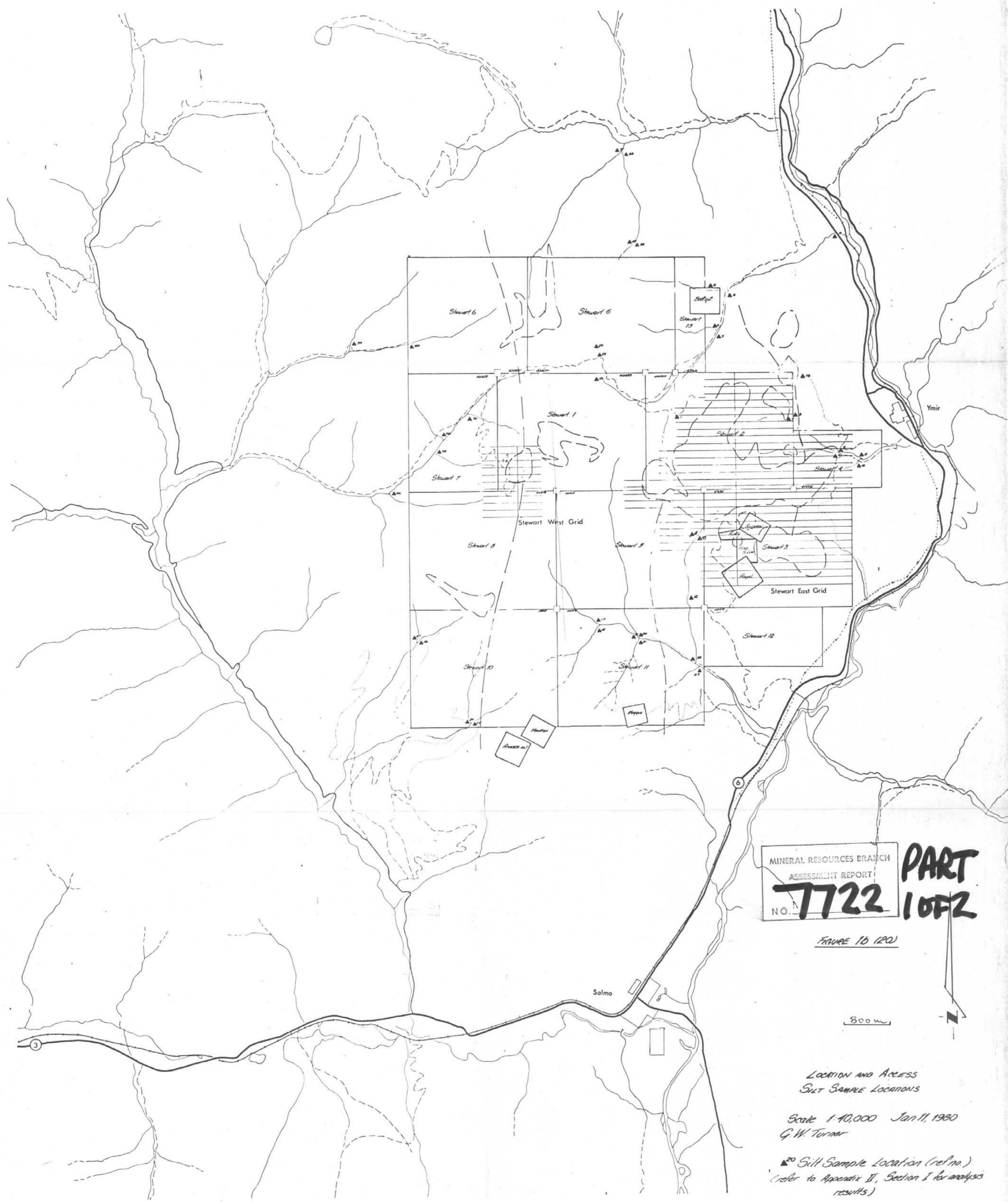


07722

Part 1 of 2



MINERAL RESOURCES BRANCH  
 ASSESSMENT REPORT  
 NO. **7722** **PART 1 OF 2**

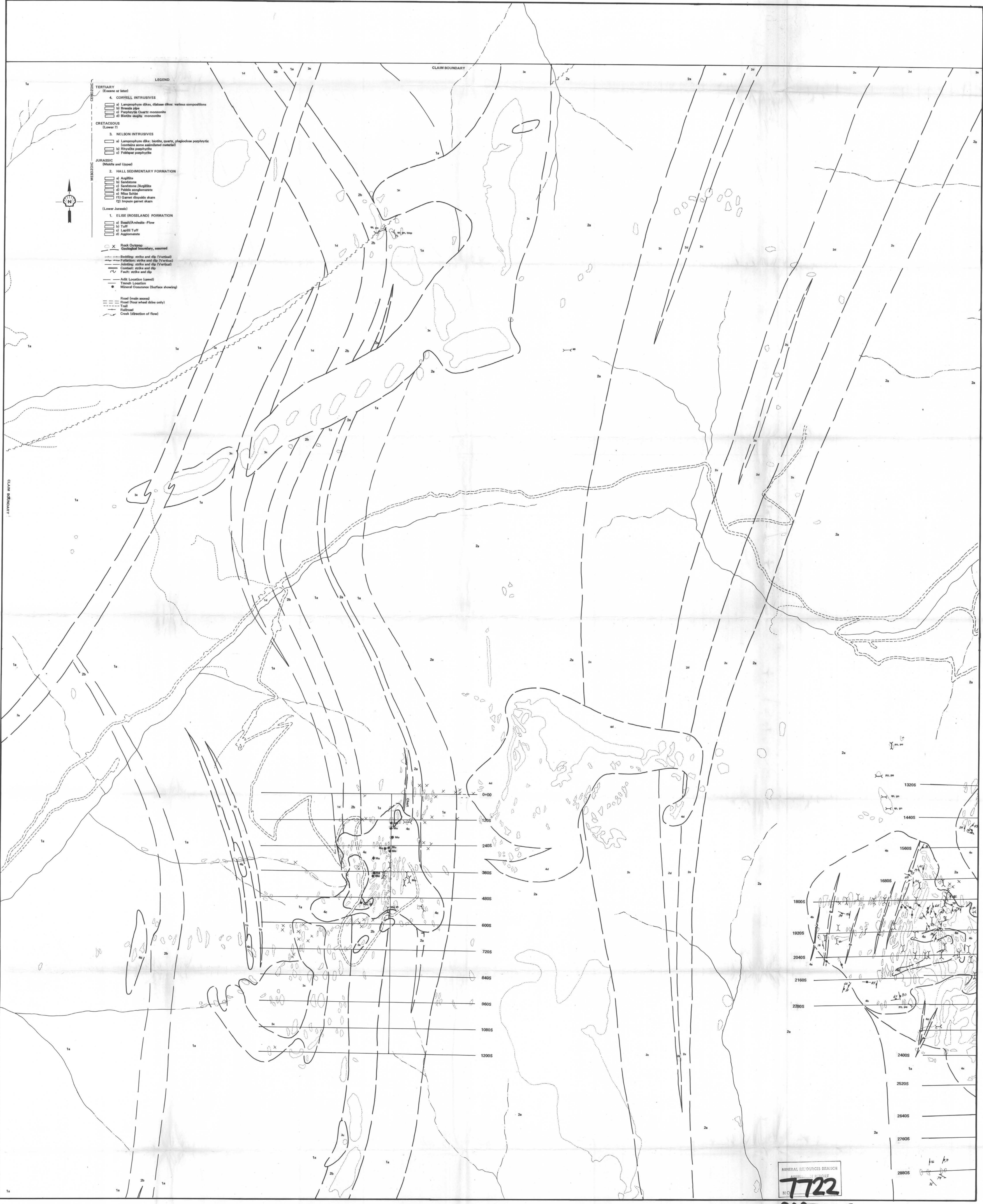
FIGURE 10 (20)

800 m

LOCATION AND ACCESS  
 SILT SAMPLE LOCATIONS

Scale 1:40,000 Jan 11, 1990  
 G. W. Turner

▲ Silt Sample Location (ref. no.)  
 (refer to Appendix II, Section I for analysis results)



- LEGEND**
- CRETACEOUS**  
(Recent to late)
- 4. CORVELL INTRUSIVES**
- a) Lamprophyre dyke, dike-like, various compositions
  - b) Basaltic dyke
  - c) Porphyritic Quartz monzonite
  - d) Basaltic quartz monzonite
- 3. NELSON INTRUSIVES**  
(Lower T)
- a) Lamprophyre dyke: biotite, quartz, plagioclase porphyritic (complete areas unmineralized material)
  - b) Rhyolite porphyry
  - c) Feldspar porphyry
- JURASSIC**  
(Middle and Upper)
- 2. HALL SEDIMENTARY FORMATION**
- a) Argillite
  - b) Sandstone
  - c) Sandstone (Argillite)
  - d) Pebble conglomerate
  - e) Mica Schist
  - f) Garnet dioritic shales
  - g) Garnet gneiss shales
- (Lower Jurassic)**
- 1. ELISE (ROSSLAND) FORMATION**
- a) Basalt/Andesite Flow
  - b) Tuff
  - c) Lapilli Tuff
  - d) Argillite
- Other Symbols:**
- X Rock Outcrop
  - Geological boundary, assumed
  - Boundary, strike and dip (Vertical)
  - Faulting, strike and dip (Vertical)
  - Faulting, strike and dip (Vertical)
  - Contact, strike and dip
  - Fault, strike and dip
  - Ash Location (over)
  - Trench Location
  - Mineral Occurrence (Surface showing)
  - Road (main access)
  - Road (minor access only)
  - Trail
  - Railroad
  - Creek (direction of flow)

