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S U M M A R Y

REPORT

ON

BOB CLAIMS

BONANZA LAKE, B.C.

TO DECEMBER, 1962.

NANAIMO

MINING DIVISION

J.J. MCDOUGALL

GEOLOGIST

SUMMARY REPORT

BOB CLAIMS, BONANZA LAKE, B.C.

TO DECEMBER, 1962

Vancouver, B. C.
December 20, 1962

J.J. McDougall
Geologist.

includes map BZ 20 (B) Dec 1961
maps re Ronka } sorted with other maps
Askania }
ESP }

SUMMARY REPORT

BOB CLAIMS, BONANZA LAKE, B. C.

TO DECEMBER, 1962

PROPERTY & OWNERSHIP

There are 30 located "BOB" claims, owned by R. A. McIver of Hagensborg, B.C. and situated south of Bonanza Lake, Vancouver Island. Also involved are 6 adjoining "STAN" claims owned by W. H. Forrest, 4905 Cordova Bay Road, Victoria, B. C.

HISTORY & DEVELOPMENT

This property, containing several copper and copper-iron showings, was optioned by Ventures Ltd. in 1960. To date approximately 5000 feet of diamond drilling has been carried out by us and results described in several separate reports. Since the last such report 1030 feet of EX diamond drilling (in 4 holes) has been carried out on the lower "Road" zone in an attempt to trace favourable horizons previously outlined as well as to check minor EM and SP anomalies indicated by nearly two months of thorough geophysical work completed this summer.

RESULTS

Drill holes #24 and #25, as shown on the accompanying map, apparently intersected the main favourable garnet zone (despite apparently complex folding and faulting) approximately as suggested by projecting previous geological sections. Thus 300 feet was added to the length of this zone. Unfortunately copper and iron values were essentially lacking in both core and accompanying sludge. A short hole, #26, was put in to test a suspiciously prominent ridge a few hundred feet north of the main section. Four short, separate garnet zones were inter-

sected, as was hoped for, but these were essentially barren. Hole #27 was drilled above the road to test erratic SP and EM anomalies as well as to check the area from which the high grade chalcopyrite float appears to have originated. However garnet zones were absent in this hole. Minor chalcopyrite occurred as a replacement of some of the amygdules. Greater than usual amounts of disseminated pyrrhotite in the volcanics here could have caused the SP and EM anomalies.

In the upper (Camp Lake) section, a recent road cut exposed high grade chalcopyrite with fair gold values occurring in a zone a few feet wide. As we had previously drilled the probable extension area to the west, and run geophysical surveys over the area concerned, the showing is probably small and discouragingly erratic as are all others so far discovered on the property. Any extension to this zone would be under Camp Lake immediately to the east.

CONCLUSIONS & RECOMMENDATIONS

Despite favourable overall geology resembling that of Coast Copper to the north, no single deposit on the BOB Claims, as indicated by our work, appears large enough to warrant further expenditures. The rapid mineralogical changes, as feared, have proven common and thus detrimental.

Any future work on the property could probably best be done on such known zones as the new Lake showing and the down dip extension of the Lower Road showing in the hope that by at least tripling the tonnage a small, high-grading type mining operation could be possible.

As per agreement, all allowable work done has been recorded as assessment against the 30 claims of the group. Thus 10 years work has been credited to the main 15 claims and five and two years to the

remainder. The STAN #6 has been retained as it assures the proper grouping necessary to record the above work.

- Enclosed: 1) Drill logs - holes #24, 25, 26 and 27
2) Map EZ 20 (B) - showing location of the above holes

Vancouver, B. C.
December 20, 1962

James J. McDougall,
Geologist.

PROPERTY BONANZA (BOB GROUP)

HOLE NUMBER B-24

SHEET NUMBER 1

DIAMOND DRILL RECORD

SECTION FROM _____ TO _____

LOCATION: LAT 174 ft @ N30°W from DDH #23
 DEP - on line "S" 205 ft west of base line
 ELEVATION OF COLLAR 1060 (approx)
 DATUM _____

STARTED November, 1962

COMPLETED do

ULTIMATE DEPTH 295 feet.

