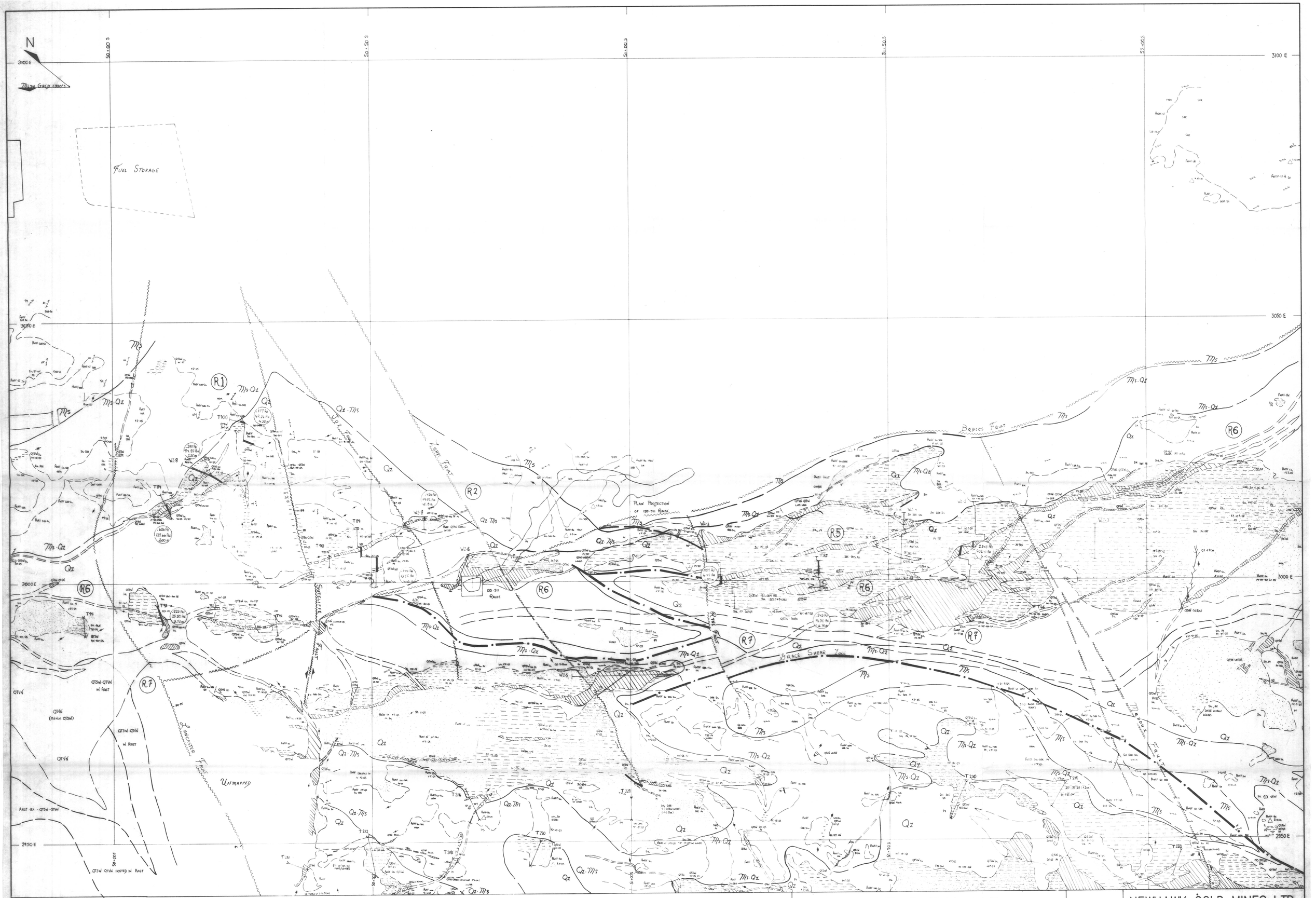

INTERMEDIATE TO MAFIC INTRUSIVES

DIOT	DIORITE
GABR	GABBRO
LAMP	LAMPROPHYRE DYKES-SILLS

FELSIC TO INTERMEDIATE INTRUSIONS

SYNT	SYENITE
PPSY	SYENITE PORPHYRY
PPFP	FELDSPAR PORPHYRY
PPQE	QUARTZ-EYE PORPHYRY
PPHB	HORNBLENDE PORPHYRY DYKES-SILLS
QPFP	QUARTZ FELPSPAR PORPHYRY