MINERAL RESOURCES BRANCH  
**7722**

**PART 16F2**

SHELL CANADA RESOURCES LIMITED  
EXPLORATION - MINERALS

YMR PROJECT - B.C.  
No. 2091-K  
STEWART CLAIM GROUP  
GEOLOGICAL COMPILATION  
NW SECTION

AUTHOR: G.P. FURNER  
DATE: JAN 95  
REVISION: SCALE: 1:50000  
DRAWING NO.:  
ENCLOSURE NO.:



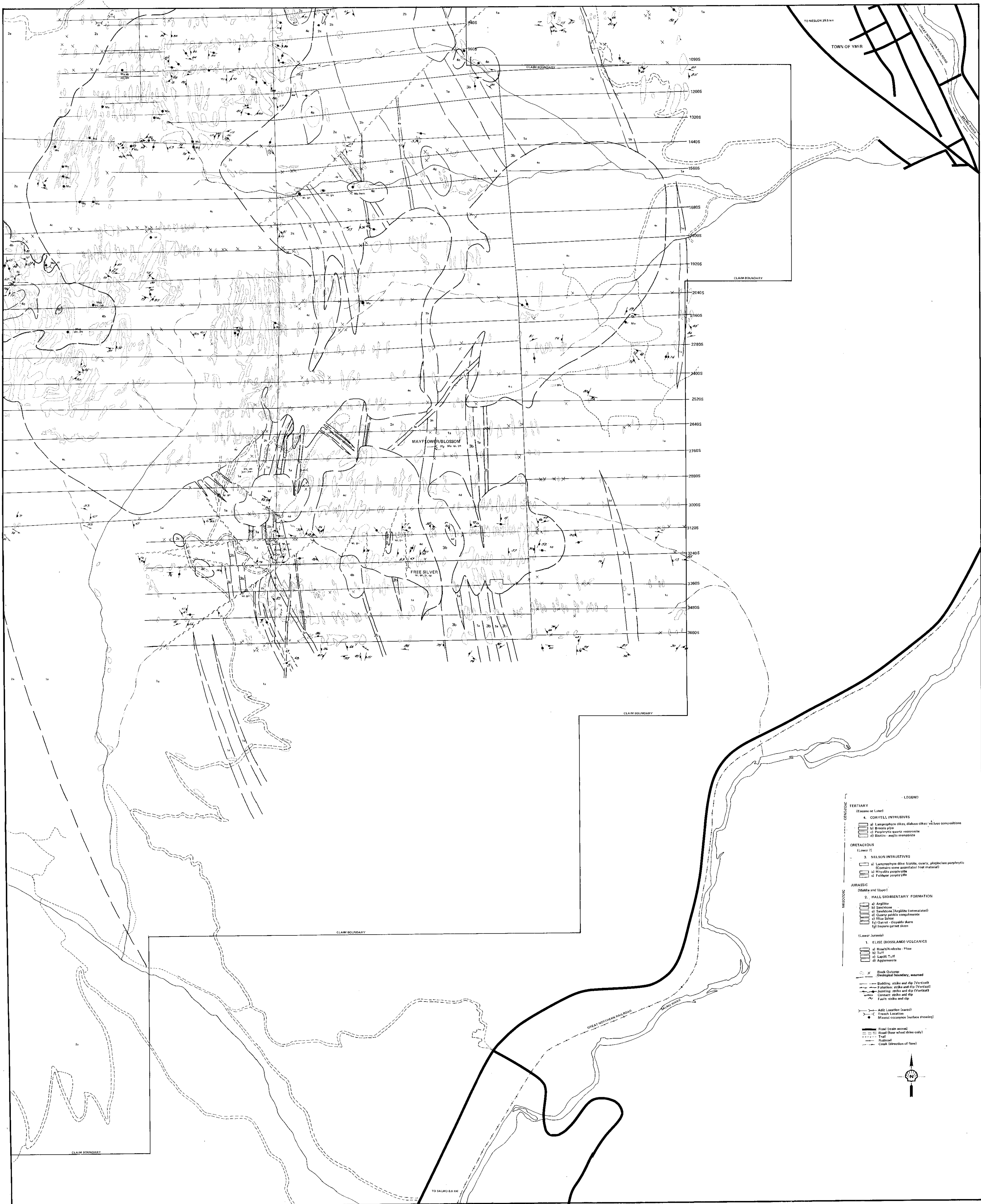
- LEGEND**
- QUATERNARY**  
(None or Late)
- 4. CORNWALL INTRUSIVES**
- (a) L. Amphibole dikes, sills & dykes
  - (b) Basaltic dykes
  - (c) Porphyritic quartz monzonite
  - (d) Granite - quartz monzonite
- CRETACEOUS**  
(Lower ?)
- 3. NELSON INTRUSIVES**
- (a) L. Amphibole dikes, sills, dykes, quartz, plagioclase porphyry
  - (b) Composites with andesitic horn material
  - (c) Basaltic porphyry
  - (d) Feldspar porphyry
- JURASSIC**  
(Middle and Lower)
- 2. HALL SEDIMENTARY FORMATION**
- (a) Argillite
  - (b) Sandstone
  - (c) Sandstone (Argillite Underlain)
  - (d) Quartz pebbled conglomerate
  - (e) Mica Schist
  - (f) Garnet - diopside schist
  - (g) Impure quartzite
- Eocene (Roseland)**
- 1. ELISE (ROSELAND) VOLCANICS**
- (a) Basalt/Andesite Flow
  - (b) Tuff
  - (c) Light Tuff
  - (d) Agglomerate
- Structural Features**
- X Rock Outcrop
  - Outcrop boundary, assumed
  - Bedding: strike and dip (Vertical)
  - Foliation: strike and dip (Vertical)
  - Jointing: strike and dip (Vertical)
  - Contact: strike and dip
  - Fault: strike and dip
- Other Features**
- ▲ Adit Location (assumed)
  - Trench Location
  - Mine (assumed surface projection)
  - Road (main access)
  - Road (non-main access)
  - Trail
  - Creek
  - Creek (direction of flow)

