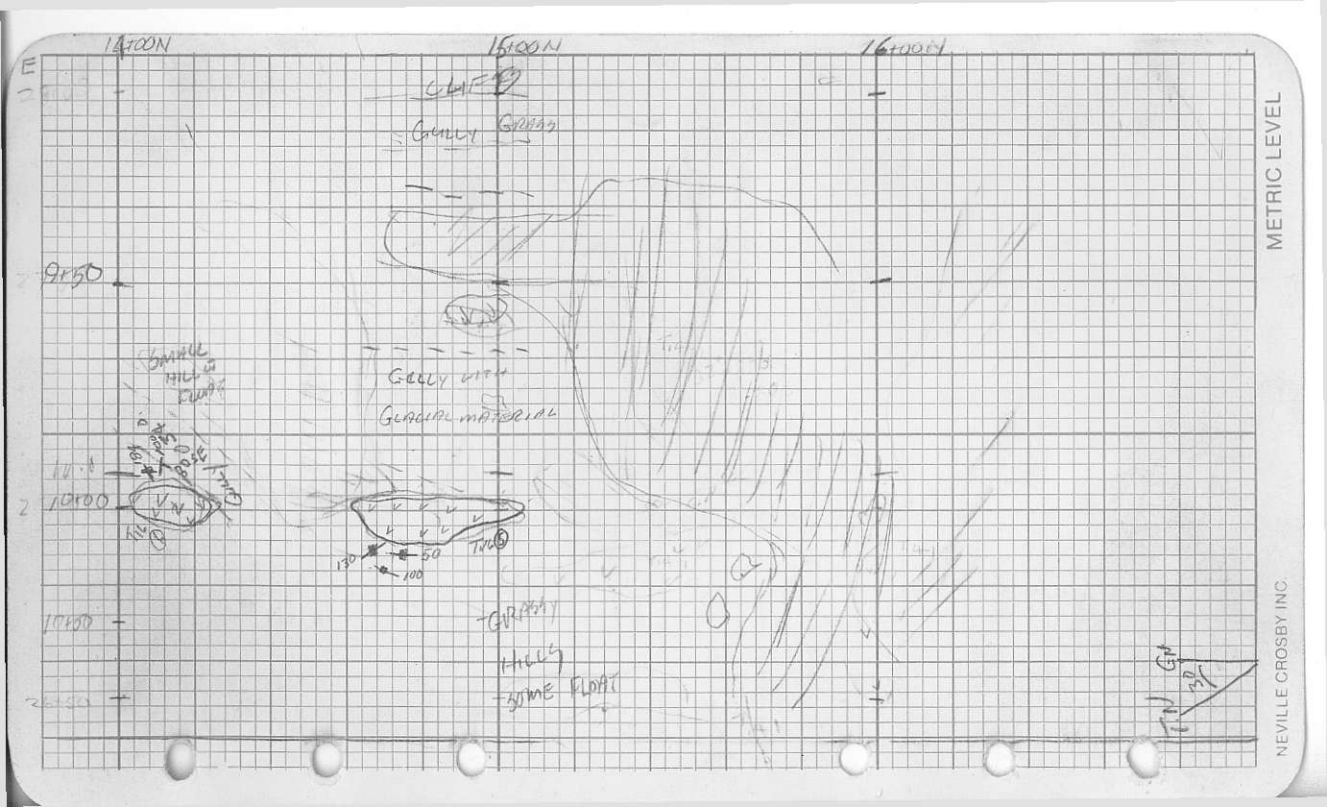
(9) - O/C WITH LARGE DISCONTINUOUS QTZ. VN. @ 170-VERT - 77-52 SE - FILLING IN FRX - SMALL ZONES OF SILICIFICATION & FE CARB. PAT FOLLOWING 077. STRIKE FROM FLOOR OF GULLY ≈ .5m.

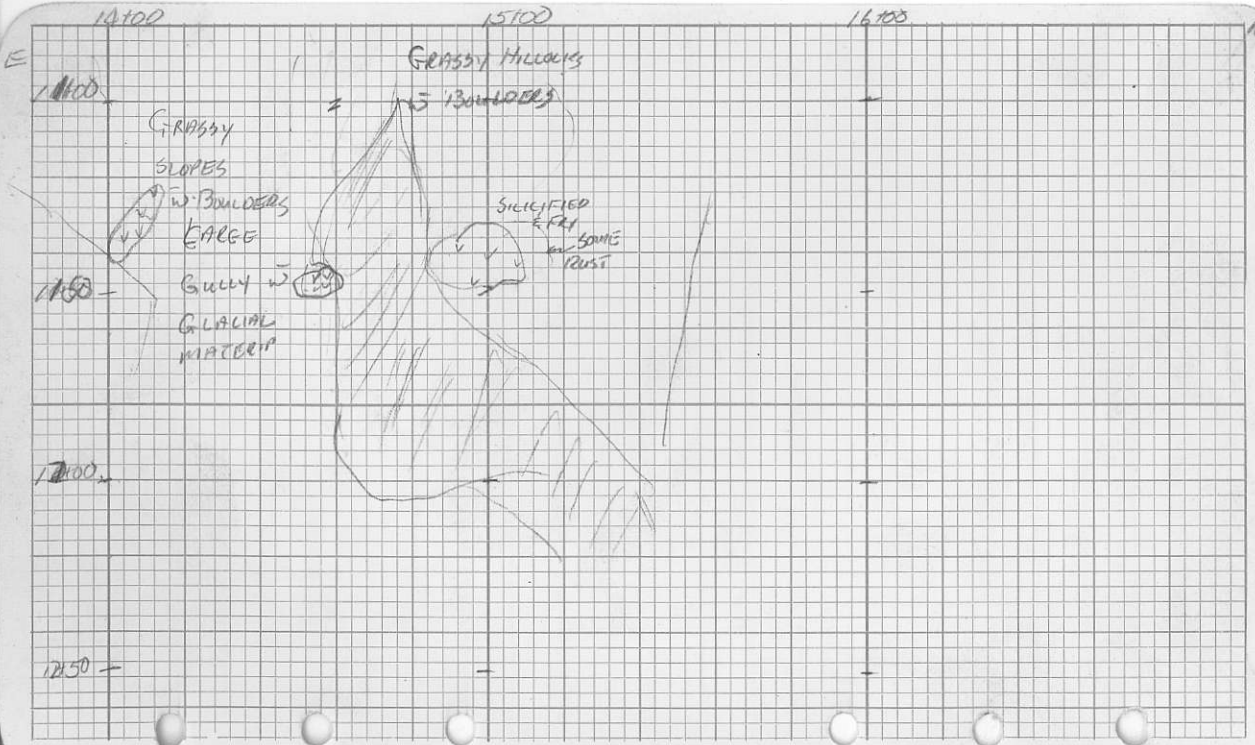
(10) - FE CARB ALONG FRX - 98-70-SE - 1.5m LONG x 35 m WIDE - SNOW PATCH RUNS BELOW CLIFF OF ZONE - SOME MN STAINING ON MAIN O/C BLACK STAINING IN FE CARB - ZONE RUNS ALONG BASE OF GULLY AROUND O/C. BARELY VISIBLE MOST COVERED IN GRASS.

(11) - FE CARB ZONE 20 CM WIDE ALONG BOTTOM OF O/C. IN FRX 50-62 SE. FRX IN FILLED W QTZ. VN DOMINANT FRX PATTERN IN O/C - 180-80 W. - MED. TUFF - SOME MN STAINING ON FRX SRF

(12) - TUFF SOME SERP. 40-VERT - 146-VERT - SOME ZONES OF SILICIFICATION

(13) - VOLCANIC(?) WITH EPIDOTE AND REDISH COATING UNDER WEATHERED SRF. - COARSE UNSORTED SANDY TUFF - MINOR MN - STAINING


14+00N
15+00N
16+00N
CLIFF
GULLY
GRASS
GULLY WITH
GLACIAL MATERIAL
SMALL HILL & SWAMP
HILLY
SOME FLOAT
METRIC LEVEL
NEVILLE CROSBY INC.


14400
15100
16100
E
N
GRASSY HILLOCKS
W/ BOULDERS
GRASSY
SLOPES
W/ BOULDERS
LARGE
GULLY W/
GLACIAL
MATERIA
SILICIFIED
FRY
SOME
DUST
METRIC LEVEL
NEVILLE CROSBY INC.

