BRITISH COLUMBIA PROSPECTORS ASSISTANCE PROGRAM MINISTRY OF ENERGY AND MINES GEOLOGICAL SURVEY BRANCH

PROGRAM YEAR:1999/2000REPORT #:PAP 99-39NAME:ROBERT MONTGOMERY

BRITISH COLUMBIA PROSPECTORS ASSISTANCE PROGRAM PROSPECTING REPORT FORM (continued)

B. TECHNICAL REPORT

- One technical report to be completed for each project area.
- Refer to Program Requirements/Regulations 15 to 17, page 6.
- If work was performed on claims a copy of the applicable assessment report may be submitted in lieu of the supporting data (see section 16) required with this TECHNICAL REPORT.

Name ROB MONTGOMERY	
LOCATION/COMMODITIES	,
Project Area (as listed in Part A) La Forme Creek, Revelstoke	MINFILE No. if applicable
Location of Project Area NTS 567/000 N 421000 E La	at_51° 11' 20" Long 1/8° 08'
Description of Location and Access TRAVEL 22 km North of	Revelstoke on Hwy. 23. Turn
East onto La Forme Creck F.S.R and proceed approximatly	8.5 km to the central portion of
the property.	
Man confidences scalence for <u>AL, My, ZH, PD, CU</u>	
Known Mineral Occurrences in Project Area Most Odon (past place	fucer) > Mississippi Volley type Zn, Pb,
CdsAg, Au, Cu. Little Slide, MCCALLUM (showing) => 2	Zn, Pb, Ag, Cu. Copper Queen (showing)=
CU, Zn, Ag. Lead KING, Eukka (Showing) => Pb, Zi	n, Cu, Ag.
WORK PERFORMED	
1. Conventional Prospecting (area) <u>35 km^2 (approx.)</u>	
2. Geological Mapping (hectares/scale) 400 hectures (appro	x.) / 1:20000
3. Geochemical (type and no. of samples) 24 Si H (24 assayed) 21	Pan Concentuates (Sassinged) & ROCK-
4. Geophysical (type and line km)	(6 ASSAYED).
5. Physical Work (type and amount)	
6. Drilling (no. holes, size, depth in m, total m)	
7. Other (specify)	
SIGNIFICANT RESULTS	
Commodities $\underline{GO(d \ln s)}$ to $\underline{F(SO(ph))}$ Claim Name	
Location (show on map) Lat. $\underline{-57}$ Long $\underline{-12}$ 55 Long $\underline{-16}$	5 07 Elevation <u>5700</u>
Best assay/sample type Ppb_Au	ampre.
Description of mineralization host rocks anomalies	
(monite augusta union with minor punte	are backed by light to
medium arey medium argumed Duanta - Kintite	apelss Copies is locally
weakly to moderately deformed. Gold anomaly up 51	11+ On La forme Creek 50 m
upshears of confluence with East Fork. Zinc anomal	lies in both samples (15599-14,15)
On the East Fork of La Forme Orck, Also LES 99-14 has	on anomatous Bismuth Value.
. The Monashee Complex metamophic nicks cover the western and	central portions of the property.
A mid-cretaceous intrusion (dioritic) extends into the SE CO.	wher of the property. A bread bard of
Supporting data must be submitted with this TECHNICAL	REPORT

Information on this form is confidential for one year from the date of receipt subject to the provisions of the Freedom of Information Act.

Prospectors Assistance Program - Guidebook 1999

Prospecting Report La Forme Creek, Revelstoke, BC 1999-2000

Program Summary

<u>Overview</u>

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Work was conducted on the La Forme Creek property between June 26 and October 24, 1999. A regional stream sediment sampling survey covered approximately forty square kilometers. La Forme Creek, east La Forme Creek and their tributaries were sampled. On the west side of the property, Hathaway Creek, Sale Creek, and Martha Creek drainages were sampled. A high winter snow pack delayed the start of the program. Prospecting and geological mapping encompassed portions of this area. Several kilometers of new roads were chained and compassed.

A total of 53 samples were collected (24 silt, 21 heavy mineral, and 8 rock). Of these, 24 silt, 5 pan concentrates, and 6 rock samples were sent to EcoTech Labs in Kamloops for assay. Silt samples consisted of approximately 400-500 grams of active stream sediment and were obtained by screening sediment to -10 mesh. These were collected in small polyore bags. Pan concentrates were collected by screening approximately 10-15 kg. of stream sediment to -10 mesh. This material was then panned down to yield a 30 gram (approx.) sample.

Assay Procedure

All silt and rock samples were assayed for the following elements: Au, Ag, As, Bi, Cu, Mo, Pb, Sb, W, Zn. Separate analyses for W and Bi yielded lower detection limits (< 1 ppm and 0.1 ppm respectively). Pan concentrates were assayed for gold only (The entire sample was fire-assayed with A.A. finish).

Results

The highest gold value obtained is 150 ppb (LFS99-13). This sample is situated on La Forme Creek approximately 100 m upstream of the confluence with the east fork. Other elements were background. LFS99-14 was taken upstream of the confluence on the east fork and produced a 5 ppb gold value (second-highest of the program). LFS99-14 had a coincident arsenic anomaly of 33 ppm (background < 1 ppm). LFS99-15, 600 m upstream of LFS99-14, also had an arsenic anomaly of 24 ppm. However, LFS99-15 had a gold value of < 5ppb.

Several bismuth anomalies were noted. The background value for bismuth is 0.3 ppm. The highest bismuth value, 9.5 ppm, occurred in LFS99-03. A follow-up 500 m upstream gave a value of < 0.1 ppm. A value of 6.4 ppm Bi was obtained in LFR99-08. LFS99-14 yielded a bismuth value of 2.5 ppm.

Sample LFS99-01 resulted in the highest tungsten value, 78 ppm. Background ranges from <1 ppm to < 20 ppm. LFS99-23, collected in granitic terrain, had the next highest tungsten value of 22 ppm.

LFS99-14 and LFS99-15 had the highest zinc values at 153 ppm and 152 ppm respectively. These samples are downstream of the Little Slide, McCallum showing (MinFile #082M 006) which is a SedEx zinc, lead occurrence. This may account for the elevated zinc and slightly elevated lead values.

Conclusions

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Overall, there were few anomalous gold values. The pathfinder elements for intrusion-hosted gold did not occur with the highest gold values. Elevated base metal values (Zn, Pb) on the east fork of La Forme Creek may originate from showings upstream. Quartz veins, and boudins with trace pyrite are fairly common in quartz-biotite gneiss. However, these did not return anomalous values. Further exploration could be warranted upstream on the east fork of La Forme Creek, especially on the ridge south of the creek. Also, the anomalous gold value (150 ppb) on La Forme creek indicates upstream potential which was not revealed in this survey.

<u>La Forme Creek, Revelstoke, BC</u> <u>Rock Samples</u>

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Sample #	Width (m)	Sample Type	Comments								
LFR99-01	0.10	Grab	Iron-stained guartz/guartzite in guartz-biotite gneiss. Attitude: 294 /70 N.								
LFR99-02	0.90	Chip	90 cm. Wide limonitic quartz vein in quartz-biotite gneiss. This is a series of quartz veins and boudins that extend from approximately km. 5 to km. 7 on La Forme Creek FSR. Trace- ½% pyrite.								
LFR99-03	2.0	Chip	Chip sample across limonitic quartz vein zone in quartz-biotite gneiss.								
LFR99-04	0.70	Chip	70 cm. wide milky-white, locally limonitic quartz vein infolded, banded quartz biotite gneiss. Vein pinches and swells over approximately a meter strike length. Attitude: 332 /45 NE.								
LFR99-05	0.60	Chip	60 cm. wide limonitic quartz vein in biotite schist to quartz-biotite gneiss. Minor local folding/deformation; quartz well-shattered. Attitude: 135 /50 NE.								
LFR99-06	-	Float	Medium-brown, fine-grained intrusive. 1/2 to 1% pyrite. Trace chalcopyrite.								
LFR99-07	-	Float	Dark green-black, medium-grained pyroxenite (?) Minor oxidized pyrite. Chlorite alteration.								
LFR99-08	1.5	Chip	1.5 M wide limonitic quartz vein in quartz-biotite gneiss. Trace pyrite, noted a few 2-3 mm cubes.								

<u>La Forme Creek, Revelstoke, BC</u> <u>Pan Concentrate Logs</u>

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Sample #	Stream Width (m)	Gradient (degrees)	Source Dir'n. °	Elevation (feet)	Comments		
LFP99-01	1.0	10	090	3460	Light brown, low magnetite. Magnetite fine grained.		
LFP99-02	3.0	10-12	225	3250	Low Magnetite content. Magnetite fine grained. Trace pink quartz. Trace pale green apatite. Noted one resinous red garnet. 40-50% white/clear quartz.		
LFP99-03	0.5-1.0	12-15	270	3260	Low magnetite, fine-grained. 50% white > clear quartz. Trace dark red garnet. Float : 70% gneiss, 20-25% intrusive.		
LFP99-04	1.5	20	250	3900	Low magnetite, fine-grained. Noted one 0.3 mm. Tarnished pyrite cube. Float: 60% qtz-bi gneiss, 35% intrusive.		
LFP99-08	2.0-3.0	10-15	070	5700	Low- moderate magnetite. Fine- medium grained. Few 0.2-0.4 mm. Resinous red garnet crystals. Trace pale green apatite.		
LFP99-09	2.0-3.0	10	090	5600	Low magnetite. Fine-grained(0.1-0.2 mm. Avg.) Trace clear pink qtz. 40-50% clear/milky-white qtz.		
LFP99-10	3.0-4.0	15	060	5440	Pan con. Distinct pale brown colour. Low magnetite, very fine-grained. High qtz content (70-75%). Minor white plagioclase feldspar. Noted a few very small red almandine garnets. Float: 80-90% granitic.		
LFP99-11	4.0-5.0	7-10	165	5320	Low-med. Magnetite. Fine-med. Grained. One .7 mm. Orange garnet crystal. Several .12 mm. Pale pink qtz crystals.		
LFP99-12	5.0	5	140	3800	High magnetite content. Fine-grained. Octehedral crystals common. Few .12 mm. Oxidized pyrite cubes. Trace .12 mm. Red garnets. Trace pink qtz.		
LFP99-13	5.0	3-5	135	3100	Very high magnetite content. Trace garnet.		
<i>LFP</i> 99-14	5.0-6.0	5-6	025	3110	Extremely high magnetite content, fine-grained. Fresh octehedral crystals common. Few larger (.37mm) magnetite crystals. Trace red almandine. High biotite. Trace oxidized tiny (.05-0.1 mm.) pyrite cubes. 15-20% clear-white qtz. Trace pink qtz.		
LFP99-15	4.0-5.0	8-10	085	3600	High magnetite content.(Fine-grained) Octehedral crystals common. Noted a few .1 mm. Avg. red garnets.		
LFP99-16	2.0	15-20	105	4140	Low-moderate magnetite. Minor pink-reddish garnet (higher than avg.) Trace pink qtz. Few larger magnetite grains (.7-1.0 mm).		
LFP99-17	1.5-2.0	20	065	4140	Low magnetite, fine-grained. Noted several .5-1.0 mm. Pyrite crystals (one twinned). Few dodecahedral garnet crystals (.23 mm. Avg.) High qtz gives pan con. A sugary brown color. Float: 75-80% intrusive (diorite).		
LFP99-18	2.0-3.0	15	140	3560	Low magnetite, fine-grained. Trace pink qtz. Light brown sugary texture (60% white/clear qtz).		
LFP99-19	1.0	25	240	4340	Very low magnetite, very fine-grained. Trace garnets. Float: 75% sub-ang. Qtz-bi schist, 10% intrusive, 5-10% qtz.		
LFP99-20	3.0-4.0	10-15	220	4640	Low magnetite, fine-grained. Trace-1/2% red garnet (.3 mm. Avg.) Trace apatite. Float: 80% bi schist, 10% diorite, 5% white qtz.		
LFP99-21	5.0-6.0	2-3	150	3440	Modhigh magnetite, fine-grained. Float: 60% qtz-bi schist/gneiss, 30% intrusive, 2% qtz.		
LFP99-22	3.0-4.0	15-20	225	4840	Mod. Magnetite, fine-grained (some medgrained crystals). Stream cutting granitic rock through tight canyon.		

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,	LFP99-23	5.0-7.0	15-20	142	4820	Extremely high magnetite content, fine-med. Grained. Fresh octehedral crystals. Float: Almost exclusively intrusive (diorite-granodiorite) Some K-feldspar noted.
	LFP99-24	5.0	15-20	180	4720	Extremely high magnetite, fine-med. Grained. (similar to 99-23). Float: large angular granitic boulders.

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8-Oct-99

CERTIFICATE OF ANALYSIS AK 99-516

ROB MONTGOMERY 231 GLENMARY ROAD, S 14, C 52 RR#1 ENDERBY, BC V0E 1V0

LABORATORIES LTD.

No. of samples received: 15 Sample type: Silt PROJECT #: None Given SHIPMENT #: 1 Samples submitted by: R. Montgomery

		Au	Ag	As	Bi	Cu	Мо	Pb	Sb	W	Zn
ET #.	Tag #	(ppb)	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
1	LFS99-01	<5	<0.2	<1	<0.1	5	<1	6	2.2	(78)	10
2	LFS99-02	<5	<0.2	<1	0.3	17	<1	30	2.2	<20	63
3	LFS99-03	<5	<0.2	1	(9.5)	15	<1	22	2.0	<20	46
4	LFS99-04	<5	<0.2	1	0.3	9	<1	20	1.8	<20	45
5	LFS99-05	<5	<0.2	1	0.6	12	<1	18	1.3	<20	60
6	LFS99-06	<5	<0.2	<1	0.4	8	1	18	1.5	<20	60
7	LFS99-07	<5	<0.2	<1	0.3	9	<1	22	1.1	<20	45
8	LFS99-08	<5	<0.2	<1	0.3	9	2	10	2.1	<20	47
9	LFS99-09	<5	<0.2	<1	0.2	6	<1	9	1.2	<20	48
10	LFS99-10	<5	<0.2	<1	0.3	6	<1	4	1.5	<20	47
11	LFS99-11	<5	<0.2	<1	0.2	6	<1	14	1.2	<20	48
12	LFS99-12	<5	<0.2	<1	0.2	8	<1	14	1.1	<20	40
13	LFS99-13	150	<0.2	<1	0.6	8	<1	12	1.0	<20	34
14	LFS99-14	5	<0.2	33	(2.5)	30	<1	46	1.1	<20	153
15	LFS99-15	<5	<0.2	24	0.3	29	<1	56	1.0	<20	152
	TA:										
Repea	t:										
R-1	LFS99-01	<5	<0.2	<1	0.1	5	<1	6	1.1	80	11
R-10	LFS99-10		<0.2	<1	0.2	8	<1	14	1.6	<20	65
Standa	nd:										
GEO'9	9	120	0.2	60	8	82	<1	22	10.0	<20	74
GEO'9	9	120	0.2	65	10	84	<1	24	10 .1	<20	72
GEO'9	9	115	<0.2	60	10	84	<1	24	15.0	<20	74
GEO'9	9	125	<0.2	65	5	86	<1	22	11.2	<20	72
രടറയ	<u>م</u>	120	<0.2	65	10	84	<1	22	03	<20	76

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df/519 XLS/99

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CERTIFICATE OF ANALYSIS AK 99-630

ROB MONTGOMERY 231 GLENMARY ROAD, S 14, C 52 RR#1 ENDERBY, BC V0E 1V0

No. of samples received: 1 Sample type: Rock PROJECT #: LAFORME CREEK SHIPMENT #: None Given Samples submitted by: R. Montgomery

		Au	Ag	As	Bi	Cu	Mo	Pb	Sb (norm)	W (mmm)	
ET #.	Tag #	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
1	LFR 99-08	5	<0.2	<1	6. 4	11	4	2	<0.1	5	8
<u>QC DA</u> Repea	ATA: nt: LFR 99-08	5	<0.2	<1	7.0	11	4	2	<0.1	-	7
Respli 1	<i>it:</i> LFR 99-08	5	<0.2	<1	6.6	11	4	2	<0.1	-	8
Stand GEO'9	ard: 9	130	1.0	-	-	82	1	20	-	-	70
Mp-la		-	-	-	-	-	-	-	-	450	-
STSD-	2	-	-	33	-	-	-	-	2.6	-	-
STSD-	4	-	-	10	-	-	-	-	3.4	-	-
RTS-2		-	-	-	3.0	-	-	-	-	-	-





18-Nov-99

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CERTIFICATE OF ANALYSIS AK 99-517

ROB MONTGOMERY

231 GLENMARY ROAD, S 14, C 52 RR#1 ENDERBY, BC V0E 1V0

No. of samples received: 2 Sample type: Rock PROJECT #: None Given SHIPMENT #: 1 Samples submitted by: R. Montgomery

		Au	Ag	As	Bi	Cu	Мо	Pb	Sb	W	Zn
ET #.	Tag #	(ppb)	(ppb)	(ppm)							
1	LFR99-03	<5	<0.2	<1	0.1	13	6	4	1.1	<20	<1
2	LFR99-04	<5	<0.2	<1	<0.1	8	3	4	0.8	<20	5
QC DA	<u>TA:</u>										
R-1	LFR99-03	<5	<0.2	<1	0.1	12	5	4	1.1	<20	<1
Respli	t:										
R/S 1	LFR99-03	<5	-	-	-	-	-	-	-	-	-
Standa	ard:										
GEO'9	9	120	0.2	65	8	78	3	74	10.0	<20	74
GEO'99	9	-	0.2	60	6	72	3	76	9.8	<20	74

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CERTIFICATE OF ASSAY AK 99-609

ROB MONTGOMERY

231 GLENMARY ROAD ENDERBY, BC V0E 1V0

ATTENTION: ROB MONTGOMERY

No. of samples received: 1 Sample type: Concentrate PROJECT #: LA FORME CREEK SHIPMENT #: None Given Samples submitted by: R. Montgomery

ET #.	Tag #	Aı (g/t	u Au) (oz/t)	
1	LFP 99-13	<0.03	3 <0.001	
QC DATA Standard:	<u>-</u>		•	
STD-M		1.35	5 0.039	

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27-Oct-99





15-Nov-99

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CERTIFICATE OF ASSAY AK 99-629

ROB MONTGOMERY

231 GLENMARY ROAD SITE 14, COMP 52 RR#1 ENDERBY, BC V0E 1V0

ATTENTION: ROB MONTGOMERY

No. of samples received: 4 Sample type: Pan PROJECT #: LaForme Creek SHIPMENT #: None Given Samples submitted by: R. Montgomery

		Au	Au	
ET #.	Tag #	(g/t)	(oz/t)	
1	LFP99-21	<0.03	<0.001	<u> </u>
2	LFP99-22	<0.03	<0.001	
3	LFP99-23	<0.03	<0.001	
4	LFP99-24	<0.03	<0.001	

QC DATA:

Repeat: 3	LFP99-23	<0.03	<0.001
Standard: STD-M		1.69	0.049

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CERTIFICATE OF ANALYSIS AK 99-628

ROB MONTGOMERY 231 GLENMARY ROAD, S 14, C 52 RR#1 ENDERBY, BC **V0E 1V0**

No. of samples received: 6 Sample type: Silt PROJECT #: LAFORME CREEK SHIPMENT #: None Given Samples submitted by: R. Montgomery

		Au	Ag	As	Bi	Cu	Мо	Pb	Sb	W	Zn
ET #.	Tag #	(ppb)	(ppm)								
1	LFS99-19	<5	<0.2	1	<0.1	13	<1	8	0.1	<1	45
2	LFS99-20	<5	<0.2	<1	<0.1	8	1	6	<0.1	<1	38
3	LFS99-21	<5	<0.2	<1	<0.1	6	1	2	0.1	<1	27
4	LFS99-22	<5	<0.2	10	<0.1	7	2	10	0.3	<1	65
5	LFS99-23	<5	<0.2	<1	<0.1	6	2	<2	0.1	22	21
6	LFS99-24	<5	<0.2	<1	<0.1	6	2	4	<0.1	<1	26
QC DA Repea	<u>TA:</u> t:										
1	LFS99-19	<5	<0.2	1	<0.1	12	<1	6	0.1	<1	37
Standa	rd:										
GEO'99	•	130	1.0	-	-	80	1	22	-	-	72
Mp-ia		-	-	-	-	-	-	-	-	450	-
STSD-2	2	-	-	33	•	-	-	-	2.6	-	-
STSD-4	ł	-	-	10	-	-	-	-	3.4	-	-
RTS-2		-	-	-	3.0	-	-	-	-	-	-

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CERTIFICATE OF ANALYSIS AK 99-611

ROB MONTGOMERY 231 GLENMARY ROAD, S 14, C 52 RR#1 ENDERBY, BC V0E 1V0 2-Nov-99

No. of samples received: 3 Sample type: Silt PROJECT #: None Given SHIPMENT #: None Given Samples submitted by: R. Montgomery

		Au	Ag	As	Bi	Cu	Мо	Pb	Sb	W	Zn
ET #.	Tag #	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
1	LFS- 16	<5	<0.2	<1	0.3 1	<u>12</u>	<1	4	0.6	<10	40
2	LFS 🗰 17	<5	<0.2	1	0.3	9	<1	6	0.5	<10	33
3	lfs -# /8	<5	<0.2	<1	0.7	8	<1	2	0.5	<10	29
QC DA Repeat	<u>TA:</u> t: LF 6-00 LF5 - /6	<5	<0.2	İ	0.3	11	<1	4	0.6	<10	38
Standa	rd:										
GEO'99	Ð	115	1.0	-	-	78	1	18	-	-	68
Mp-la		-	-	-	-	-	-	-	-	420	-
RTS-2		-	-	-	2.8	-	-	-	-	-	-
STSD-4	4	-	-	11	-	-	-	-	4.0	-	-

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