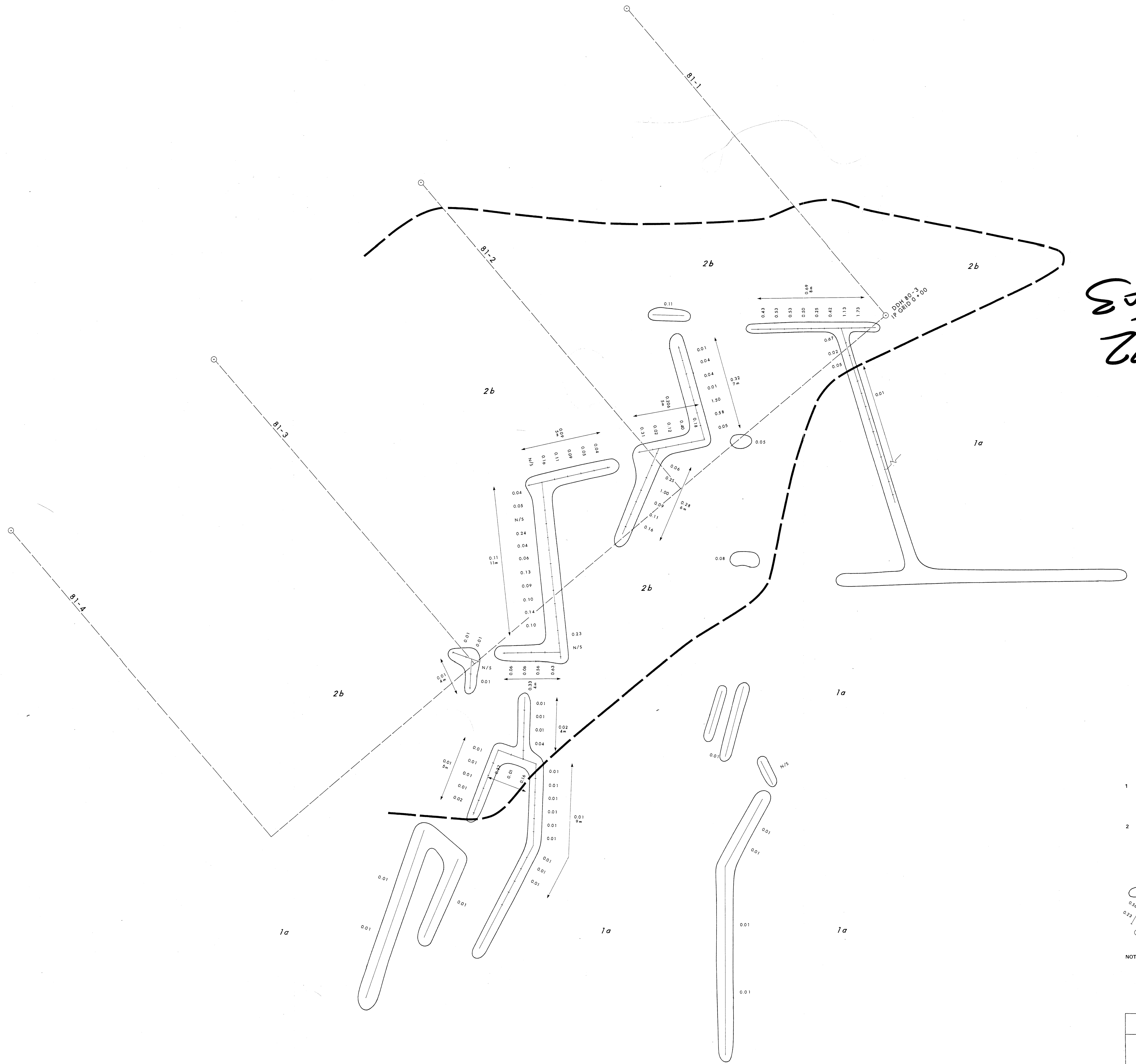


10072  
Part 3 of 3



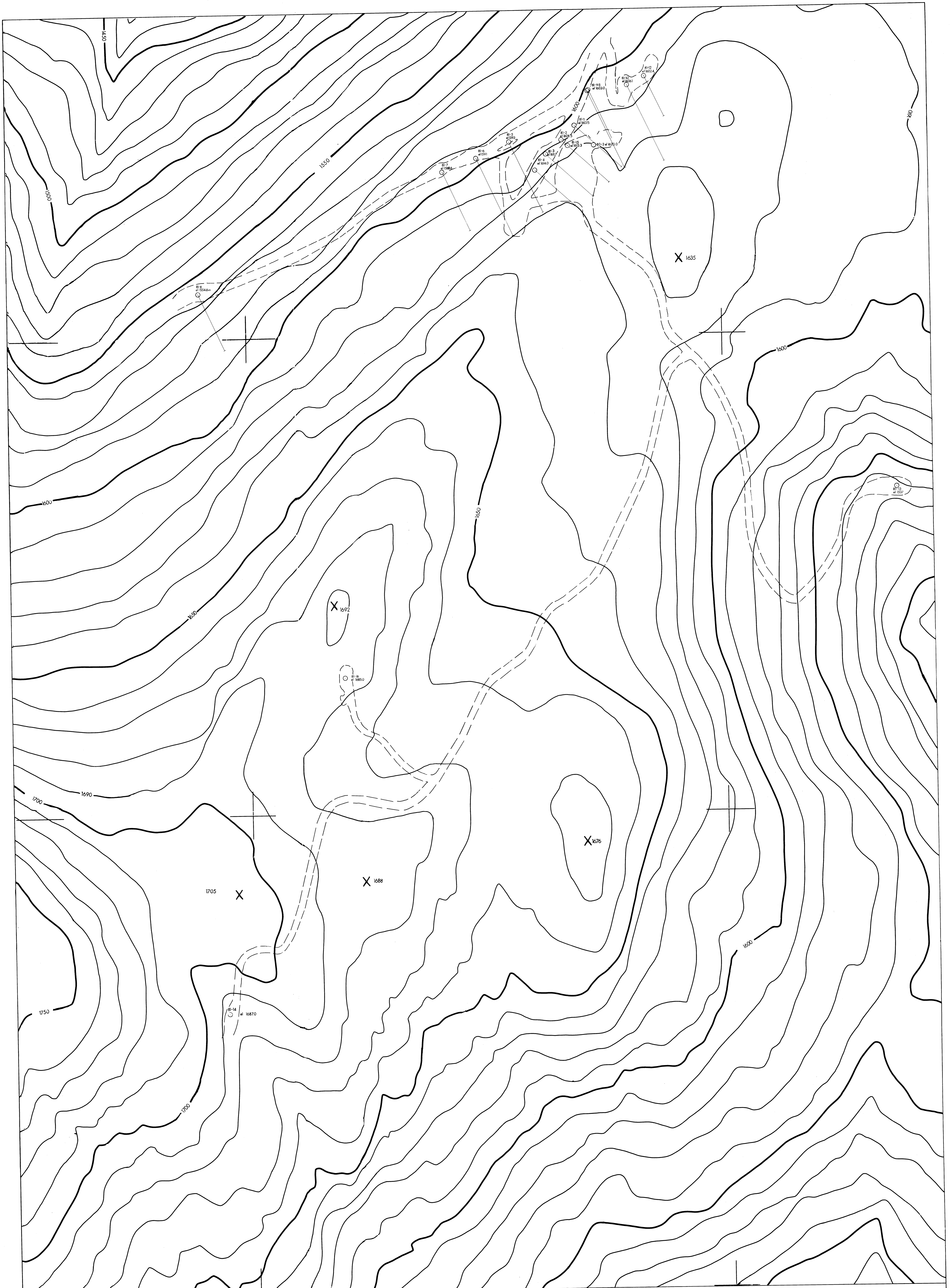
- 1 QUARTZ MONZONITE PORPHYRY (QMP)
    - a) — medium grained (mg) irregular groundmass with variable phenocryst composition
  - 2 PHASES II BRECCIA
    - b) — composition highly variable groundmass composed of quartz, sericite, feldspar, (molybdenite, pyrite, pyrrhotite, adularite) — fine grained, microcline content highly variable — fragments consist of gmp, hornfels, skarn, argillite
- OUTLINE OF TRENCH  
 1/4 Ms52  
 ○ DIAMOND DRILL HOLE 80-3

NOTE: ALL ASSAYS WERE COMPLETED BY GEO ANALYTICAL SERVICES AND DUE TO THE FACT THAT THEIR WORK IS OPEN TO QUESTION AND THE IRREGULAR NATURE OF THE MGS; VALUES THE RESULTS PRESENTED HERE ARE QUESTIONABLE

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 EXPLORATION - MINERALS

3101 K  
 YNIP PROJECT - B.C.  
 TRENCHED AREA: MAIN SHOWING  
 FIG.44

AUTHOR: S. TUNIC  
 DATE: NOV. 81  
 SCALE: 1:100  
 DRAWING NO. YC-072  
 REVISION: 1  
 ENCLOSURE NO.



--- 4 WHEEL DRIVE ACCESS ROADS  
 ○ DIAMOND DRILL HOLE COLLARS

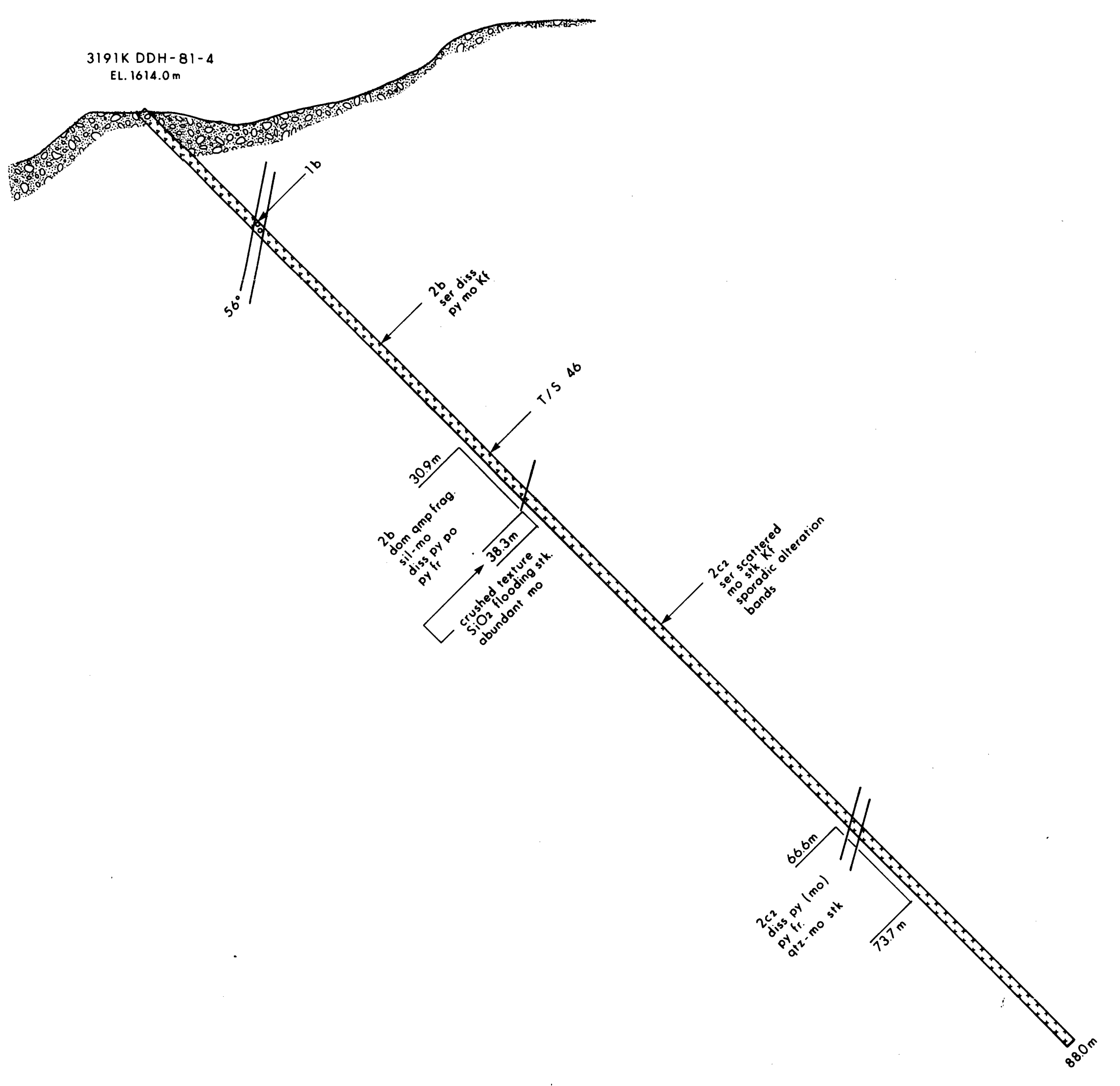
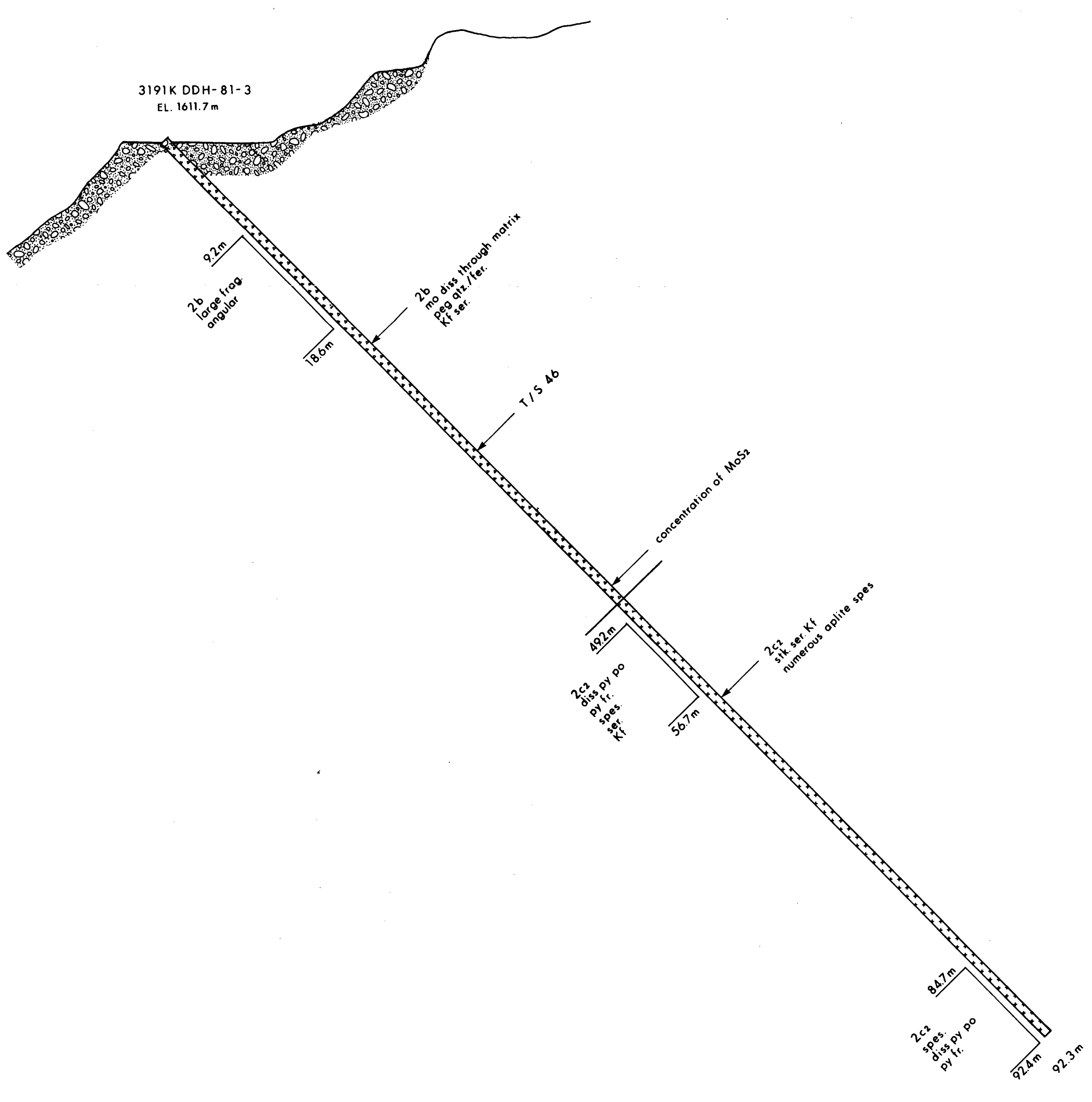
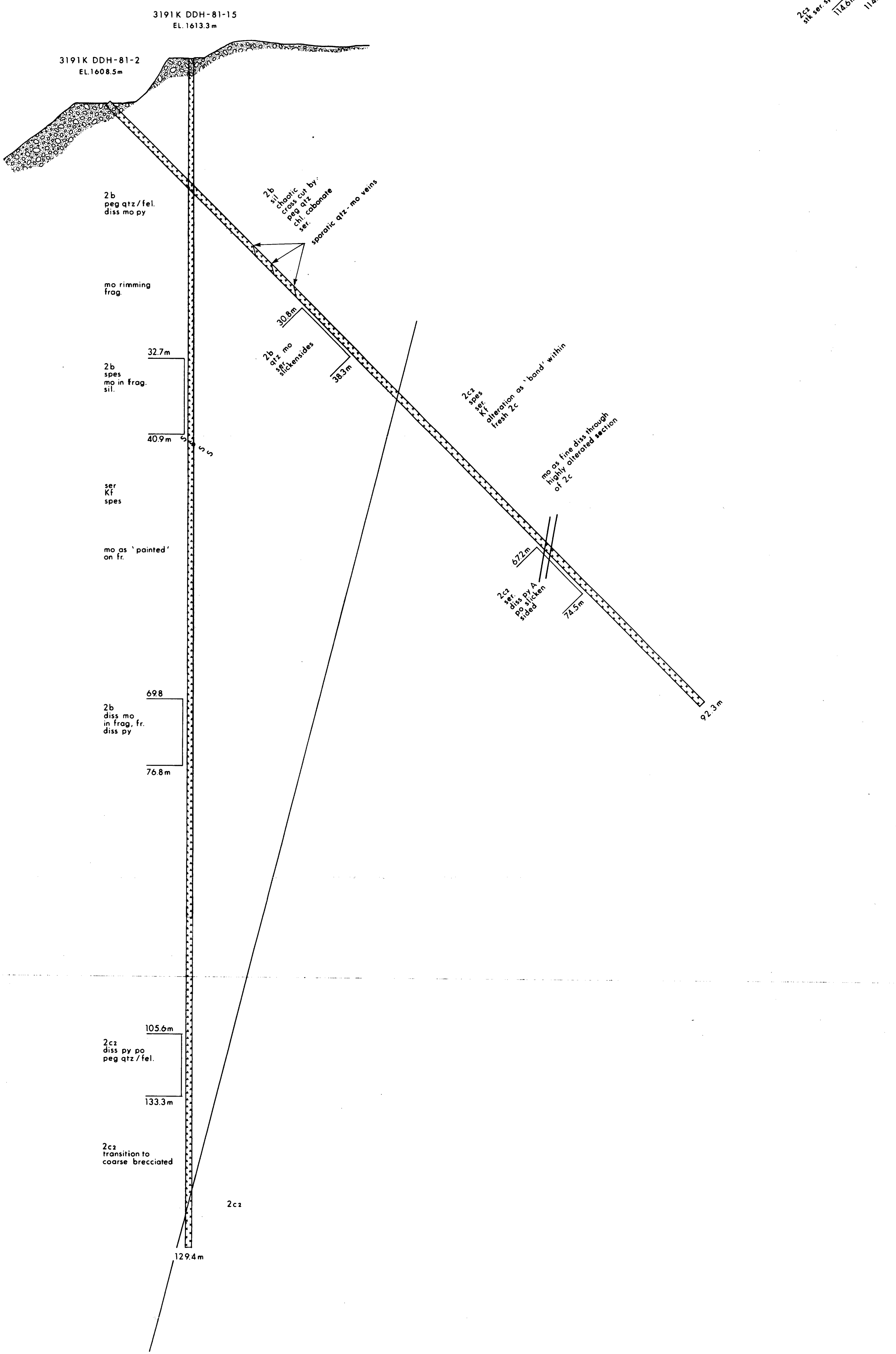
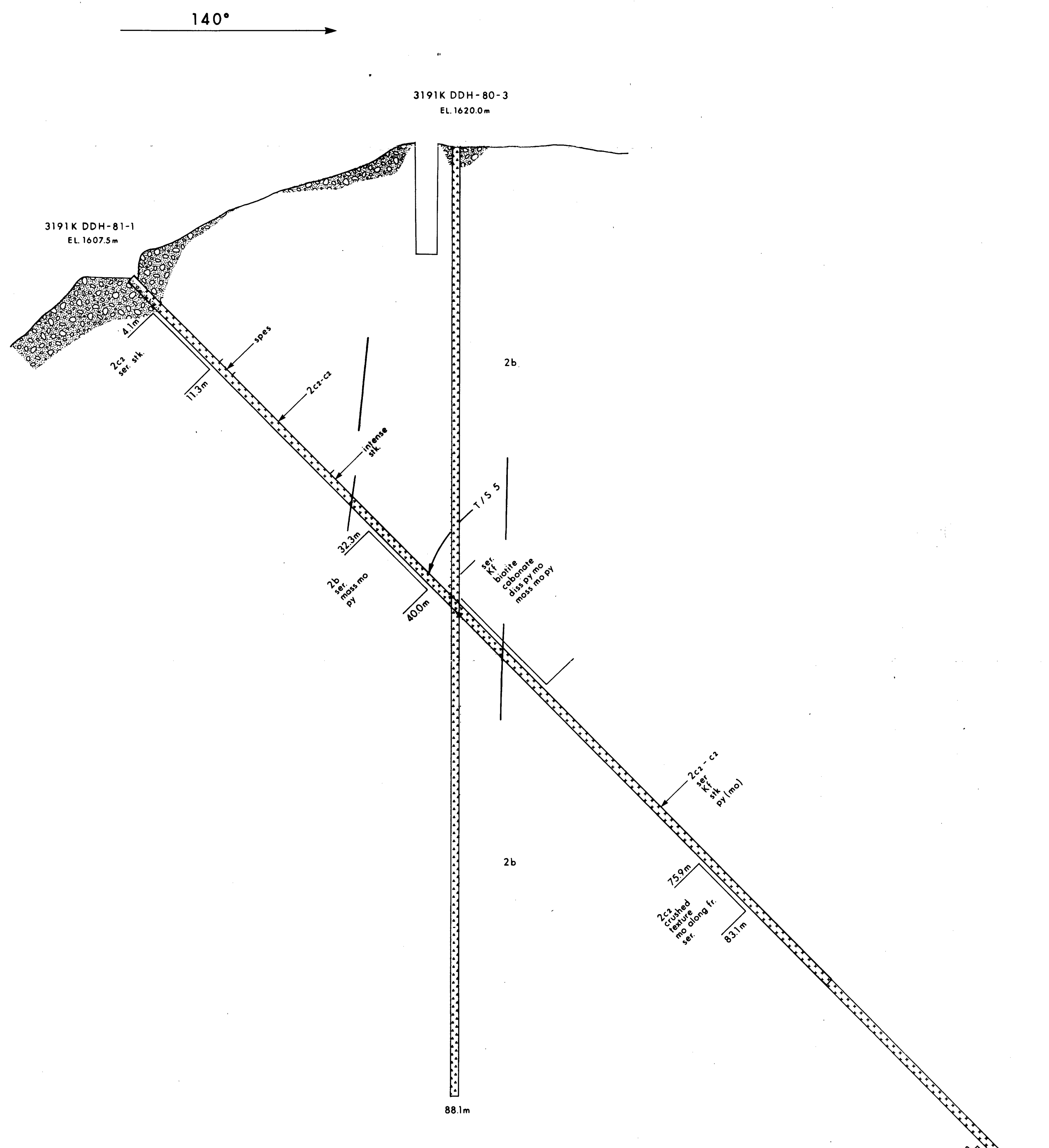
MINERAL ECONOMICS DIVISION  
 10072  
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SCALE 1:1000  
 0 25 50 m