TIG ⑥ - SILICIFIED SOME MN STAINING ON FRX SRF - RED WEATHERING - RUST ON FRX SR 30-40 SE 130 - 32 NW - MN & RUST THROUGHOUT ROCK SERP. MARBLING

TIG ⑦ - FE CARB. ALONG EDGE OF GULLY & ALONG FT. 98° - V - WEAK SILICIFICATION - SULP. PRESENT IN ROCK - MN STAINING

TIG ⑧ - SERP. (mottling) RUSTY WEATHERING & MN STAINING. TRACE TO MNR. Py

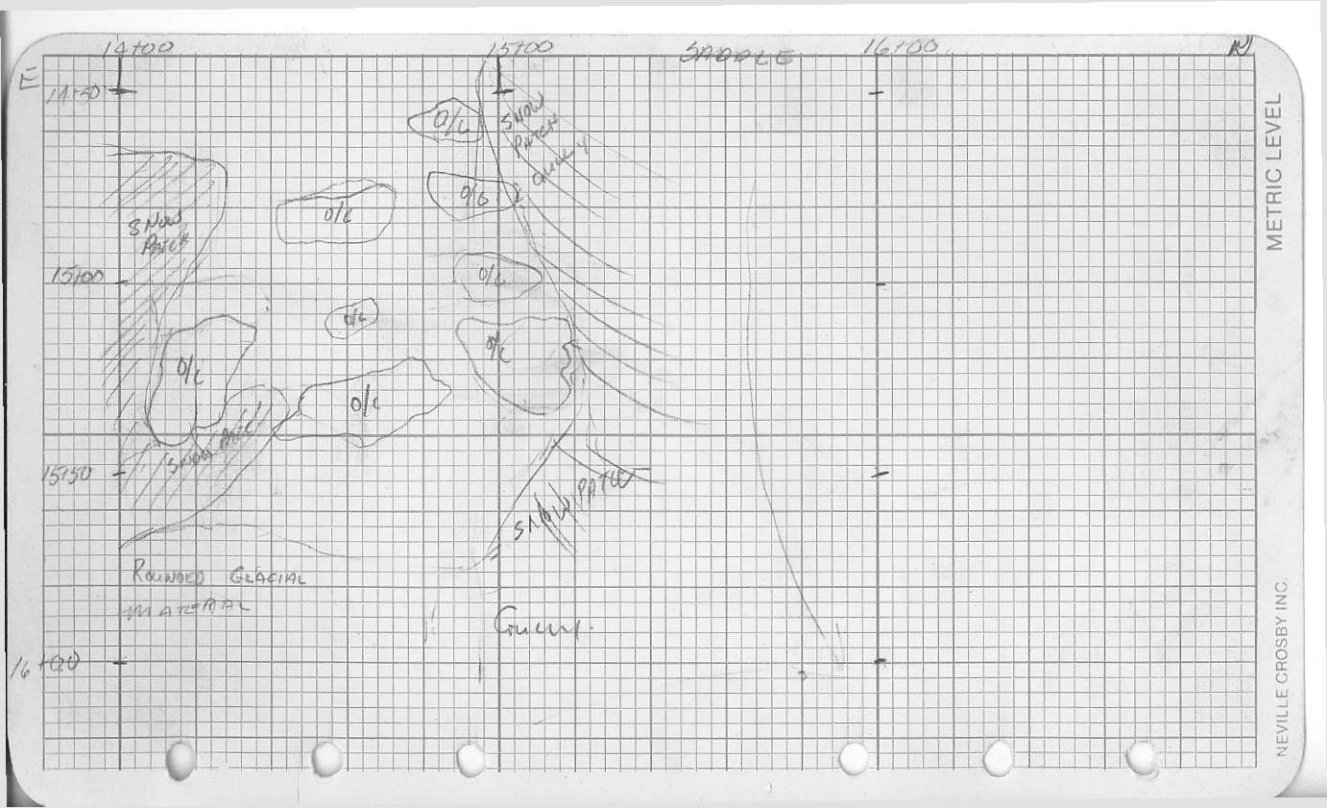
TIG ⑨ - WEAK F.C. ALT. SHOWN IN BLDRS - Py PRESENT LIMONITE & RUSTY ROCK - RUSTED ROCK HAVE BLACK COATING - MN PRESENT

⑩ - BOULDERS BLACK STAINED - WEAKLY F.C ALT. MN STAINING 144-38°, ~~140~~ 82 - O/C ALSO WEAKLY F-C. ALT. - JTING 100-U. - WEAK FE C. ALT

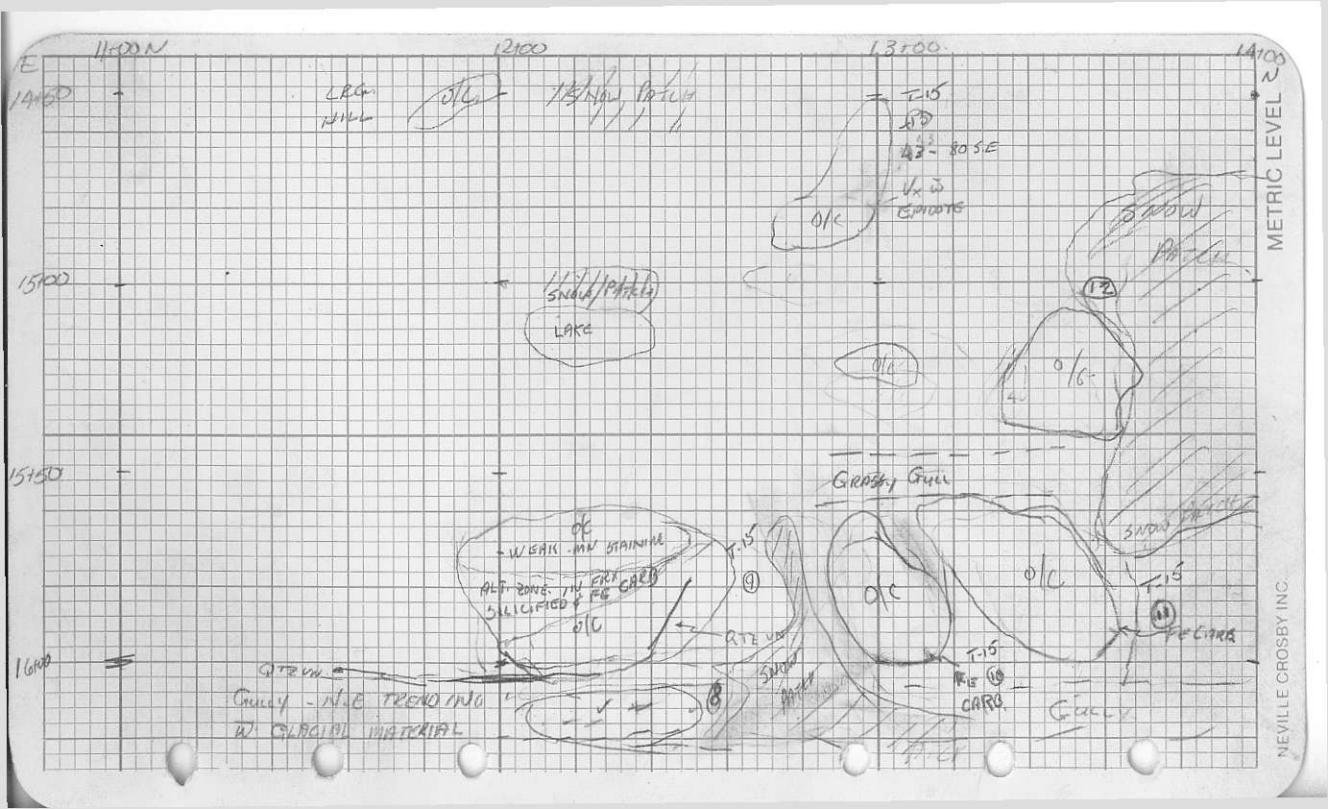
- Py. PRESENT. RUST PATCHES ON ROCK 2 / 1%

