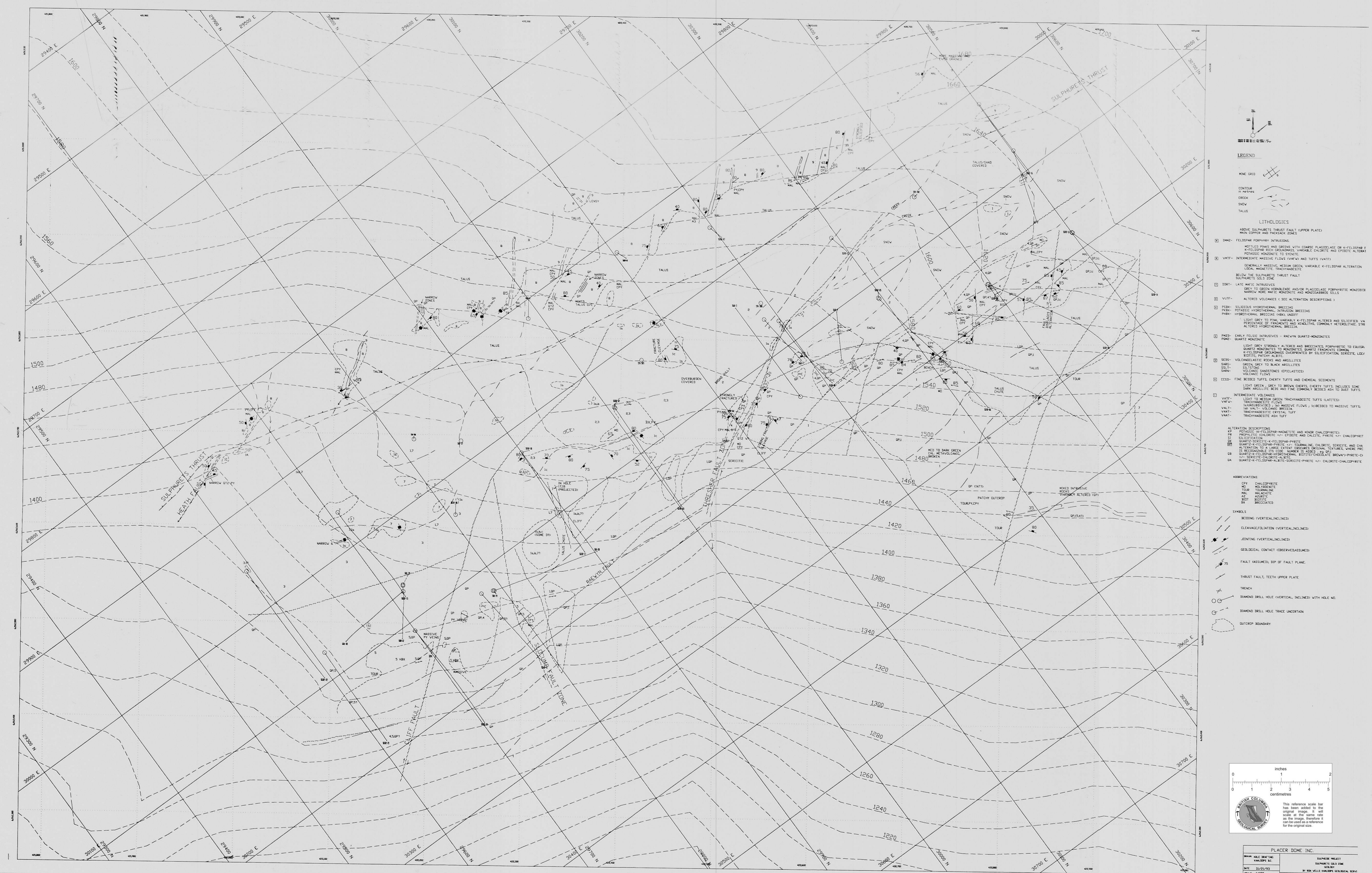
415


SULPHURETS THRUST
LEGEND
MINE GRID
CONTOUR in metres
CREEK
SNOW
TALUS
LITHOLOGIES
ABOVE SULPHURETS THRUST FAULT (UPPER PLATE)
MAIN COPPER AND PACKSACK ZONES
DMMZ- FELDSPAR PORPHYRY INTRUSIONS.
