

OPSEP TEST FILE SPECIFICATIONS

RECORD SERIAL NUMBER 98

0101	IDENTIFICATION		
	REFERENCE-NUMBER	-	980
	RECORD-NAME	-	TULSEQUAH CHIEF
	ENTITY-CODED	-	COMPOUND
	LINK-NUMBER	-	----- NO DATA
SS01	NAME-OR-IDENTIFIER	-	KRD 7727
	YEAR-OF-NAME	-	1974
0201	LOCATION		
	OBJECT-LOCATED	-	----- NO DATA
	LATITUDE	-	58.7334
	LONGITUDE	-	133.5750
	UTM-ZONE	-	8
	NORTHING	-	6511600
	EASTING	-	582500
	UNCERTAINTY-METRES	-	----- NO DATA
	LATITUDE-DECIMAL-MINUTES	-	58 44.3
	LONGITUDE-DECIMAL-MINUTES	-	133 34.5
SS01	NTS-PRIMARY-QUADRANGLE	-	104
	NTS-LETTERED-QUADRANGLE	-	K
	NTS-TERTIARY-QUADRANGLE	-	12
	PROVINCE-TERRITORY	-	B.C.
0301	PRODUCTION-STATUS		
	STATUS	-	PASTPROD
	DATE-OF-STATUS	-	1972
SS01	COMMODITY-NAME	-	ZINC
SS02	COMMODITY-NAME	-	COPPER
SS03	COMMODITY-NAME	-	GOLD
SS04	COMMODITY-NAME	-	SILVER
SS05	COMMODITY-NAME	-	LEAD
SS06	COMMODITY-NAME	-	CADMIUM
0401	DEPOSIT-CLASSIFICATION		
	CLASSIFICATION-SCHEME	-	GUIDE 73
	DEPOSIT-TYPE	-	VEIN
	CLASSIFIED-BY	-	G.FEDOSEJEVS
0402	DEPOSIT-CLASSIFICATION		
	CLASSIFICATION-SCHEME	-	BROAD DATA BANK
	DEPOSIT-TYPE	-	VNSWRM
	CLASSIFIED-BY	-	D.WHITMORE
0403	DEPOSIT-CLASSIFICATION		
	CLASSIFICATION-SCHEME	-	MORPH DATA BANK
	DEPOSIT-TYPE	-	DISC-PLAN
	CLASSIFIED-BY	-	G.FEDOSEJEVS
0404	DEPOSIT-CLASSIFICATION		
	CLASSIFICATION-SCHEME	-	PB-ZN SANGSTER 73
	DEPOSIT-TYPE	-	VEIN
	CLASSIFIED-BY	-	D.WHITMORE
0405	DEPOSIT-CLASSIFICATION		

CLASSIFICATION-SCHEME - CU-KIRKHAM 73  
 DEPOSIT-TYPE - MISC CU  
 CLASSIFIED-BY - G.FEDOSEJEVS

0501 ASSOCIATED-ROCKS  
 ROCK-NAME - SERICITE SCHIST  
 MAJOR-ROCK-CLASS - IGNEOUS  
 COMPOSITION-CLASS - FELSIC  
 GENETIC-CLASS - EXTRUSIVE  
 METAMORPHISM - METAMORPHIC  
 OTHER-MODIFIER - ----- NO DATA  
 RELATIONSHIP-TO-DEPOSIT - HOST  
 RADIOMETRIC-AGE-MILL-YR - ----- NO DATA  
 RADIOMETRIC-AGE-REF - ----- NO DATA

0502 ASSOCIATED-ROCKS  
 ROCK-NAME - QRTZ-FLDP PORPHYRY  
 MAJOR-ROCK-CLASS - IGNEOUS  
 COMPOSITION-CLASS - FELSIC  
 GENETIC-CLASS - INTRUSIVE  
 METAMORPHISM - ----- NO DATA  
 OTHER-MODIFIER - ----- NO DATA  
 RELATIONSHIP-TO-DEPOSIT - HOST  
 RADIOMETRIC-AGE-MILL-YR - ----- NO DATA  
 RADIOMETRIC-AGE-REF - ----- NO DATA

0503 ASSOCIATED-ROCKS  
 ROCK-NAME - GREENSTONE  
 MAJOR-ROCK-CLASS - IGNEOUS  
 COMPOSITION-CLASS - INTERMEDIATE  
 GENETIC-CLASS - EXTRUSIVE  
 METAMORPHISM - ----- NO DATA  
 OTHER-MODIFIER - MASSIVE  
 RELATIONSHIP-TO-DEPOSIT - NEAR  
 RADIOMETRIC-AGE-MILL-YR - ----- NO DATA  
 RADIOMETRIC-AGE-REF - ----- NO DATA

