

DATE: June 20, 1991

822801

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TO: I. D. PirieCOPIES A  
COPIES TO: J. Purkis, fileDE  
FROM: ✓ C. BurgeSUJET  
SUBJECT: Baby West Property Exam  
Ralph Allen Prospecting Syndicate (AMF)NTS 82F/14W

## Location:

The Baby West (12 units) and Baby East (20 units) are located 3.5 km south of Silverton, B.C. in the Slocan Valley. The showing occurs only a few hundred meters east of Hwy. 6. The Willa deposit, now held by Treminco, has a reserve figure of 600K tons of .18 opt Au and .92% Cu, and is situated about 1 km south of the Baby.

## Geology:

The property is underlain by a plagioclase porphyritic quartz monzonite. The intrusive is considered to be part of the Jurassic age Nelson complex.

## Mineralization and Alteration:

A widespread zone of silicification forms two prominent knobs at the centre of the Baby West. The zone measures roughly 200 x 400 meters and is cut by north-south trending gullies. The topographic knobs consist of large quartz veins which have silicified and stoped the intrusive wall rock. The veins appear barren with only traces of sulphide visible. The quartz veins trend north-south and dip steeply. Weak to moderate K-silicate alteration and minor clay alteration was observed in outcrop. The extent and intensity of silicification is most impressive.

Twenty-eight tons of rock has been stockpiled from a narrow quartz vein situated about 200 meters northwest of the silicified zone. The material is low sulphide quartz vein and runs very high grade (sample 11188). The wallrock shows moderate K-silicate alteration but is otherwise weakly altered. Some large fuchsite altered blocks of mafic volcanic occur in the hangingwall. The vein trends NNE and dips steeply and a second vein occurs immediately north.

The attached diagrams illustrate that efforts to test the downdip potential of the veins failed.

#### Conclusions and Recommendations:

Although the width and strike of the original vein is limited the large zone of silicification suggests exploration potential for veins of greater dimensions is good. The very high precious metal grades are an indicator that when the system does generate metal it is ultra high grade. The high Ag to Au values may indicate that the showings could represent the root-zone to an epithermal vein system.

The property vendors drilled five short ( $\approx$  50 meter) holes on the ground and intersected abundant quartz veining carrying traces of very fine grain sulphide material. The veins stope the wall rock and are crudely banded in places. No assays have been done (Total expenditures on the Baby West to date are \$70K).

I recommend we offer to analyze the Baby West core and, if values are returned, try and negotiate a reasonable option. Soil sampling and drilling a few 45° holes across the silicified zone would quickly test for wider veins.

**BABY WEST 12 UNITS (COVERS MAIN ZONE)****Baby Claims - Option Proposal**

Company "X" may earn a 51% interest in the 12-unit BW claim block by:

Spending a minimum of \$100,000 on the property for the first year and \$250,000 per year for the following four years.

Making annual payments to the AMF Partnership of:  
(on the anniversary date)

