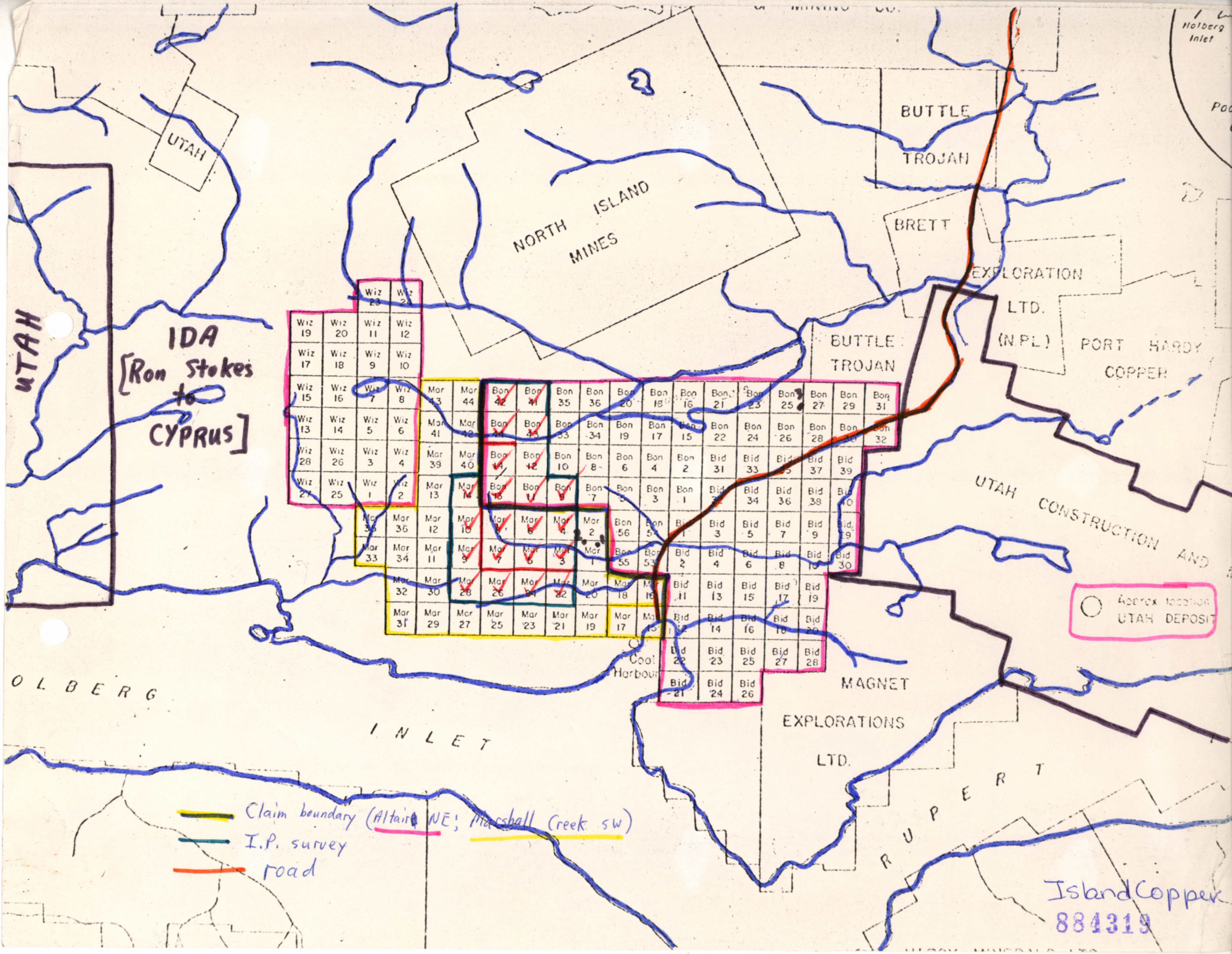

Island Copper
884319

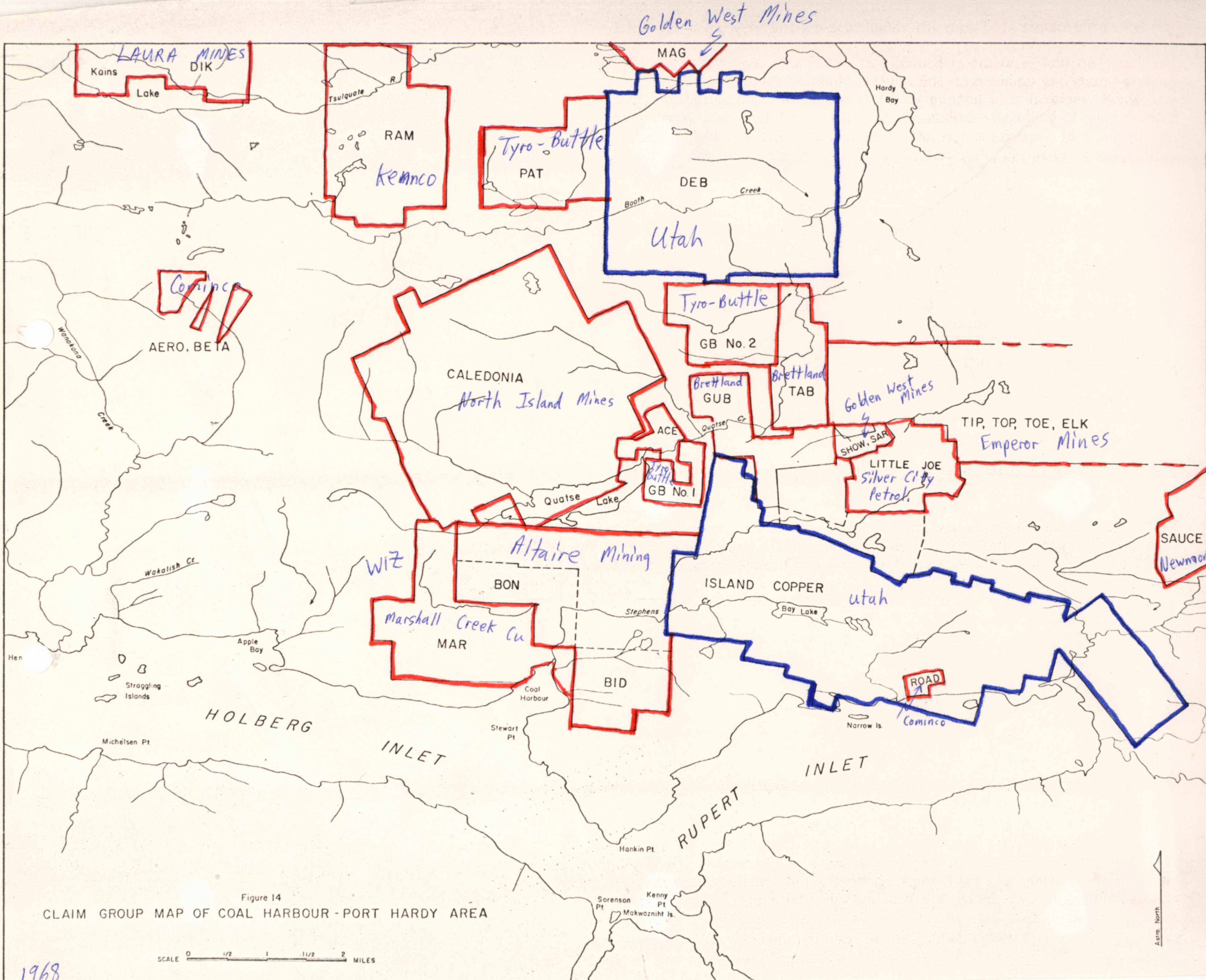

Figure 14

CLAIM GROUP MAP OF COAL HARBOUR - PORT HARDY AREA

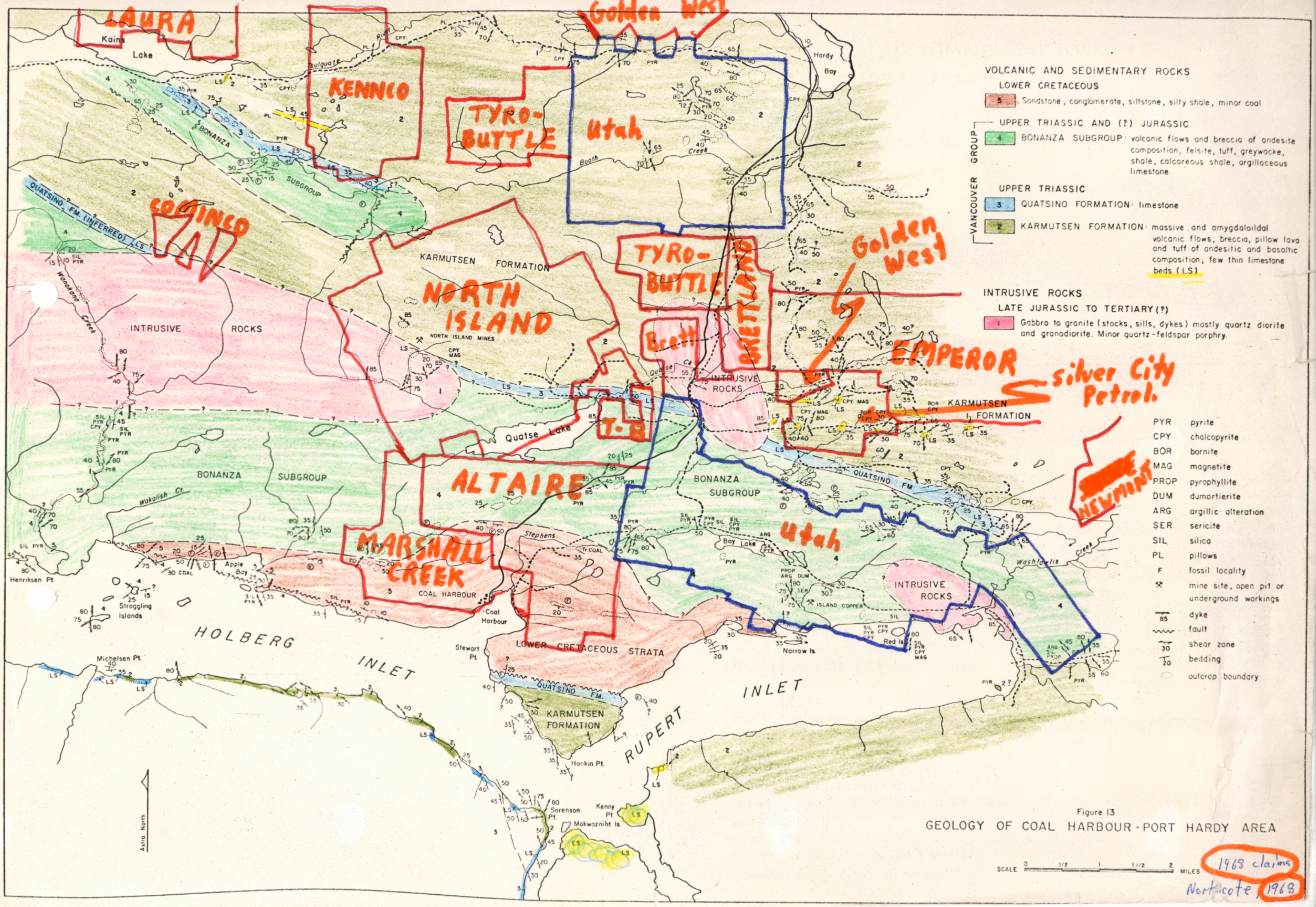

Figure 13
GEOLOGY OF COAL HARBOUR - PORT HARDY AREA

ISLAND COPPER FILE

METAMORPHIC TYPE: Contact
GRADE: Amphibolite
METAMORPHIC RELATIONSHIP: Syn-mineralization

SOUTH WALL PUSHBACK COMPLETED SPRING '90
ADDS ~5 yr to MINE LIFE (80 MT. of ORE)

RESERVES:

ZONE: OPEN PIT

CLASSIFICATION: Measured Recoverable
DATE: 1989
QUANTITY: (TONNES) 31700000

COMMODITY	GRADE
Copper	0.4350 Per cent
Molybdenum	0.0170 Per cent
Gold	0.2400 Grams per tonne
Silver	1.0280 Grams per tonne

COMMENTS: 1985 drilling identified additional tonnage beyond design limits of present pit.
REFERENCE: INF CIRC 1989-1, p. 36; EMPR Open File 1989-22 (in press)

PRODUCTION: ** ALL METRIC VALUES ARE IN KILOGRAMS EXCEPT PRECIOUS METALS WHICH ARE IN GRAMS **
** ALL IMPERIAL VALUES ARE IN POUNDS EXCEPT PRECIOUS METALS WHICH ARE IN OUNCES **