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 EXPLORATION - MINERALS

3181 K  
 YMER, B.C.  
 STEWART CLAIMS  
 DIAMOND DRILL HOLE COLLAR LOCATIONS  
 FIG. 45

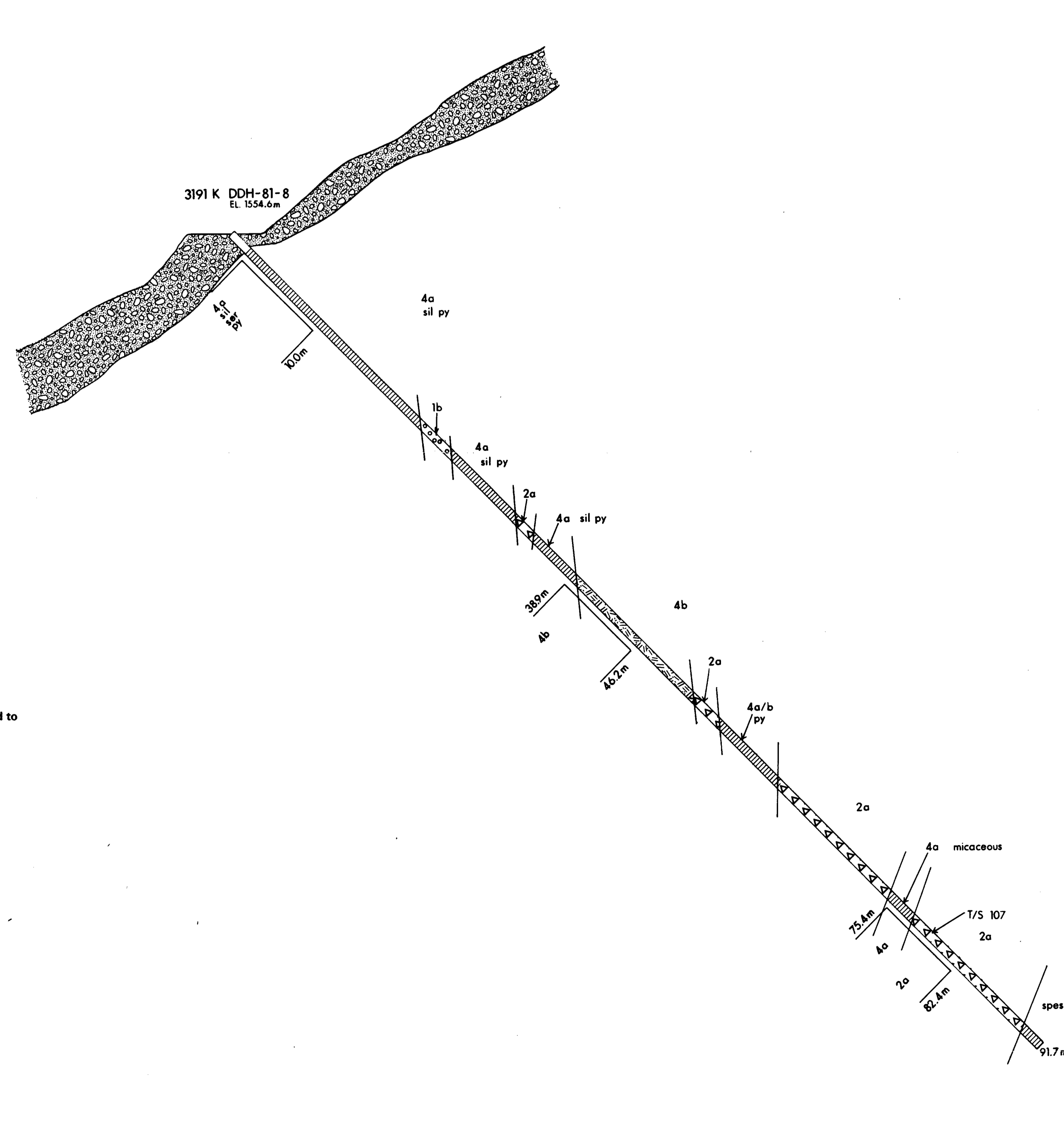
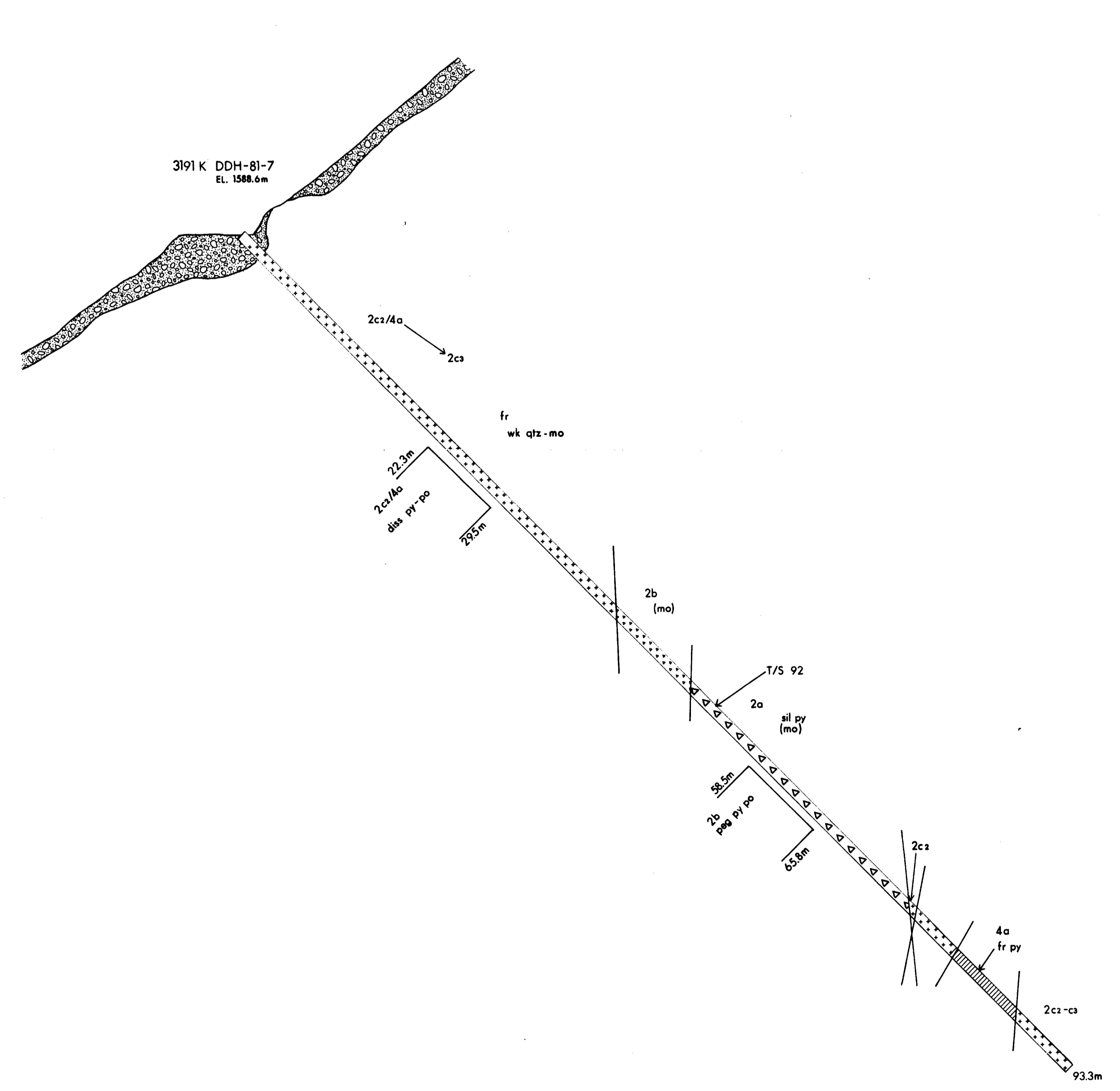
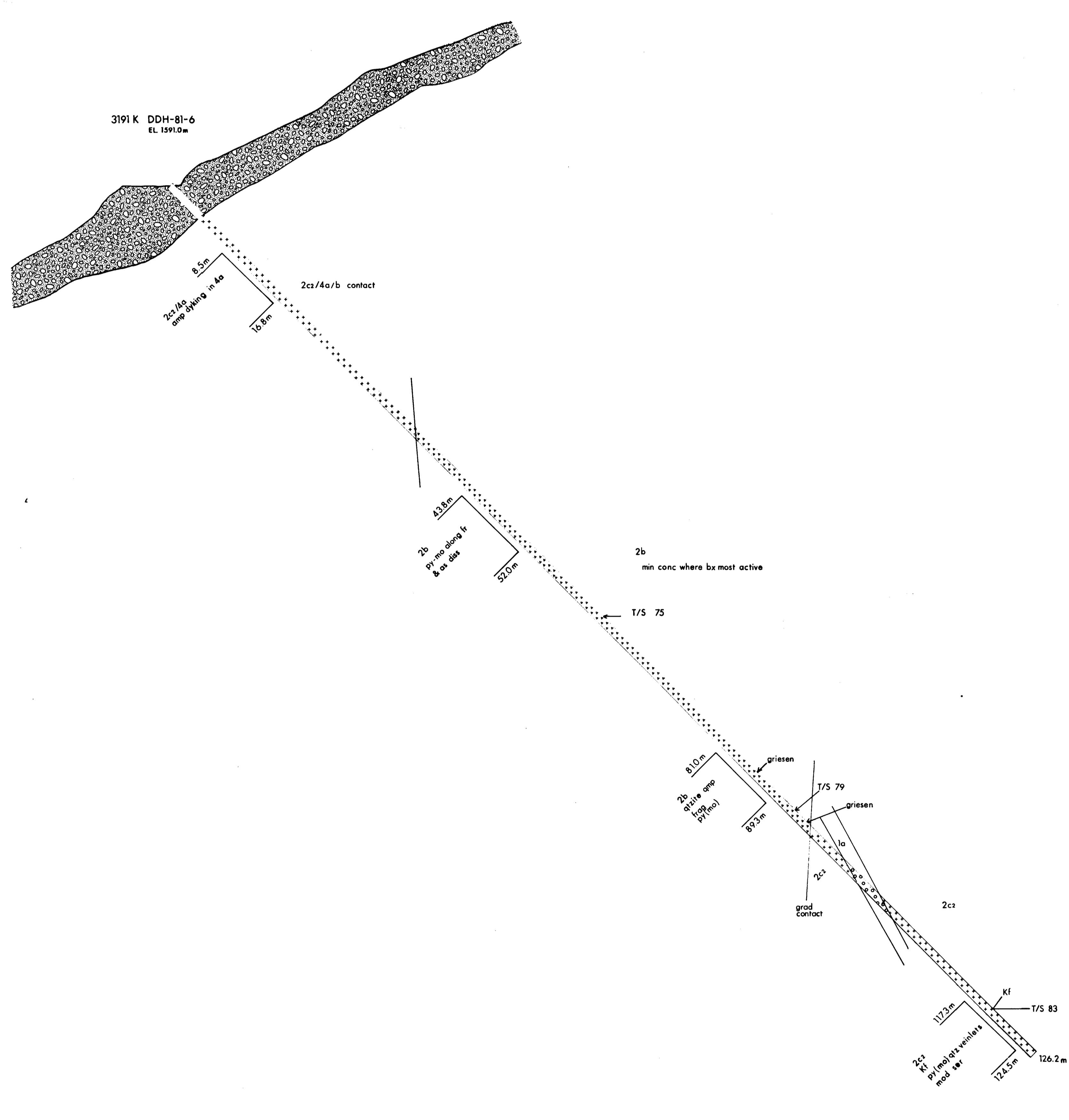
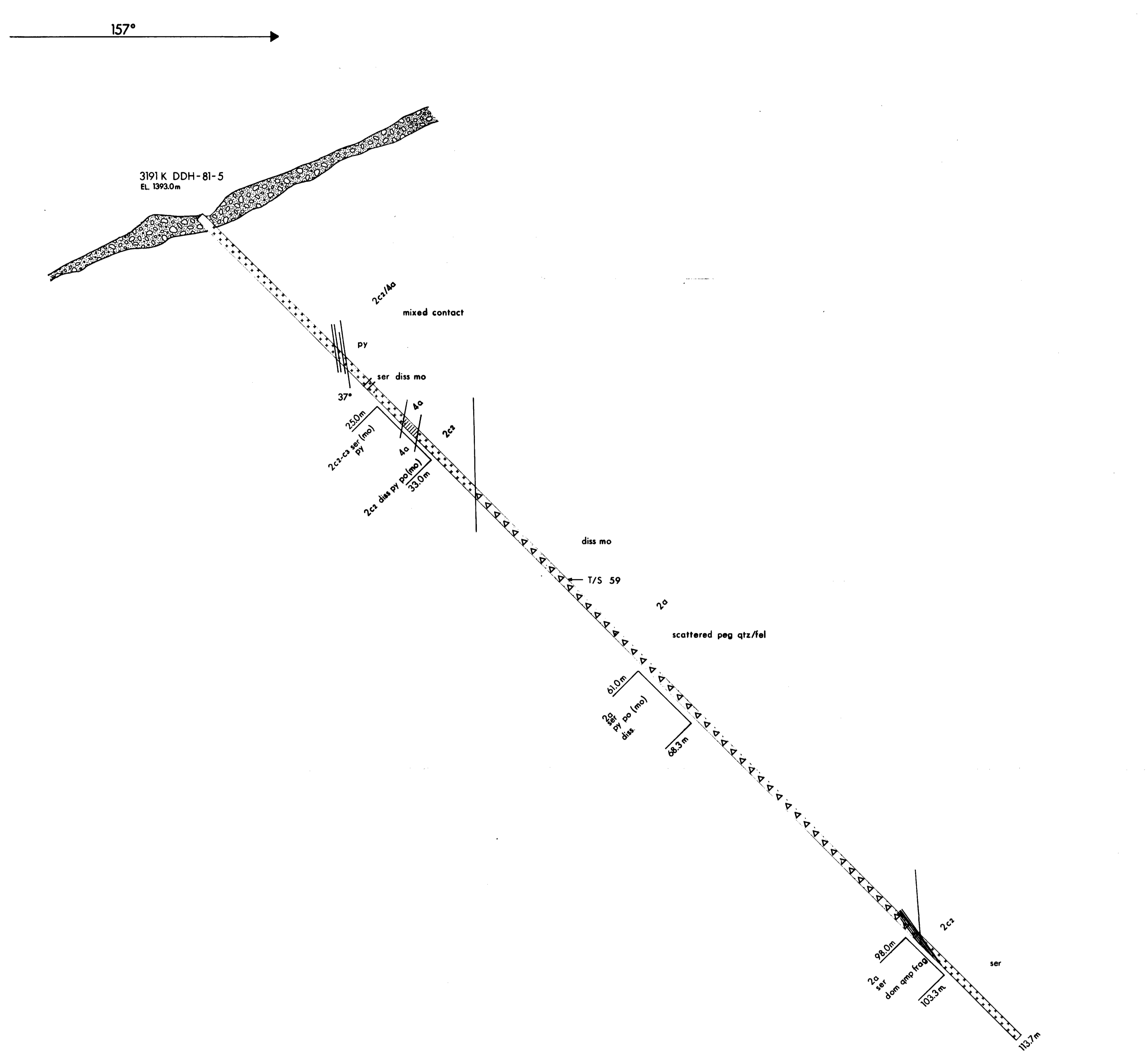
Author: G. TURNER Date: 1977, 1981 Scale: 1:1000 Drawing No.: 17  
 Checked: Enclosure No.:



- Post-Coryell**
- 1. Late Diking**
- a) **Lamprophyre**
- fine grained
  - biotite rich, extensively altered to Fe-chlorite
  - scattered pyrite
  - porphyritic (1 mm - 2 mm) phenocrysts altered to calcite, rarely epidote
  - minor sericite replacement of feldspar
- b) **Feldspar Porphyry**
- fine phenocrysts 1-2 mm dia
  - matrix to slightly altered
  - fine grained dact. matrix
- 2. Coryell-Alton**
- a) **Phase I Breccia**
- in homogeneous, irregular
  - highly variable
  - sericite replacement of plagioclase
  - recrystallized quartz, 10 mm. dia.
  - fragments consist of (in decreasing order of abundance)
  - hornfels
  - skarn
  - quartz monzonite porphyry
  - silts
- b) **Phase II Breccia**
- in homogeneous
  - medium grained
  - moderate to intense sericitization of plagioclase
  - large patches of precrystallized calcite
  - matrix altered to sphene, calcite, sericite
  - cruciform by calcite, calcite-sericite veins
  - plagioclase, recrystallized
  - fragments consist of
  - skarn
  - quartz monzonite porphyry
  - silts
  - hornfels
  - multivanate (pyrite-pyrrhotite) content
  - highly variable
- c) **Quartz Monzonite Porphyry**
- hypidiomorphic-granular
  - occasional feldspar porphyritic
  - alteration (intense/argillite) from intense to absent and/or pervasive or as quartz vein selvages
  - selective replacement of plagioclase by sericite along mineral boundaries
  - in places quartz porphyritic
  - 1) porphyritic
  - 2) porphyritic
  - 3) megacrystic
- 4. Hill Sedimentary Formation**
- a) **Hornfels (Argillite)**
- fine grained, dark green to light grey in color
  - well indurated
  - in places elliptic, bleached
  - in places recognized as argillite
- b) **Skarn**
- green-dipside skarn similar to the green tangent skarn
  - foliated
  - sericite alteration/gneissification

- 70P // contact (degrees to core axis)
- 45P // foliated (degrees to core axis)
- 50P // fault (degrees to core axis)
- br // brecciated
- A // minor siltite
- py // pyrite
- po // pyrrhotite
- mo // monzonite
- ml // trace monzonite
- sch // schist
- sh // schist
- ol // olivine
- sp // sphene
- mn // manganese
- sw // sphene
- qtz // quartz
- ser // sericite
- kt // potassium feldspar
- al // alite
- fr // fracture
- ml // envelope
- fil // filament
- mas // massive
- peg // pegmatite
- mf // microfide cavities
- T/107 // thin section location

MINERAL RESOURCE DIVISION  
 10072  
 part 3  
 of 3



- Post-Coryell
- Late Dying
    - Lampophyre
      - fine grained
      - matrix extensively altered to Fe-chlorite
      - interstitial pyrite
      - porphyritic (1 mm - 2 mm) phenocrysts altered to calcite, sericite, epidote
      - minor sericite replacement of feldspar
    - Feldspar Porphyry
      - fine phenocrysts 1-2 mm dia
      - fresh to slightly altered
      - fine grained matrix
  - Coryell Masses
    - Phase I Breccia
      - in homogeneous, inequigranular
      - highly altered matrix
      - sericite replacement of plagioclase
      - sericite replacement of feldspar
      - sericite replacement of quartz, sericite
      - fragments consist of in decreasing order of abundance:
        - hornfels
        - skarn
        - quartz monzonite porphyry
        - sericite
    - Phase II Breccia
      - in homogeneous
      - medium grained
      - moderate to intense sericitization of plagioclase
      - large patches of precipitated calcite
      - matrix altered to sericite, calcite, sericite
      - crossed by calcite, calcite-sericite veins
      - plagioclase, sericite
      - fragments consist of
        - skarn
        - hornfels
        - quartz monzonite porphyry
        - sericite
        - pyrite-pyrrhotite contact
        - highly variable
    - Quartz Monzonite Porphyry
      - hypidiomorphic granular
      - potassium feldspar porphyritic
      - alteration (locally/argillaceous) from intense to absent either pervasive or as quartz vein envelopes
      - selective replacement of plagioclase by sericite along crystal boundaries
      - in place quartz porphyritic
        - sericite
        - porphyritic
        - sericitic
  - Host Sedimentary Formation
    - Hornfels (Argillite)
      - fine grained, dark green to light grey in color
      - well indurated
      - in place siltite, bleached
      - in place recognized as argillite
    - Skarn
      - garnet-clinopyroxene skarn similar to the above argillite skarn
      - foliated
      - garnet-clinopyroxene/sericite

- 730 contact (degrees to core axis)
- 450 faulted (degrees to core axis)
- 500 fault (degrees to core axis)
- A brecciated
- pyrite
- pyrrhotite
- mo monzonite
- trm trachyte
- sch schist
- ch chlorite
- ep epidote
- mn manganese
- sp sericite
- qtz quartz
- pl plagioclase
- mf/mnt microcline
- fil feldspar
- mas massive
- peg pegmatite
- calc calcite
- 7/5107 thin section location

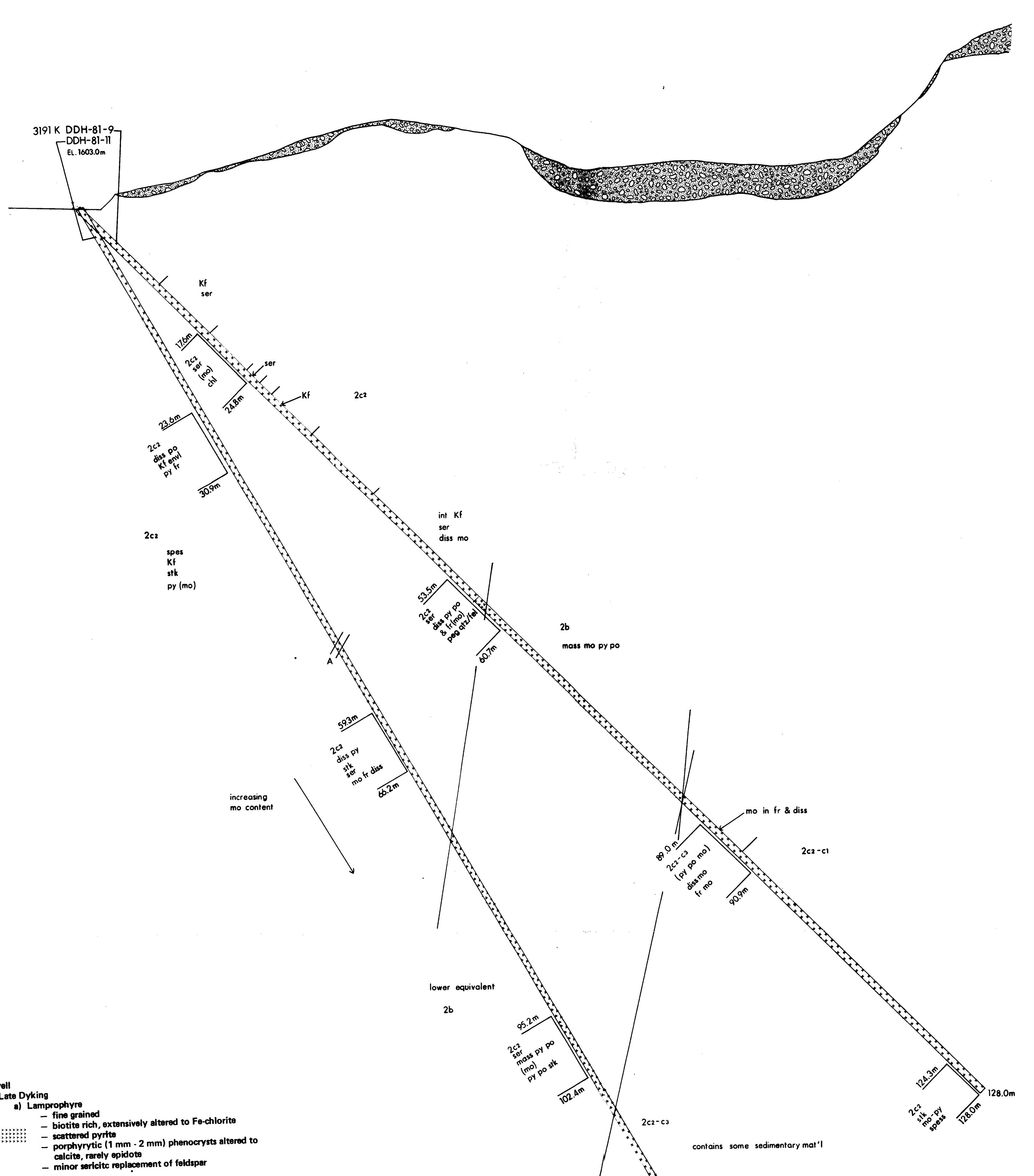
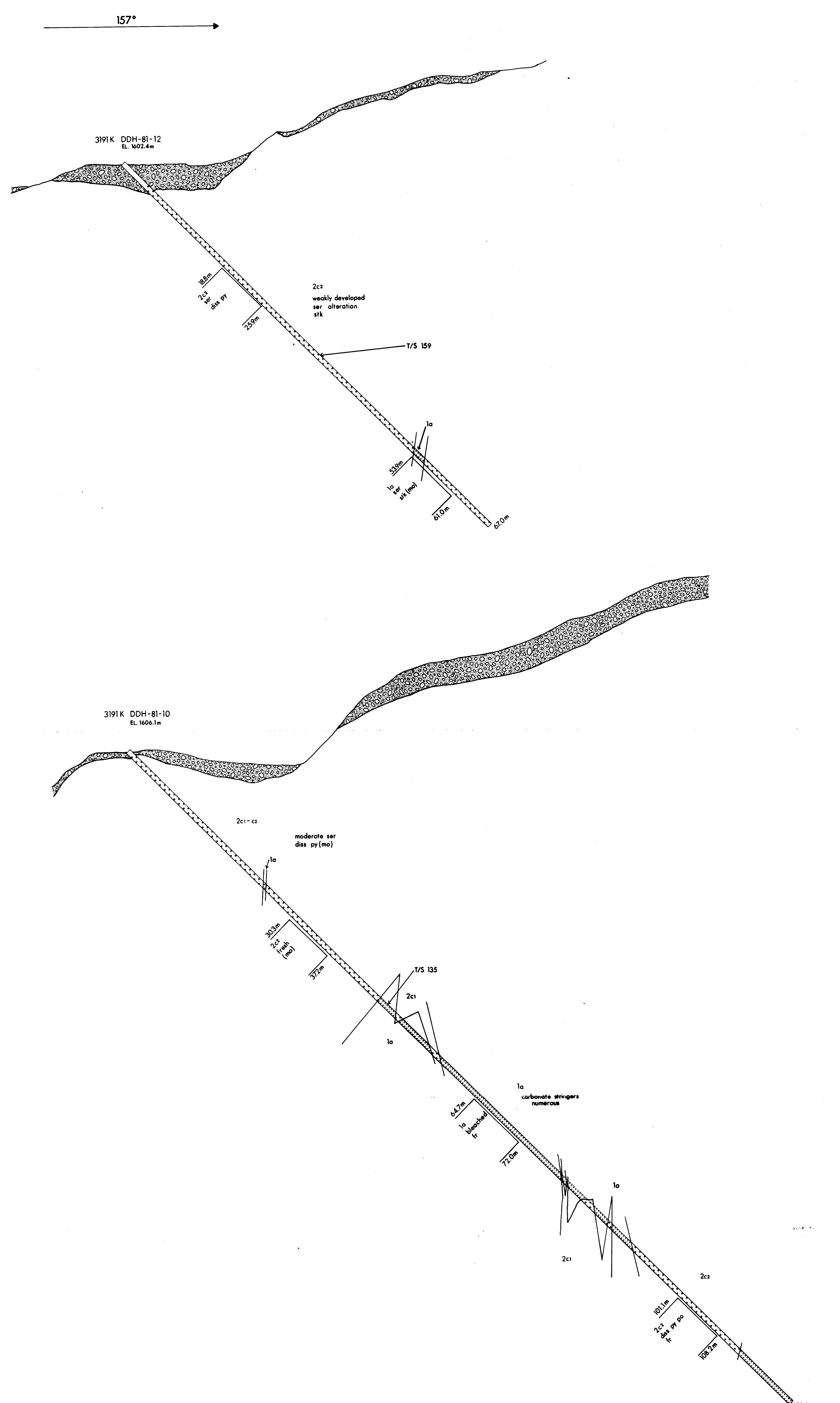
SCALE 1:250