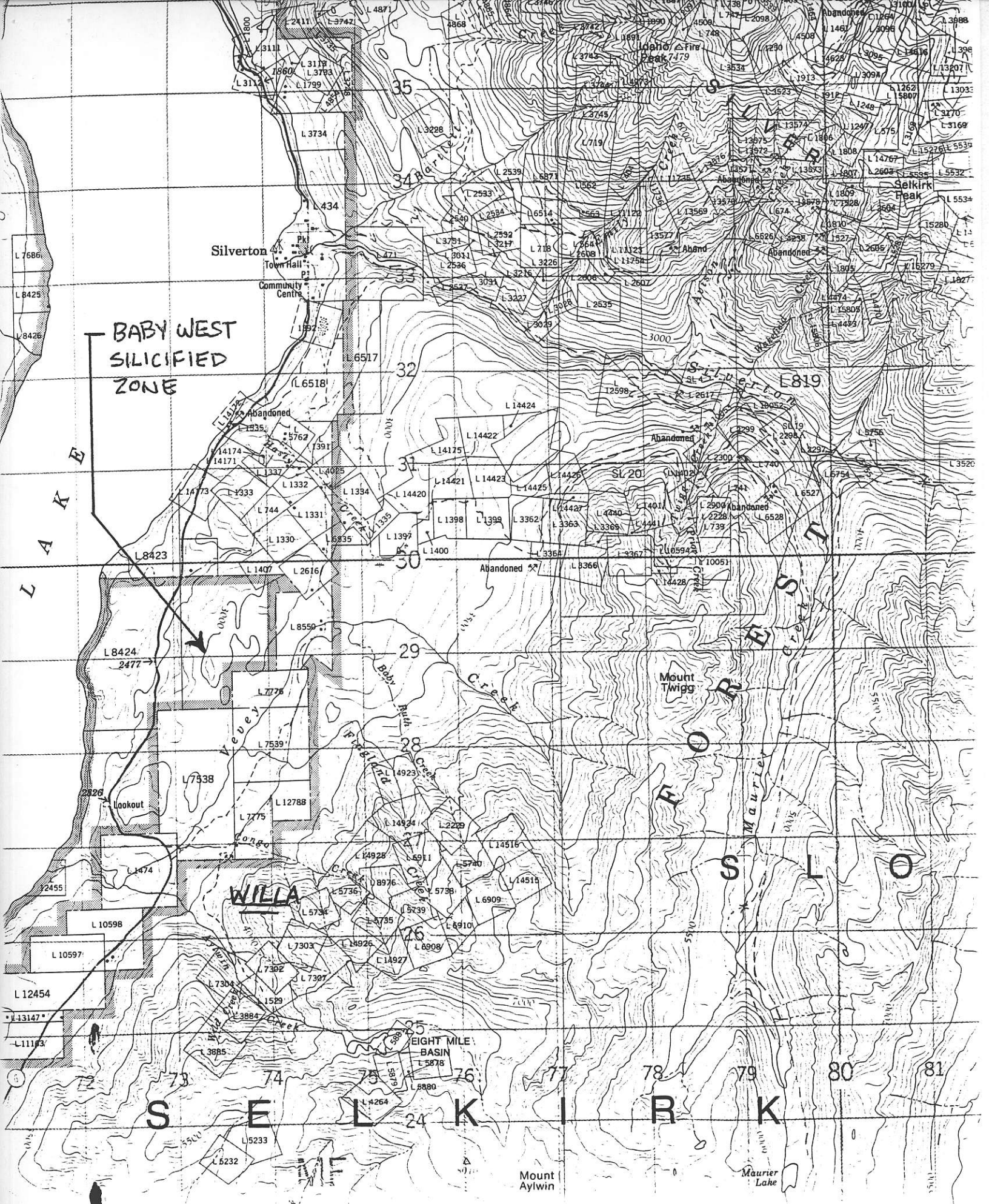
\$ 30,000 in 1991  
\$ 40,000 in 1992  
\$ 50,000 in 1993  
\$ 60,000 in 1994  
\$ 70,000 in 1995

By the anniversary date of the sixth year, Company "X" can earn 100% interest in the property by paying \$ 1 million to the AMF Partnership. The property will be subject to a 3% NSR, payable on an annual basis to the Partnership during the years of production. Advance payments on the NSR of \$30,000 per year are payable to the AMF Partnership each year, prior to production.

**BABY EAST + BABY WEST (32units) OR**

Company "X" may earn a 75% interest in the 32-unit package comprised of the BW and BE claim blocks by increasing all property expenditures and all payments by +25%.

