

671836

July 8/81
GRIZ

Report on NW Wade Lake Prospecting Area

Introduction:

The NW Wade Lake prospecting area is located approximately 3.5 km northwest of Wade Lake which is approximately 140 km SSE of ATLIN B.C. The main purpose of our stay was to further investigate a diorite pluton which is intruded by a large quartz feldspar porphyry body, (unit 15), and to prospect the above ^{f.p.} intrusion in which galena-sphalerite mineralization was found further to the northwest.

Camp was located at 4000' on a small hill just east of Ggalena Lake (FIG 2). Water was obtained from a small lake which would not have existed in another week. Sparse balsam vegetation and the depression of the lake itself offer protection from the wind. There are no other campsites in this immediate vicinity due to the lack of water. There is good helicopter access around the lake.

Prospecting and Geology:

The area in which the diorite is indicated on the G.S.C. map was thoroughly investigated. There is little outcrop in the area, but the little there is definitely appears to be quartz feldspar porphyry. In places the quartz feldspar porphyry is very altered and appears much finer grained. However, this occurs throughout the entire porphyry body.

Galena mineralization which occurs as small blebs from 1-5 mm in size was found on the 1st ridge, (sample 77461) where it occurs in a highly silicified quartz feldspar porphyry host. The silica is almost black in the best mineralized areas. Rusty calcite-sphalerite veins are common surrounding the silicified area. Mn staining also seems to be associated with the galena. Brecciation of the host rock by silica veins is evident in the galena zones but the breccia itself does not contain galena.

Veinlets of galena up to 8 mm in width were also found on the ridge west of Galena Creek. ~~Very~~ Abundant pyrite and silicified zones were associated with the mineralization. Very minor galena was found in the gully southeast of camp. A pyritic quartz breccia and abundant pyrite and silicified zones were also evident in the gully. The brecciated quartz feldspar porphyry was also found on the south of the hill where camp is situated.

The galena-sphalerite mineralization and associated silicified zones appear to be confined to ~~the~~ the quartz feldspar porphyry which is larger in extent than shown on the G.S.C. map. It extends further to the southwest to the valley south of the hill on which camp is situated. It also appears to extend further to the southeast where the diorite is shown on the G.S.C. map.

It is possible that the mineralized veins found in the TOP of the MTN area continue through to this area, and the mineralization in this area is a disseminated halo.

The ridge east of Bridge-Wade Cr. mainly consists of rusty volcanic rocks which contain large calcite veins, (up to 1m. wide), but contain no significant mineralization.

Conclusion:

The galena-sphalerite mineralization in the entire WADE area appears to be quite extensive. If Ag or Au is found associated with the zones, the area from TOP of the MTN down to Wade should be staked.

SAMPLER J. Pantler

DATE July 4 - July 8 / 81

PROJECT Newex
NW Wade prospecting area

NTS 104 K /

LINE _____

AIR PHOTO NO. BC 5614 023

SAMPLE NO.	LOCATION	Depth cm	Horiz	DESCRIPTION				SLOPE	VEG.	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS				
				Colour	Part Size	% ORG.	Ph				Au	As	Ag	Zn	Pb
B-62	near camp 1st ridge	-	B	rusty Or-Br	med	4	dry	flat	moss	slightly rusty gfp	20	20	0.1	118	44
B-63	1st ridge	-	B	rusty Br	"	7	"	gentle	balsam moss burnt out	gfp, slightly rusty coating	<10	14	0.1	56	6
B-64	"	-	B	"	"	5	"	"	moss burnt out	gfp	<10	16	0.1	78	20
B-65	2nd ridge	5cm	B	v. rusty bl.	fine	10	"	flat	moss 2nd growth, burnt out	rusty gfp in area	<10	11	0.1	80	5
B-66	"	3	B	"	"	5	"	"	"	gfp ; exposed by deadfall	<10	15	0.1	90	6
B-67	"	-	B	"	"	7	"	gentle	"	rusty gfp, red in areas. exposed by deadfall	<10	12	0.1	88	8
B-68	"	-	B	rusty bl	med	3	"	mod	"	above v. red coated gfp	<10	11	0.1	62	5
B-69	"	-	B	v. rusty bl.	fine	5	"	flat	"	gfp blds.	<10	15	0.1	80	8
B-70	"	-	B	"	med	5	"	gentle	"	gfp float	<10	95	0.1	78	9
B-71	"	3	B	rusty bl.	fine	7	"	"	"	gfp float, congl blds.	<10	17	0.1	70	8
B-72	1st ridge	3	B	"	"	5	"	flat	"	" " " "	<10	25	0.1	65	10
B-73	"	2	B	reddish bl	"	4	"	gentle	"	gfp float	<10	16	0.1	168	18
B-74	"	-	B	rusty Br	"	4	"	"	"	"	<10	15	0.2	100	10
B-75	"	-	B	Or-Br	"	5	"	"	"	"	<10	14	0.1	88	5
B-76	"	-	B	Or-Br	"	5	"	flat	"	"	<10	15	0.1	115	6
B-77	2nd ridge	7	B	rusty Or-Br	med	10	"	"	"	rusty gfp.	<10	10	0.2	60	10
B-78	"	-	B	v. rusty bl	fine	7	"	"	"	rusty gfp	<10	17	0.1	78	4
B-79	near Bridge Lt.	2	B	rusty bl	med	5	"	"	"	no ok.	<10	10	0.1	65	5
B-80	ridge on E side of Bridge - Wade Cr.	2	B	v. rusty bl	fine	7	"	mod.	+ balsam 2nd growth, moss burnt out	rusty volcs.	<10	22	0.1	118	3
B-81	"	3	B	"	"	7	"	gentle	"	"	<10	23	0.1	92	3