BRILL CANADA RESOURCES LIMITED  
EXPLORATION - MINERALS

3991 K  
YMIR PROJECT, B.C.  
CROSS-SECTION - DDH 81, 5, 6, 7, 8  
GEOLOGY

FIG. 47

MINERAL RESOURCES CANADA  
10072  
part  
3 of 3



- Post-Coryell
1. Late Dyrking
- a) Lamprophyre
- fine grained
  - biotite rich, extensively altered to Fe-chlorite
  - scattered pyrite
  - porphyritic (1 mm - 2 mm) phenocrysts altered to calcite, rarely epidote
  - minor sericite replacement of feldspar
- b) Feldspar Porphyry
- fine phenocrysts 1-2 mm dia
  - fresh to slightly altered
  - fine grained diastatic matrix
2. Coryell Alston
- a) Phase I Breccia
- in homogeneous, inequigranular
  - highly altered matrix
  - saussurization
  - sericite replacement of plagioclase
  - recrystallized quartz, if mo, chl.
  - fragments consist of (in decreasing order of abundance)
    - hornfels
    - skarn
    - quartz monzonite porphyry
    - apatite
- b) Phase II Breccia
- in homogeneous
  - medium grained
  - moderate to intense sericitization of plagioclase
  - large patches of precipitated calcite
  - matrix altered to sphene, calcite, sericite
  - crosscut by calcite, calcite-sericite veins
  - matrix granulated, recrystallized
  - fragments consist of
    - quartz monzonite porphyry
    - skarn
    - hornfels
    - molybdenite/pyrite-pyrrhotite content
    - highly variable
- c) Quartz Monzonite Porphyry
- hypidiomorphic-granular
  - potassium feldspar porphyritic
  - alteration (locally/argillite) from intense to absent either pervasive or as quartz vein selvages
  - selective replacement of plagioclase by sericite along zonal boundaries
  - in place quartz porphyritic
- 1) equigranular  
2) porphyritic  
3) megacrystic
4. Hill Sedimentary Formation
- LT 116 a) Hornfels (Argillite)
- fine grained, dark green to light grey in color
  - well indurated
  - in place siliceous, bleached
  - in place recognized as argillite
- LT 996 b) Skarn
- garnet-dioctahedron skarn similar to the arrow tungsten skarn
  - foliatted
  - garnets and/or andalusite

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- 70° contact (degrees to core axis)
- 45° foliated (degrees to core axis)
- 50° fault (degrees to core axis)
- brcciated
- A minor apatite
- py pyrite
- po pyrrhotite
- mo molybdenite
- (mo) trace molybdenite
- sch schaeffite
- chl chlorite
- ep epidote
- mn manganese
- spes spessartine
- stk quartz stockwork
- ser sericite
- kt potassium feldspar
- sil sillified
- fr fracture
- sl/envl vein selvages/envelopes
- dis disseminated
- mass massive
- peg pegmatitic
- mir mirrolitic cavities
- 1/S107 thin section location

SCALE 1:250  
 0 5 10 15 m

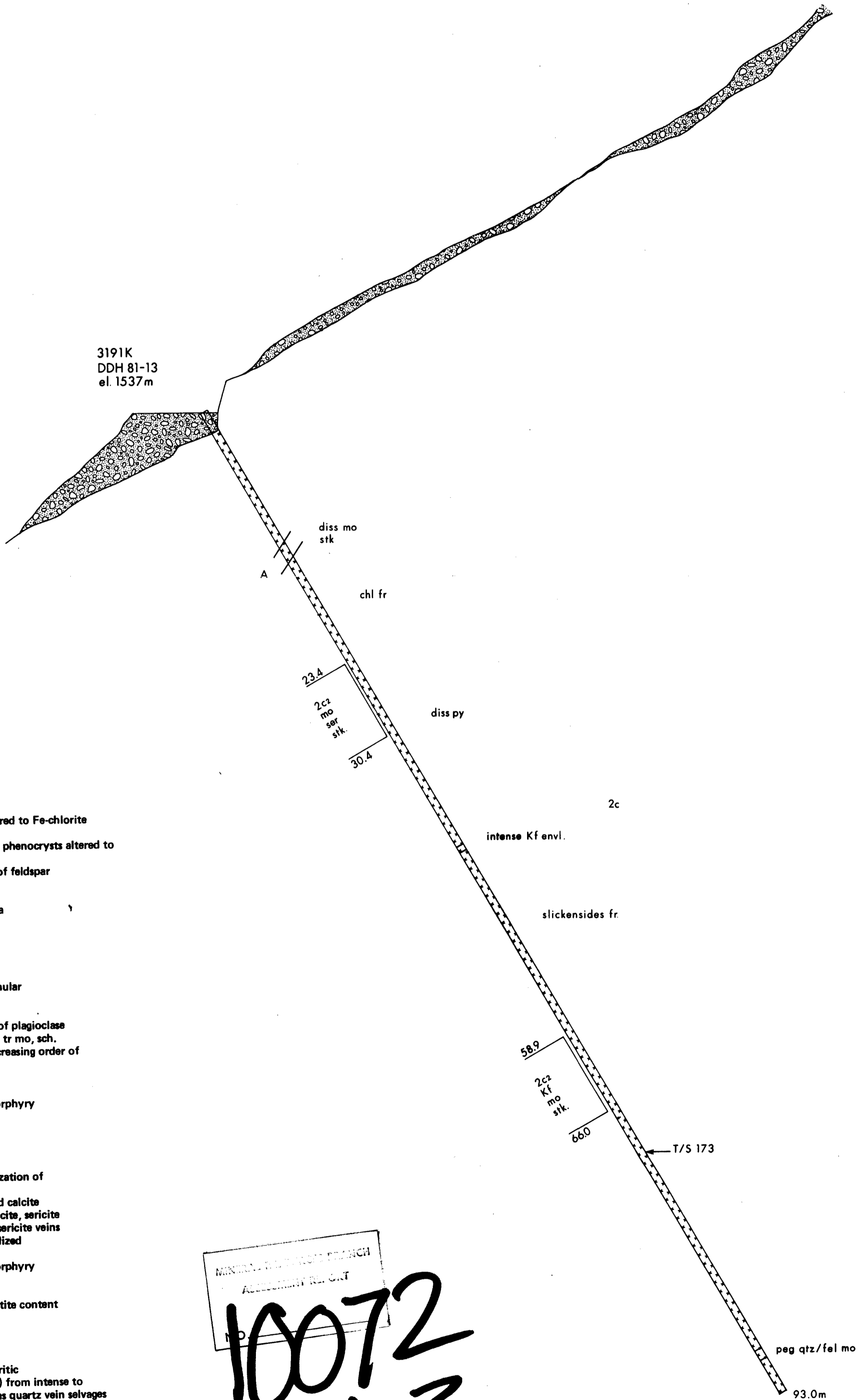
SHELL CANADA RESOURCES LIMITED  
 EXPLORATION - MINERALS

3191 K  
 PROJECT - B.C.  
 CROSS-SECTION - DDH-81, 9, 10, 11, 12  
 GEOLOGY

FIG. 48

AUTHOR: G. TURNER    SCALE: 1:250    DRAWING NO. VE-012  
 DATE: DEC. 81    REVISION:    ENCLOSURE NO.    1  
 BY: Anonymous

3191K  
DDH 81-13  
el. 1537m



Post-Coryell

1. Late Dyking

- LT 973 a) Lamprophyre
- fine grained
  - biotite rich, extensively altered to Fe-chlorite
  - scattered pyrite
  - porphyritic (1 mm - 2 mm) phenocrysts altered to calcite, rarely epidote
  - minor sericitic replacement of feldspar

- LT 970 b) Feldspar Porphyry
- fine phenocrysts 1-2 mm dia
  - fresh to slightly altered
  - fine grained dacitic matrix

2. Coryell-Nelson

- LT 240 a) Phase I Breccia
- in homogeneous, inequigranular
  - highly altered matrix
  - saussuritization
  - sericite replacement of plagioclase
  - recrystallized quartz, tr mo, sch.
  - fragments consist of (in decreasing order of abundance)
    - hornfels
    - skarn
    - quartz monzonite porphyry
    - aplite

- b) Phase II Breccia
- in homogeneous
  - medium grained
  - moderate to intense sericitization of plagioclase
  - large patches of precipitated calcite
  - augite altered to sphene, calcite, sericite
  - crosscut by calcite, calcite-sericite veins
  - places granulated, recrystallized
  - fragments consist of
    - quartz monzonite porphyry
    - skarn
    - hornfels
  - molybdenite/pyrite-pyrrhotite content highly variable

- c) Quartz Monzonite Porphyry
- hypidiomorphic-granular
  - potassium feldspar porphyritic
  - alteration (potassic/argillic) from intense to absent either pervasive or as quartz vein selvages
  - selective replacement of plagioclase by sericite along zonal boundaries
  - in places quartz porphyritic
- 1) equigranular
  - 2) porphyritic
  - 3) megacrystic

4. Hall Sedimentary Formation

- a) Hornfels (Argillite)
- fine grained, dark green to light grey in color
  - well indurated
  - in places silicic, bleached
  - in places recognized as argillite
- b) Skarn
- garnet-diopside skarn similar to the arrow tungsten skarn
  - foliated
  - garnets almandine/spessartine

- 70° / contact (degrees to core axis)
- 45° // foliated (degrees to core axis)
- 50° ~ fault (degrees to core axis)
- [Breccia symbol] brecciated
- A [Aplite symbol] minor aplite
- py pyrite
- po pyrrhotite
- mo molybdenite
- (mo) trace molybdenite
- sch schaeelite
- chl chlorite
- ep epidote
- mn manganese
- spes spessartine
- stk quartz stockwork
- ser sericite
- kf potassium feldspar
- sil silicified
- fr fracture
- sel/envl. vein selvages/envelopes
- diss disseminated
- mass massive
- peg pegmatitic
- mir miriolitic cavities
- T/S107 thin section location

MINERAL RESOURCES BRANCH  
ACQUISITION REPORT

10072  
part  
of 3

SCALE 1:250

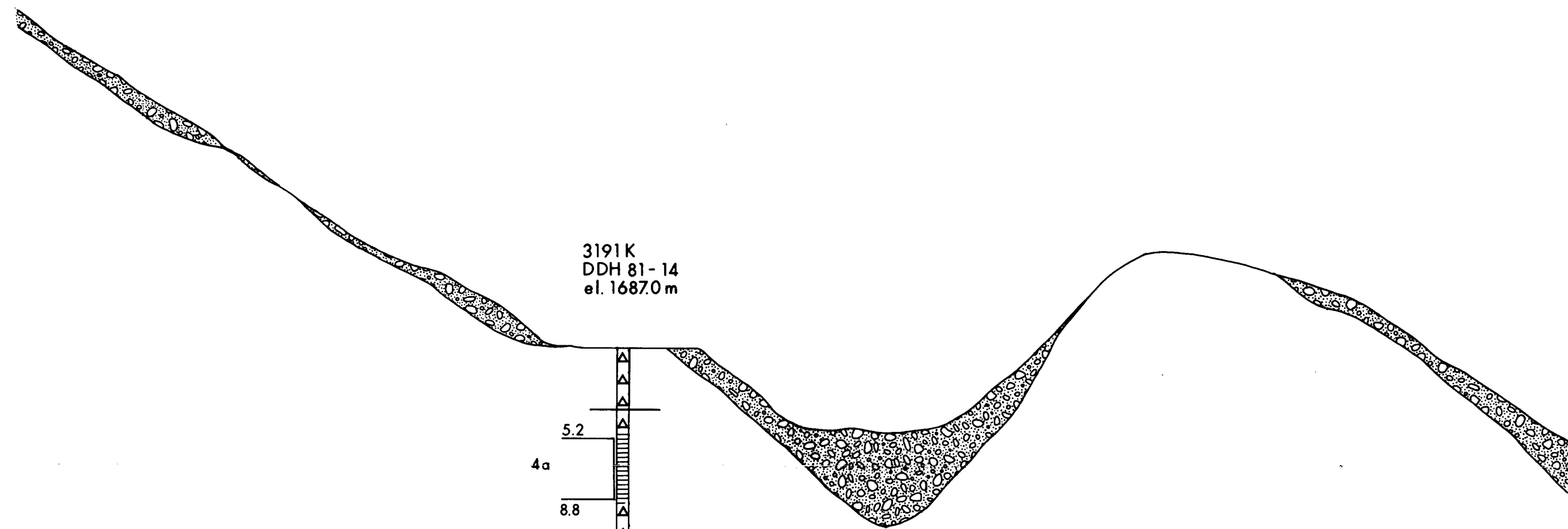


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EXPLORATION - MINERALS

3191 K  
YMR PROJECT - B.C.  
CROSS-SECTION - DDH-81-13  
GEOLOGY

FIG. 49

AUTHOR: G. TURNER	SCALE: 1:250	DRAWING No.: VK-111E
DATE: DEC. 81	REVISED:	ENCLOSURE No.:
To Accompany		



Post-Coryell

1. Late Dyking

a) Lamprophyre

- fine grained
- biotite rich, extensively altered to Fe-chlorite
- scattered pyrite
- porphyritic (1 mm - 2 mm) phenocrysts altered to calcite, rarely epidote
- minor sericitic replacement of feldspar

b) Feldspar Porphyry

- fine phenocrysts 1-2 mm dia
- fresh to slightly altered
- fine grained dacitic matrix

2. Coryell-Nelson

a) Phase I Breccia

- in homogeneous, inequigranular
- highly altered matrix
  - saussuritization
  - sericite replacement of plagioclase
  - recrystallized quartz, tr mo, sch.
- fragments consist of (in decreasing order of abundance)
  - hornfels
  - skarn
  - quartz monzonite porphyry
  - aplite

b) Phase II Breccia

- in homogeneous
- medium grained
- moderate to intense sericitization of plagioclase
- large patches of precipitated calcite
- augite altered to sphene, calcite, sericite
- crosscut by calcite, calcite-sericite veins
- places granulated, recrystallized
- fragments consist of
  - quartz monzonite porphyry
  - skarn
  - hornfels
- molybdenite/pyrite-pyrrhotite content highly variable

c) Quartz Monzonite Porphyry

- hypidiomorphic-granular
- potassium feldspar porphyritic
- alteration (potassic/argillic) from intense to absent either pervasive or as quartz vein selvages
- selective replacement of plagioclase by sericite along zonal boundaries
- in places quartz porphyritic
  - 1) equigranular
  - 2) porphyritic
  - 3) megacrystic

4. Hall Sedimentary Formation

a) Hornfels (Argillite)

- fine grained, dark green to light grey in color
- well indurated
- in places silicic, bleached
- in places recognized as argillite

b) Skarn

- garnet-diopside skarn similar to the arrow tungsten skarn
- foliated
- garnets almandine/spessartine

2a  
sil, sau  
py (mo) diss

carb vein  
metasedimentary  
'bands' clasts  
up to 1% py

T/S 182

1b

2a

4a/b  
py  
ep fr

mo

2a

1b

2a

4a chl

81.3 81.3

- 70° / contact (degrees to core axis)
- 45° / foliated (degrees to core axis)
- 50° / fault (degrees to core axis)
- brecciated
- A / minor aplite
- py pyrite
- po pyrrhotite
- mo molybdenite
- (mo) trace molybdenite
- sch schellite
- chl chlorite
- ep epidote
- mn manganese
- spes spessartine
- stk quartz stockwork
- ser sericite
- kf potassium feldspar
- sil silicified
- fr fracture
- sel/envl. vein selvages/envelopes
- diss disseminated
- mass massive
- peg pegmatic
- mir miriolitic cavities
- T/S107 thin section location