0504 ASSOCIATED-ROCKS  
 ROCK-NAME - FELSITE DYKES  
 MAJOR-ROCK-CLASS - IGNEOUS  
 COMPOSITION-CLASS - FELSIC  
 GENETIC-CLASS - INTRUSIVE  
 METAMORPHISM - ----- NO DATA  
 OTHER-MODIFIER - ----- NO DATA  
 RELATIONSHIP-TO-DEPOSIT - NEAR  
 RADIOMETRIC-AGE-MILL-YR - ----- NO DATA  
 RADIOMETRIC-AGE-REF - ----- NO DATA

0601 GEOLOGICAL-UNIT  
 UNIT-NAME - STUHINI  
 UNIT-CATEGORY - GROUP  
 MINIMUM-AGE-CODE - 231  
 MAXIMUM-AGE-CODE - 231  
 RELATION-TO-DEPOSIT - HOST

0701 GEOLOGICAL-PROVINCE  
 PROVINCE-NAME - CORDILLERAN

## TECTONIC-UNIT - COLUMBIA INTERMONT BELT

## 0801 MINERALS-OBSERVED

SS01	MINERAL-NAME	-	PYRT
SS02	MINERAL-NAME	-	SPLR
SS03	MINERAL-NAME	-	GLEN
SS04	MINERAL-NAME	-	CLCP
SS05	MINERAL-NAME	-	BRNT
SS06	MINERAL-NAME	-	TNNT
SS07	MINERAL-NAME	-	TRDR
SS08	MINERAL-NAME	-	BRIT
SS09	MINERAL-NAME	-	ADRT

## 0901 DEVELOPMENT

	DEVELOPMENT-STAGE	-	PASTPROD
SS01	TYPE-OF-DEVELOPMENT	-	D.D.
	DATE-AT-WHICH-COMPLETED	-	1956
	TOTAL-LENGTH	-	25384.0
	LENGTH-UNITS	-	FT.
	NO-OF-DEVELOPMENT-UNITS	-	----- NO DATA

## 1001 PRODUCTION

	ORE-OR-CONCENTRATE	-	ORE
	ORE-CONCENTRATE-AMOUNT	-	1.02909E+06
	ORE-CONCENTRATE-UNITS	-	SHT.TONS
	DATE-FROM-P	-	1951
	DATE-TO-P	-	1957
SS01	CONTAINED-COMMODITY-NAME	-	GOLD
	CONTAINED-COMMODITY-GRADE	-	0.09
	GRADE-UNITS	-	OZ/T
	COMMODITY-AMOUNT	-	9.42540E+04
	UNITS-OF-AMOUNT	-	OZS.
SS02	CONTAINED-COMMODITY-NAME	-	SILVER
	CONTAINED-COMMODITY-GRADE	-	3.30
	GRADE-UNITS	-	OZ/T
	COMMODITY-AMOUNT	-	3.40077E+06
	UNITS-OF-AMOUNT	-	OZS.
SS03	CONTAINED-COMMODITY-NAME	-	COPPER
	CONTAINED-COMMODITY-GRADE	-	1.32
	GRADE-UNITS	-	WT.%
	COMMODITY-AMOUNT	-	2.72079E+07
	UNITS-OF-AMOUNT	-	LBS.
SS04	CONTAINED-COMMODITY-NAME	-	LEAD
	CONTAINED-COMMODITY-GRADE	-	1.31
	GRADE-UNITS	-	WT.%
	COMMODITY-AMOUNT	-	2.69269E+07
	UNITS-OF-AMOUNT	-	LBS.
SS05	CONTAINED-COMMODITY-NAME	-	ZINC
	CONTAINED-COMMODITY-GRADE	-	6.19
	GRADE-UNITS	-	WT.%
	COMMODITY-AMOUNT	-	1.24693E+08
	UNITS-OF-AMOUNT	-	LBS.

## 1301 OWNERSHIP

	OWNER-OPERATOR	-	CONS.MINING&SMELTING CO.CAN.LTD.
	WHETHER-OWNER-OPERATOR	-	OPERATOR
	DATE-AT-OWNS	-	1956

1401 COMMENTS  
APPLICABILITY

- PROD
- SS01 COMMENT - THE FIGURES REFER TO THE COM-
- SS02 COMMENT - BINED PRODUCTION OF THE BIG BULL
- SS03 COMMENT - & TULSEQUAH CHIEF MINES.