DIRECTION AT START: BEARING East
 DIP -45°

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	FROM	TO	WIDTH OF SAMPLE	Au	Ag	Cu	% C.R.
0 - 14	O. B. (casing)							
14 - 83	Fine grd, greenish gray slightly granular andesite to basalt volcanics (V2), occ very sl amygd; Co ₃ bndg @ 30°. Increasing siliceous and finer-grained latter portion							90%
		83 - 98		15 ft	Tr	Tr	0.03	80
				sludge ""			0.03	
83 - 98	Massive garnet zone - very rare CP, no mag visible irreg ctct @ 42°							
		113 - 126		13 ft	Tr	Tr	0.03	"
		135 - 145		10 ft	Tr	Tr	0.03	"
		204 - 205		1 ft	Tr	Tr	0.08	"
98 - 113	V f-g dioritized V1							
113 - 126	Mixed garnet and V1							
126 - 135	Epidotized and dioritized f-g V1.							

PROPERTY BONANZA (BOB GROUP)

HOLE NUMBER B 24

SHEET NUMBER 2

SECTION FROM _____ TO _____

DIAMOND DRILL RECORD

LOCATION: LAT _____

STARTED _____

DEP _____

COMPLETED _____

ELEVATION OF COLLAR _____

DATUM _____

ULTIMATE DEPTH _____

DIRECTION AT START: BEARING _____

PROPOSED DEPTH _____

DIP _____

DEPTH FEET	FORMATION	FROM	TO	WIDTH OF SAMPLE	Au	Ag	Cu	C.R.
135 - 145	Mixed garnet and Vl							
145 - 250	F-g, sl sil Vl, increasingly amyg; Fractured gen @ 40°; epid bndg @ 30°							
185 - 190	Chloritic - epid Vl							
204 - 205	Sl CF; pyrr, pyr, in qtz rich section.							
250 - 275	Epidotized, granular, light-colored volcanic flow or dyke (Andes-basalt) - not amyg and not mineralized.							
275 - 277	Gradational contact							
277 - 295	- f-g; granular, slightly amyg Vl							
	(E N D)							
	Av core rec = 90%							

PROPERTY BONANZA

HOLE NUMBER B 25

SHEET NUMBER 1

SECTION FROM _____ TO _____

DIAMOND DRILL RECORD

LOCATION: LAT 176 ft @ North 30° West
 DEP from DDH #B-24

STARTED November, 1962

ELEVATION OF COLLAR 1050 (approx)

COMPLETED do

DATUM _____

ULTIMATE DEPTH 305 feet

DIRECTION AT START: BEARING East
 DIP -45°

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	FROM	TO	WIDTH OF SAMPLE	Au	Ag	Cu	C.R.
0 - 21	O. B. (Casing)							
21 - 92	V f-g basaltic volcanics - probably V2							
92 - 110	- Amyg, sl epid V2(?); bndg @ 70° fracturing @ 40°.							
110 - 178	f-g, sl sil (V2?) - amyg poor to lacking. 131 - 140 - granular epidotized zone							
178 - 183	Garnet zone, poor rec; not visibly min.	178 - 183		5.0 ft	Tr	Tr	0.04	5% (?)100%
183 - 250	F-g V1; sl amyg. Irreg ctct with garnet zone @ 50°.							
250 - 305	V1, increasingly amygd (E N D) Av. core rec. = 85%							

PROPERTY BOMANZA

HOLE NUMBER B 26

SHEET NUMBER 1

DIAMOND DRILL RECORD

SECTION FROM _____ TO _____

LOCATION: LAT On line "Z" approx 600 ft @
 DEP N72°30E from "B-25" (280 ft east of base line)

STARTED November, 1962

ELEVATION OF COLLAR 1080 (approx)