SCALE 1:250

0 5 10 15m

MINERAL RESOURCES BRANCH  
ADVISORY REPORT  
10072  
part 3  
of 3

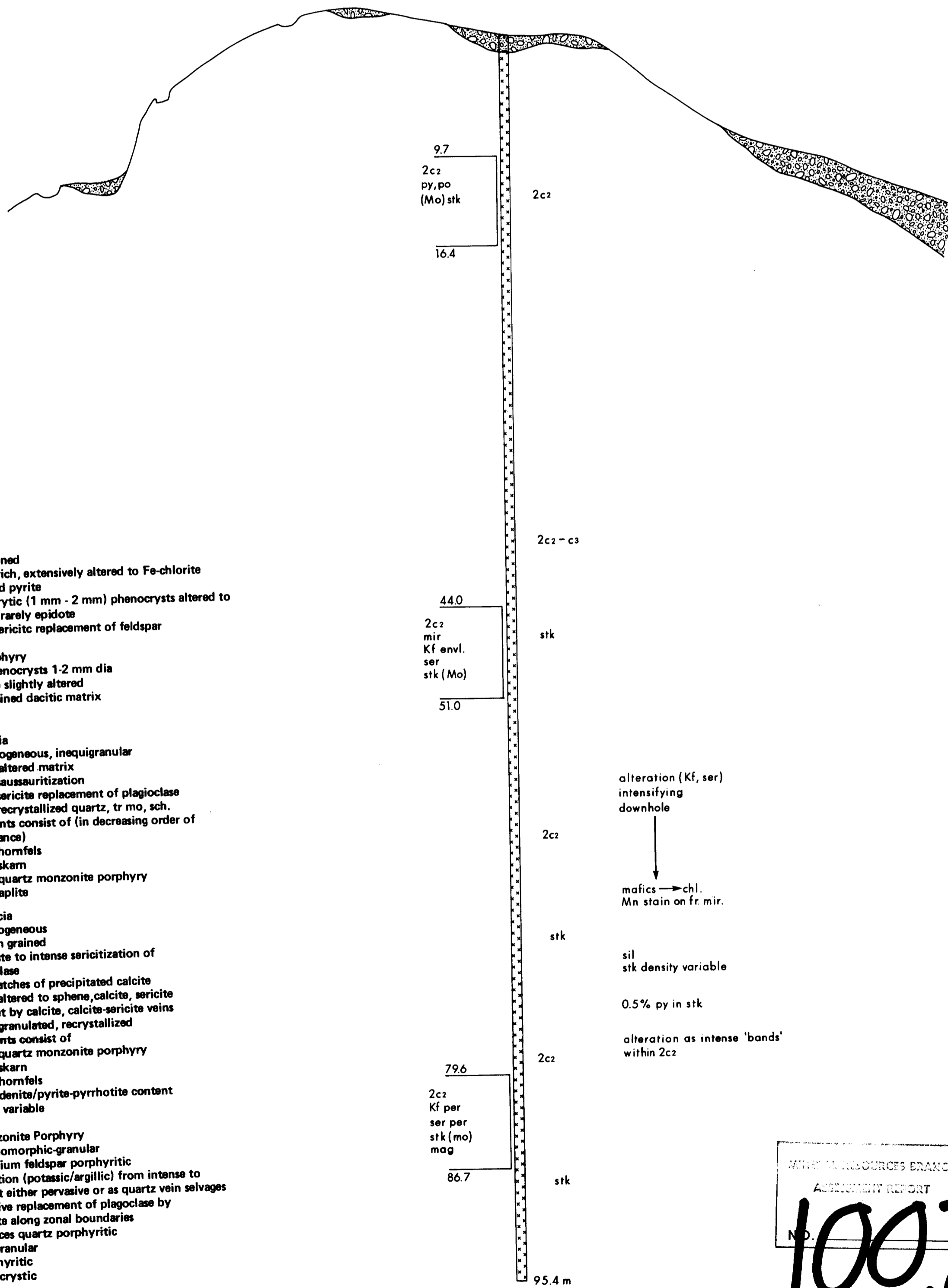
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EXPLORATION - MINERALS

3191 K  
YMIR PROJECT - B.C.  
CROSS-SECTION - DDH-81-14  
GEOLOGY

FIG. 50

AUTHOR: G. TURNER SCALE: 1:250 DRAWING No.: YK-11/C  
DATE: DEC. 81 REVISED: ENCLOSURE No.:  
To Accompany

3191K  
DDH 81-16  
el. 1685.0m



Post-Coryell

1. Late Dyking

- a) Lamprophyre
- fine grained
  - biotite rich, extensively altered to Fe-chlorite
  - scattered pyrite
  - porphyritic (1 mm - 2 mm) phenocrysts altered to calcite, rarely epidote
  - minor sericitic replacement of feldspar
- b) Feldspar Porphyry
- fine phenocrysts 1-2 mm dia
  - fresh to slightly altered
  - fine grained dacitic matrix

2. Coryell-Nelson

- a) Phase I Breccia
- in homogeneous, inequigranular
  - highly altered matrix
  - saussuritization
  - sericite replacement of plagioclase
  - recrystallized quartz, tr mo, sch.
  - fragments consist of (in decreasing order of abundance)
    - hornfels
    - skarn
    - quartz monzonite porphyry
    - aplite

- b) Phase II Breccia
- in homogeneous
  - medium grained
  - moderate to intense sericitization of plagioclase
  - large patches of precipitated calcite
  - augite altered to sphene, calcite, sericite
  - crosscut by calcite, calcite-sericite veins
  - places granulated, recrystallized
  - fragments consist of
    - quartz monzonite porphyry
    - skarn
    - hornfels
    - molybdenite/pyrite-pyrrhotite content highly variable

- c) Quartz Monzonite Porphyry
- hypidiomorphic-granular
  - potassium feldspar porphyritic
  - alteration (potassic/argillic) from intense to absent either pervasive or as quartz vein selvages
  - selective replacement of plagioclase by sericite along zonal boundaries
  - in places quartz porphyritic
  - 1) equigranular
  - 2) porphyritic
  - 3) megacrystic

4. Hall Sedimentary Formation

- a) Hornfels (Argillite)
- fine grained, dark green to light grey in color
  - well indurated
  - in places silicic, bleached
  - in places recognized as argillite
- b) Skarn
- garnet-diopside skarn similar to the arrow tungsten skarn
  - foliated
  - garnets almandine/spessartine

alteration (Kf, ser)  
intensifying  
downhole

matrics → chl.  
Mn stain on fr mir.

sil  
stk density variable

0.5% py in stk

alteration as intense 'bands'  
within 2c2

- 70° contact (degrees to core axis)
- 45° foliated (degrees to core axis)
- 50° fault (degrees to core axis)
- brecciated
- A minor aplite
- py pyrite
- po pyrrhotite
- mo molybdenite
- (mo) trace molybdenite
- sch schellite
- chl chlorite
- ep epidote
- mn manganese
- spes spessartine
- stk quartz stockwork
- ser sericite
- kf potassium feldspar
- sil silicified
- fr fracture
- sel/envl vein selvages/envelopes
- dis disseminated
- mass massive
- peg pegmatitic
- mir miriolitic cavities
- T/S107 thin section location

MINERAL RESOURCES BRANCH  
ASSESSMENT REPORT  
NO.

10072  
part 3  
of 3

SCALE 1:250  
0 5 10 15 m

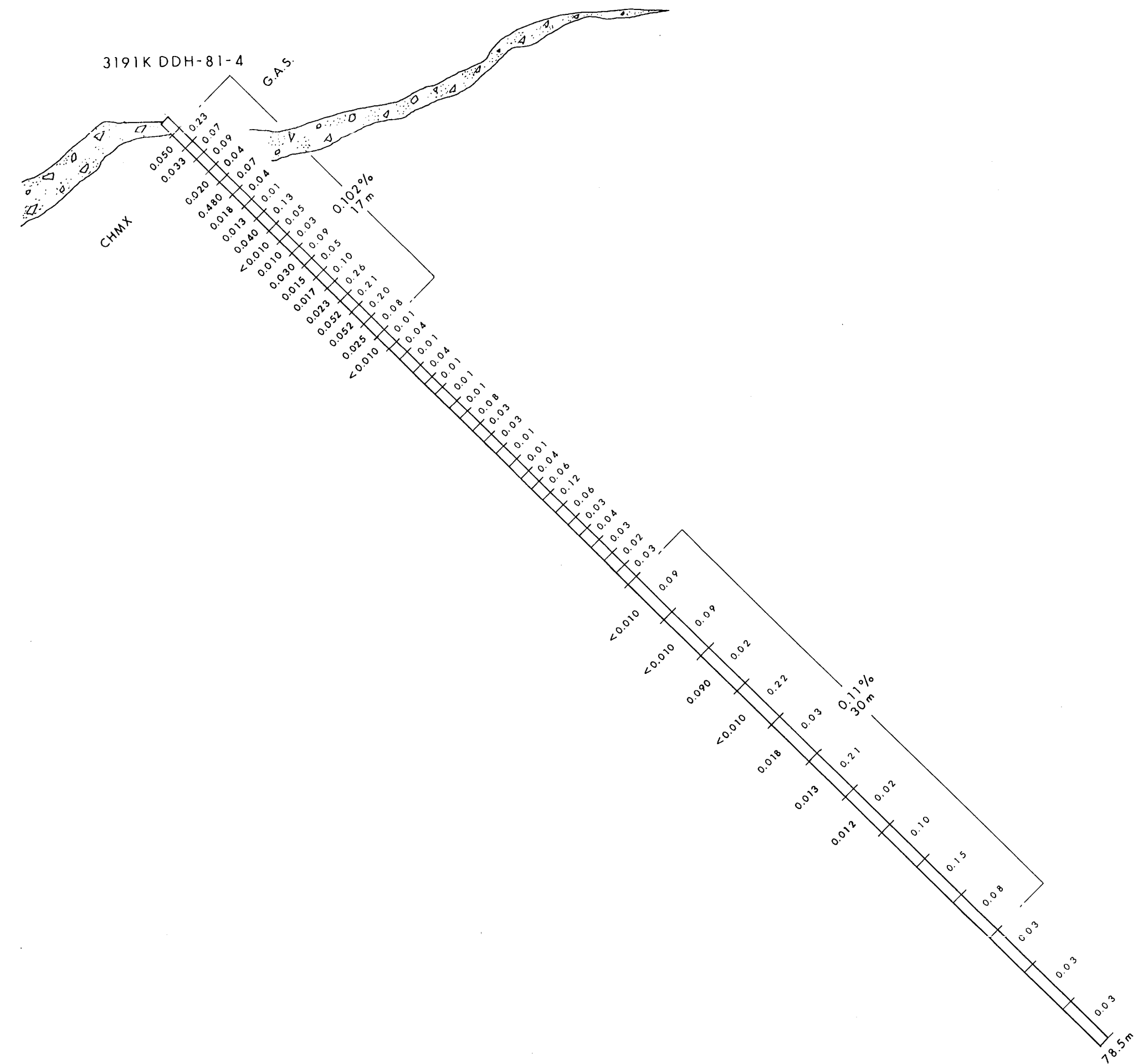
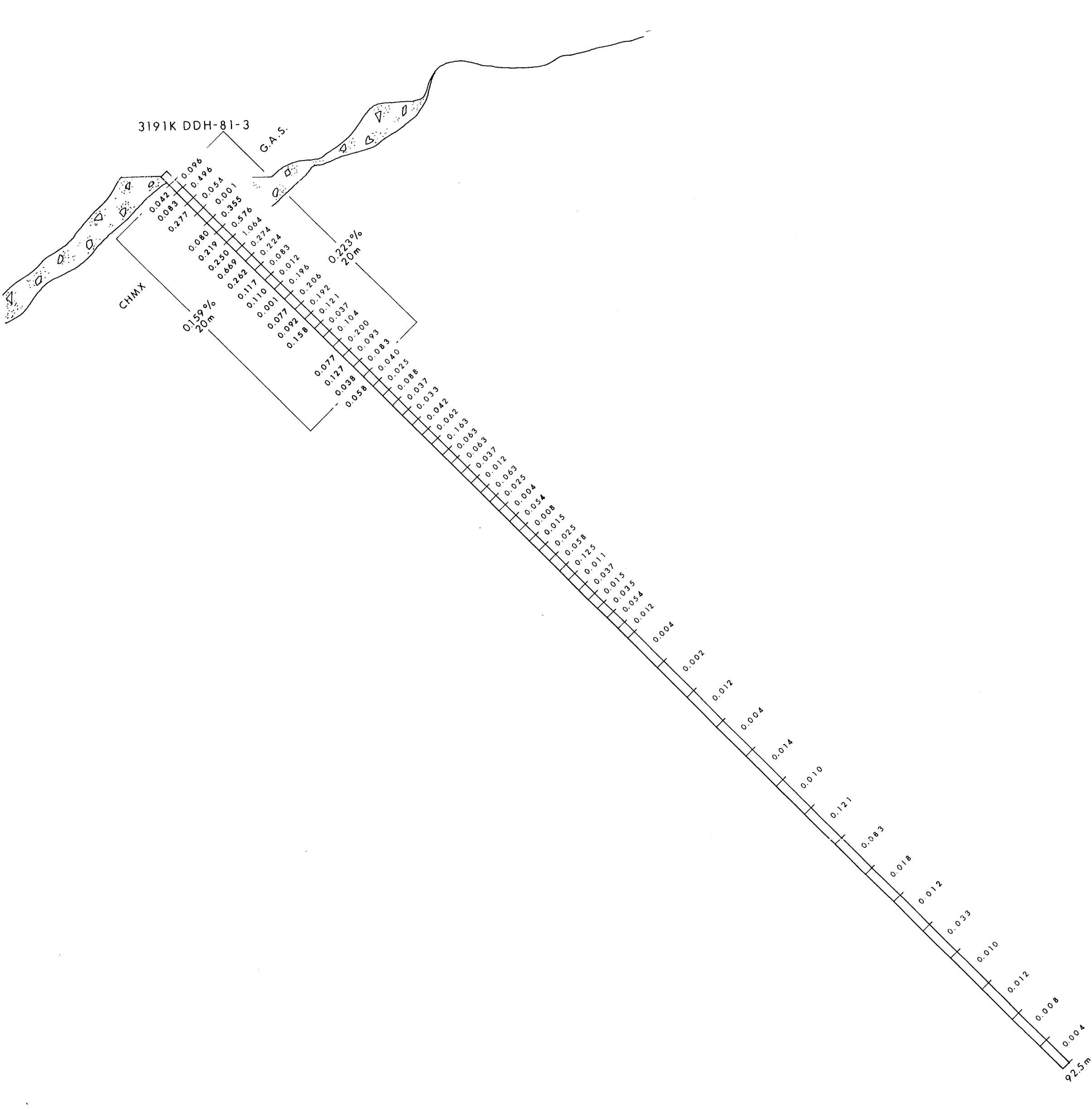
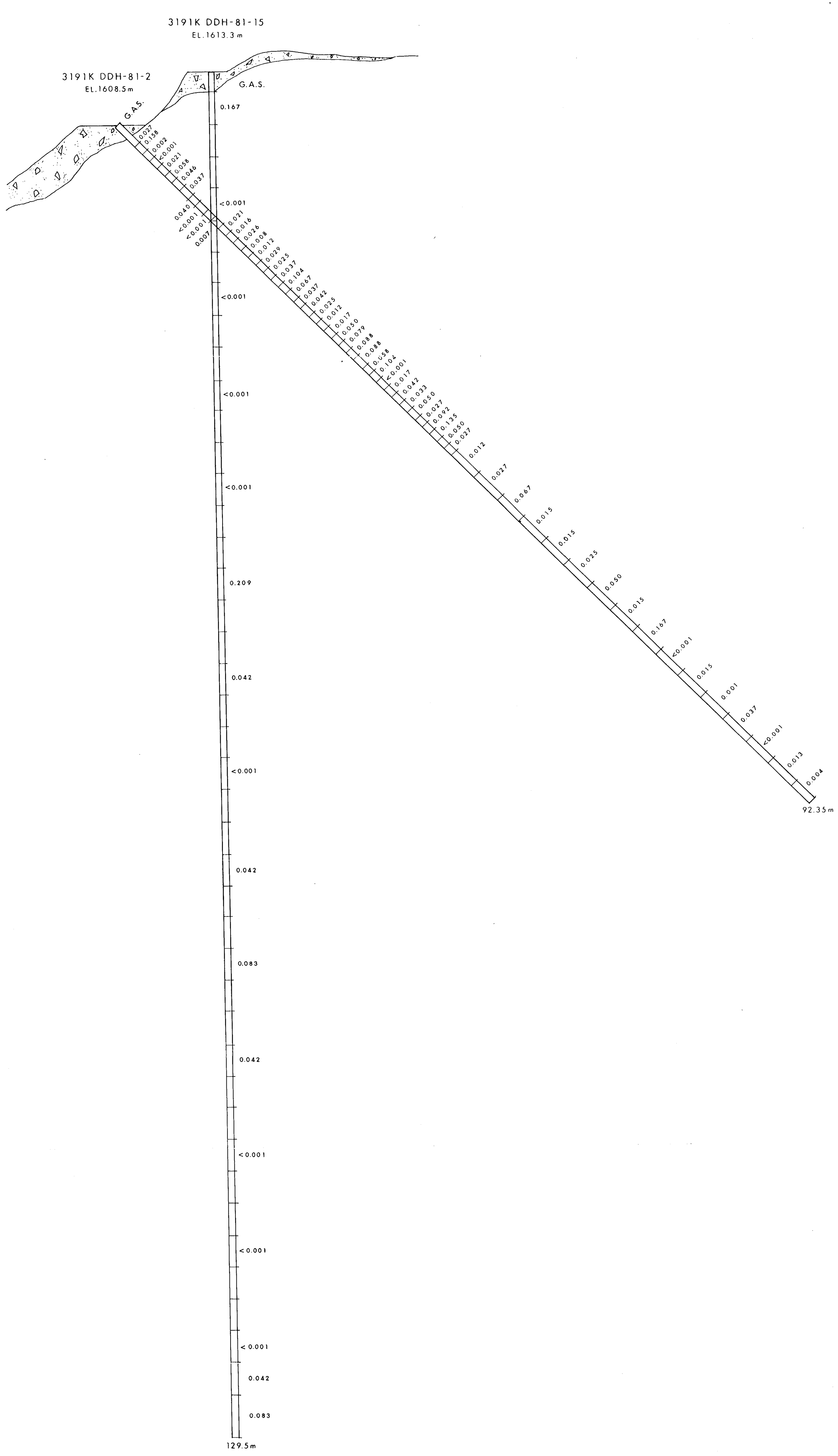
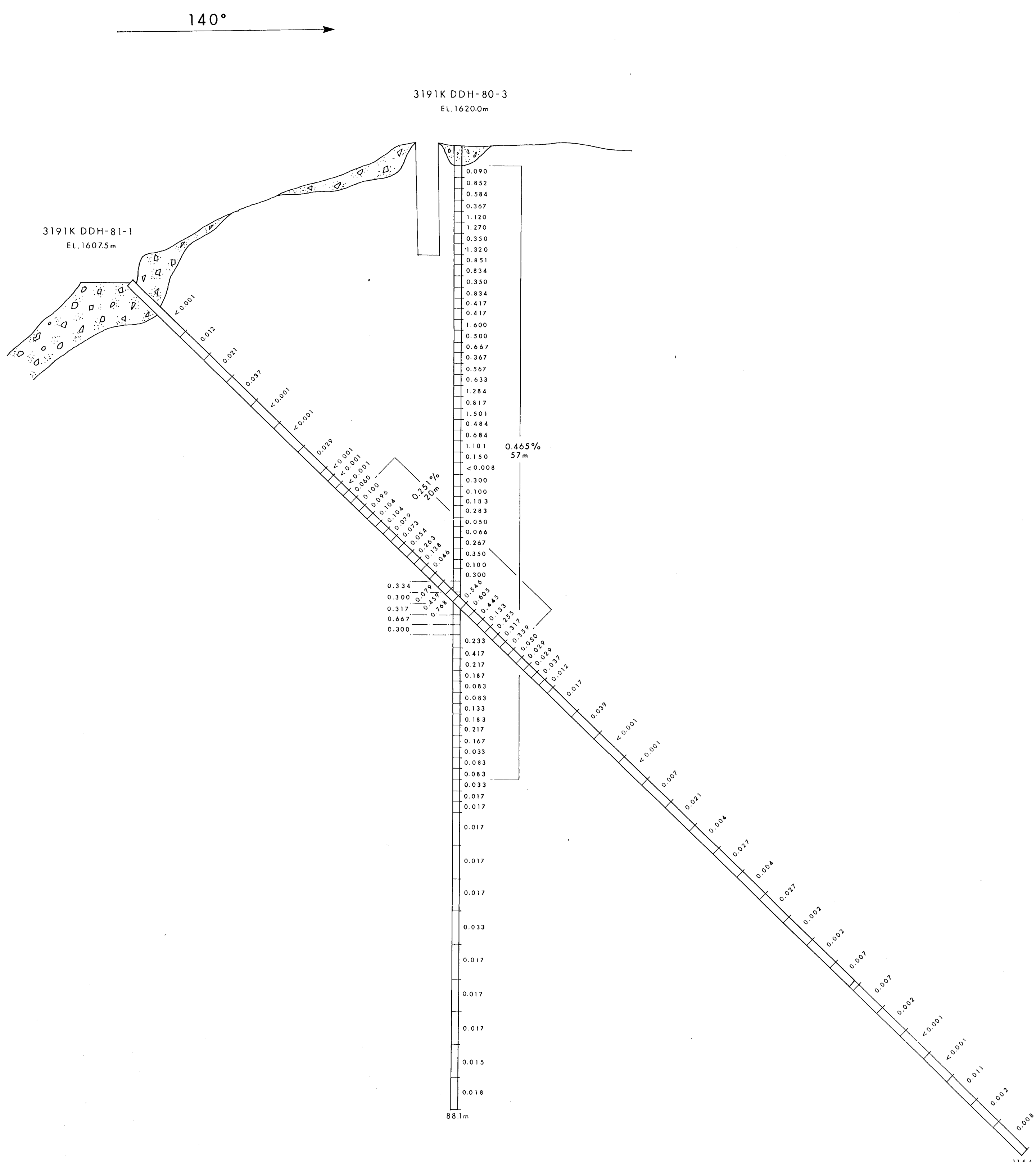
SHELL CANADA RESOURCES LIMITED  
EXPLORATION - MINERALS