1402 COMMENTS  
APPLICABILITY

- ASSRCKS
- SS01 COMMENT - THE ORE OCCURS AS PYRITIC SUL-
- SS02 COMMENT - FIDE STRINGER LODES & REPLACE-
- SS03 COMMENT - MENT BODIES. THE MAIN ORE SHOOTS
- SS04 COMMENT - OR CHIMNEYS ARE THE UPPER, A, B, C,
- SS05 COMMENT - D&E LODES.
- SS06 COMMENT - THE REGIONAL GEOL. SEQUENCE IS AS
- SS07 COMMENT - FOLLOWS
- SS08 COMMENT - 1) BASEMENT OF PERMIAN ARGILLITE
- SS09 COMMENT - & LIMESTONE;
- SS10 COMMENT - 2) QRTZ-FLDP PORPHYRY NECK;
- SS11 COMMENT - 3) RHYOLITE COMPLEX OF FLOWS,
- SS12 COMMENT - BRECCIA & FRAGMENTALS;
- SS13 COMMENT - 4) ANDESITE FLOWS & FRAGMENTALS;
- SS14 COMMENT - 5) ANDESITE SILL ALONG CONTACT
- SS15 COMMENT - WITH BASEMENT ROCKS;
- SS16 COMMENT - 6) INJECTION DYKES;
- SS17 COMMENT - 7) METASOMATIC REPLACEMENT BY
- SS18 COMMENT - POTASH- & SULPHATE-RICH SOL.

1403 COMMENTS  
APPLICABILITY

- ASSRCKS
- SS01 COMMENT - THE ORE ZONE LIES EAST OF A N-S
- SS02 COMMENT - FAULT IN THE TULSEQUAH SYNCLIN-
- SS03 COMMENT - ORIUM. MASSIVE COMPETENT GREEN-
- SS04 COMMENT - STONES LIE EAST OF THE FAULT;
- SS05 COMMENT - CONTORTED & ALTERED VOLCANICS TO
- SS06 COMMENT - THE WEST. THE ORE DEPOSITS ARE
- SS07 COMMENT - LOCALIZED BY REGIONAL FAULTS
- SS08 COMMENT - THAT PROVIDE FAVOURABLE STRUCT-
- SS09 COMMENT - URES & ENTRY-WAYS FOR MINERAL-
- SS10 COMMENT - IZING FLUIDS. AT THE MINE SITE
- SS11 COMMENT - THE FAULTS PASS FROM PORPHYRY
- SS12 COMMENT - INTO ANDESITE AT DEPTH & BECOME
- SS13 COMMENT - UNFAVOURABLE FOR REPLACEMENT-
- SS14 COMMENT - TYPE MINERALIZATION.
- SS15 COMMENT - ALTERATION AROUND THE ORE ZONE
- SS16 COMMENT - CONSISTS OF AN OUTER SILICIC
- SS17 COMMENT - HALO & AN INNER SERICITIC, NON-
- SS18 COMMENT - SILICIC HALO WITH PATCHES OF
- SS19 COMMENT - BARITE & ANHYDRITE.

## 1501 REFERENCES

- AUTHOR-NAME - KERR, F. A.
- TYPE-OF-DOCUMENT - REPORT
- YEAR - 1948
- TITLE - TAKU R. MAP-AREA, B. C.
- SERIES-NAME-NUMBER - GSC, MEMOIR 248
- PAGE-REFERENCE - P. 58-61

SS01 DATA-ITEM-STRING-XREF - ----- NO DATA  
 MAP-IDENTIFIER - MAP 931A  
 MAP-TYPE - GEOL.  
 MAP-SCALE - 1/126720

## 1502 REFERENCES

AUTHOR-NAME - SMITH, A.  
 TYPE-OF-DOCUMENT - REPORT  
 YEAR - 1948  
 TITLE - STRUCTURAL GEOLOGY OF CAN. ORE DEPOSITS  
 SERIES-NAME-NUMBER - CIMM, JUBILEE VOL, 1948  
 PAGE-REFERENCE - P.112-121

SS01 DATA-ITEM-STRING-XREF - ----- NO DATA

MAP-IDENTIFIER - FIG.4  
 MAP-TYPE - GEOL.

SS02 MAP-SCALE - ----- NO DATA

MAP-IDENTIFIER - FIG.5  
 MAP-TYPE - GEOL.

MAP-SCALE - ----- NO DATA

## 1503 REFERENCES

AUTHOR-NAME - IRVINE, W.T.  
 TYPE-OF-DOCUMENT - REPORT  
 YEAR - 1957  
 TITLE - STRUCTURAL GEOL. OF CAN. ORE DEPOSITS  
 SERIES-NAME-NUMBER - CIMM, 6TH COMMONWEALTH CONG. V.2  
 PAGE-REFERENCE - P.7-16

DATA-ITEM-STRING-XREF - ----- NO DATA

## 1601 COMPILATION

COMPILED-BY - G. FEDOSEJEVS  
 DATE-COMPILED - 740219