7722  
PART 1082

SHELL CANADA RESOURCES LIMITED  
EXPLORATION - MINERALS

YMR PROJECT - B.C.  
No. 20914  
STEWART CLAIM GROUP  
GEOLOGICAL COMPILED  
BY SECTION

AUTHOR: G.M. TURNER  
DATE: JAN. 8, 1982  
SCALE: 1:5000  
DRAWING NO.:  
JOB NO.: 20914



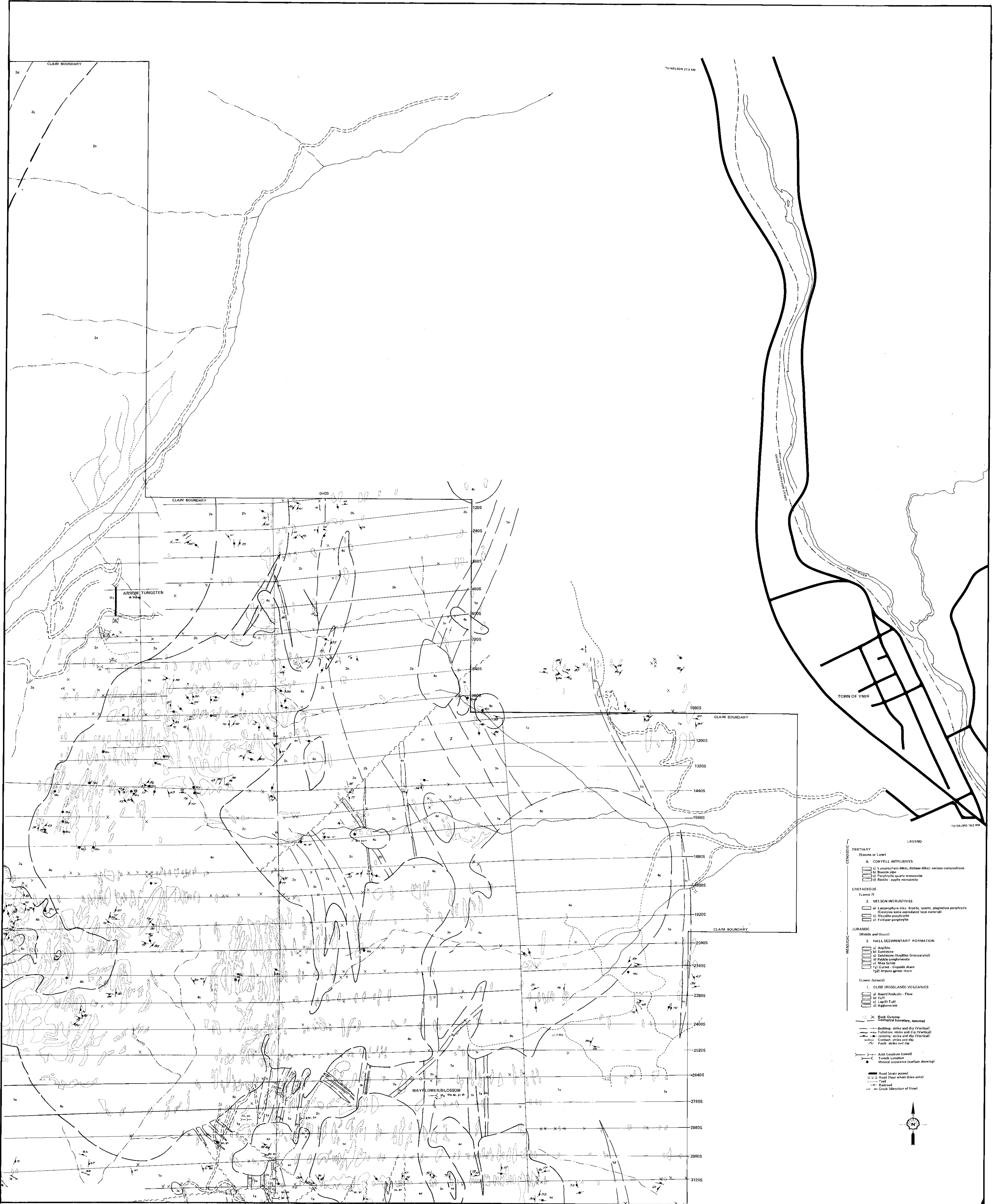
- LEGEND**
- TERTIARY**  
(Recent to Lower)
4. CORVILL INTRUSIVES
- (a) Lamprophyte dikes, diabase dikes - all have compositions
  - (b) Granite dikes
  - (c) Porphyry quartz monzonite
  - (d) Basaltic - andesite monzonite
- CRETACEOUS**  
(Lower T)
3. SELKON INTRUSIVES
- (a) Lanthanophyte dike bodies, quartz, plagioclase porphyry
  - (b) Contains some granitoid host material
  - (c) Intrusive porphyry
  - (d) Felsic porphyry
- JURASSIC**  
(Middle and Lower)
2. HALL SEDIMENTARY FORMATIONS
- (a) Argillite
  - (b) Sandstone
  - (c) Sandstone (Argillite intercalated)
  - (d) Sandstone with conglomerate
  - (e) Blue shale
  - (f) Quartz - dacitic siltstone
  - (g) Magma sandstone
- ELISE (ROSSLAND) VOLCANICS**  
(Lower Tertiary)
- (a) Basalt/Andesite - Flow
  - (b) Tuff
  - (c) Lapilli Tuff
  - (d) Agglomerate
- Other Symbols:**
- X Rock Outcrop
  - Original boundary, assumed
  - Bedding, strike and dip (Vertical)
  - Faultline, strike and dip (Vertical)
  - Jointing, strike and dip (Vertical)
  - Contact, strike and dip
  - Fault, strike and dip
  - Adit (Location, level)
  - Fresh location
  - Mineral occurrence (surface showing)
  - Road (main road)
  - Road (four wheel drive only)
  - Trail
  - Creek (direction of flow)