MOTTLED PINKS AND GREENS WITH COARSE PLAGIOCLASE OR K-FELDSPAR F
K-FELDSPAR RICH GROUNDMASS, VARIABLE CHLORITE AND EPIDOTE ALTERAT
POTASSIC MONZONITE TO SYENITE.
VMTF- INTERMEDIATE MASSIVE FLOWS (VAFW) AND TUFFS (VATF)
GENERALLY MASSIVE, MEDIUM GREEN, VARIABLE K-FELDSPAR ALTERATION
LOCAL MAGNETITE. TRACHYANDESITE
BELOW THE SULPHURETS THRUST FAULT
SULPHURETS GOLD ZONE
7 DDRT- LATE MAFIC INTRUSIVES
GREY TO GREEN HORNBLENDE AND/OR PLAGIOCLASE PORPHYRITIC MONZODIO
NARROW MORE MAFIC MONZONITE AND MONZOGABBROS SILLS
6 VUTF- ALTERED VOLCANICS (SEE ALTERATION DESCRIPTIONS)
5 PSBX- SILICEOUS HYDROTHERMAL BRECCIAS
PKBX- POTASSIC HYDROTHERMAL, INTRUSION BREECIAS
PHBX- HYDROTHERMAL BRECCIAS (HBX), UNDIFF
LIGHT GREY TO PINK, VARIABLY K-FELDSPAR ALTERED AND SILICIFIED. VA
PERCENTAGE OF FRAGMENTS AND XENOLITHS, COMMONLY HETEROLITHIC. STRI
ALTERED HYDROTHERMAL BRECCIA.
4 PMZD- EARLY FELSIC INTRUSIVES - RAEWYN QUARTZ-MONZONITES
PQMZ- QUARTZ MONZONITE
LIGHT GREY STRONGLY ALTERED AND BREECIATED, PORPHYRITIC TO EQUIGR
QUARTZ MONZONITES TO MONZONITES. QUARTZ FRAGMENTS COMMON.
K-FELDSPAR GROUMDMASS OVERPRINTED BY SILICIFICATION, SERICITE, LOC
BIOTITE, PATCHY ALBITE.
3 SEDS- VOLCANOCLASTIC ROCKS AND ARGILLITES
SARG- GREEN, GREY TO BLACK ARGILLITES
SSLT- SILTSTONE
SARN- VOLCANIC SANDSTONES (EPICLASTICS)
VOLCANIC FLOWS
2 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- LIGHT TO MEDIUM GREEN TRACHYANDESITE TUFFS (LATITES)
VAFW- TRACHYANDESITE FLOWS
1a)UNSUBDIVIDED ; 1b) MASSIVE FLOWS ; 1c)BEDDED TO MASSIVE TUFFS;
VALT- 1d) VALT- VOLCANIC BRECCIA.
VAXT- 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
QK QUARTZ-SERICITE-K-FELDSPAR-PYRITE
QP QUARTZ-K-FELDSPAR-PYRITE +/- TOURMALINE, CHLORITE, SERICITE, AND CHA
ALTERATION TO A LARGE EXTENT OBSCURES ORIGINAL TEXTURES, WHERE PRO
IS RECOGNIZABLE ITS CODE NUMBER IS ADDED . eg QP,1
QB QUARTZ-K-FELDSPAR-HYDROTHERMAL BIOTITE("CHOCOLATE 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
inches
0 1 2
0 1 2 3 4 5
centimetres
BRITISH COLUMBIA GEOLOGICAL SURVEY
This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.
PLACER DOME INC.
DRAWN ABLE DRAFTING KAMLOOPS B.C.
DATE 01/21/93
SCALE 1:1000
SULPHSIDE PROJECT
SULPHURETS GOLD ZONE
GEOLOGY
BY RON WELLS KAMLOOPS GEOLOGICAL SERVI
NO. rwgeo92.dwg

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