YEAR	Tonnes Mined	Tonnes Milled	Gold	Silver	Copper	Molybdenum
1987	0	18,837,431	1,401,616	12,896,064	56,964,532	1,503,310
1986	0	17,123,000	1,681,106	13,605,641	55,730,718	1,950,817
1985	0	16,506,367	1,786,739	14,638,509	57,671,194	1,542,478
1984	16,360,917	16,360,917	1,734,765	13,433,965	57,929,749	1,461,690
1983	16,330,081	16,330,081	1,618,220	14,931,722	60,032,220	1,672,777
1982	0	15,291,656	1,395,613	13,537,073	53,890,102	1,785,863
1981	0	14,156,617	1,658,562	13,113,910	53,075,826	1,266,788
1980	0	13,782,249	1,747,704	13,456,484	50,033,433	1,113,074
1979	13,264,642	0	1,684,627	10,994,861	50,254,753	3,340,116
1978	13,209,595	14,200,203	1,345,360	10,402,740	50,653,152	
1977	12,920,996	13,106,006	1,496,459	9,699,222	46,749,860	
1976	12,182,566	12,246,566	1,416,959	9,983,690	48,956,470	
1975	11,981,331	12,075,145	1,705,595	8,996,170	47,514,467	
1974	10,043,390	10,160,416	1,309,436	6,808,447	38,188,196	574,925
1973	10,923,656	10,950,974	1,546,721	8,377,002	48,409,325	440,209
1972	7,108,043	7,239,686	1,175,009	5,763,821	30,236,801	156,640
1971	1,204,046	944,019	85,004	419,984	3,265,848	
METRIC TOTAL:	125,529,263	209,311,333	24,789,495	181,059,305	809,556,646	16,808,687
IMPERIAL TOTAL:	Tons 138,372,326	Tons 230,726,249	797,000	5,821,191	1,784,766,895	37,056,811

COMMENTS FOR 1987: Concentrates: Cu 222193 t, Mo 3194 t.
COMMENTS FOR 1986: Concentrates: Cu 219180 t, Mo 4266 t.
COMMENTS FOR 1985: Concentrates: Cu 221003 t, Mo 3165 t.

1988*	18414664 tons	44824 oz	431198 oz
1989#	19343000 tons	46400 oz	453000 oz

MINFILE NO.: 092L 158
CONTINUED...

REFS * BC METAL MINES PRELIMINARY PRODUCTION FIGURES
NORM HOPLAND - ISLAND COPPER MINE GEOLOGIST/ENGINEER


Holberg Inlet
UTAH
NORTH ISLAND MINES
BUTTLE TROJAN
BRETT EXPLORATION LTD. (N.P.L.)
BUTTLE TROJAN
PORT HARDY COPPER
UTAH CONSTRUCTION AND
Wiz 23
Wiz 24
Wiz 19
Wiz 20
Wiz 11
Wiz 12
Wiz 17
Wiz 18
Wiz 9
Wiz 10
Wiz 15
Wiz 16
Wiz 7
Wiz 8
Mar 43
Mar 44
Bon 42
Bon 41
Bon 35
Bon 36
Bon 20
Bon 18
Bon 16
Bon 21
Bon 23
Bon 25
Bon 27
Bon 29
Bon 31
Wiz 13
Wiz 14
Wiz 5
Wiz 6
Mar 41
Mar 42
Bon 44
Bon 43
Bon 33
Bon 34
Bon 19
Bon 17
Bon 15
Bon 22
Bon 24
Bon 26
Bon 28
Bon 30
Bon 32
Wiz 28
Wiz 26
Wiz 3
Wiz 4
Mar 39
Mar 40
Bon 14
Bon 12
Bon 10
Bon 8
Bon 6
Bon 4
Bon 2
Bid 31
Bid 33
Bid 35
Bid 37
Bid 39
Wiz 27
Wiz 25
Wiz 1
Wiz 2
Mar 13
Mar 14
Bon 13
Bon 11
Bon 9
Bon 7
Bon 5
Bon 3
Bon 1
Bid 32
Bid 34
Bid 36
Bid 38
Bid 40
Mar 35
Mar 36
Mar 12
Mar 10
Mar 8
Mar 6
Mar 4
Mar 2
Bon 56
Bon 54
Bid 1
Bid 3
Bid 5
Bid 7
Bid 9
Bid 29
Mar 33
Mar 34
Mar 11
Mar 9
Mar 7
Mar 5
Mar 3
Mar 1
Bon 55
Bon 53
Bid 2
Bid 4
Bid 6
Bid 8
Bid 10
Bid 30
Mar 32
Mar 30
Mar 28
Mar 26
Mar 24
Mar 22
Mar 20
Mar 18
Mar 16
Bid 11
Bid 13
Bid 15
Bid 17
Bid 19
Mar 31
Mar 29
Mar 27
Mar 25
Mar 23
Mar 21
Mar 19
Mar 17
Mar 15
Bid 12
Bid 14
Bid 16
Bid 18
Bid 20
Bid 22
Bid 23
Bid 25
Bid 27
Bid 28
Bid 21
Bid 24
Bid 26
Approx location UTAH
Coal Harbour
OLBERG
INLET
MAGNET EXPLORATIONS LTD.
RUPERT
HARDY MINERALS LTD