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PART  
1 OF 2

SNELL CANADA RESOURCES LIMITED  
EXPLORATION - MINERALS

YMR PROJECT - B.C.  
No. 2991 K  
STEWART CLAIM GROUP  
GEOLOGICAL COMPILATION  
SE SECTION

AUTHOR: G.A. TURNER  
DATE: JAN. 9, '90  
SCALE: 1:5000  
DRAWN BY: [ ]  
CHECKED BY: [ ]



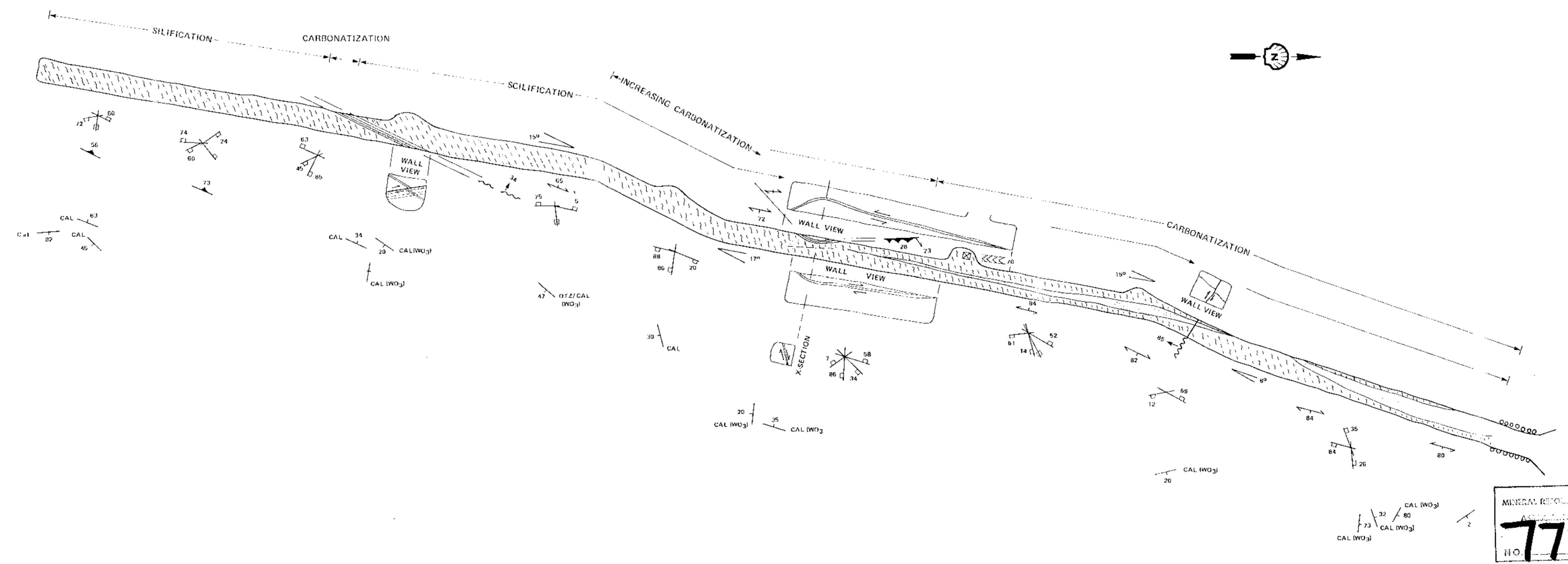
- LEGEND**
- TERTIARY**  
 (Eocene or Lower)  
 4. CORVELL INTRUSIVES  
 4a. Lamprophyre dikes, dike-like dikes: various compositions  
 4b. Basalts  
 4c. Rhyolite quartz monzonite  
 4d. Basalts - augite monzonite
- CRETACEOUS**  
 (Lower ?)  
 3. NELSON INTRUSIVES  
 3a. Lamprophyre dikes, quartz, quartz, plagioclase porphyry  
 (Solutions were crystallized from material)  
 3b. Rhyolite porphyry  
 3c. Ferruginous porphyry
- JURASSIC**  
 (Middle and Upper)  
 2. HALLS SEDEMENTARY FORMATION  
 2a. Sandstone  
 2b. Siltstone  
 2c. Sandstone (Anisite Unconsolidated)  
 2d. Pebble conglomerate  
 2e. Mica-siltstone  
 2f. Claystone  
 2g. Shale
- LOWER JURASSIC**  
 1. ELISE (GROSLAND) VOLCANICS  
 1a. Basalt/Andesite - Flow  
 1b. Lava Flow  
 1c. Agglomerate
- Other Symbols:**  
