

675277 Granduc  
104B/1

RECORD SERIAL NUMBER 89

0101	IDENTIFICATION		
	REFERENCE-NUMBER	-	890
	RECORD-NAME	-	GRANDUC
	ENTITY-CODED	-	COMPOUND
	LINK-NUMBER	-	8005
SS01	NAME-OR-IDENTIFIER	-	LEDUC
	YEAR-OF-NAME	-	1970
SS02	NAME-OR-IDENTIFIER	-	EDNA MAY
	YEAR-OF-NAME	-	1931
0201	LOCATION		
	OBJECT-LOCATED	-	----- NO DATA
	LATITUDE	-	56.2125
	LONGITUDE	-	130.3333
	UTM-ZONE	-	9
	NORTHING	-	6230300
	EASTING	-	417300
	UNCERTAINTY-METRES	-	----- NO DATA
	LATITUDE-DECIMAL-MINUTES	-	56 12.7
	LONGITUDE-DECIMAL-MINUTES	-	130 20.0
SS01	NTS-PRIMARY-QUADRANGLE	-	104
	NTS-LETTERED-QUADRANGLE	-	B
	NTS-TERTIARY-QUADRANGLE	-	1
	PROVINCE-TERRITORY	-	B.C.
0301	PRODUCTION-STATUS		
	STATUS	-	PRODUCER
	DATE-OF-STATUS	-	1973
SS01	COMMODITY-NAME	-	COPPER
0401	DEPOSIT-CLASSIFICATION		
	CLASSIFICATION-SCHEME	-	GUIDE 73
	DEPOSIT-TYPE	-	STRATIFORM
	CLASSIFIED-BY	-	G.FEDOSEJEVS
0402	DEPOSIT-CLASSIFICATION		
	CLASSIFICATION-SCHEME	-	BROAD DATA BANK
	DEPOSIT-TYPE	-	VLSSEG
	CLASSIFIED-BY	-	G.FEDOSEJEVS
0403	DEPOSIT-CLASSIFICATION		
	CLASSIFICATION-SCHEME	-	MORPH DATA BANK
	DEPOSIT-TYPE	-	CONC-PLAN
	CLASSIFIED-BY	-	G.FEDOSEJEVS
0404	DEPOSIT-CLASSIFICATION		
	CLASSIFICATION-SCHEME	-	CU-KIRKHAM 73
	DEPOSIT-TYPE	-	VOLCANOGENIC
	CLASSIFIED-BY	-	R.V.KIRKHAM
0501	ASSOCIATED-ROCKS		
	ROCK-NAME	-	QUARTZITE
	MAJOR-ROCK-CLASS	-	SEDIMENTARY

COMPOSITION-CLASS	-	NON CARBONATE	
GENETIC-CLASS	-	DETRITAL	
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	-	LIMESTONE	
MAJOR-ROCK-CLASS	-	SEDIMENTARY	
COMPOSITION-CLASS	-	CARBONATE	
GENETIC-CLASS	-	DETRITAL	
METAMORPHISM	-	-----	NO DATA
OTHER-MODIFIER	-	-----	NO DATA
RELATIONSHIP-TO-DEPOSIT	-	HANGINGWALL	
RADIOMETRIC-AGE-MILL-YR	-	-----	NO DATA
RADIOMETRIC-AGE-REF	-	-----	NO DATA

## 0503 ASSOCIATED-ROCKS

ROCK-NAME	-	ANDESITE	
MAJOR-ROCK-CLASS	-	IGNEOUS	
COMPOSITION-CLASS	-	MAFIC	
GENETIC-CLASS	-	PYROCLASTIC	
METAMORPHISM	-	-----	NO DATA
OTHER-MODIFIER	-	PORPHYRITIC	
RELATIONSHIP-TO-DEPOSIT	-	NEAR	
RADIOMETRIC-AGE-MILL-YR	-	-----	NO DATA
RADIOMETRIC-AGE-REF	-	-----	NO DATA

