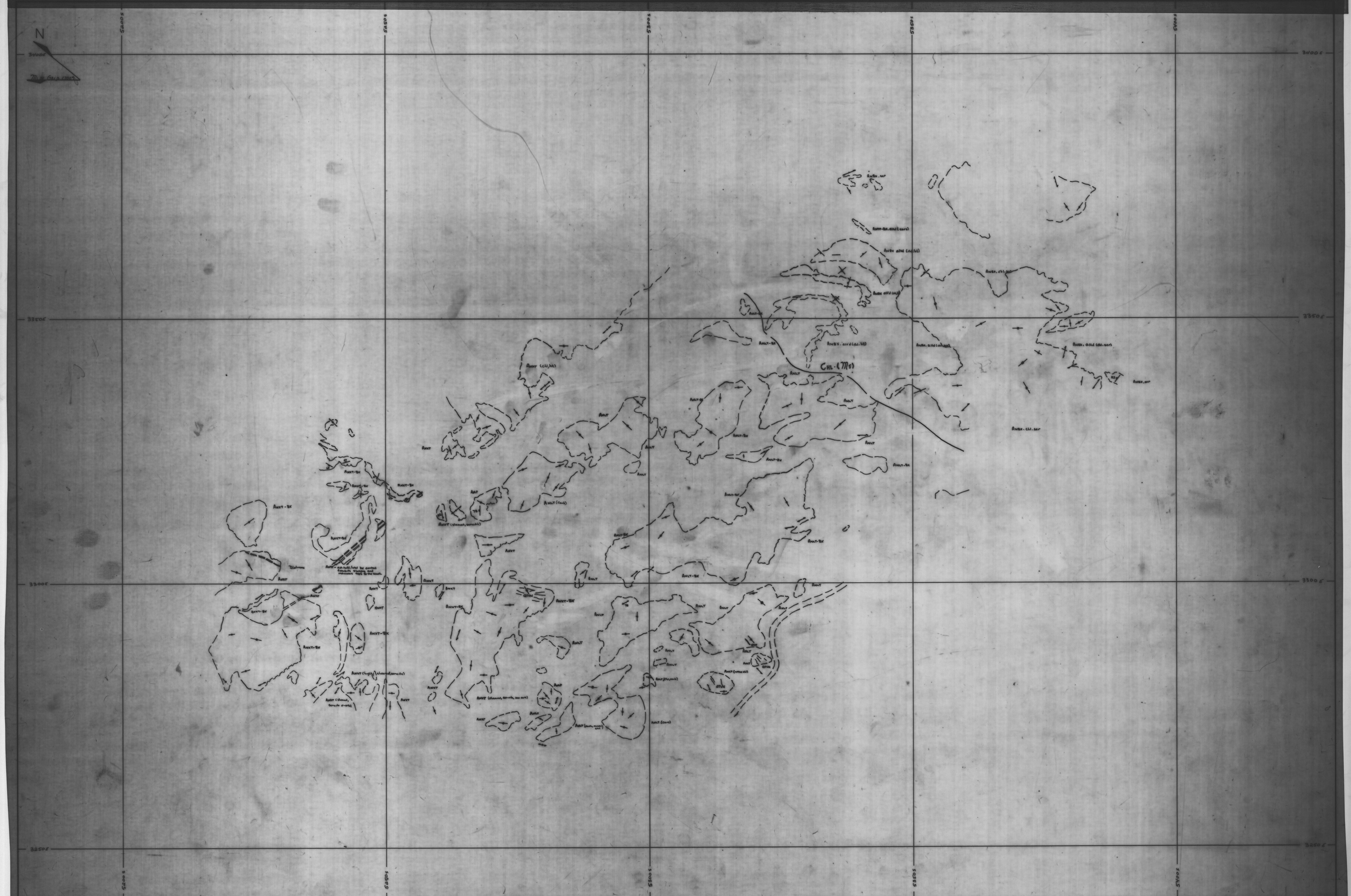
SURFACE GEOLOGY
WEST ZONE 1:250
52-340 ("MILL GITE Z")



INTERMEDIATE TO MAFIC INTRUSIONS		INTERMEDIATE VOLCANIC ROCKS	
DIOR	DIORITE	DACT	DACITE
GABB	GABBRO	DCFL	DACITE FLOW
LAMP	LAMPROPHYRE DYKES-SILLS	DCTF	DACITE TUFF
FELSIC TO INTERMEDIATE INTRUSIONS		DCLT	DACITE LAPPILI TUFF
SYNT	SYENITE	DCBX	DACITE BRECCIA
FPSY	SYENITE PORPHYRY	DCXT	DACITE CRYSTAL TUFF
FPFP	FELDSPAR PORPHYRY	DCPP	DACITE PORPHYRY
FPQP	QUARTZ-EYE PORPHYRY	DCVL (HELT)	VOLCANICLASTIC
FPHB	HORNBLENDE PORPHYRY DYKES-SILLS	ANDS	ANDESITE
QFPP	QUARTZ FELDSPAR PORPHYRY	ANFL	ANDESITE FLOW
SEDIMENTARY ROCKS		ANTF	ANDESITE TUFF
ARGT	ARGILLITE	ANLT	ANDESITE-LAPPILI TUFF
ARGY	ARGYLITE	ANBX	ANDESITE BRECCIA
ARKS	ARKOSE	ANXT	ANDESITE CRYSTAL TUFF
ARGW	ARGILLITE WACKE	ANPP	ANDESITE PORPHYRY
SUB GRWK	SUB GREYWACKE	ANVL(HELT)	VOLCANICLASTIC
LITHIC ARNT	LITHIC ARENITE		
LITHIC ARWK	LITHIC ARKOSE		
CONGL	CONGLOMERATE		

ABBREVIATIONS	
Au	Native Gold
Asp	Arsenopyrite
Az	Azurite
Ba	Barite
BAWN	Barite Vein
Bx	Breccia
Cpy	Chalcopyrite
El	Electrum
Gn-Sn	Galena
Hem	Hematite
Fe	Iron stain
Lim	Limonite
Mal	Malachite
Py	Pyrite
Po	Pyrrhotite
Qz	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 QUARTZ 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
	Au (Oz/ton), Ag. (Oz/ton), Width (m)

ALTERATION	
%/= SER, =	SERICITIZATION
CHL	CHLORITIZATION
CB—CARB	CARBONATE ALTERATION
QTZ,QTXN	QUARTZ , QUARTZ VEIN
BA BAWN	BARITE , BARITE VEIN
AL	ALUNITE
CY	CLAY
QT—SER—SCH	QUARTZ SERICITE SCHIST
SL , QZ	SILICIFIED
QTSW	QUARTZ STOCKWORK
QTBX	QUARTZ BRECCIA

0 5 10 15 20 25

inches 0 1 2
centimeters 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 image, therefore it represents the measurement 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	December 2-1989

NEWHAWK GOLD MINES LTD.

SULPHURETS PROJECT
WEST ZONE

Geology

DRAWN BY: BM	SCALE: 1:250
DATE:	PLATE NO:
DRAWING NO: 804344	

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