 X Rock Outcrop  
 Dashed line Geological boundary, assumed  
 Solid line Boundary, definite  
 Dotted line Fault  
 Solid line Fault  
 Dotted line Fault  
 Solid line Fault  
 Dotted line Fault  
 Solid line Fault  
 Dotted line Fault

SHELL CANADA RESOURCES LIMITED  
 EXPLORATION - MINERALS

YMR PROJECT - B.C.  
 No. 29914  
 STEWART CLAIM GROUP  
 GEOLOGICAL COMPILATION  
 NE SECTION

DATE: MAY 15, 1980

7722 PART 182



- LEGEND**
- 2a/b ARGILLACEOUS QUARTZITE
    - light brown to light grey
    - well bedded
    - contains pyrite, pyrrhotite along fractures and as disseminations
  - 2a ARGILLITE
    - dark grey
    - silicified
    - contains numerous pyrite stringers
  - 2f1 GARNET-DIOPSIDE SKARN
    - green and pink bands
    - fine to medium grained
    - abundant disseminated scheelite
  - FAULT ZONES
  - FAULT STRIKE AND DIP
  - CALCITE VEINLET STRIKE AND DIP
  - JOINTING STRIKE AND DIP

NOTE: CALCITE VEINLETS COMMON ALONG LENGTH OF ADIT VEINS GENERALLY CONTAIN TRACE AMOUNTS TO ABUNDANT SCHEELITE. APPROXIMATE LOCATION AND ORIENTATION OF MINERALIZED VEINS SHOWN IN STRUCTURE. FAULTS CONTAIN ASSOCIATED CARBONATE VEINLETS.