## 0504 ASSOCIATED-ROCKS

ROCK-NAME	-	GREYWACKE	
MAJOR-ROCK-CLASS	-	SEDIMENTARY	
COMPOSITION-CLASS	-	NON CARBONATE	
GENETIC-CLASS	-	DETRITAL	
METAMORPHISM	-	-----	NO DATA
OTHER-MODIFIER	-	-----	NO DATA
RELATIONSHIP-TO-DEPOSIT	-	NEAR	
RADIOMETRIC-AGE-MILL-YR	-	-----	NO DATA
RADIOMETRIC-AGE-REF	-	-----	NO DATA

## 0505 ASSOCIATED-ROCKS

ROCK-NAME	-	ANDESITE	
MAJOR-ROCK-CLASS	-	IGNEOUS	
COMPOSITION-CLASS	-	MAFIC	
GENETIC-CLASS	-	EXTRUSIVE	
METAMORPHISM	-	-----	NO DATA
OTHER-MODIFIER	-	PILLOWED	
RELATIONSHIP-TO-DEPOSIT	-	NEAR	
RADIOMETRIC-AGE-MILL-YR	-	-----	NO DATA
RADIOMETRIC-AGE-REF	-	-----	NO DATA

## 0601 GEOLOGICAL-UNIT

UNIT-NAME	-	HAZELTON	
UNIT-CATEGORY	-	GROUP	
MINIMUM-AGE-CODE	-		220
MAXIMUM-AGE-CODE	-		220

	RELATION-TO-DEPOSIT	-	HOST	
0701	GEOLOGICAL-PROVINCE			
	PROVINCE-NAME	-	CORDILLERAN	
	TECTONIC-UNIT	-	COLUMBIA INTERMONT BELT	
0801	MINERALS-OBSERVED			
SS01	MINERAL-NAME	-	CLCP	
SS02	MINERAL-NAME	-	PYRT	
SS03	MINERAL-NAME	-	PYTT	
SS04	MINERAL-NAME	-	MAGN	
SS05	MINERAL-NAME	-	ARPR	
0901	DEVELOPMENT			
	DEVELOPMENT-STAGE	-	PRODUCER	
SS01	TYPE-OF-DEVELOPMENT	-	D.D.	
	DATE-AT-WHICH-COMPLETED	-	1970	
	TOTAL-LENGTH	-	68273.0	
	LENGTH-UNITS	-	FT.	
	NO-OF-DEVELOPMENT-UNITS	-	----- NO DATA	
1001	PRODUCTION			
	ORE-OR-CONCENTRATE	-	ORE	
	ORE-CONCENTRATE-AMOUNT	-	3.53000E+06	
	ORE-CONCENTRATE-UNITS	-	SHT.TONS	
	DATE-FROM-P	-	1971	
	DATE-TO-P	-	1972	
SS01	CONTAINED-COMMODITY-NAME	-	COPPER	
	CONTAINED-COMMODITY-GRADE	-	1.33	
	GRADE-UNITS	-	WT.%	
	COMMODITY-AMOUNT	-	7.28600E+07	
	UNITS-OF-AMOUNT	-	LBS.	
1201	RESERVES			
	ORE-ZONE-IDENTIFIER	-	A&B OREBODIES	
	TOTAL-PARTIAL-ASCRIBED	-	TOTAL	
	ASCRIBED-TO	-	----- NO DATA	
	ASCRIBED-FROM	-	----- NO DATA	
	QUANTITY	-	4.33430E+07	
	QUANTITY-UNITS	-	SHT.TONS	
	ORE-CATEGORY	-	MEAS+INDIC	
	RESERVE-SOURCE	-	CAN.MINES HB 1972-73	
	DATE-AT	-	1969	
	ALTERNATIVE-ESTIMATE	-	----- NO DATA	
SS01	COMMODITY-NAME-R	-	COPPER	
	COMMODITY-GRADE-R	-	1.73	
	GRADE-UNITS-R	-	WT.%	
1301	OWNERSHIP			
	OWNER-OPERATOR	-	GRANDUC ML	
	WHETHER-OWNER-OPERATOR	-	OWNER	
	DATE-AT-OWNS	-	1973	
1302	OWNERSHIP			
	OWNER-OPERATOR	-	GRANDUC OPERATING CO.	
	WHETHER-OWNER-OPERATOR	-	OPERATOR	
	DATE-AT-OWNS	-	1973	