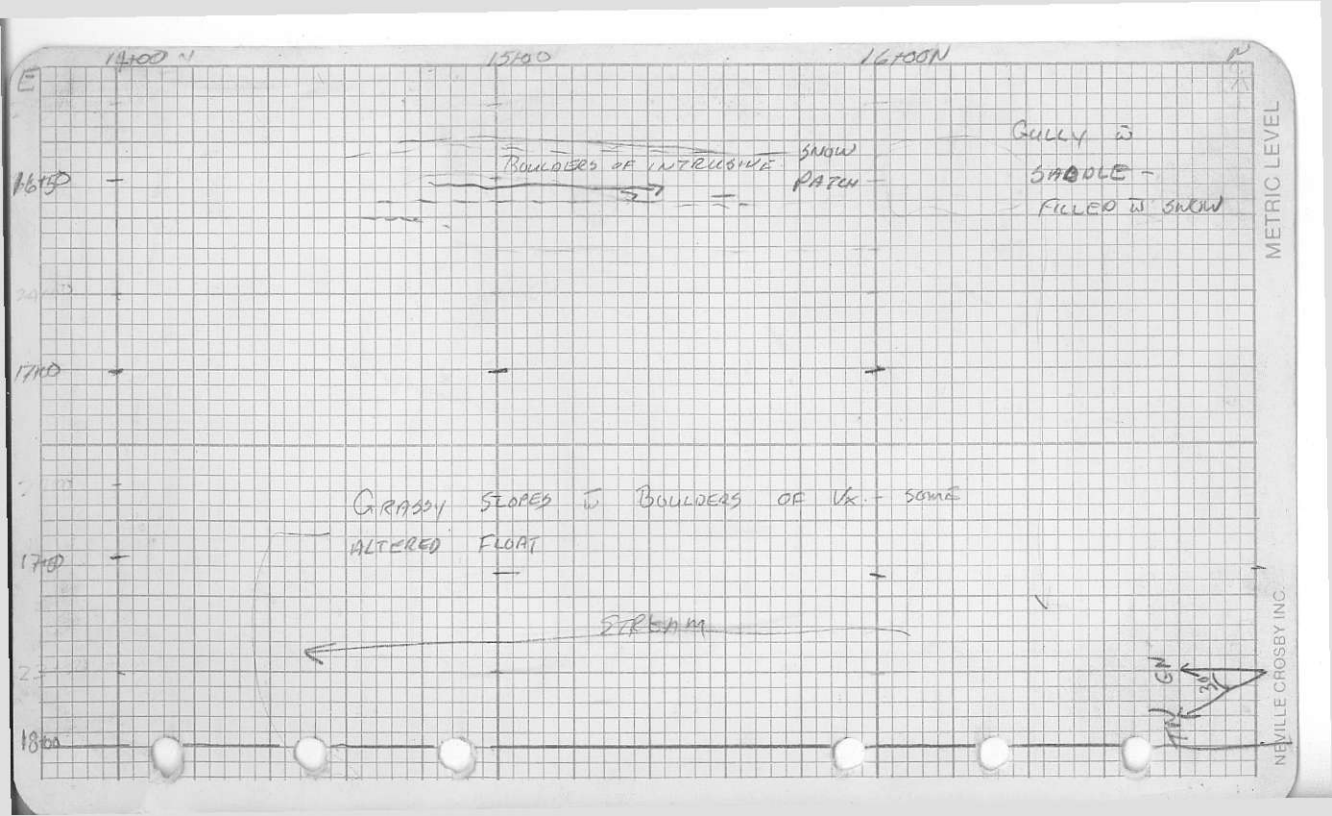
⑪ - Fe C. ~~INSE~~ INTENSE ALONG THIS ~~FRX~~. MN THROUGHOUT SOME VNING. ZONE IS 5 M. WIDE 3 M. LONG.

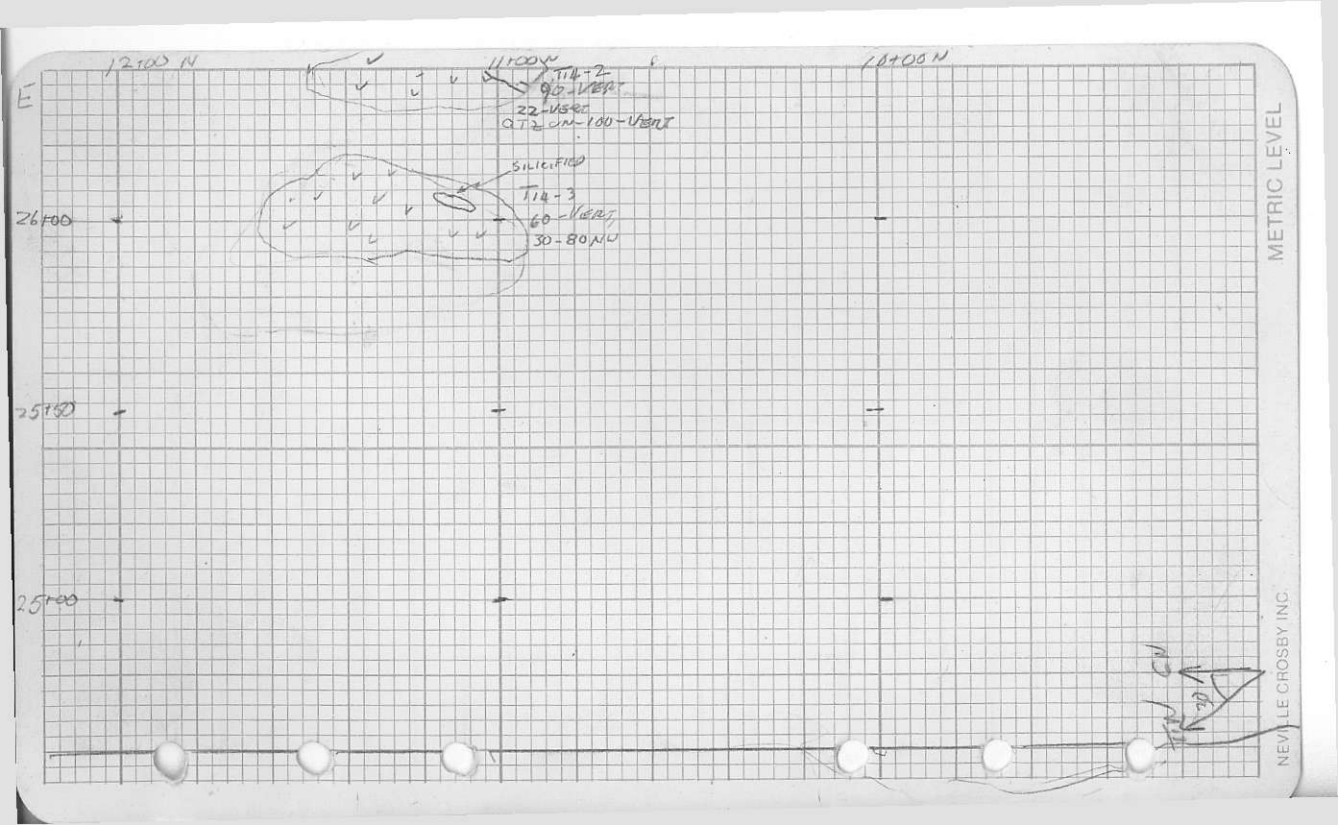
⑫ F.C. STRONG ALONG JT. PRESENT WEAKLY IN O/C. PERVASIVE MN STAINING - SOME SILICIFIED ~~ZONES~~ & RUST


14+00
15+00
16+00
E
14+50
15+00
15+50
16+00
O/C
SNOW PATCH
ROUNDED GLACIAL MATERIAL
GULLY
METRIC LEVEL
NEVILLE CROSBY INC.

(14) - SILICIFIED ZONE IN VK / 1m WIDE x 2m /
JT 32-70 SE
- MN STAINING - WIDE DISCONTINUOUS QTZ VN
ALONG SOME JT (32-70 SE) & 182-14 W
- TRACE Py.
(15) - SERP. THROUGH SOME MN STAINING
UNIT WEATHERS MORE OR MALE - POSSIBLY IS
MORE CALCAREOUS
- FRACTURED NO DOMINANT FRY PATTERNS




14100 N
15100
16100N
E
W
1650
1700
1750
1800
BOULDERS OF INTRICUSIVE
SNOW PATCH
GULLY W SADDLE - FILLED W SNOW
GRASSY SLOPES W BOULDERS OF Vx - SOME ALTERED FLOAT
STREAM
GN
20°
11m
METRIC LEVEL
NEVILLE CROSBY INC.


12100 N
11100 N
10100 N
E
26100
25150
25100
T14-2
90-VERT
22-VEIN
QTZ-CN-100-VERT
SILICIFIED
T14-3
60-VERT
30-80 NW
METRIC LEVEL
NEVILLE CROSBY INC.

