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April 25, 1991

Ralph Allen
c/o Galena Contractors Ltd.
Box 404
Nakusp, B.C.
VOG 1R0

Dear Ralph:

Please find attached the results of the Baby West ore pile samples that were processed at Samatosum. Please note that the "high grade" sample is a composite of BW 1, 3 and 4 while the low grade is BW 2.

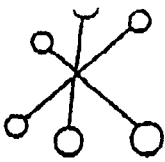
I'll contact you in a week or so about coming up to look at the drill core.

Yours truly,



Ian D. Pirie
District Geologist

IDP/gh



ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (804) 573-5700 Fax 573-4557

MARCH 28, 1991

CERTIFICATE OF ASSAY ETK 91-178

MINNOVA INC.
SAMATASUM MINE
P.O. BOX 739
BARRIERE, B.C.
VOE 1E0


ATTENTION: TERRY CRESS

SAMPLE IDENTIFICATION: 2 pulp samples received MARCH 26, 1991

ET#	Description	Au	Au	Ag	Ag	Cu	Pb	Zn	As	Sb	Hg
		(g/t)	(oz/t)	(g/t)	(oz/t)	(%)	(%)	(%)	(%)	(%)	(%)
178 - 1	SILVERTON HIGH GRADE ORE	36.00	1.05	6141.	179.09	.06	1.69	.83	.02	<.01	<.01
178 - 2	SILVERTON LOW GRADE ORE	.72	.021	193.0	5.63	<.01	.02	.03	<.01	<.01	<.01

NOTE: < = less than

FAX: 1-672-5676
1-672-0188


ECO-TECH LABORATORIES LTD.
Per JUTTA JEALOUSE
B.C. Certified Assayer

SC91/MINNOVA2

MINNOVA INC.
SAMATOSUM DIVISION

MEMO TO: John Purkis
FROM: Bob Friesen
COPIES TO: Peter Gron
DATE: April 1, 1991

Subject: Baby West Rock Samples

The following are descriptions of the Baby West samples submitted to us by Ian Pirie. Please note that in the descriptions there is a reference to possible tetrahedrite. Recent assay results indicate the presence of significant tetrahedrite is unlikely (lack of Sb, As), and the dark grey black mineral referred to may instead be a silver-rich mineral such as argentite.

For metallurgical testing, samples Baby West, BW-1, BW-3, and BW-4 were composited. The low grade sample (BW-2) was just assayed.

Sample: "Baby West"

Overall a quartz vein sample; moderately oxidized and probably exposed to surface. Some Mn staining.

1 piece contains 10-15% sulfides in blebs and veinlets (sphalerite, galena, pyrite with trace to minor chalcopyrite). What is dull grey metallic mineral? (tet?).

Gangue minerals are quartz, iron oxide, carbonate, green mica, MnO.

Sample "BW-1"

Four pieces of medium to heavily oxidized quartz vein.

One piece has a bright cream-colored metallic mineral--possibly native Ag? Rest of the mineralization is 3-5% disseminated galena, sphalerite, tetrahedrite? (soft grey-black metallic mineral).

Sample "BW-2" ("low-grade Road Show")

Several pieces; virtually entirely quartz vein material. Locally 10% carbonate, minor Mn staining. Trace to minor pyrite, sphalerite, and galena (all in one piece).

Sample "BW-3"

Five pieces quartz vein material. 20% sulfides (sphalerite, galena, tet?, pyrite) in 2 pieces; 1-3% in other three. Trace to minor chalcopyrite in one piece. Green mica present in gangue.

Sample "BW-4" ("Road Show")

Three pieces--all quartz vein hosted.

One piece has 30-40% dull grey-brown sulfides (mixture of sphalerite and tetrahedrite?) and 5% galena. Also several small leafy patches and grains of bright silver-yellow, sectile mineral (native Ag, or electrum). Gangue minerals are quartz with minor green mica and iron oxide.

One piece is SMS (40%) medium-grained pyrite with 15-20% galena. Gangue minerals are quartz and iron oxide.

One piece is predominately wallrock material with a quartz veinlet containing 25% sphalerite, galena, and trace native Ag (or electrum?).