1401	COMMENTS	
	APPLICABILITY	- ASSRCKS
SS01	COMMENT	- THE QUARTZITE (PHYLLONITE, SCHIST
SS02	COMMENT	- OR SILICEOUS SED.) IS THE META-
SS03	COMMENT	- MORPHIC EQUIVALENT OF NEAR BY
SS04	COMMENT	- ARGILLITES. THERE ARE 4 REPLACE-
SS05	COMMENT	- MENT-TYPE OREBODIES (A,B,C&F).
SS06	COMMENT	- THE B ZONE IS 50-150 FT. WIDE &
SS07	COMMENT	- 3200 FT. LONG. THE A&B ZONES ARE
SS08	COMMENT	- 400 FT. APART, STRIKING NNE. &
SS09	COMMENT	- DIPPING 65-90W, & SUB-PARALLEL TO
SS10	COMMENT	- THE GRANDUC FAULT TO THE WEST.
SS11	COMMENT	- THE SULFIDES OCCUR AS STREAKS,
SS12	COMMENT	- BLEBS, BLODS & IRREGULAR MASSIVE
SS13	COMMENT	- LENSES.
1402	COMMENTS	
	APPLICABILITY	- RSRVS
SS01	COMMENT	- 40330000 SHT. TONS AVE. 1.68% CU
SS02	COMMENT	- EST. IN GRANDUC ANN. REPT. 1971
1501	REFERENCES	
	AUTHOR-NAME	- BACON, W.R.
	TYPE-OF-DOCUMENT	- MAP
	YEAR	- 1956
	TITLE	- GRANDUC AREA
	SERIES-NAME-NUMBER	- DEPT. MINES, B.C.; PREL. MAP
	PAGE-REFERENCE	- ----- NO DATA
	DATA-ITEM-STRING-XREF	- ----- NO DATA
SS01	MAP-IDENTIFIER	- ----- NO DATA
	MAP-TYPE	- GEOL.
	MAP-SCALE	- 1/63360
1502	REFERENCES	
	AUTHOR-NAME	- JAMES, R.C.
	TYPE-OF-DOCUMENT	- REPORT
	YEAR	- 1956
	TITLE	- UNUK R.
	SERIES-NAME-NUMBER	- B.C., REPT. OF MINISTER OF MINES
	PAGE-REFERENCE	- P. 15-17
	DATA-ITEM-STRING-XREF	- ----- NO DATA
1503	REFERENCES	
	AUTHOR-NAME	- NORMAN, G.W.H.
	TYPE-OF-DOCUMENT	- REPORT
	YEAR	- 1962
	TITLE	- FAULTS & FOLDS ACROSS CORDILLERAN TRENDS AT HEAD OF LEDUC R.
	SERIES-NAME-NUMBER	- GSA, PET. STUDIES, BUDDINGTON VOL.
	PAGE-REFERENCE	- P. 313-326
	DATA-ITEM-STRING-XREF	- ----- NO DATA
SS01	MAP-IDENTIFIER	- FIG. 2
	MAP-TYPE	- GEOL.
	MAP-SCALE	- ----- NO DATA
1504	REFERENCES	
	AUTHOR-NAME	- NORMAN, G.W.H., & MCCUE, J.

TYPE-OF-DOCUMENT - REPORT  
 YEAR - 1966  
 TITLE - FOLD PATTERNS AT GRANDUC, B.C.

SERIES-NAME-NUMBER - CIM SPECIAL VOL.NO.8  
 PAGE-REFERENCE - P.305-314

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

SS01 MAP-IDENTIFIER - FIG.19-1

MAP-TYPE - GEOL.

MAP-SCALE - ----- NO DATA

1505 REFERENCES

AUTHOR-NAME - DUDAS, B.M. & GROVE, E.W.

TYPE-OF-DOCUMENT - REPORT

YEAR - 1970

TITLE - GRANDUC MINE

SERIES-NAME-NUMBER - GEOL., EXPL. & MINING 1970

PAGE-REFERENCE - P.67-73

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

1601 COMPILATION

COMPILED-BY - G.FEDOSEJEVS

DATE-COMPILED - 740214