T14-1 - MED. TUFF. WITH MINOR EPIDOTE
ORANGE GREY WEATHERED SRF.
- MASSIVE

T14-2 - VOLCANIC - (TUFF). EPIDOTE SOME WEAK
BLK. STAINING (MN?). DISCONTINUOUS QTZ
VN. - WHLROCK. WEAKLY CARB. ALTERED
LARGELY UNCHANGED

T14-3. TUFF. WITH MN. COATING ON
FRX SRF. SOME CALCITE COATING
ON FRX SRF AS WELL.
- EPIDOTE PRESENT & TRACE - MINOR P_y
IN SILICIFIED POD

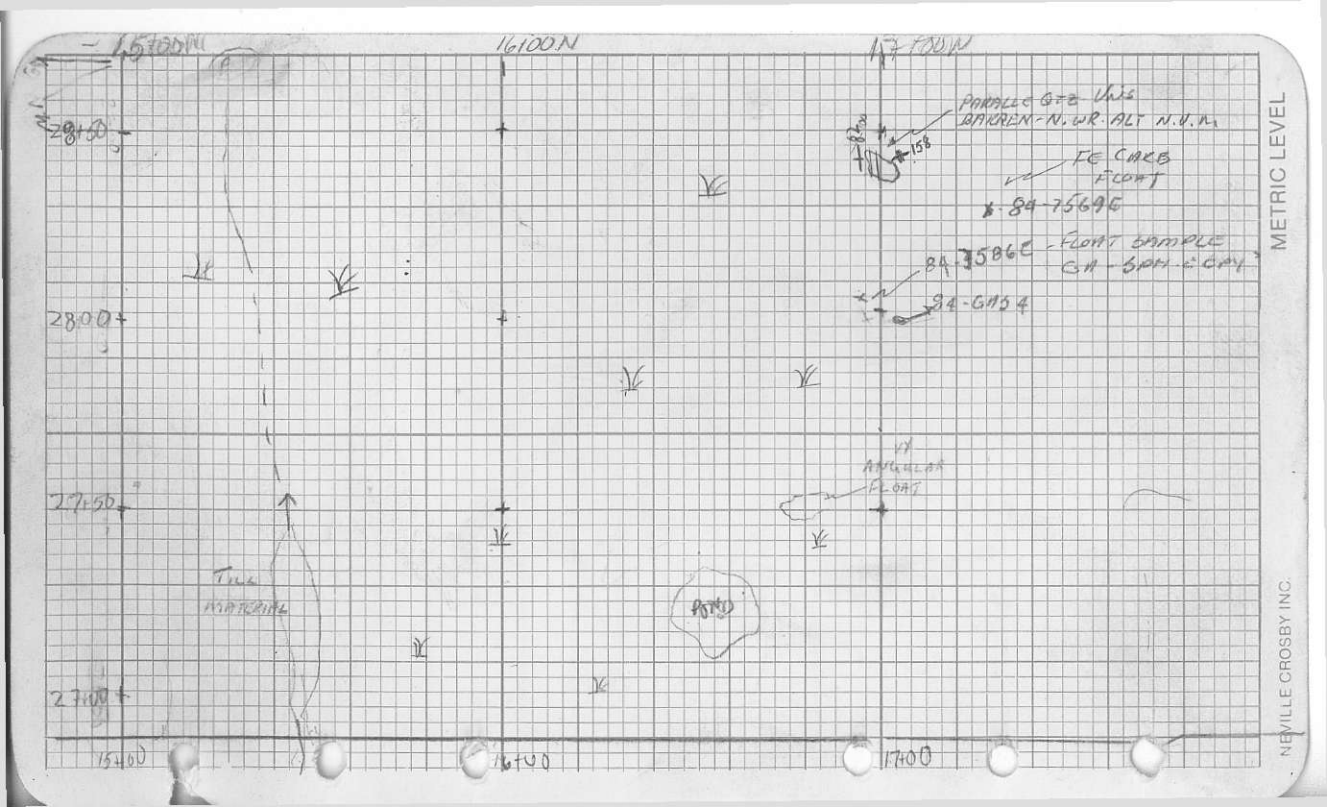
14-July-84- PROSPECTING CDR N. of EAGLE

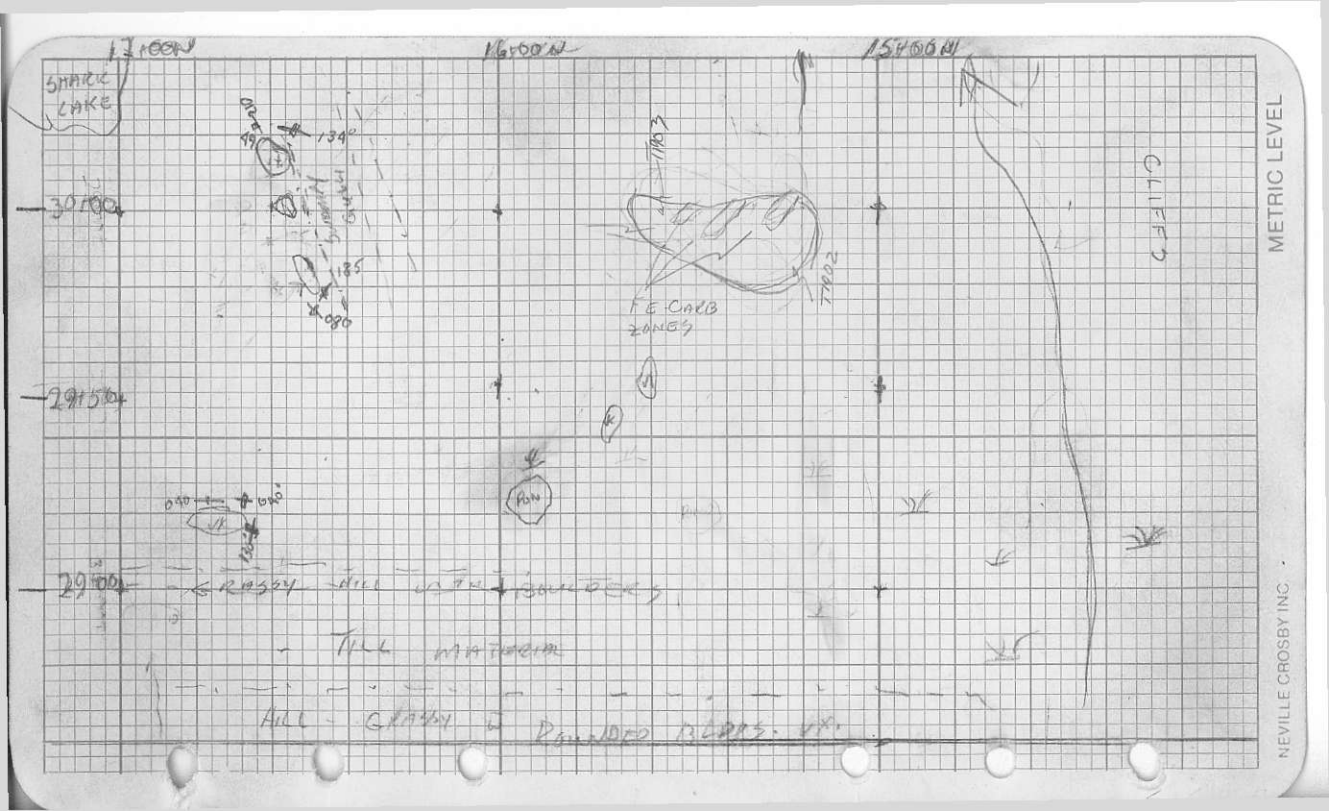
T-17-1- 07535E: SERP-VOLCANIC W QTZ-UNIAX BARITE MASSIVE PY. & SOME TRACE CPY - (MASSIVE) SULFIDES?) - RUSTED FLOAT FOUND @ BASE OF GULLY - LIMONITE COATING ON FLOAT - ROUNDED ROCK.

T-17-2- BCT03- TALUS TAKEN FROM FEC ZONE - WEAKLY SILICIFIED INT. SILICIFIED VX W TRACE TO MINOR PY. SMALL QTZ STRINGERS IN BOTH UNITS - ALTERATION IS ALONG JT. RECCE ABOVE CREEK BED - STEEP VALLEY.