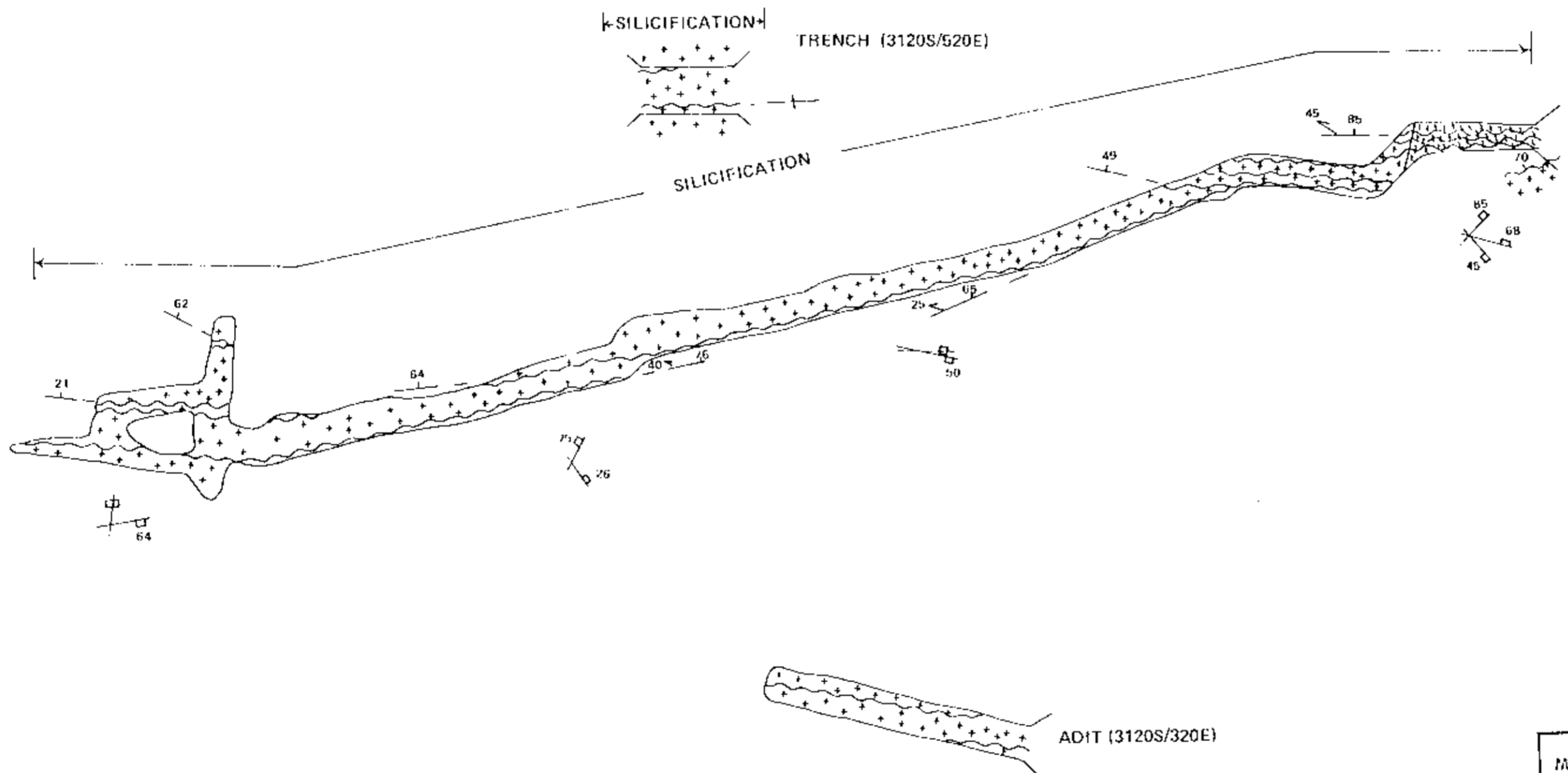
MINERAL RESOURCE DIVISION  
 7722  
 NO. 7722  
 PART 1 OF 2  
 SCALE 1:200  
 0 5 10m

SHELL CANADA RESOURCES LIMITED  
 EXPLORATION - MINERALS

STEWART CLAIMS, YMIR AREA - B.C.  
 GEOLOGY OF ARROW TUNGSTEN MINE

FIGURE 6

AUTHOR: G. TURNER  
 DATE: JAN. '80  
 SCALE: 1:200  
 REVISIONS:  
 DRAWING No.  
 LITHOLOGICAL No.

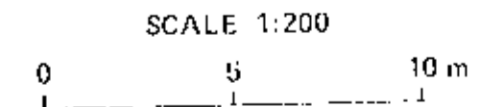


FREE SILVER ADIT (3155S/515E)

- LEGEND
- 4d BIOTITE - AUGITE MONZONITE
  - 1a ANDESITE  
 - vesicular  
 - contains silvanite mineralization in calcite filled vugs
  - FAULT ZONE
  - FAULT STRIKE AND DIP

