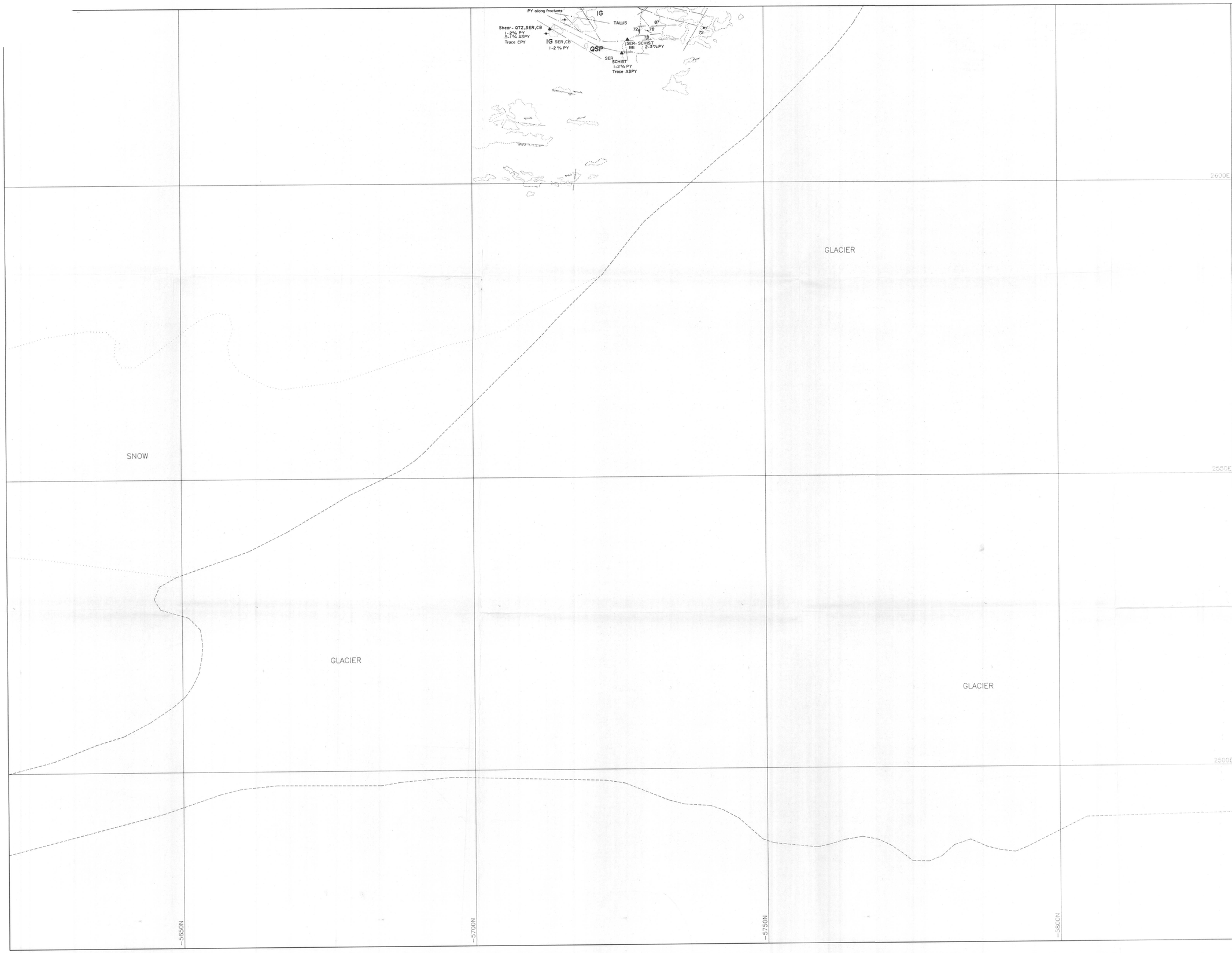

LEGEND

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 (FPQE), 4H FELDSPAR-PORPHYRY (FPFP), 4I QUARTZ-FELDSPAR PORPHYRY (QFFP), 4J HORNBLENDE-FELDSPAR PORPHYRY (FPHB)

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 (LME)

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
AP	QUARTZ-PYRITE (ASPAR ALTERATION)
SER	SERICITIZATION; SERICITIC
SIL	SILICIFICATION; SILICIFIED

WK - WEAK MOD - MODERATE STR - STRONG

SYMBOLS

- OUTCROP BOUNDARY
- BEDDING (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
GP	- GRAPHITE	TENN	- TENNANTITE
GN	- GALENA	TET	- TETRAHEDRITE
HB	- HORNBLENDE		

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

centimetres 0 1 2 3 4 5

This reference scale bar has been added to the original image. It will scale at the same rate as the original image, and 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

SOUTH GALENA/NORTH SPINE GEOLOGY

DRAWN BY:BMD,BM,TK	SHEET NO: 565-250
DATE: NOV 1992	FIGURE NO:

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