July 16 - 84 DETAILED MAP

17+00 N - 66+00 - 15+00 W To 27+00 E


15+00N
16100N
17+00N
29+50
28+00
27+50
27+00
PARALLEL GTZ LINE
BARREN-N.WR-ALT N.V.M.
FE CMCB
FLOAT
84-7569E
84-7586E - FLOAT SAMPLE
GH-SPH-CPY
84-GH54
VY
ANGULAR
FLOAT
TILL
MATERIAL
15+00
16+00
17+00
METRIC LEVEL
NEVILLE CROSBY INC.


17 000N
16 500N
15 500N
SHARK LAKE
30 000
29 500
29 000
134°
135
080
040
060
1903
1902
FE CARB ZONES
CLIFFS
RUN
METRIC LEVEL
NEVILLE CROSBY INC.

T19-01

SILICIFIED TEALE Dis. Rj. GAL.

(MARIPOSITE ?) GREEN STAINING

- SERP. ON FRX. SRF.

T1902 - WEAK Fe C. ALT. 60-V. 154-V

138-40 W

- ZONES OF MORE INTENSE ALT. IN FT. INT.

T1903 BAKERED QTZ VN @ 140-V. 5cm. WIDE

DISCONTINUOUS - OTHER SMALL PARALLEL

QTZ. VNS ROCK extremely FRX.

- MN. COATING WITH MAFIC FRAGS. LAPILLI SIZE

T1904 - Fe-C FRACT. ORANGE COATING IS MARIPOSITE

& Dis. Rj < 1%

T1905 - MED TUFF - SOME MAFIC FRAGS

HEMATITE & MN COATING

(WEAK CARB-ALTERATION/ CORRUGISM COATING)