COMPLETED do

DATUM _____

ULTIMATE DEPTH 78 feet

DIRECTION AT START: BEARING East
 DIP -45°

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	FROM	TO	WIDTH OF SAMPLE	Au	Ag	Cu	C.R.
0 - 14	C. B. (Casing)							
14 - 78	V f-g, sl smyg. Vl - poorly defined garnet - epidote zones more common than usual.							
42 - 43) epid. garnet zones - (assayed)	Composite		5.0 ft	Tr	Tr	0.03	100%
44 - 45								
58 - 60								
73 - 74								
	(E N D)							
	Core rec = 85%							

PROPERTY BONANZA

HOLE NUMBER B-27

SHEET NUMBER 1

DIAMOND DRILL RECORD

SECTION FROM _____ TO _____

LOCATION: LAT On line I 210 ft east of
 DEP base line (above road)

STARTED November, 1962

ELEVATION OF COLLAR 1135 approx.

COMPLETED do

DATUM _____

ULTIMATE DEPTH 352.5 ft.

DIRECTION AT START: BEARING East
 DIP -45°

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	FROM	TO	WIDTH OF SAMPLE	Au	Ag	Cu	C.R.
		General grab samples						90%
0 - 19	(O. B.) Casing							
19 - 130	Generally amyg. Vl; epidotized in part; occ Co ₃ bndg @ 45° and 85°. Amyg. occ replaced by pyrr or CP	0 - 25	25	25 ft.	Tr	Tr	.05	"
		25 - 50	50	"	Tr	Tr	.05	"
		50 - 75	75	"	Tr	Tr	.05	"
		75 - 100	100	25	Tr	Tr	.03	"
		100 - 125	125	"	Tr	Tr	.03	"
	19 - 23, 36 - 38 - largely epid	125 - 353	353		Tr	Tr	.04	"
	41 - 41.3 - green, f.g. and dyke	(grab of best)						
	73 - 73.2 - Sy. dykes	mineralized, epidotized						
	100 - 101 - bnded pyrr and sl	sections.						
	diss CP	269 - 270	270	1.0 ft	Tr	Tr		
130 - 250	As above; occ amyg; partly granular Vl, cut occ by small Sy and g-d dyke @ 60 - 70°; occ weak pyritic 172-172.2, 173-174.5 = Sy dykes - ctct @ 35° 180-183, 191-196, 214-215, 229-231, 245-250 = epidotized sections.							