SAMPLER J. Pautler

DATE July 4-8/81

PROJECT Newey

NTS 104 K /

LINE NW Wade prospecting area

AIR PHOTO NO. BC 5614 023

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION				SLOPE	VEG.	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS				
				Colour	Part Size	% ORG.	Ph				Au	As	Ag	Zn	
81 -NY- B-82	ridge E side of Ridge-Wade Cr.	-	B	rusty red-br	fine	3	dry	gentle	2nd growth no moss burnt out	exposed by windfall	40	14	0.1	250	4
B-83	"	-	B	"	"	2	"	flat	"		40	15	0.1	140	4
GRIZ B-84	gully SE of camp	-	B	med-br	med	3	"	gentle	grass, moss balsam shrubs	above v rusty, py rich, sil part of gully	40	17	0.1	100	15
GRIZ B-85	"	-	B	rusty br	fine	7	"	"	"	above ^{was there} rusty, py, sil part of gully.	40	20	0.1	110	12

SAMPLER Hughes
DATE July 8/81

PROJECT NEWEX - NW OF WADE LAKE

NTS _____
LINE _____
AIR PHOTO NO. _____

SAMPLE NO.	LOCATION	Depth cm	Horiz	DESCRIPTION				SLOPE	VEG.	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS				
				Colour	Part Size	% ORG.	Ph				Au	As	Ag	Zn	Pb
B-332	GRIZI	10	B	rusty brown	fine		dry	medium	burnt area	- top of ridge - east of camp.	<10	15	0.3	105	6
B-333	"	10	B	rusty orange	med		dry	gentle	burnt area	- S end, near top of ridge (N of camp) - east of tree line	<10	7	0.1	70	8
B-334	"	10	B	rusty orange	fine		dry	med	burnt area	N end of intrusive ridge N of camp	<10	6	0.1	60	5
B-335	"	10	B	rusty brown	fine		dry	steep	no veg	S end of Mtn W of Camp Mtn - on rock area at E end of gully	<10	12	0.1	65	22
B-336	"	10	B	rusty yellowish brown	fine		dry	med	no veg	top of E side of Mtn W of Camp Mtn - 100m S of main rock gully	<10	17	0.1	80	8
B-337	"	10	B	rusty brown	fine		dry	steep	no veg	- near top of main rusty orange gully on E side of Mtn W of Camp Mtn	<10	7	0.1	88	13
B-338	"	10	B	yellowish brown	med		dry	steep	no veg	half way down main rusty orange gully - near edge of trees	<10	12	0.1	95	24
B-339	"	10	B	dk rusty brown	fine		dry	gentle	no trees	- W of camp on camp Mtn top	<10	16	0.1	90	20
B-340	"	10	B	rusty reddish brown	coarse		dry	med	edge of balsam trees	- W of camp on Camp Mtn top	<10	17	0.1	145	128

BC 5614 No 023

Bravo

July 4-9/81

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77465

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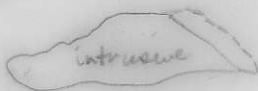
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BC 5614 025
June 25 - July 9/81
Bravo.

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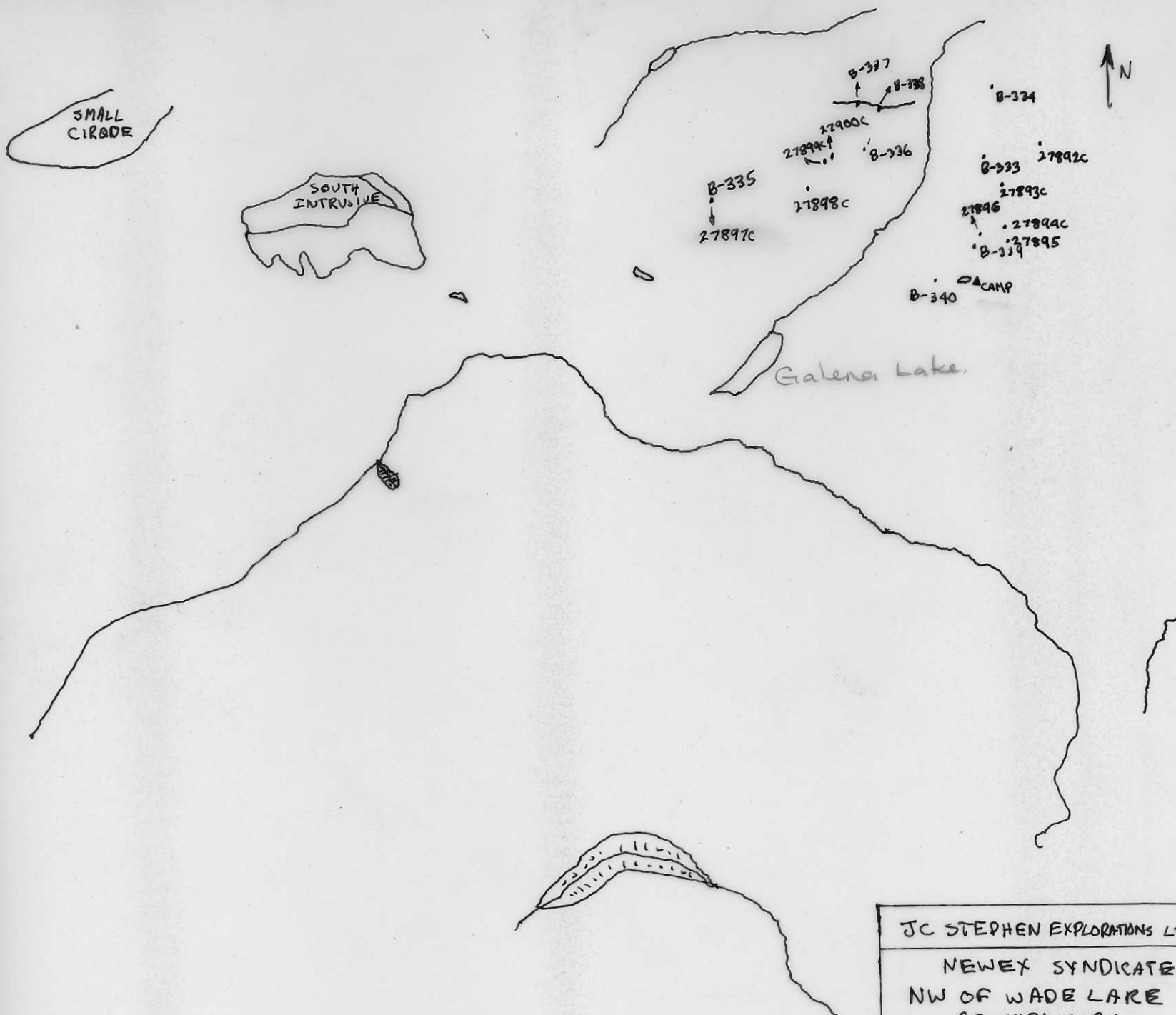
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Bravo

July 4-9/81



JC STEPHEN EXPLORATIONS LTD

NEWEX SYNDICATE
 NW OF WADE LAKE
 GEOCHEMISTRY

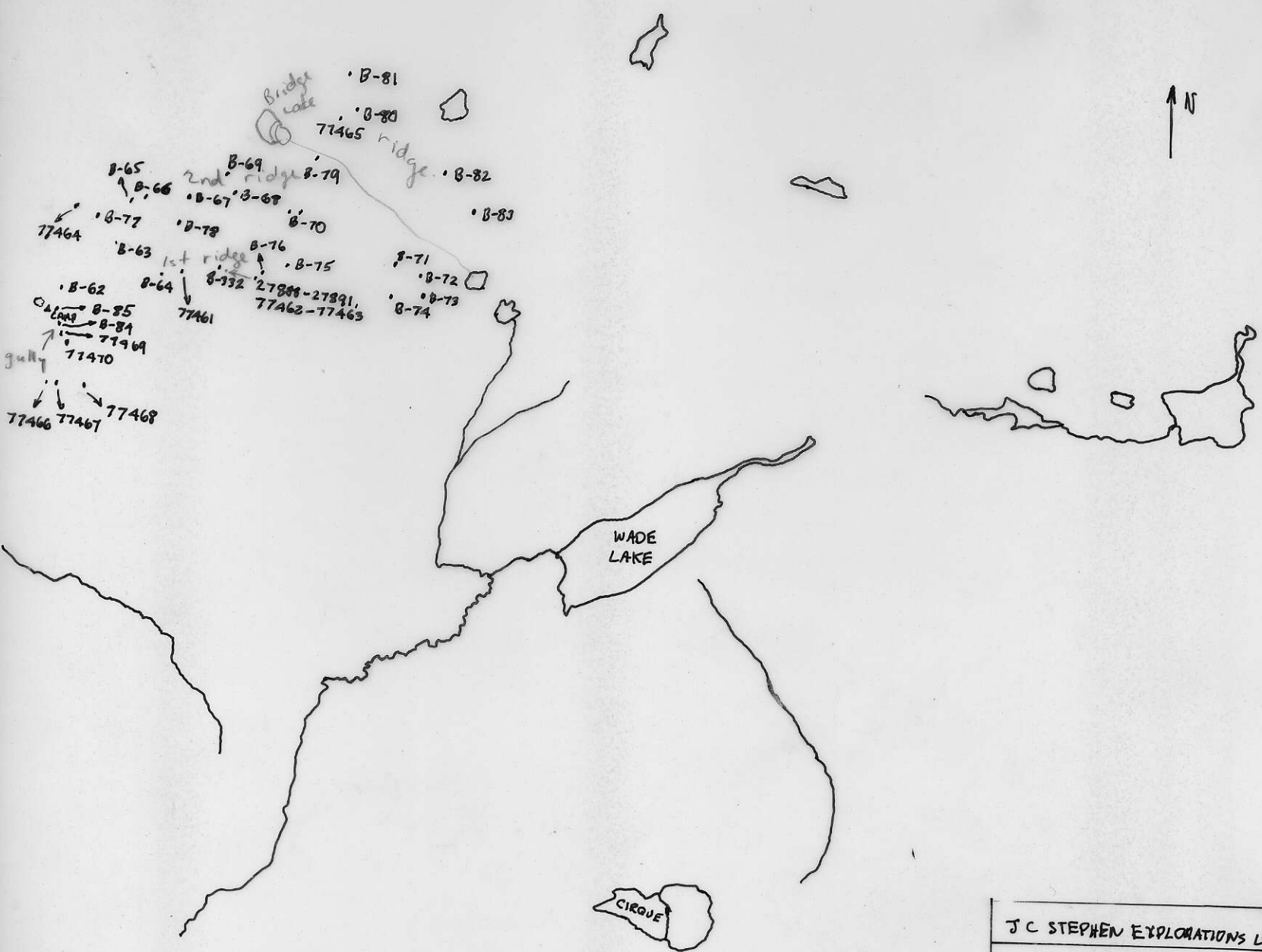
NTS: 104K/10W

DATES JULY 3-8/1981

AIRPHOTO: BLS614-025

WORK BY: HUGHES
 PAUTLER

FIG 2



J C STEPHEN EXPLORATIONS LTD
 NEWEX SYNDICATE
 NW OF WADE
 LAKE
 GEOCHEMISTRY
 NTS 104K/1009W.
 DATES: July 3-8/81
 AIRPHOTO: BC5614-023
 WORK BY: HUGHES
 PAUTLER
 FIG 1