NEAR GULLY

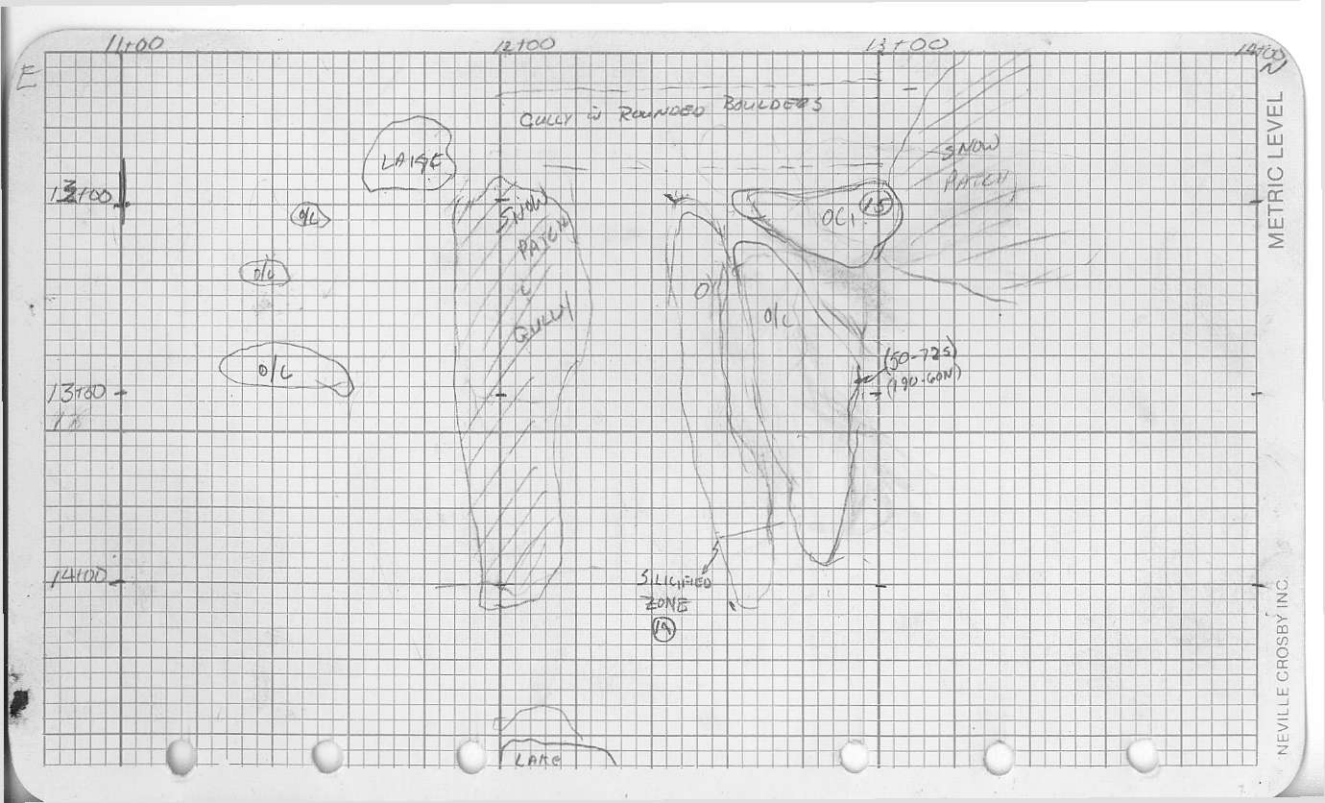
T19-06 - WEAK Fe-C ALT - DIS. QTZ

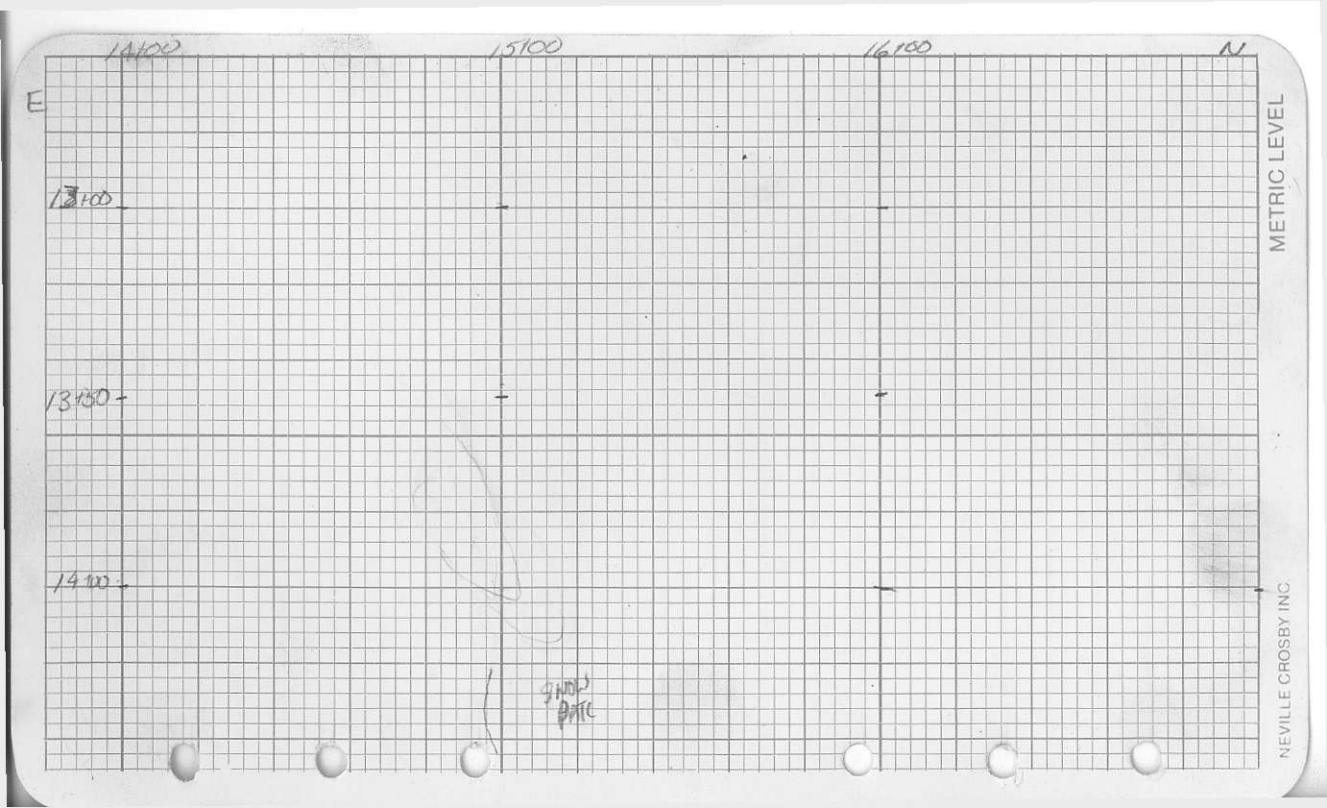
VNLTS. IN FILLING FRX

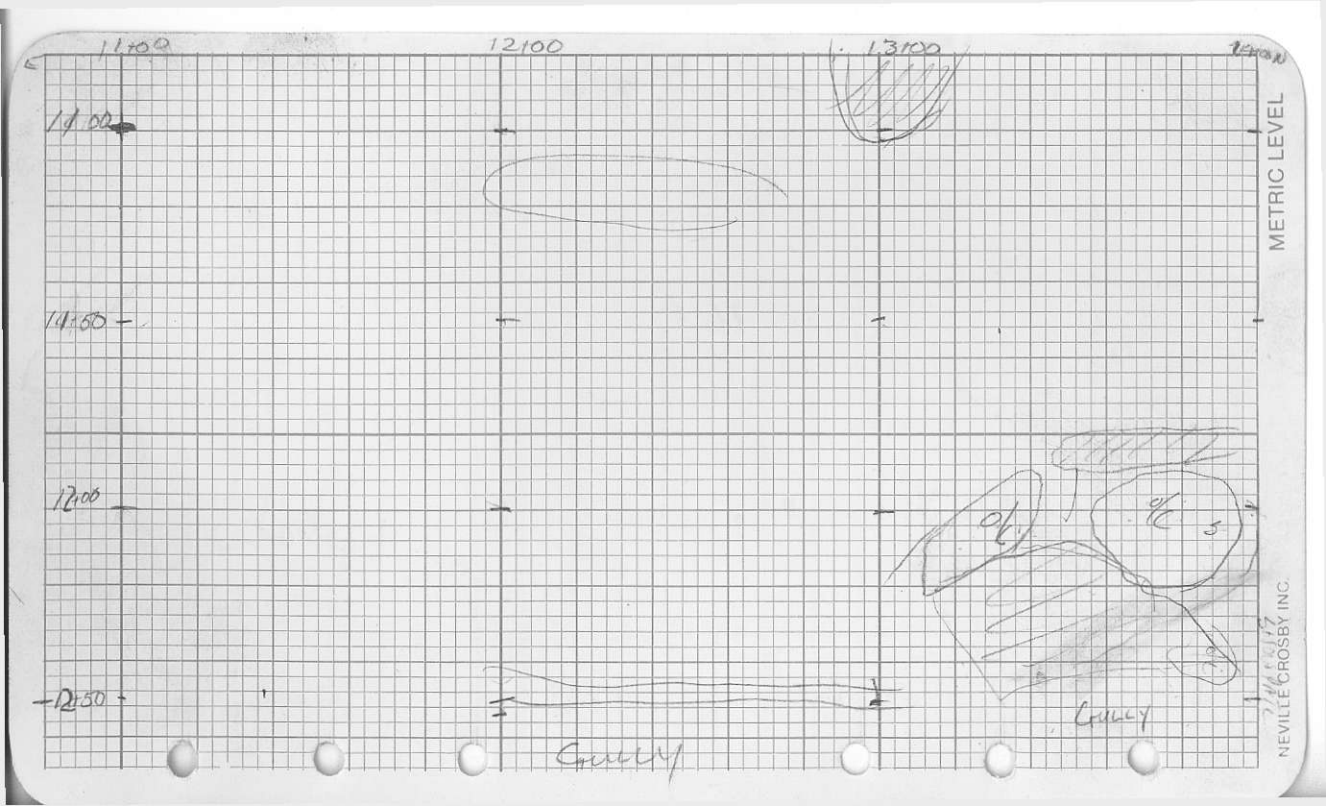
- ROCK INTENSLY FRX.

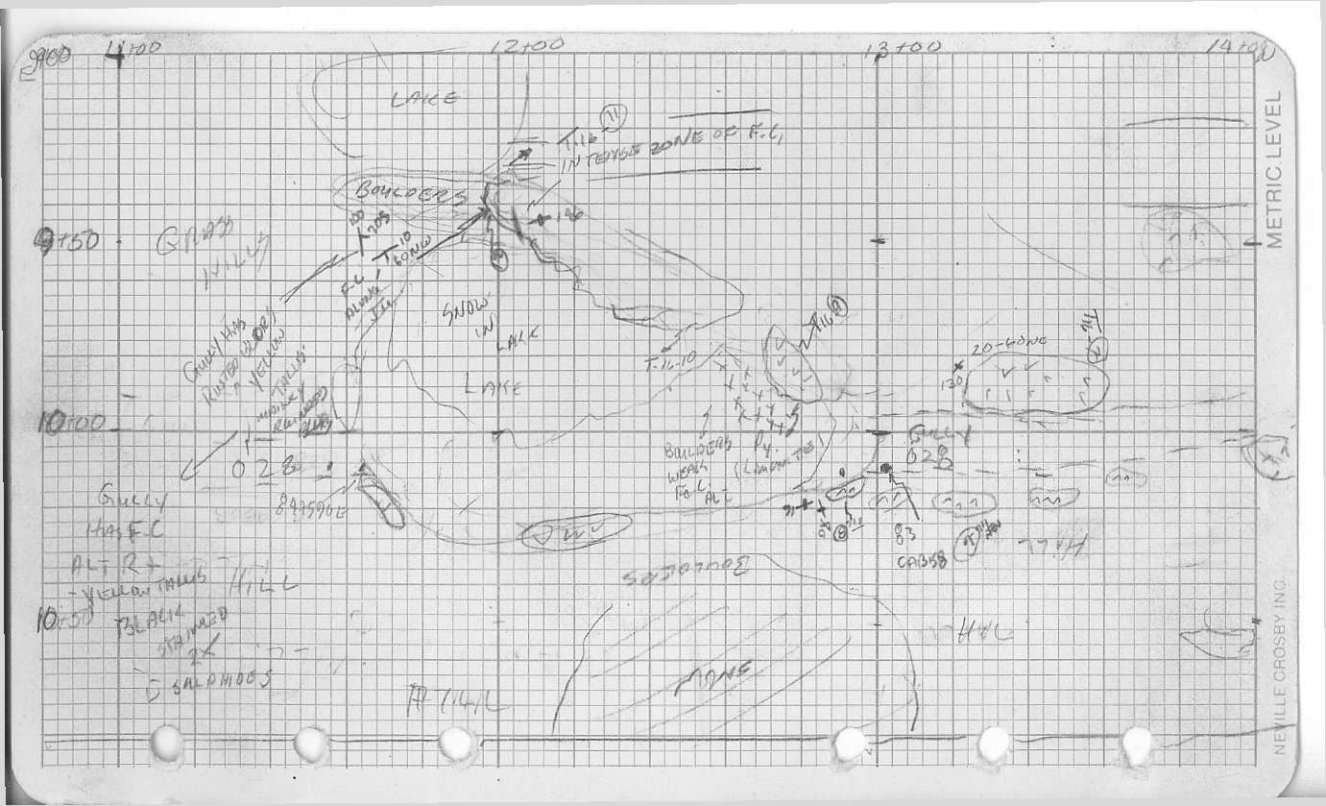
T1907 - SOME MN COATINGS - CALCITE/

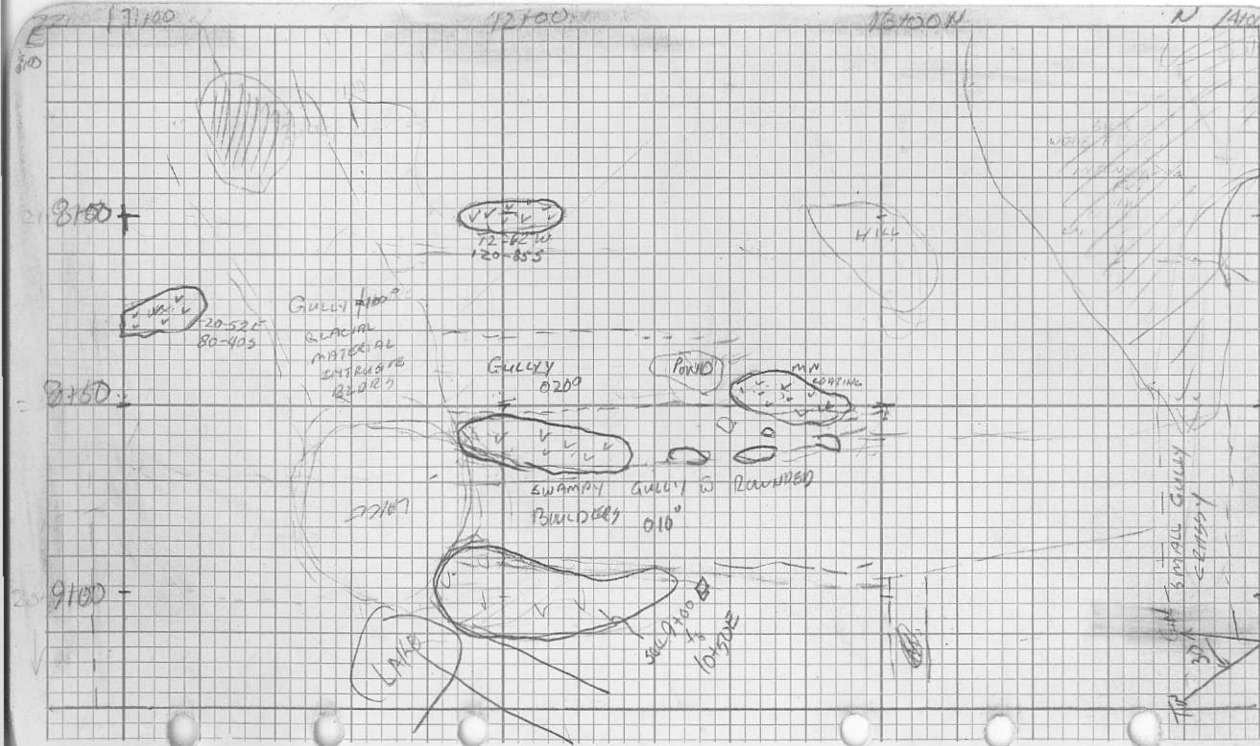
CARBONATE COATING FRX. SRF


11+00
12+00
13+00
14+00
E
N
METRIC LEVEL
13+00
13+50
14+00
GULLY & ROUNDED BOULDERS
LAKE
SNOW PATCH
SNOW PATCH & GULLY
O/C
O/C
O/C
O/C
(50-75)
(100-CON)
SILICIFIED ZONE
(A)
LAKE
NEVILLE CROSBY INC.


14100
15100
16100
N
E
13400
13300
14100
METRIC LEVEL
NEVILLE CROSBY INC.


11+00
12100
13100
14+00
14+50
12+00
12+50
METRIC LEVEL
NEVILLE CROSBY INC.


12+00
13+00
14+00
9+50
10+00
10+50
LAKE
BOULDERS
SNOW
GULLY
HAS F.C
ALT R+
YELLOW TAILS
SALMONOS
METRIC LEVEL
NEVILLE CROSBY INC.



116-1

- SMALL SILICIFIED O/C - WEAK FE-C. ALT ROSETED
60-VEINLETS + SOME MN STAINING

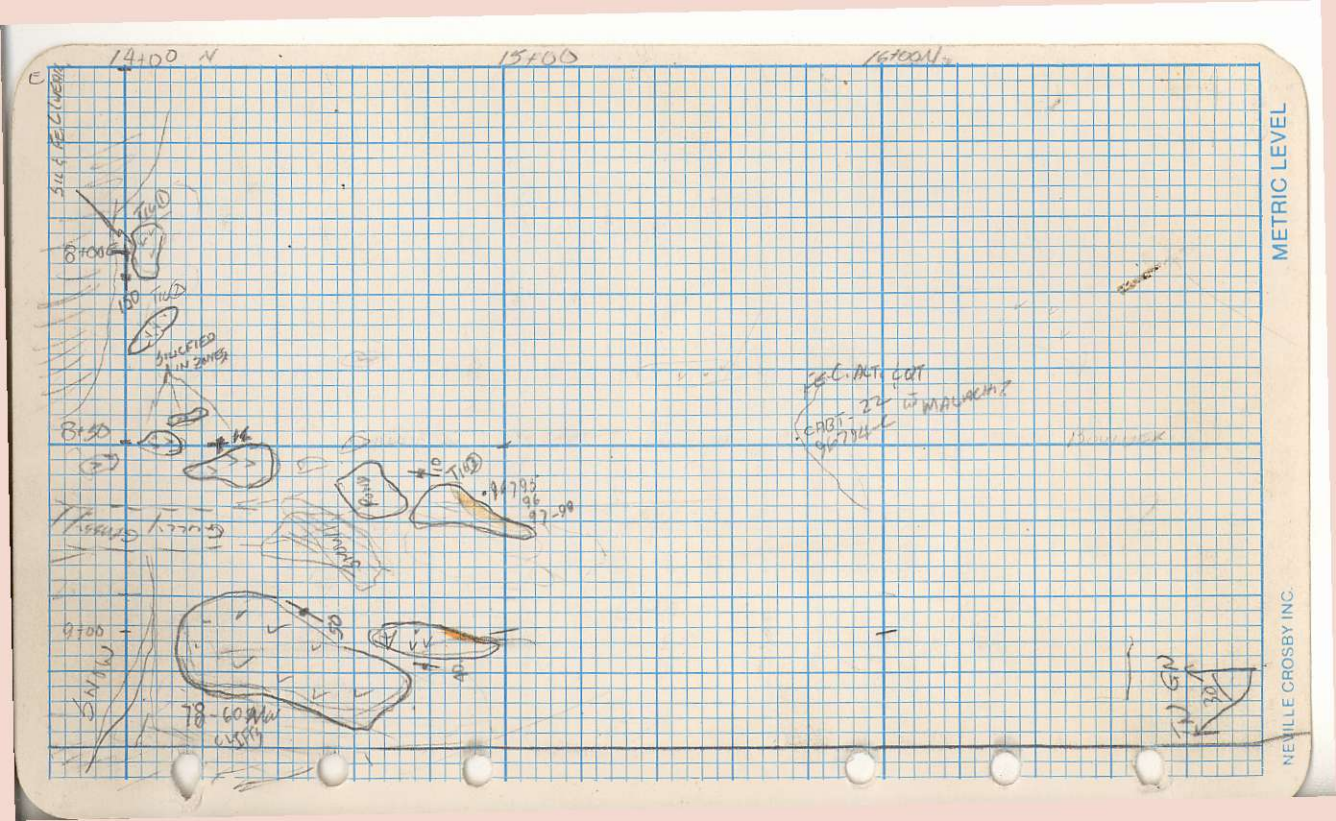
(2) - MASSIVE SIL. UNIT - SOME MN STAINING

(3) - ALT. FE CARB - INTENSELY - MN - Py - Cpy
MALACHITE - REL. QTZ / VUGGY
MN STAINING IN QTZ - BX. &
- FE STAINING - SILICIFIED

(4) - O/C WITH MODERATE TO INTENSE
ZONES OF FE CARB ALT
- SILICIFIED IN ZONES

(5) SILICIFIED INTENSLY FRX. O/C

(6) - WEAKLY ALT. FE-C. - GRITTY. HAS GLACIAL
MATERIAL
- MN STAINING & VUGS - ZONES OF SILICIFATION


14+00 N
15+00
16+00N
METRIC LEVEL
NEVILLE CROSBY INC.