3191 K  
YMIR PROJECT - B.C.  
CROSS-SECTION - DDH-81-16  
GEOLOGY

FIG. 51

AUTHOR: G. TURNER SCALE: 1:250 DRAWING No.: VK-1112  
DATE: DEC. 81 REVISION: ENCLOSURE No.:  
To Accompany





10072  
part 3  
of 3

G.A.S. = GEO ANALYTICAL SERVICES LTD.  
CHMX = CHEMEX  
OVERBURDEN  
ASSAY INTERVAL

SCALE 1:250  
0 5 10 15 m

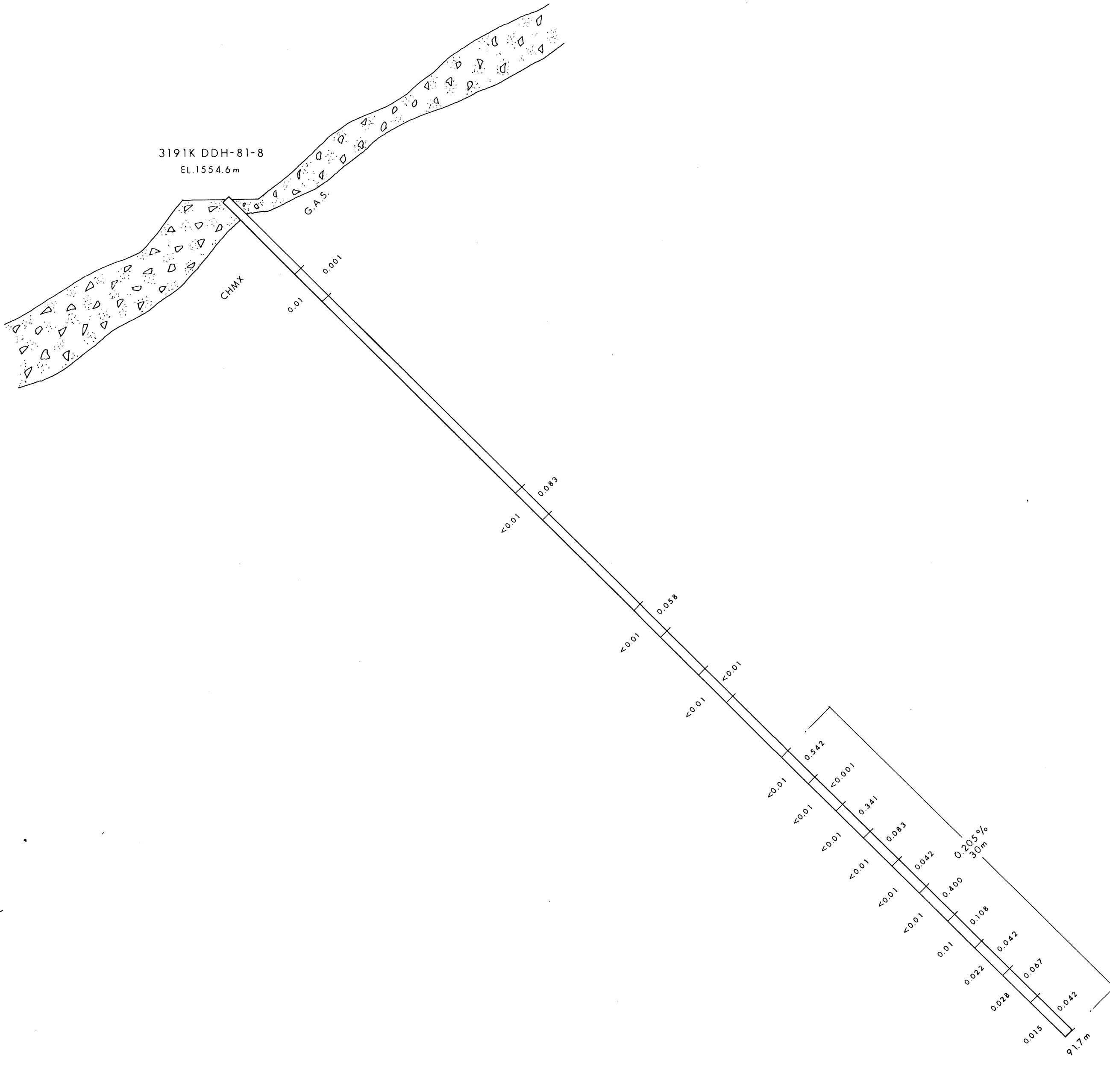
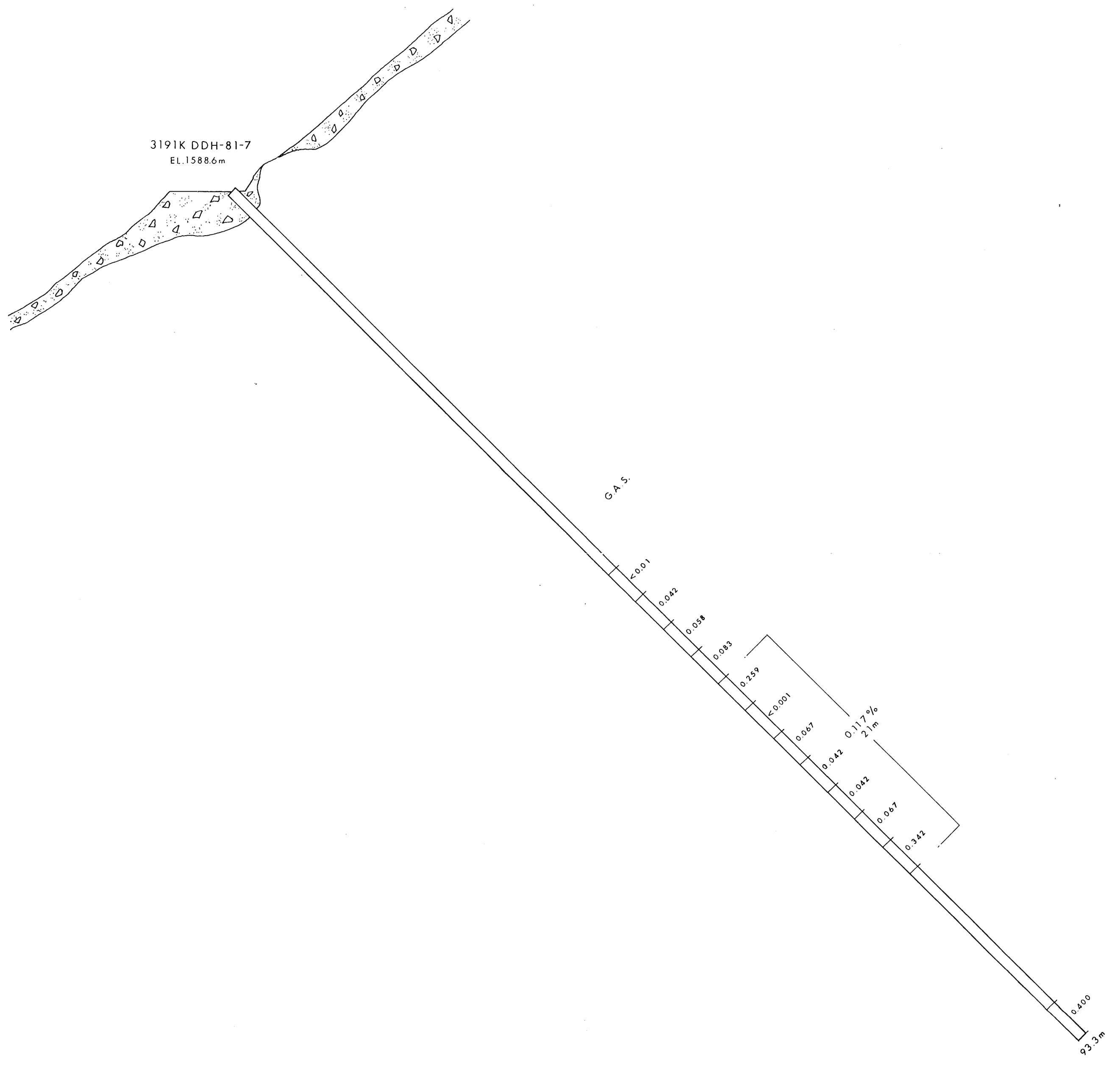
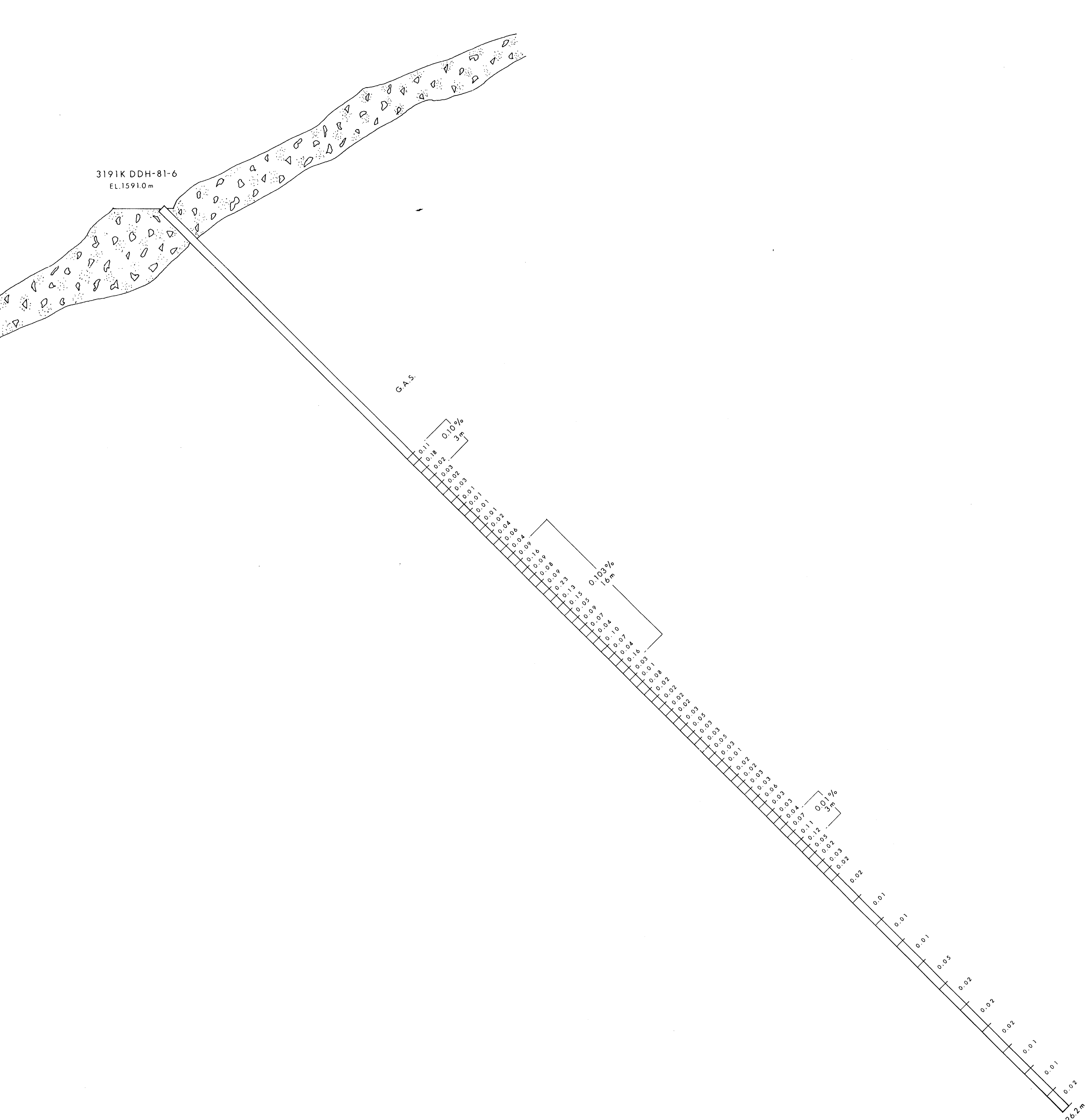
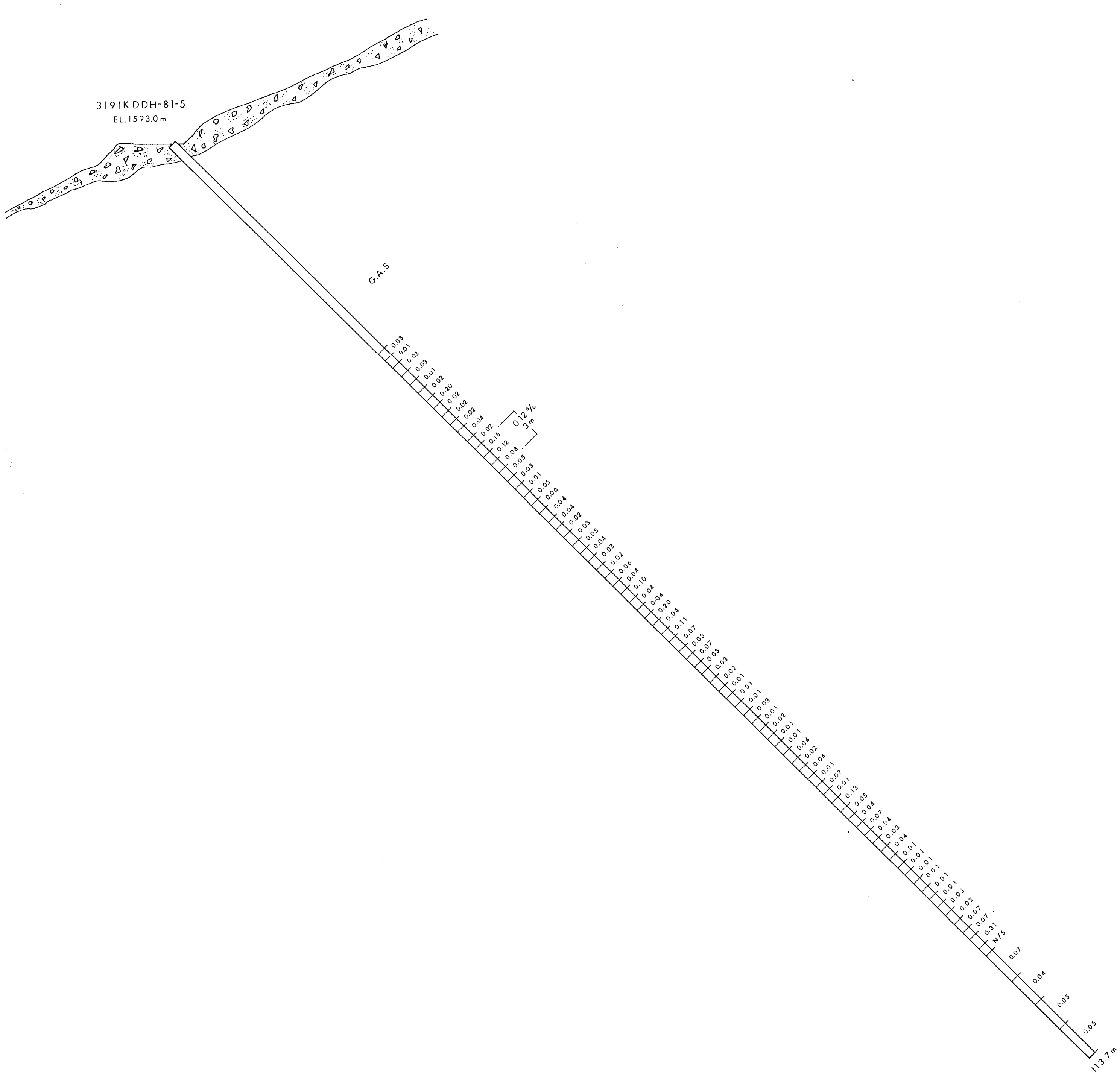
SWELL CANADA RESOURCES LIMITED  
EXPLORATION - MINERALS