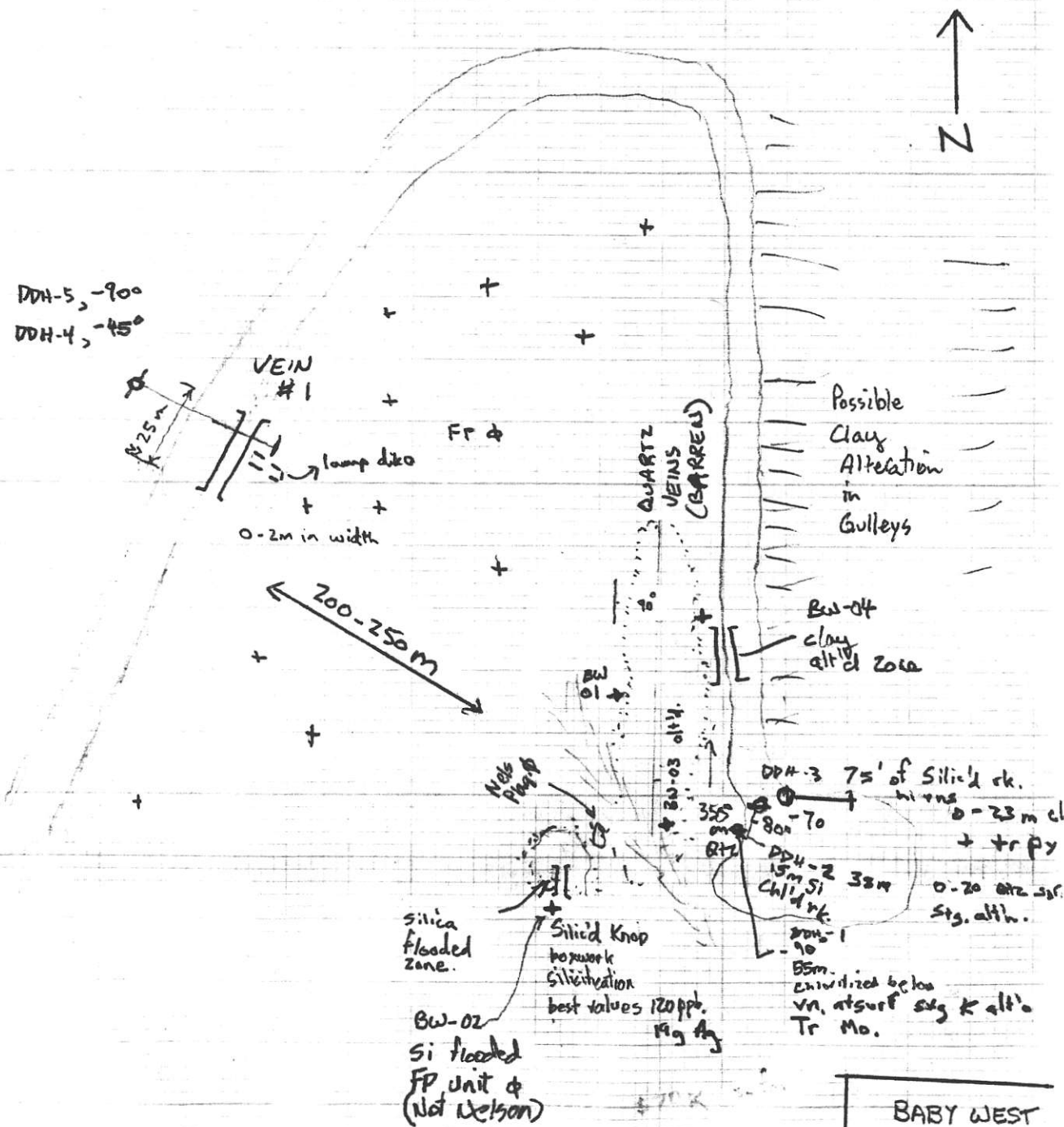
By the anniversary date of the sixth year, Company "X" can earn 100% interest in the property by paying \$ 1.25 million to the AMF Partnership. The property will be subject to a 3.75% NSR, payable on an annual basis to the Partnership during the years of production. Advance payments on the NSR of \$37,500 per year are payable to the AMF Partnership each year, prior to production.



1:50,000 Sheet 82 F14

# BEST ROCK ASSAYS IN SILIC'D ZONE

R-16 ppm Mo  
 50ppb Au  
 19.7 ppm Ag



BABY WEST  
 MAY 30/91  
 CMB

Survey

DDH #45  
Tree

low S<sup>-</sup> high PM vein

BW-06  
FLY  
Fuch  
at 12 m. W.

