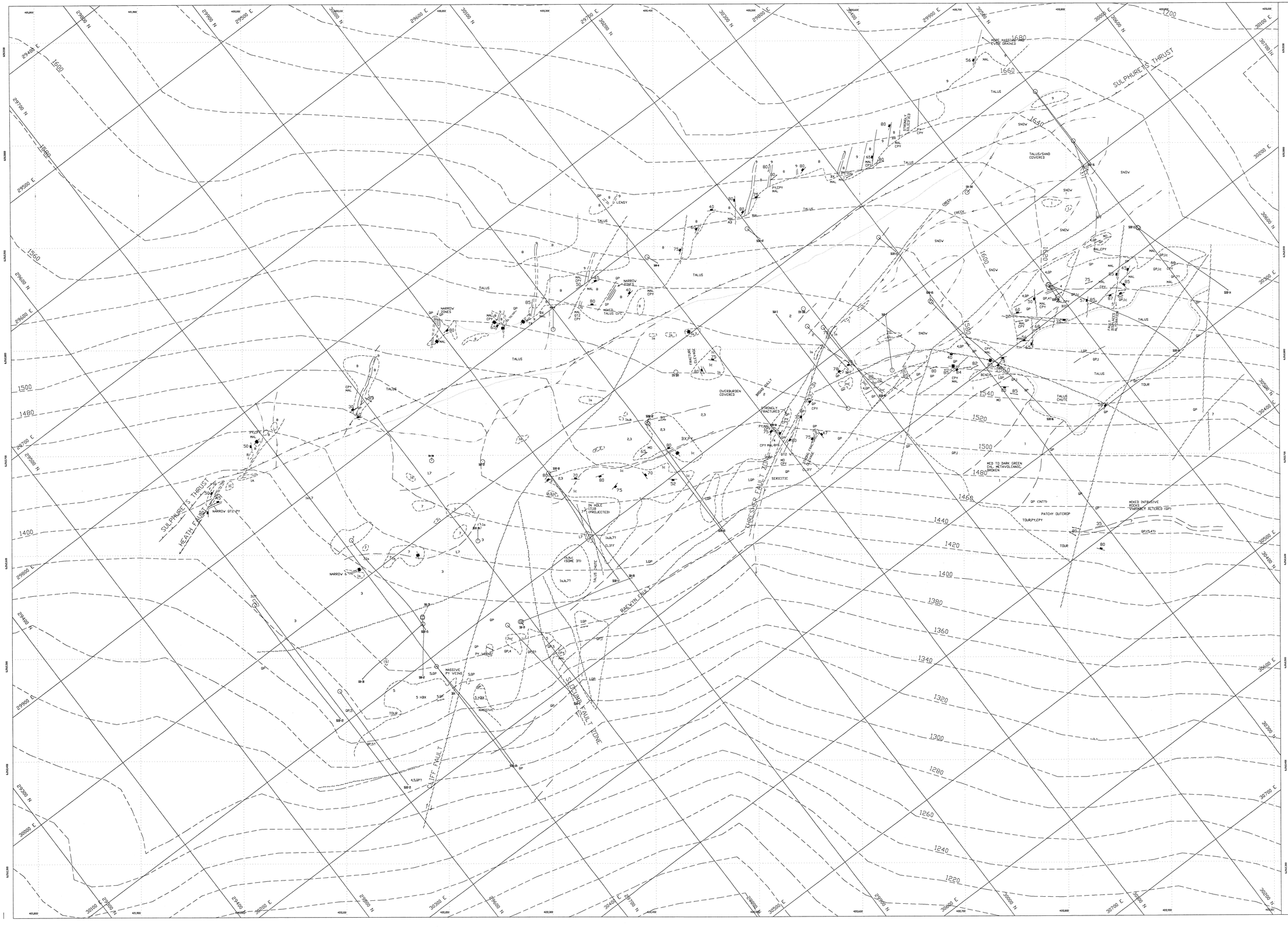

LEGEND

MINE GRID

CONTOUR in metres

CREEK

SNOV

TALUS

LITHOLOGIES

ABOVE SULPHURETS THRUST FAULT (UPPER PLATE)
MAIN COPPER AND PACKSACK ZONES

[1] DMKZ- FELDSPAR PORPHYRY INTRUSIONS

MOTTLED PINKS AND GREENS WITH COARSE PLAGIOCLASE OR K-FELDSPAR P
K-FELDSPAR RICH GROUNDMASS. VARIABLE CHLORITE AND EPIDOTE ALTERAT
POTASSIC MONZONITE TO SYENITE.

