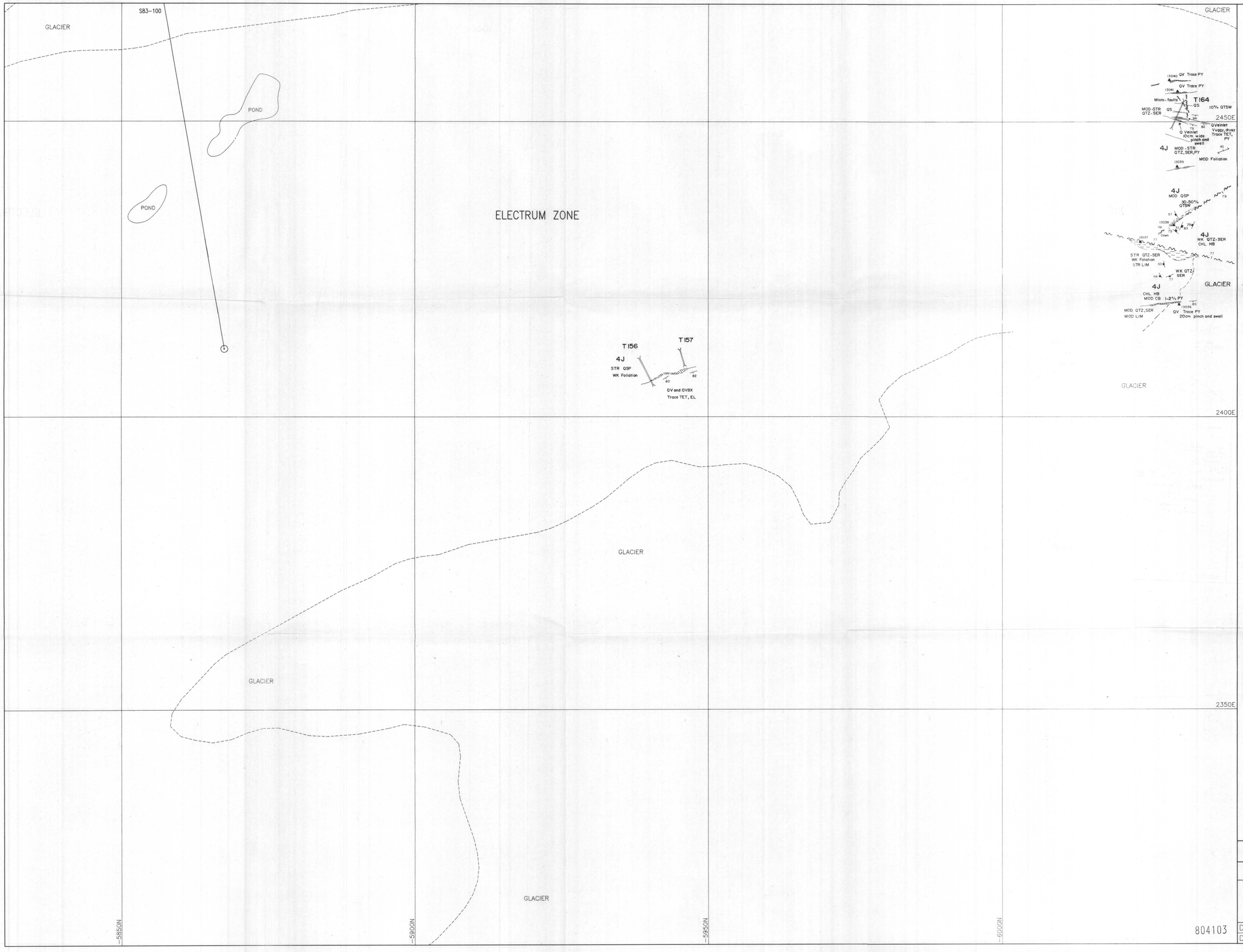

MINE GRID NORTH

LEGEND

5 INTERMEDIATE TO MAFIC INTRUSIVES

5A UNSUBDIVIDED, 5B DIORITE (DIOT), 5C GABBRO (GABR), 5D DIABASE (DIAB), 5E LAMPROPHYRE DYKES-SILLS (LAMP)

4 FELSIC TO INTERMEDIATE INTRUSIVES

4A UNSUBDIVIDED, 4B GRANITE (GRAN), 4C SYENITE (SYEN), 4D QUARTZ-MONZONITE (QMON), 4E MONZONITE (MONZ), 4F GRANODIORITE (GRAD), 4G QUARTZ-EYE PORPHYRY (PPQE), 4H FELDSPAR-PORPHYRY (PPFP), 4I QUARTZ-FELDSPAR PORPHYRY (QPFP), 4J HORNBLENDE-FELDSPAR PORPHYRY (PPHB)