BW-04  
BW-05  
010°-63°

25 m  
13.0 m  
amphiphyre dike (vein widest at dike but X-cuts dike)

VEIN #1  
28 tons  
Stockpiled  
0-2m widths

VEIN #2  
60°

VEIN #1

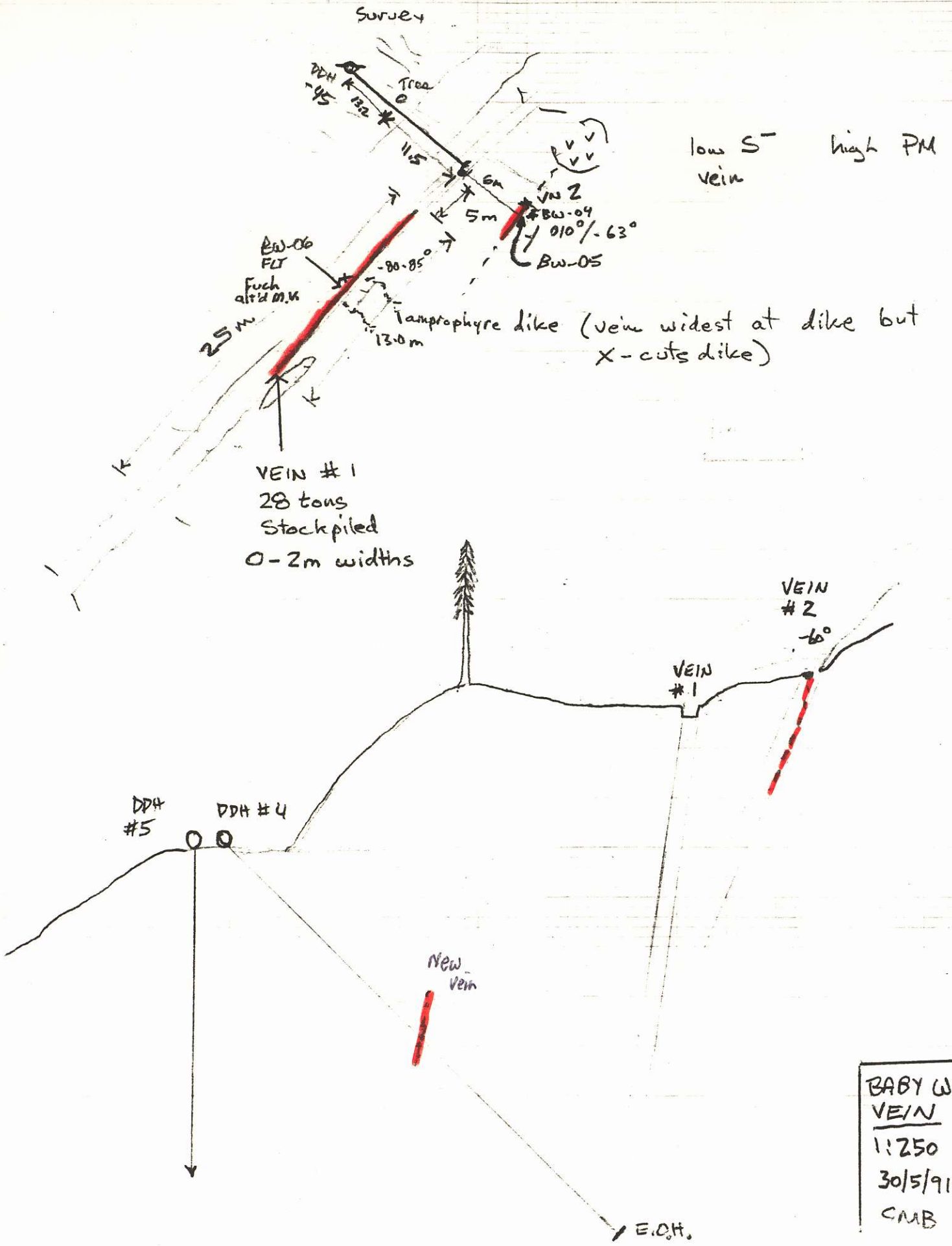
DDH #5

DDH #4

New vein

E.O.H.