PROPERTY BONANZA

HOLE NUMBER B-27

SHEET NUMBER 2

SECTION FROM _____ TO _____

DIAMOND DRILL RECORD

LOCATION: LAT _____

STARTED _____

DEP _____

COMPLETED _____

ELEVATION OF COLLAR _____

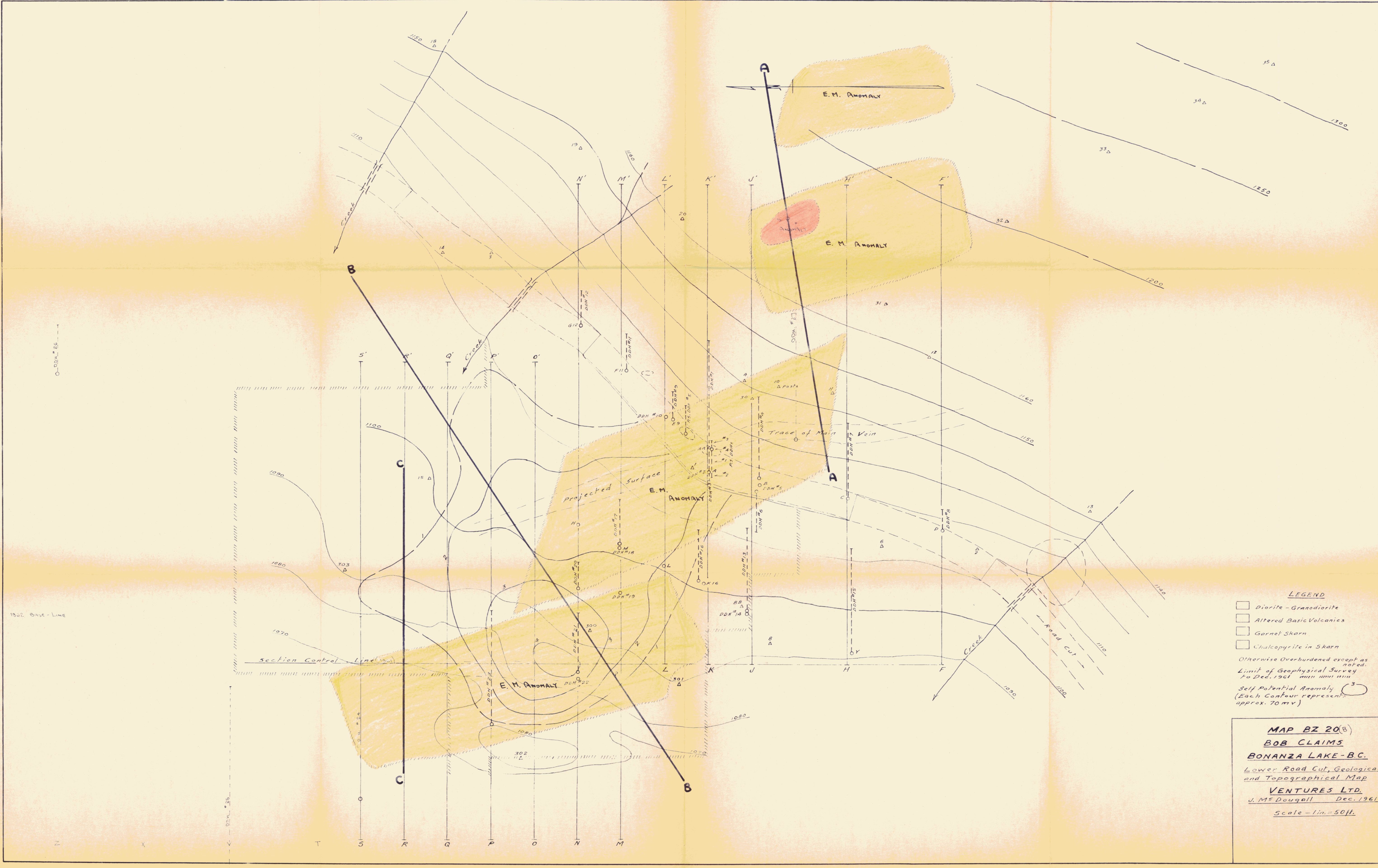
ULTIMATE DEPTH _____

DATUM _____

DIRECTION AT START: BEARING _____
DIP _____

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	FROM	TO	WIDTH OF SAMPLE	Au	Ag	Cu	C.R.
250 - 352.5	Amyg V1; Co ₃ @ SiO ₂ strgs @ 30 - 35°							
	250 - 280 - end zone							
	269 - 270 - pyritic, poorly defined quartz vein							
	329 - 335 - several flesh-colored syenite dykes.							
	(E N D)							
	General Core Recovery - 90%							
	Hole was in V1 (basement Karmutsen?) volcanics for entire length. Garnet zones are absent. Occasional sections containing more disseminated pyrrhotite than usual may have contributed to geophysical anomalies.							



O.D.S.M. # 25 - 1

1962 Base-Line

O.D.S.M. # 25

LEGEND

- Diorite - Granodiorite
- Altered Basic Volcanics
- Garnet Skarn
- Chalcopyrite in Skarn

Otherwise Overburdened except as noted.
 Limit of Geophysical Survey to Dec. 1961
 Self Potential Anomaly (Each Contour represents approx. 70 mv)

MAP BZ 20(B)
BOB CLAIMS
BONANZA LAKE - B.C.
 Lower Road Cut, Geological and Topographical Map
VENTURES LTD.
 J. M. Dougall Dec. 1961
 Scale - 1 in. = 50 ft.