3191 K  
YMR PROJECT - B.C.  
CROSS-SECTION - DDH-80-3  
DDH-81-2, 3, 4, 15  
ASSAY RESULTS - MOLYBDENUM  
FIG. 52

DATE: OCT. 81 REVISED: 11-1-82  
BY: [Signature] DESIGNED: [Signature]

NOTE:  
ASSAY RESULTS COMPLETED BY GEO.  
ANALYTICAL SERVICES LTD. ARE OPEN TO  
QUESTION AS CHECK RESULTS COMPLETED  
BY CHEMEX LABS (ALBERTA) LTD. AND BY  
BARRINGER MAGENTA LTD. CORRESPOND  
WITH EACH OTHER AND WITH THE VISUAL  
ESTIMATES OF THE MoS<sub>2</sub> CONTENT OF THE  
DIAMOND DRILL CORE.

157°



10072  
part 3  
of 3

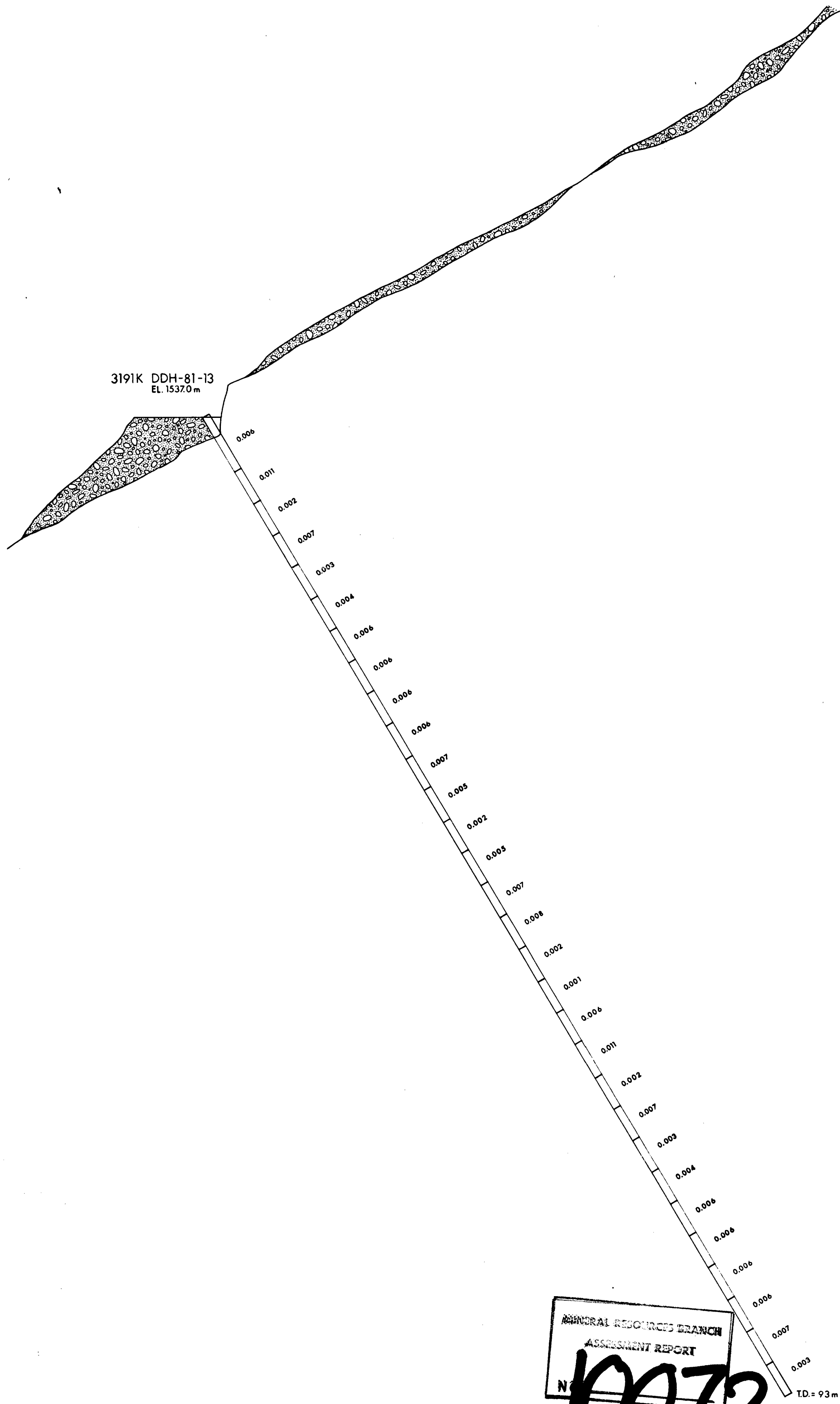
G.A.S. = GEO ANALYTICAL SERVICES LTD.  
CHMX = CHEMEX  
OVERBURDEN  
ASSAY INTERVAL

SCALE 1:250  
0 5 10 15 m

NOTE:  
ASSAY RESULTS COMPLETED BY GEO,  
ANALYTICAL SERVICES LTD ARE OPEN TO  
QUESTION AS CHECK RESULTS COMPLETED  
BY CHEMEX LABS (ALBERTA) LTD. AND BY  
BARRINGER MAGENTA LTD. CORRESPOND  
WITH EACH OTHER AND WITH THE VISUAL  
ESTIMATES OF THE MSZ CONTENT OF THE  
DIAMOND DRILL CORE.

SHELL CANADA RESOURCES LIMITED  
EXPLORATION - MINERALS  
3191 K  
YMR PROJECT - B.C.  
CROSS-SECTION - DDH-81-5, 6, 7, 8  
ASSAY RESULTS - MOLYBDENUM  
FIG. 53  
AUTHOR: S. TURNER SCALE: 1:250 DRAWING NO.: YC-071  
DATE: OCT. 81 REVISION: 1 ENCLOSURE NO.:  
EX-000000





MINERAL RESOURCES BRANCH  
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**part**  
**3 of 3**

G.A.S. = GEO ANALYTICAL SERVICES LTD.  
CHMX = CHEMEX



OVERBURDEN



ASSAY INTERVAL

SCALE 1:250



SHELL CANADA RESOURCES LIMITED  
EXPLORATION - MINERALS

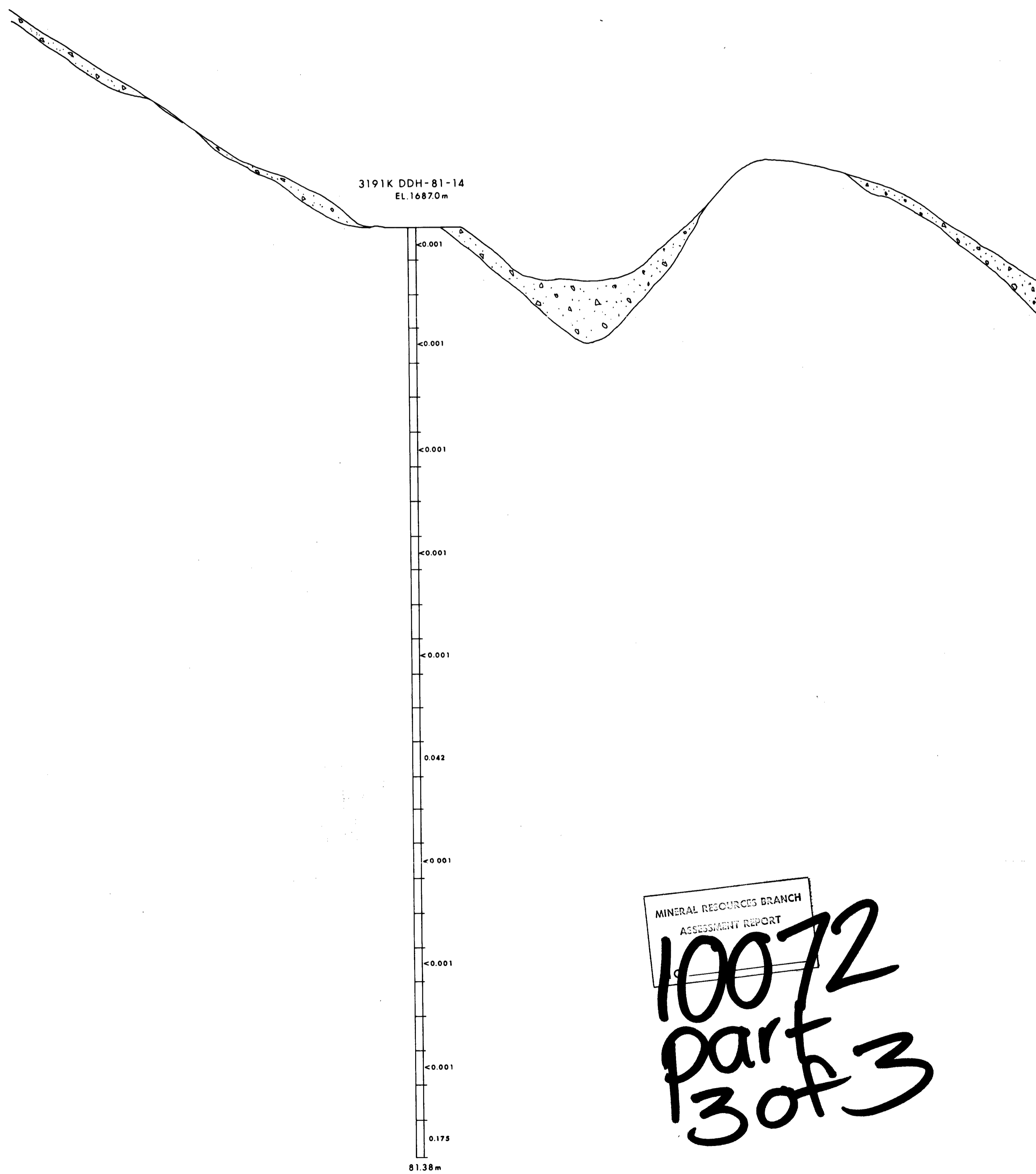
3191 K  
YMIR PROJECT - B.C.  
CROSS-SECTION - DDH-81-13  
ASSAY RESULTS - MOLYBDENUM

FIG. 55

NOTE:  
ASSAY RESULTS COMPLETED BY GEO.  
ANALYTICAL SERVICES LTD ARE OPEN TO  
QUESTION AS CHECK RESULTS COMPLETED  
BY CHEMEX LABS (ALBERTA) LTD. AND BY  
BARRINGER MAGENTA LTD. CORRESPOND  
WITH EACH OTHER AND WITH THE VISUAL  
ESTIMATES OF THE  $MgS_2$  CONTENT OF THE  
DIAMOND DRILL CORE.



AUTHOR: G. TURNER	SCALE: 1:250	DRAWING No.: YK-1117
DATE: OCT. 89	REVISED:	ENCLOSURE No.:
To Accompany		

W ← → E



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ASSESSMENT REPORT  
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G.A.S. = GEO ANALYTICAL SERVICES LTD.  
CHMX = CHEMEX

 OVERBURDEN  
 ASSAY INTERVAL

SCALE 1:250  
0 5 10 15 m

SHELL CANADA RESOURCES LIMITED  
EXPLORATION - MINERALS

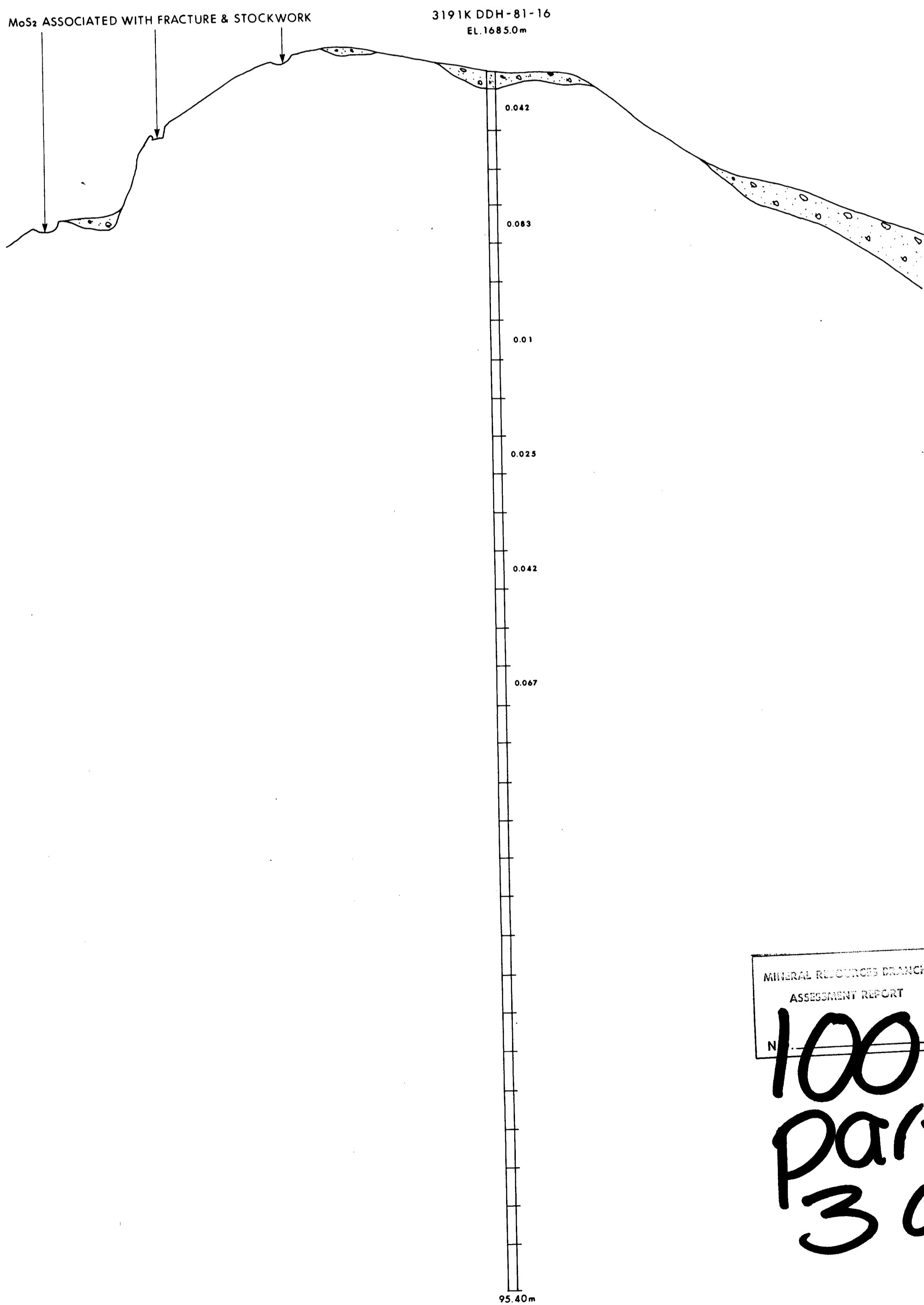
3191 K  
YMIR PROJECT - B.C.  
CROSS-SECTION - DDH-81-14  
ASSAY RESULTS - MOLYBDENUM

FIG. 56

NOTE:  
ASSAY RESULTS COMPLETED BY GEO.  
ANALYTICAL SERVICES LTD ARE OPEN TO  
QUESTION AS CHECK RESULTS COMPLETED  
BY CHEMEX LABS (ALBERTA) LTD. AND BY  
BARRINGER MAGENTA LTD. CORRESPOND  
WITH EACH OTHER AND WITH THE VISUAL  
ESTIMATES OF THE MoS<sub>2</sub> CONTENT OF THE  
DIAMOND DRILL CORE.