3 CHEMICAL METASEDIMENTS

3A CHERT (CHER), 3B CHERTY TUFF (CTUF), 3C OXIDE FACIES IF (OXIF), 3D CARBONATE-FACIES IF (CBIF), 3E SILICATE-FACIES IF (SIIF); SULPHIDE-FACIES IF (SPIF)

2 METASEDIMENTS

2A UNSUBDIVIDED, 2B ARENITE (ARNT), 2C ARKOSE (ARKS), 2D ARGILLITE (ARGT), 2E GREYWACKE (GRWK), 2F CONGLOMERATE (CONG), 2G CHERT (CERT), 2H LIMESTONE (LIME)

1 METAVOLCANICS – RHYOLITE (RH), DACITE (DA), ANDESITE (AN), BASALT (BA)

1A UNSUBDIVIDED, 1B MASSIVE FLOWS (ANFL), 1C PORPHYRITIC FLOWS (ANPO), 1D PILLOWED FLOWS/PILLOW BRECCIA (ANPL), 1E TUFF (ANTF), 1F LAPILLI TUFF (ANLT), 1G TUFF-BRECCIA (ANBX), 1H CRYSTAL TUFF (ANXT), 1I PORPHYRY (ANPP), 1J VOLCANICLASTIC-LAHAR (ANVL)

ALTERED ROCKS

ALB	ALBITIZATION
BIO	BIOTIFEROUS
CB	CARBONATE ALTERATION
CHL	CHLORITIZATION; CHLORITIC
KSP	POTASSIC ALTERATION
PROP	PROPHYLITIC ALTERATION
QSP	QUARTZ-SERICITE; PYRITE SCHIST
QP	QUARTZ-PYRITE (KSPAR ALTERATION)
SER	SERCITIZATION; SERICITIC
SIL	SILICIFICATION; SILICIFIED

WK – WEAK MOD – MODERATE STR – STRONG

SYMBOLS

- OUTCROP BOUNDARY
- BEDDING / VEIN CONTACT (VERTICAL, INCLINED)
- FOLIATION (VERTICAL, INCLINED)
- JOINTING (HORIZONTAL, INCLINED, VERTICAL)
- LINEATION WITH PLUNGE
- PILLOWS (TOPS UNKNOWN, KNOWN)
- GEOLOGICAL CONTACT (OBSERVED, ASSUMED)
- ALTERATION CONTACT
- FAULT (DEFINED, ASSUMED)
- SHEAR ZONE, LINEAMENT
- TRENCH, PIT
- DRILL HOLE (VERTICAL, INCLINED)
- DIAMOND SAW CHANNEL INTERVAL

ABBREVIATIONS

AU	– NATIVE GOLD	HEM	– HEMATITE
AG	– NATIVE SILVER	LIM	– LIMONITE
ANK	– ANKERITE	MAG	– MAGNETITE
ARG	– ARGENTITE	MAL	– MALACHITE
ASPY	– ARSENOPYRITE	MOLY	– MOLYBDENITE
AZ	– AZURITE	POLY	– POLYBASITE
BA	– BARITE	PY	– PYRITE
BAVN	– BARITE VEIN	PYRA	– PYRARGYRITE
BN	– BORNITE	PYROL	– PYROLUSITE
BX	– BRECCIA	PYROP	– PYROPHYLLITE
CHAL	– CHALCOCITE	PO	– PYRRHOTITE
CPY	– CHALCOPYRITE	QCS/QCV	– QUARTZ-CARBONATE STRINGER/VEIN
CU	– NATIVE COPPER	QS/QV	– QUARTZ STRINGER/VEIN
DOL	– DOLOMITE	SID	– SIDERITE
EL	– ELECTRUM	SP	– SPHALERITE
GF	– GRAPHITE	TENN	– TENNANTITE
GN	– GALENA	TET	– TETRAHEDRITE
HB	– HORNBLENDE		
		SH	– SHEARING

QSP–QP QTZ–SER–PY

ARGILLIC CHL–SER–PY

QTVN – QUARTZ VEIN >80% QV/QS

QTSW – QUARTZ STOCKWORK 20%–80% QV/QS

QTBX – QUARTZ BRECCIA

inches

0 1 2

0 1 2 3 4 5

centimetres

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

0 5 10 15 20 25

METRES

SCALE 1:250

NEWHAWK GOLD MINES

SULPHURETS PROPERTY

ELECTRUM ZONE

GEOLOGY

DRAWN BY: B.M.,T.K.	SHEET NO: 585-235
DATE: NOV 1992	FIGURE NO: