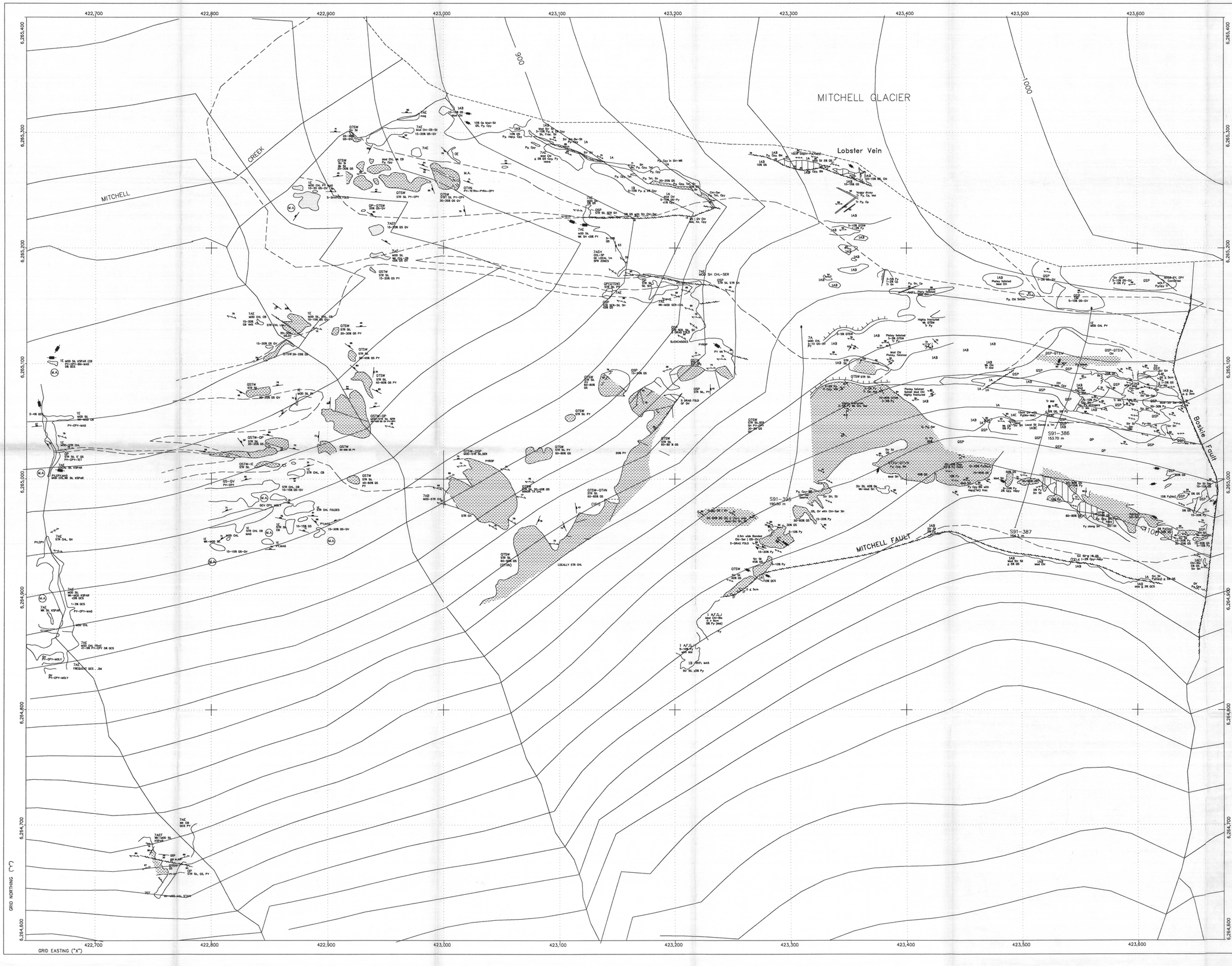

LEGEND

5 INTERMEDIATE TO MAFIC INTRUSIVES

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

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), 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); 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 (ANBC), 1H CRYSTAL TUFF (ANXT), 1I PORPHYRY (ANPP), 1J VOLCANICLASTIC-LAHAR (AVVL)

ALTERED ROCKS

ALB	ALBITIZATION
BIO	BIOTITIZOUS
CB	CARBONATE ALTERATION
CHL	CHLORITIZATION; CHLORITIC
KSP	POTASSIC ALTERATION
QSP	QUARTZ-SERICITE; PYRITE SCHIST
SER	SERICITIZATION; SERICITIC
SIL	SILICIFICATION; SILICIFIED

WK - WEAK MOD - MODERATE STR - STRONG

M.A. MAGNETIC ATRACTION

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, INCLINED)
- DIAMOND SAW CHANNEL INTERVAL
- QUARTZ VEIN >80% QTVN/QTSW
- QUARTZ STOCKWORK 20%-80% QTVN/QTSW

ABBREVIATIONS

AU - NATIVE GOLD		GN - GALENA	
AG - NATIVE SILVER		HEM - HEMATITE	
AMK - AMKERITE		LIM - LIMONITE	
ARG - ARGENTITE		MAG - MAGNETITE	
ASPY - ARSENOPYRITE		MAL - MALACHITE	
AZ - AZURITE		MO - MOLYBDENITE	
BT - BITUMEN		POLY - POLYBASITE	
BWN - BARITE VEIN		PR - PROUSTITE	
BN - BORNITE		PYRA - PYRARGYRITE	
BR - BRECCIA		PO - PYRRHOTITE	
CHAL - CHALCOCITE		QCS/QCV - QUARTZ-CARBONATE STRINGER/VEIN	
CPY - CHALCOPYRITE		QS/QV - QUARTZ STRINGER/VEIN	
CU - NATIVE COPPER		SID - SIDERITE	
DOL - DOLOMITE		SP - SPHALERITE	
EL - ELECTRUM		TENN - TENNANTITE	
GF - GRAPHITE		TET - TETRAHEDRITE	

QTVN - QUARTZ VEIN >80% QTVN/QTSW
QTSW - QUARTZ STOCKWORK 20%-80% QTVN/QTSW

Significant Intersections

DDH	AZ	DIP	FROM	TO	WIDTH (m)	AU (oz/T)	CU (%)
386	139.2	-46.6	0	21.25	21.25	.024	.15
			63.41	84.45	21.00	.029	.18
			102.40	123.40	21.00	.027	.17
			0	153.70	153.70	.022	.17
387	193.5	-46.6	0	68.70	68.70	.028	.17
			0	154.30	154.30	.020	.16
395	180.0	-41.0	0	131.50	131.50	.022	.26
			0	190.50	190.50	.021	.18

This reference scale has been calibrated 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.

UTM NORTH IS 1 DEG 1.3 MIN WEST OF TRUE NORTH

0 40 80 120
METRES

DIRECTORY: $EXPL/SULP/GEOLOG
DATA FILE: $EXPL/SULP/GEOLOG/DHLIST

PLACER DOME INC.	
DRAWN TJC	SULPHURETS PROPERTY
DATE 92:01:22	MITCHELL GOLD
SCALE 1:1000	GEOLOGY
mitch-geo	NO.

803205