[1] VMTF- INTERMEDIATE MASSIVE FLOWS (VAFV) AND TUFFS (VATF)

GENERALLY MASSIVE, MEDIUM GREEN. VARIABLE K-FELDSPAR ALTERATION
LOCAL MAGNETITE. TRACHYANDESITE

BELOW THE SULPHURETS THRUST FAULT
SULPHURETS GOLD ZONE

[1] DDRT- LATE MAFIC INTRUSIVES
GREY TO GREEN HORNBLENDIC AND/OR PLAGIOCLASE PORPHYRITIC MONZODIOR
NARROW MORE MAFIC MONZONITE AND MONZODIABASE DIKES SILLS

[1] VUTF- ALTERED VOLCANICS (SEE ALTERATION DESCRIPTIONS)

[1] PIBX- SILICEOUS HYDROTHERMAL BRECCIAS
PKBX- POTASSIC HYDROTHERMAL INTRUSION BRECCIAS
PHBX- HYDROTHERMAL BRECCIAS (HBX), UNDIFF

LIGHT GREY TO PINK, VARIABLY K-FELDSPAR ALTERED AND SILICIFIED. VA
PERCENTAGE OF FRAGMENTS AND VENOLITHS, COMMONLY HETEROLITHIC. STR
ALTERED HYDROTHERMAL BRECCIA.

[1] PKZD- EARLY FELSIC INTRUSIVES - RAEVYN QUARTZ-MONZONITES
PQMZ- QUARTZ MONZONITE

LIGHT GREY STRONGLY ALTERED AND BRECCIATED PORPHYRITIC TO EQUIGR
QUARTZ MONZONITE TO MONZONITE. QUARTZ FRAGMENTS COMMON.
K-FELDSPAR GROUNDMASS OVERPRINTED BY SILICIFICATION, SERICITE, LOCAL
BIOTITE, PATCHY ALBITE.

[1] SEDS- VOLCANOCLASTIC ROCKS AND ARGILLITES
SARG- GREEN, GREY TO BLACK ARGILLITES
SSLT- SILTSTONE
SARN- VOLCANIC ARENITES (EPICLASTICS)
VOLCANIC FLOWS

[1] CCSD- FINE BEDDED TUFFS, CHERTY TUFFS AND CHEMICAL SEDIMENTS

LIGHT GREEN , GREY TO BROWN CHERTS, CHERTY TUFFS. INCLUDES SOME
DARK ARGILLITE BEDS AND FINE COMMONLY BEDDED ASH TO DUST TUFFS.

[1] INTERMEDIATE VOLCANICS
VATF- TRACHYANDESITE GREEN TRACHYANDESITE TUFFS (LATITES)
VAFV- TRACHYANDESITE FLOWS
1a)UNDIFFERENTIATED ; 1b) MASSIVE FLOWS ; 1c)BEDDED TO MASSIVE TUFFS;
VALT- 1d) VALT- VOLCANIC BRECCIA
VAKT- TRACHYANDESITIC CRYSTAL TUFF
VAAT- TRACHYANDESITE ASH TUFF

ALTERATION DESCRIPTIONS
KP POTASSIC (K-FELDSPAR-MAGNETITE AND MINOR CHALCOPYRITE).
PR PROPYLITIC (CHLORITE +/- EPIDOTE AND CALCITE, PYRITE +/- CHALCOPYRIT
SI SILICIFICATION
QS QUARTZ-SERICITE-K-FELDSPAR-PYRITE
BOR BORON (TOURMALINE, TOURMALINE, CHLORITE, SERICITE, AND CHA
ALTERATION TO A LARGE EXTENT OBSCURES ORIGINAL TEXTURES, WHERE PRE
IS RECOGNIZABLE ITS CODE NUMBER IS ADDED . eg QP1
QB QUARTZ-K-FELDSPAR-HYDROTHERMAL BIOTITE(?)-DOLOMITE BROWN?)-PYRITE-CH
+/- SERICITE-CHLORITE-ALBITE.
QA QUARTZ-K-FELDSPAR-ALBITE-SERICITE-PYRITE +/- CHLORITE-CHALCOPYRITE

ABBREVIATIONS

CPY	CHALCOPYRITE
MO	MOLYBDENITE
TOUR	TOURMALINE
MAL	MALACHITE
AZ	AZURITE
BIOT	BIOTITE
BX	BRECCIATED

SYMBOLS

BEDDING (VERTICAL,INCLINED)

CLEAVAGE/FOLIATION (VERTICAL,INCLINED)

JOINTING (VERTICAL,INCLINED)

GEOLOGICAL CONTACT (OBSERVED/ASSUMED)

FAULT (ASSUMED), DIP OF FAULT PLANE.

THRUST FAULT, TEETH UPPER PLATE

TRENCH

DIAMOND DRILL HOLE (VERTICAL, INCLINED) WITH HOLE NO.

DIAMOND DRILL HOLE TRACE UNCERTAIN

OUTCROP BOUNDARY

PLACER DOME INC.

DRAWN ABLE DRAFTING KAMLOOPS B.C.	SULPHURETS PROJECT SULPHURETS GOLD ZONE GEOLOGY
DATE 01/21/93	BY RON WELLS KAMLOOPS GEOLOGICAL SERVI
SCALE 1:1000	NO. rwg6092.dwg

803206