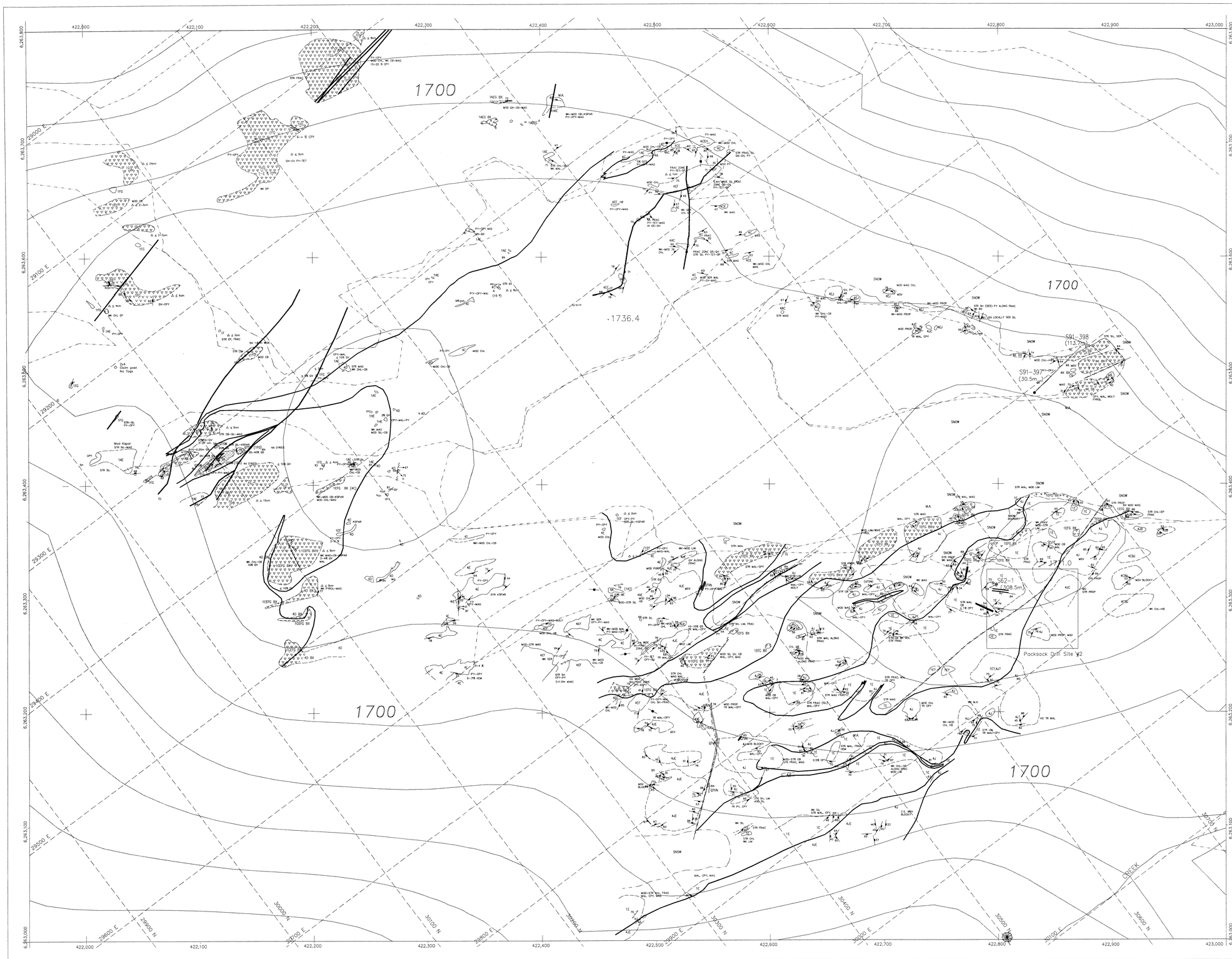

TRUE NORTH

U.T.M. NORTH

MINE GRID NORTH

AZIMUTH OF GRID (N) w.r.t. UTM NORTH = 33°
AZIMUTH OF GRID (N) w.r.t. TRUE NORTH = 57°53'

LEGEND

MINE GRID

Lake

River

Stream

Icefield

Trees

Contour

Index

Intermediate

LEGEND

5 INTERMEDIATE TO MAFIC INTRUSIVES

5A UNSUBDIVIDED, 5B DIORITE (DIOR), 5C GABBRO (GABR), 5D DIABASE (DIAB), 5E LAMPROPHYRE DYKES-SILLS (LAMP), 5F HORNBLENDE PORPHYRY DYKE (HBP)

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), 4K INTRUSIVE BRECCIA (INBX)

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), 3F 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 (MAFL), 1C PORPHYRITIC FLOWS (MAPO), 1D PILLOWED FLOWS/PILLOW BRECCIA (MAPL), 1E TUFF (MATF), 1F LAPILLI TUFF (MALT), 1G TUFF-BRECCIA (MABR), 1H CRYSTAL TUFF (MACT), 1I PORPHYRY (MAPP), 1J VOLCANICLASTIC-LAHAR (MAVL)

ALTERED ROCKS

ALB	ALBITIZATION
BIO	BIOTIFEROUS
CB	CARBONATE ALTERATION
CHL	CHLORITIZATION, CHLORITIC
KSP	POTASSIC ALTERATION
PYR	PYRITIZATION, PYRITE SCHIST
QP	QUARTZ PYRITE
SER	SERICITIZATION, SERICITIC
SIL	SILICIFICATION, SILICIFIED

MSV – MASSIVE
MA – MAGNETIC ATTRACTION
WK – WEAK MOD – MODERATE STR – STRONG

SYMBOLS

OUTCROP BOUNDARY

BEDDING (VERTICAL, INCLINED)

SHEARING (VERTICAL, INCLINED)

JOINTING (HORIZONTAL, INCLINED, VERTICAL)

LINEATION WITH PLUNGE

PILLOWS (TOPS UNKNOWN, KNOWN)

GEOLOGICAL CONTACT (OBSERVED, ASSUMED)

FAULT (DEFINED, ASSUMED)

SHEAR ZONE, LINEAMENT

TRENCH, PIT

DRILL HOLE (VERTICAL, INCLINE)

PROPOSED DRILL HOLE (VERTICAL,INCLINE)

(APPROXIMATE LOCATION)

PACKSACK SITES No. 1-4

QUARTZ VEIN >80% QTVN/QTSW

QUARTZ STOCKWORK 20%-80% QTVN/QTSW

QP-QSP: QUARTZ PYRITE- QUARTZ,SERICITE,PYRITE ZONE

ABBREVIATIONS

AU – NATIVE GOLD		GN – GALENA	
AG – NATIVE SILVER		HB – HORNBLENDE	
ANK – ANKERITE		HEM – HEMATITE	
ARG – ARGENTITE		LIM – LIMONITE	
ASP – ARSENOPYRITE		LM – LIMONITE	
AZ – AZURITE		MAL – MALACHITE	
BA – BARITE		MO – MOLYBDENITE	
BAVN – BARITE VEIN		POLY – POLYBASITE	
BN – BORNITE		PY – PYRITE	
BI – BISCUITE		PYRA – PYRARGYRITE	
CHAL – CHALCOCITE		PYRR – PYRRHOTITE	
CP – CHALCOPYRITE		PORP – PORPHYRITIC	
CU – NATIVE COPPER		QCS/QCV – QUARTZ-CARBONATE STRINGER/VEIN	
DOL – DOLOMITE		QS/QV – QUARTZ STRINGER/VEIN	
EL – ELECTRUM		QTZ – QUARTZ	
EP – EPIDOTE		SH – SHEAR	
GP – GRAPHITE		SID – SIDERITE	
		SPH – SPHALERITE	
		TENN – TENNANITE	
		TET – TETRAHEDRITE	
		TOUR – TOURMALINE	

DIAMOND DRILL HOLES

DDH	AZ	DIP	FROM	TO	WIDTH (m)	Au (oz)	Cu (%)
62-1	-----	- 90°	0.30	27.74	27.1	N.A.	0.36%
S91-397	145°	- 50°	4.60 13.60	30.5 30.50	25.9 16.90	0.003 0.008	0.23% 0.29%
S91-398	45°	- 90°	12.10 12.10	43.20 69.0	31.10 56.90	0.0115 0.010	0.58% 0.44%

0 10 20 40 60 80 100
METRES
SCALE 1:1000

DIRECTORY: $EXPL/SULPHRTS/GEOLOGY
DATA FILE: $EXPL/SULPHRTS/GEOLOGY/DHLIST

INCHES
0 1 2 3 4 5
CENTIMETRES

This reference scale has been added to the original plan in order to ensure that copies of the plan will retain the original scale when photocopied or otherwise reproduced.

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DRAWN LAM	SULPHERETS
DATE 06/12/92	MAIN COPPER
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