BABY WEST  
VEIN  
1:250  
30/5/91  
CMB





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**VANCOUVER OFFICE:**  
 705 WEST 15TH STREET  
 NORTH VANCOUVER, B.C. CANADA V7M 1T2  
 TELEPHONE (604) 980-5814 OR (604) 988-4524  
 FAX (604) 980-9621

**THUNDER BAY LAB.:**  
 TELEPHONE (807) 622-8958  
 FAX (807) 623-5931

**SMITHERS LAB.:**  
 TELEPHONE/FAX (604) 847-3004

Assay Certificate

1V-0520-RA1


Company: MINNOVA INC.  
 Project: 602  
 Attn: COLIN BURGE

Date: JUN-12-91  
 Copy 1. MINNOVA INC., VANCOUVER, B.C.

We hereby certify the following Assay of 6 ROCK samples submitted JUN-07-91 by COLIN BURGE.

| Sample Number                  | AU-FIRE g/tonne | AU-FIRE oz/ton | AG g/tonne | AG oz/ton | AS % | CU % | PB % | ZN % |
|--------------------------------|-----------------|----------------|------------|-----------|------|------|------|------|
| <del>76-86</del> PUMP MATERIAL |                 |                |            |           |      |      |      |      |

|                              |       |      |        |        |     |      |     |      |
|------------------------------|-------|------|--------|--------|-----|------|-----|------|
| 11188 BABY WEST VEIN #2 grab | 22.80 | .665 | 4180.0 | 121.92 | .02 | .029 | .79 | 1.05 |
|------------------------------|-------|------|--------|--------|-----|------|-----|------|

Certified by   
 MIN-EN LABORATORIES

MINNOVA INC.  
SU: 602  
ATTN: COLIN BURGE

**MIN-EN LABS — ICP REPORT**  
705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2  
(604)980-5814 OR (604)988-4524

FILE NO: 1V-0520-RL1  
DATE: 91/06/18  
\* ROCK \* (ACT:F26)

| SAMPLE NUMBER         | AL2O3 % | BA % | CAO % | FE2O3 % | K2O % | MGO % | MNO2 % | NA2O % | P2O5 % | SI02 % | TIO2 % | S %  | TOT(%) % |
|-----------------------|---------|------|-------|---------|-------|-------|--------|--------|--------|--------|--------|------|----------|
| 11186 INT.            | 15.02   | .570 | 2.13  | 3.92    | 4.29  | 1.02  | .11    | 4.73   | .04    | 64.39  | .52    | .15  | 96.89    |
| 11187 INT (clay)      | 18.25   | .175 | .43   | 4.41    | 3.55  | .17   | .12    | .01    | .03    | 64.58  | .59    | .13  | 92.43    |
| 11189 INT (near vein) | 16.20   | .095 | 1.57  | 4.11    | 5.25  | .64   | .11    | 1.81   | .04    | 63.99  | .55    | 1.25 | 95.61    |
| 11190 VOLC'ES.        | 10.40   | .285 | 12.04 | 8.62    | 1.14  | 9.51  | .25    | .01    | .07    | 53.32  | .69    | .35  | 96.68    |
| <i>BABY WEST</i>      |         |      |       |         |       |       |        |        |        |        |        |      |          |
|                       |         |      |       |         |       |       |        |        |        |        |        |      |          |
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|                       |         |      |       |         |       |       |        |        |        |        |        |      |          |
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|                       |         |      |       |         |       |       |        |        |        |        |        |      |          |
|                       |         |      |       |         |       |       |        |        |        |        |        |      |          |

BW-03  
BW-04  
BW-05







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Assay Certificate

1V-0520-RA2

Company: MINNOVA INC.  
 Project: 602  
 Attn: COLIN BURGE

Date: JUN-18-91  
 Copy 1. MINNOVA INC., VANCOUVER, B.C.

*We hereby certify* the following Assay of 4 ROCK samples submitted JUN-07-91 by COLIN BURGE.

| Sample Number | LOI % |
|---------------|-------|
| 11186         | 2.00  |
| 11187         | 6.60  |
| 11189         | 4.90  |
| 11190         | 2.20  |

Certified by \_\_\_\_\_

MIN-EN LABORATORIES