SEDIMENTARY ROCKS

ARGT	ARGILLITE
ARNT	ARENITE
ARKS	ARKOSE
ARWK	ARKOSIC WACKE
SUB GRWK	SUB GREYWACKE
LITHIC ARNT	LITHIC ARENITE
LITHIC ARKS	LITHIC ARKOSE
CONG	CONGLOMERATE

INTERMEDIATE VOLCANIC ROCKS

DACT	DACITE
DCFL	DACITE FLOW
DCTF	DACITE TUFF
DCLT	DACITE LAPPILI TUFF
DCBX	DACITE BRECCIA
DCXT	DACITE CRYSTAL TUFF
DCPP	DACITE PORPHYRY
DCVL (HELT)	VOLCANICLASTIC
ANDS	ANDESITE
ANFL	ANDESITE FLOW
ANTF	ANDESITE TUFF
ANLT	ANDESITE LAPPILI TUFF
ANBX	ANDESITE BRECCIA
ANXT	ANDESITE CRYSTAL TUFF
ANPP	ANDESITE PORPHYRY
ANVL (HELT)	VOLCANICLASTIC

ABBREVIATIONS

Au	Native Gold
Asp	Arsenopyrite
Az	Azurite
Ba	Barite
BAVN	Barite Vein
Bx	Breccia
Cpy	Chalcopyrite
El	Electrum
Ga–Gn	Galena
Hem	Hematite
Fe	Iron stain
Lim	Limonite
Mal	Malachite
Py	Pyrite
Po	Pyrrhotite
Qs	Quartz Stringer
Qv	Quartz Vein
Sh	Sheared
Tet	Tetrahedrite

SYMBOLS

- GEOLOGIC CONTACT DEFINED, ASSUMED
- GEOLOGIC ALTERATION ZONE CONTACT
- FAULT (DEFINED , INFERRED) –HORIZ. THROW
- BEDDING / VEIN CONTACT (VERTICAL, INCLINED)
- JOINTING (VERTICAL , INCLINED QUARTRZ VEIN FRACTURE JOINT)
- SHEAR ZONE , LINEAMENT
- LINEATION WITH PLUNGE
- FOLIATION (VERTICAL, INCLINED)
- CREEK
- SWAMP, GRASSLAND
- TRENCH
- RIVER, STREAM
- ROAD
- DRILL HOLE (VERTICAL, INCLINED)
- CHIP OR DIAMOND SAW SAMPLE INTERVAL
- OUTCROP BOUNDARY
- CLAIM POST
- 0.085 Au 24.00 Ag — Au (Oz/ton), Ag (Oz/ton), Width (m)

ALTERATION

SER, S	SERICITIZATION
CHL	CHLORITIZATION
CB–CARB	CARBONATE ALTERATION
QT,QTVN	QUARTZ , QUARTZ VEIN
BA BAVN	BARITE , BARITE VEIN
AL	ALUNITE
CY	CLAY
QT–SER–SCH	QUARTZ SERICITE SCHIST
SIL , QZ	SILICIFIED
QTSW	QUARTZ STOCKWORK
QTBX	QUARTZ BRECCIA

0 5 10 15 20 25

WEST ZONE	WEST ZONE	WEST ZONE	OLD VALLER	OLD VALLER
48 2950	50 2950	52 2950	54 2950	56 2950

Inches 0 1 2 — 0 1 2 3 4 5 centimetres

BRITISH COLUMBIA TECHNICAL PAPERS

This reference scale bar has been added to the original image. It will scale at the same rate as the image, and can be used as a reference for the original size.

LEGEND

- Quartz Vein
- Quartz Stockwork
- Quartz Breccia
- Silicified Zone
- Tuff
- Sediments
- Andesite Dyke
- Syenite
- Porphyry
- Fault
- Shear
- 0.500,16.58 Gold,Silver(oz/ton)
- Drill Hole – with pierce point

REVISIONS	
BY	DATE
SR	November 27, 89

NEWHAWK GOLD MINES LTD.

SULPHURETS PROJECT
WEST ZONE

R.V. KIRKHAM

Geology R.V. KIRKHAM

DRAWN BY: SR	SCALE: 1:250
DATE:	PLATE NO:
DRAWING NO: 804190	