AUTHOR: G. TURNER SCALE: 1:250 DRAWING No.: VK-111 F  
DATE: OCT. 81 REVISED: ENCLOSURE No.:  
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ASSESSMENT REPORT

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G.A.S. = GEO ANALYTICAL SERVICES LTD.  
CHMX = CHEMEX



OVERBURDEN



ASSAY INTERVAL

SCALE 1:250



SHELL CANADA RESOURCES LIMITED  
EXPLORATION - MINERALS

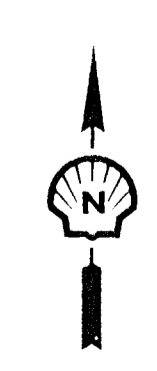
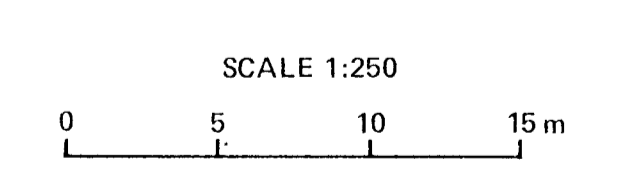
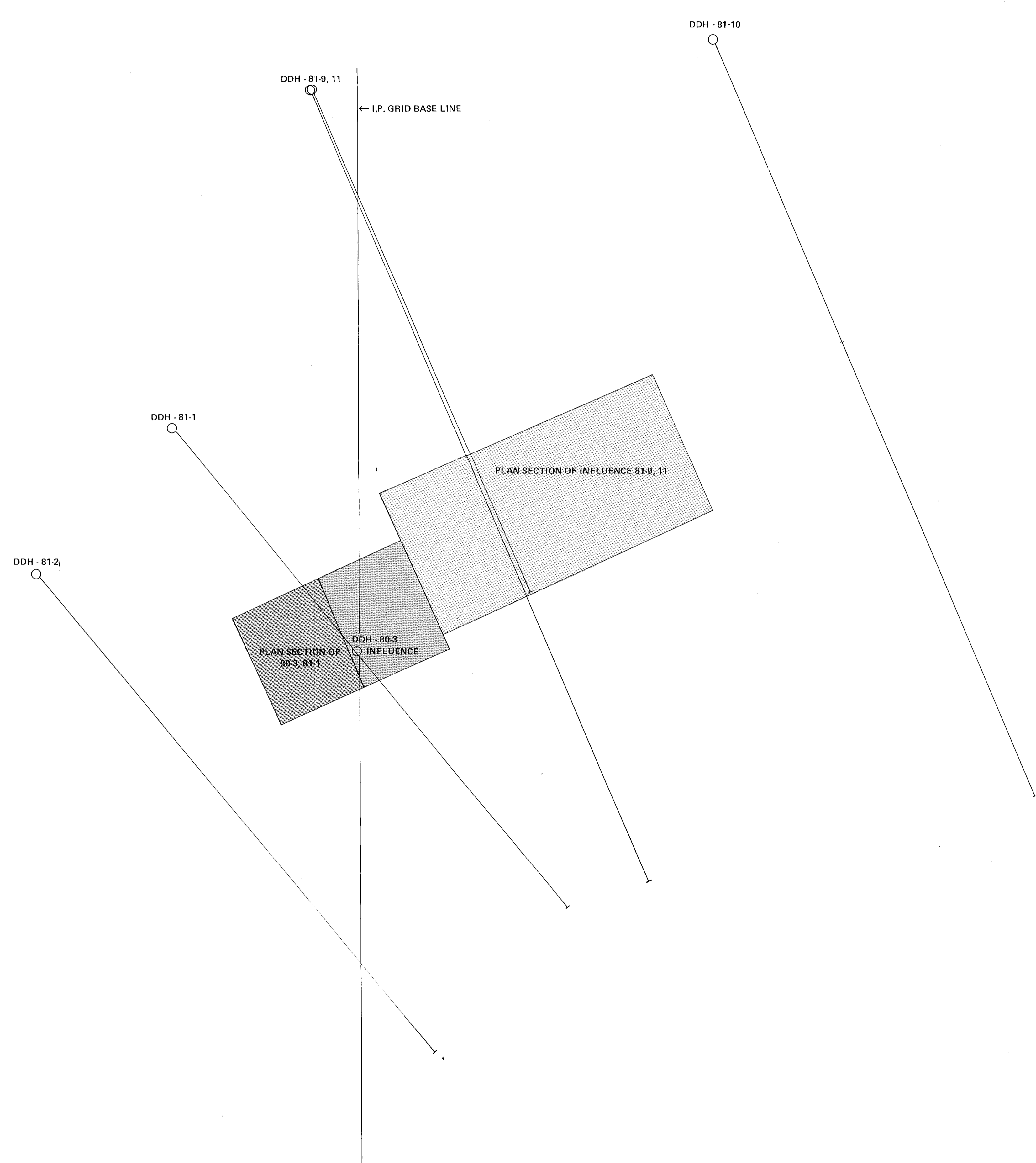
3191 K  
YMIR PROJECT - B.C.  
CROSS-SECTION - DDH-81-16  
ASSAY RESULTS - MOLYBDENUM

FIG. 57

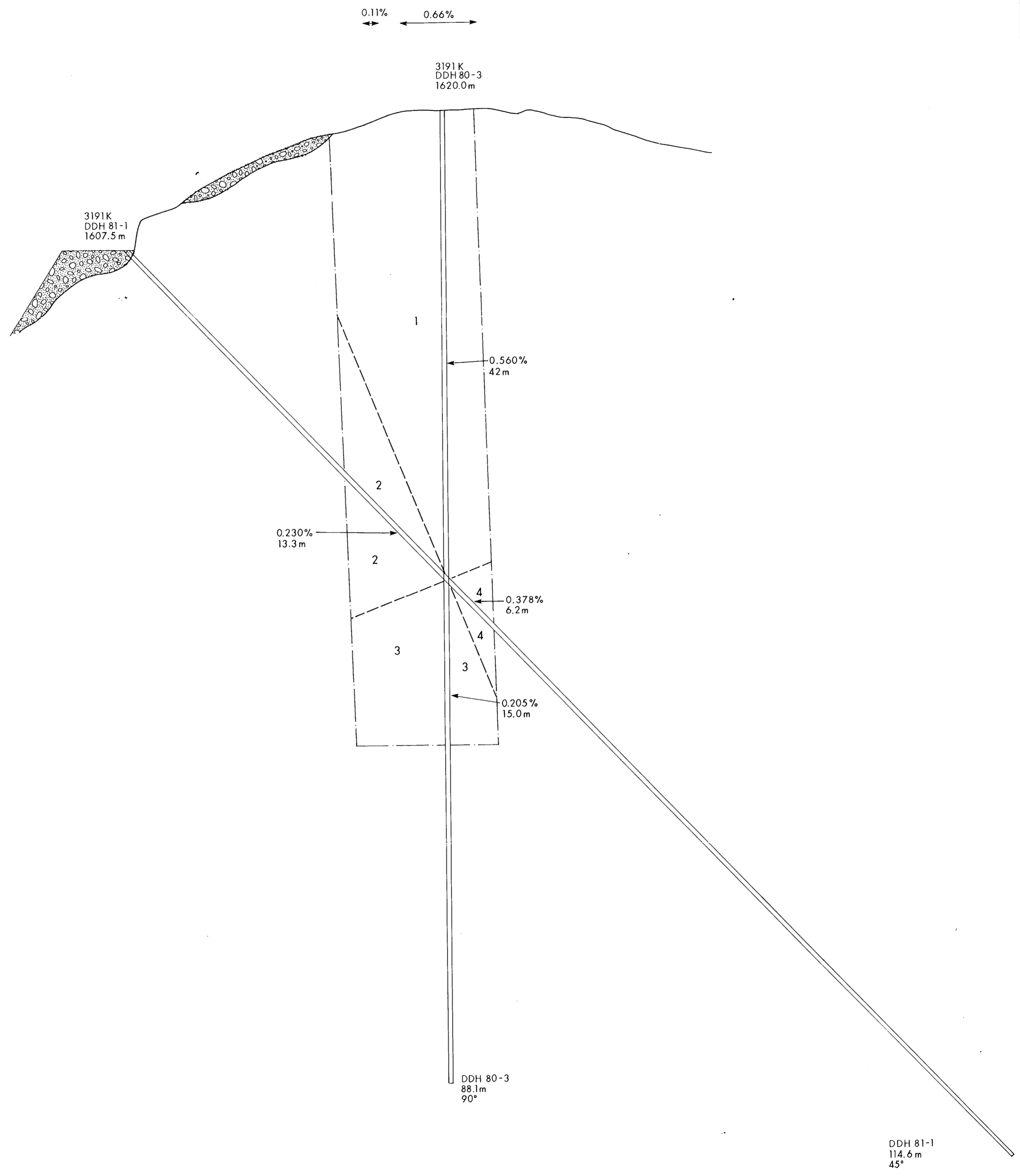
AUTHOR: G. TURNER SCALE: 1:250 DRAWING No.: VK-11/6  
DATE: OCT. 81 REVISED: ENCLOSURE No.:  
To Assembly

NOTE:  
ASSAY RESULTS COMPLETED BY GEO.  
ANALYTICAL SERVICES LTD ARE OPEN TO  
QUESTION AS CHECK RESULTS COMPLETED  
BY CHEMEX LABS (ALBERTA) LTD. AND BY  
BARRINGER MAGENTA LTD. CORRESPOND  
WITH EACH OTHER AND WITH THE VISUAL  
ESTIMATES OF THE MoS<sub>2</sub> CONTENT OF THE  
DIAMOND DRILL CORE.

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part of 3  
P3



SHELL CANADA RESOURCES LIMITED EXPLORATION - MINERALS		
3191 K YMIR PROJECT - B.C. PLAN SECTION DDH's 81-1, 9, 10, 11 80-3		
FIG 58		
AUTHOR: G. TURNER	SCALE: 1:250	DRAWING No.:
DATE: DEC, 1981	REVISED:	ENCLOSURE No.:
To Accompany		



SCHEDULE OF INFLUENCED AREA

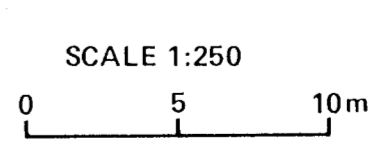
INFLUENCED REGION 1	AREA (m <sup>2</sup> ) 2	M <sub>0</sub> S <sub>2</sub> (%) 3	TOTAL AREA X 10 <sup>-2</sup> (%) 4	GRADE EFFECT (%) 5
1	428.6	0.560	0.59	0.328
2	120.0	0.230	0.16	0.038
3	157.5	0.205	0.21	0.043
4	25.7	0.378	0.04	0.013
TOTALS	731.8			0.422

TOTAL AREA OF INFLUENCE (731.8) (19.2)  
= 1450.6 m<sup>3</sup>

TOTAL SECTION OF INFLUENCE (1450.6 m<sup>3</sup>) (2.6)\*  
= 36.531 TONNES @ 0.422% M<sub>0</sub>S<sub>2</sub>

\* 2.6 = DENSITY OF QUARTZ MONZONITE

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of  
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3



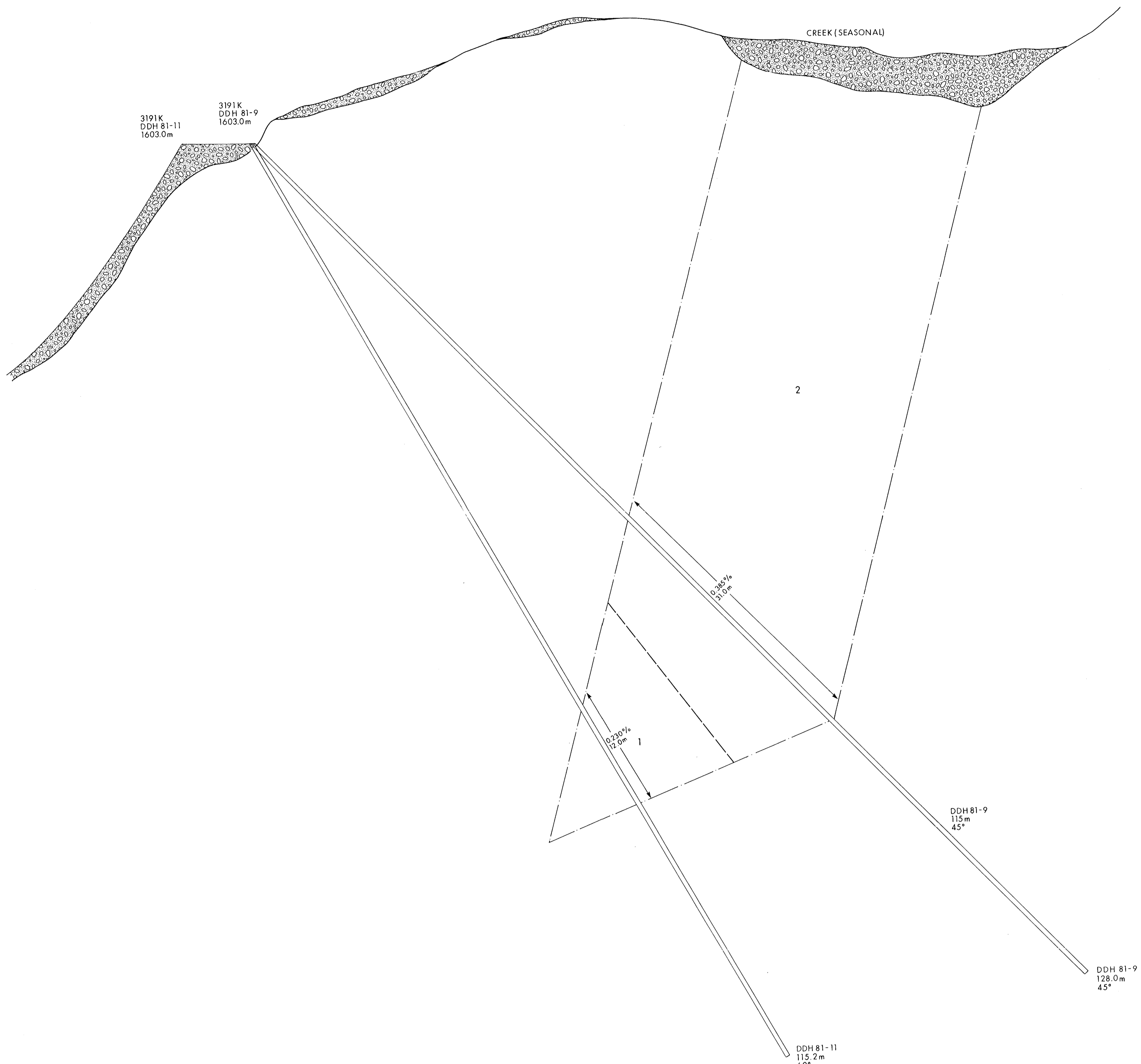
SHELL CANADA RESOURCES LIMITED  
EXPLORATION - MINERALS

3191 K  
YMR PROJECT - B.C.  
CROSS SECTION FOR  
TONNAGE AND GRADE CALCULATIONS  
DDH 81-1 AND DDH 80-3  
FIG. 59

AUTHOR: G. TURNER    SCALE: 1:250    DRAWING No.: VE-1111  
DATE: DEC. 81    REVISED:    ENCLOSURE No.:

To Accompany





SCHEDULE OF INFLUENCED AREAS

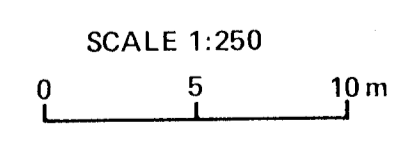
INFLUENCED REGION	AREA (m <sup>2</sup> )	MgS <sub>2</sub> (%)	TOTAL AREA 10-2 (%)	GRADE EFFECT (%)
1	2	3	4	5
1	348.3	0.230	0.17	0.039
2	1717.7	0.385	0.83	0.320
TOTALS	2066.0			0.359

TOTAL AREA OF INFLUENCE (2066.0) (31.2)  
= 64,459.3 m<sup>2</sup>

TOTAL SECTION OF INFLUENCE (64,459.2) (2.6)  
= 167,593.9 TONNES @ 0.359%

TOTAL TONNAGE: 204,125 TONNES  
TOTAL GRADE = 0.370% MgS<sub>2</sub>

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SHELL CANADA RESOURCES LIMITED  
EXPLORATION - MINERALS

3191 K  
YMR PROJECT - B.C.  
CROSS SECTION FOR  
TONNAGE AND GRADE CALCULATIONS  
DDH 81-9 AND DDH 81-11  
FIG. 60

AUTHOR: G. TURNER    SCALE: 1:250    DRAWING No.: VF-1111  
DATE: DEC. 81    REVISED:    ENCLOSURE No.:  
To Accompany