T-15-1 - SEQUENCE OF FRX - 100 - 75 - SW -
INTENSELY ALT FE CARB AT BASE OF FRX
CUT BY GULLY
- WALL ROCK Vx. SERP. W/ SOME MN
COATINGS
- QTZ IN FE CARB HAS SOME MN.
- BRIGHT ORANGE COATING ON FRX. (FE-OXIDE
ALT ZONE ONLY ≈ 1 m. THICK FROM GULLY
FADES OUT

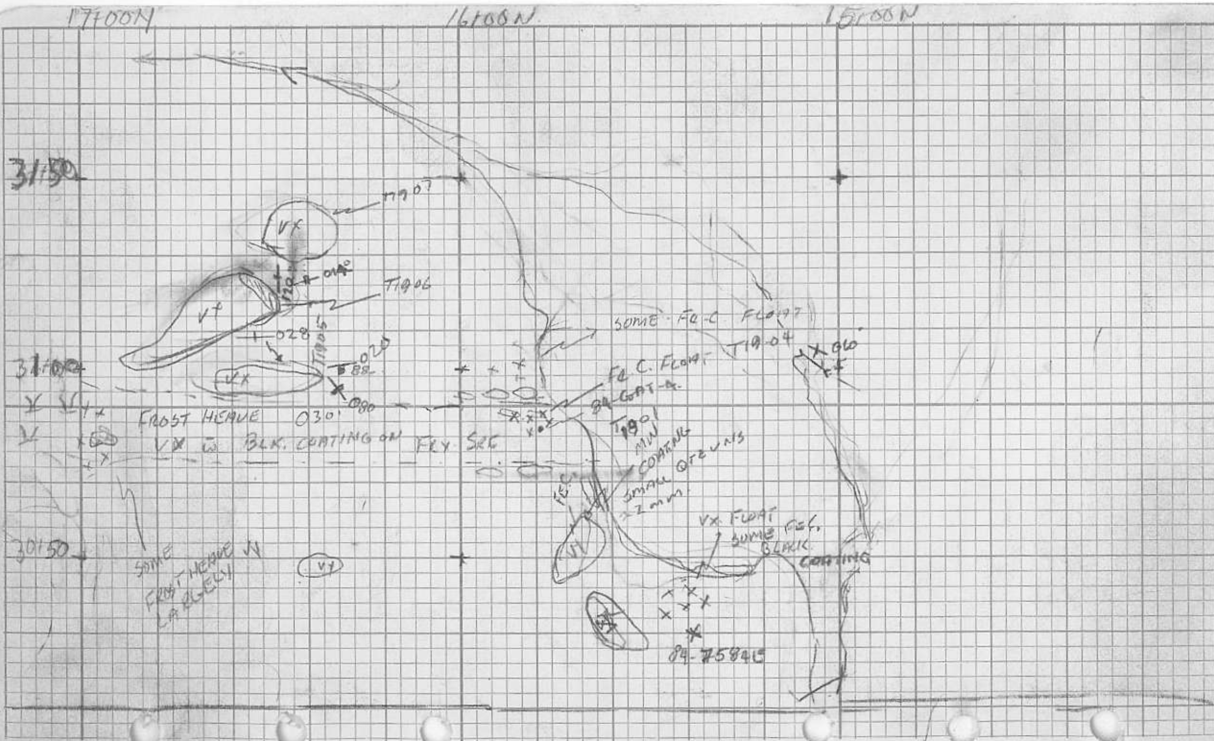
T-15-2 - SMALL d/c W/ ALT ZONE - MN
STAINING - W/ MN THRUOUT ALT. UNIT
- Vx. CHLORITIC W/ CALCITE COATING FRX SURF.
- MED.: UNSORTED TUFF
- d/c FRX. LOTS OF TALUS

T-15-3 - ALT. ZONE IN FRX W/ QTZ VNS &
SILICIFICATION OF ALT UNIT ADJACENT TO QTZ VNS
- MN STAINING ON Vx. ≈ 2 mm thick

④ - BARREN QTZ VN .5m. TALL .3m. WIDE 152-80SE
- WALL ROCK WEAKLY ALT. VX.

⑤ - SILICIFIED ZONE - FRX. 60-76 SE &
FOLIATION - 80 - 10 SE

⑥ FE-ALTERED UNIT AT EDGE OF SNOW PATCH IN
GULLY - SOME MN STAINING WITHIN UNIT. ALSO
SILICIFICATION & QTZ STRINGERS.
- WALL ROCK - Vx W/ TRACE Py & SOME MN STAINING
WEAK SERP. VISIBLE - AT CONTACT W/ ALT. VX IS
WEAKLY SILICIFIED - BOTH UNITS INTENSELY FRX



BOTTLE LAKE FRENCH

15 TRON

16 TRON

17 TRON

1cm = 50c

16 JULY 84. BOTTLE LAKE TRENCH

LENGTH. 7.5 m STRIKE - 138

WIDTH .50.

① - LIMONITIC GOUGE MATERIAL. SOME DK BROWN TO BLACK (MN) AND RED (HEMATITIC) - PATCHES MAJORITY IS LIMONITIC

② SHEAR ZONE. INTENSLY FRX ROCK. QUARTZ CARBONATE - SIDERITE. SAME AS VEIN LITHOLOGY.

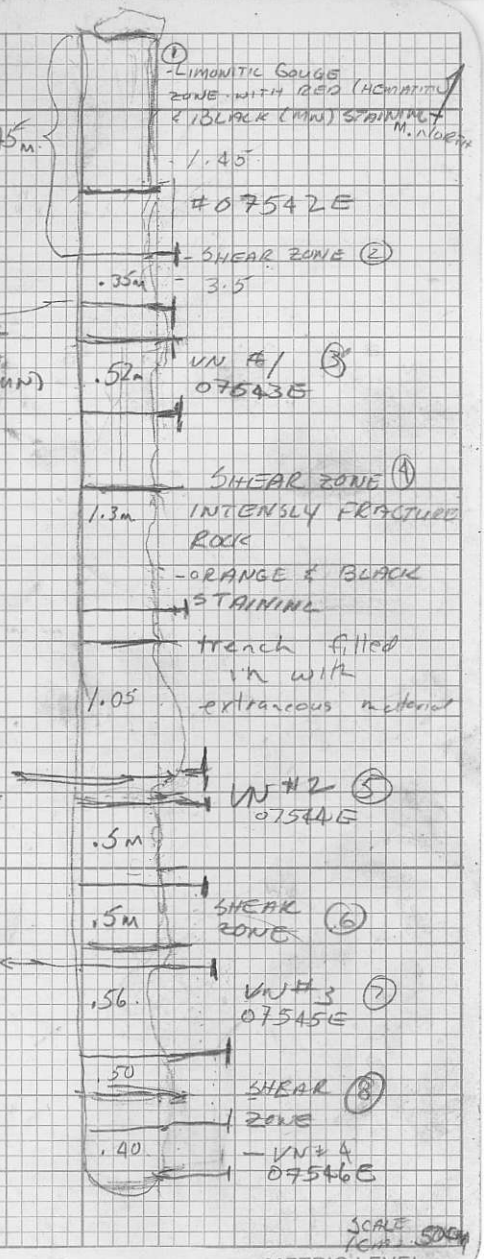
③ VN #1 - QTZ-CARBONATE VN W 30% - 35% FRAGS OF BROWN CARBONATE (SIDERITE) SOME TRACE GREEN STAINING (MARIPOSITE OR MALACHITE) - ALSO ORANGE-BROWN COATING (WEATHERING).

- VUGS PRESENT IN CARBONATE (SIDERITE) COATED W WHITE QTZ / CARBONATE

④ - SHEAR ZONE - LIMONITIC SOIL

⑤ VN #2 - LARGER PERCENTAGE OF CARBONATE (SIDERITE?) - SOME VUGS 1% - CARBONATE = 50% - 60% OF VN MATERIAL. PRESENT AS ANGULAR FRAGS

⑥ - SHEAR ZONE


1
-LIMONITIC GOUGE ZONE WITH RED (HEMATITE) & BLACK (MN) STAINING & MINOR CHL
1.45m
1.45'
#07542E
- SHEAR ZONE 2
.35m
3.5'
LIMONITIC GOUGE MATERIAL BESIDE VN. 3 IMG BLACK STAINING (MN)
.52m
VN #1 3
07543E
SHEAR ZONE 4
1.3m
INTENSLY FRACTURED ROCK
- ORANGE & BLACK STAINING
trench filled in with extraneous material
1.05
- Red to orange STAINING BESIDE VN.
VN #2 5
07544E
.5m
.5m
SHEAR ZONE 6
REDDISH ORANGE GOUGE LIKE MATERIAL
.56
VN #3 7
07545E
.50
SHEAR ZONE 8
.40
- VN #4
07546E
SCALE FOR 1:50

⑦ - VN #3 - RED-YELLOW GOUGE MATERIAL BESIDE VEIN.
- VN HAS ORANGE COATING. WELL FORMED CARBONATE XTAL FACES.
"DOGS BREAKFAST"
- V.V.M.

8- SHEAR ZONE> GREY IS SHEARED FLS. ROCK.

⑨ - VN # ⑤

- VOLCANICS IN SHEARED ZONE - INTENSELY ALTERED PALE GREY-GREEN-O ORANGE WEATHERING INDICATIVE OF FE-CARB. ZONE.