MINERAL EXPLORATION  
 NO. 7722

PART 1 OF 2



SHELL CANADA RESOURCES LIMITED  
 EXPLORATION MINERALS

STEWART PROPERTY, YMIR B.C.  
 GEOLOGY OF THE FREE SILVER ADIT

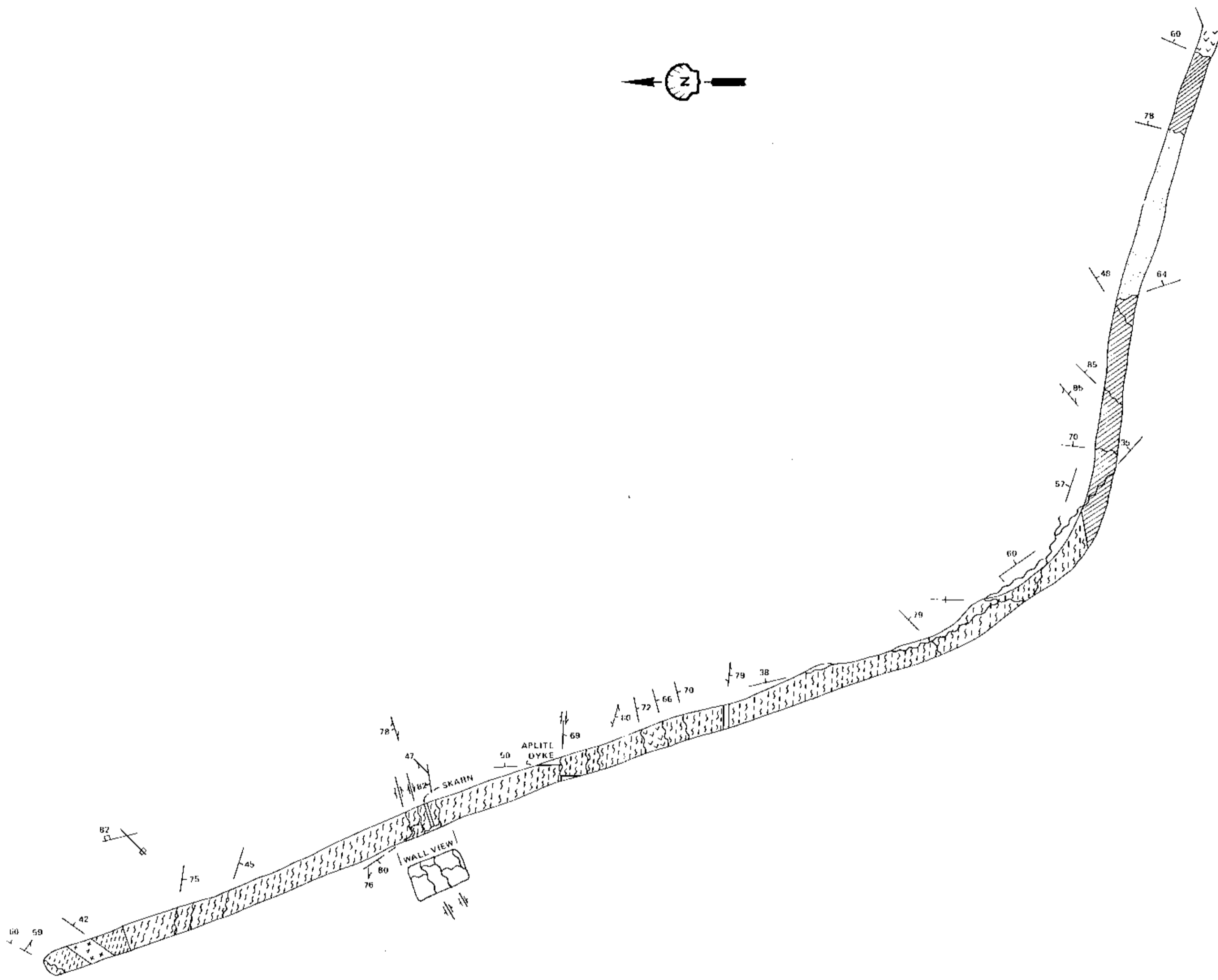
FIGURE 7

AUTHOR: G. TURNER	SCALE: 1:200	DRAWING BY:
DATE: JAN 1980	REVISED:	ENCLOSURE NO:
TO: Accompany		





2715 S/750 E



LEGEND

- 4c PORPHYRTIC QUARTZ MONZONITE
  - medium grained, equigranular, containing rare biotite lamellae
  - rare quartz phenocrysts up to 3 mm in dia
  - minor disseminated pyrite
- 3b RHYOLITE PORPHYRITE
  - pale grey to buff colored
  - very fine grained
  - minor quartz porphyries
- 2a ARGILLITE
  - dark grey
  - disseminated pyrite common
  - contains numerous calcite stringers with trace amounts of scheelite
- 2f2 IMPURE (GARNET) SKARN
  - greyish green with irregular brown to pink bands
  - contains minor disseminated pyrite, pyrrhotite and scheelite
- 2g SILICIFIED ZONE
  - light grey containing disseminated pyrite and pyrrhotite
- 1a ANDESITE
- FAULT ZONES
  - - - - - FAULT STRIKE AND DIP
  - - - - - FOLIATION STRIKE AND DIP

NOTE: NO Pb-Zn MINERALIZATION WAS FOUND IN PLACE. FAULT ZONES CONTAIN ASSOCIATED CALCITE VEINLETS.

MINERAL RESOURCES BRITISH COLUMBIA  
 7722  
 PART 1 OF 2  
 SCALE 1:200  
 0 5 10 m

SHELL CANADA RESOURCES LIMITED  
 EXPLORATION - MINERALS

STEWART PROPERTY, YMIR B.C.  
 MAYFLOWER (MAYBLOSSOM) CROSSCUT ADIT

Figure 3

AUTHOR: G. TURNER    SCALE: 1:200    DRAWING No:  
 DATE: JAN 1980    REVISED:    ENCLOSURE No:  
 In: Accompany