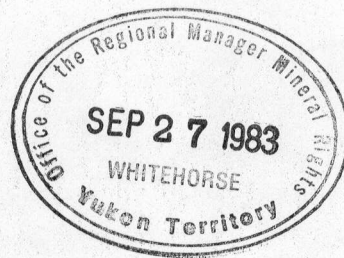


REPRESENTATION WORK REPORT  
KLONDIKE DISTRICT, YUKON

ON

VIOLET GOLD-QUARTZ PROPERTY  
BEING  
VI 1-15 MINERAL CLAIMS  
YA 55285 - YA 55299



Lat.  $63^{\circ}52'N.$ , Long.  $139^{\circ}17'W.$

Dawson Mining District,  
Yukon Territory

NTS Sheet 115 0 14

FOR

SILVERCREST RESOURCE CORPORATION



BY

P.S. WHITE, P.ENG.,  
910, 610 Eighth Ave. S.W.  
Calgary, Alta., T2P 1G5  
(403) 269-2122

17 September, 1983

091487



REPRESENTATION WORK REPORT  
YUKON DISTRICT, YUKON

ON

VICTORY GOLD-QUARTZ PROPERTY

TERMS

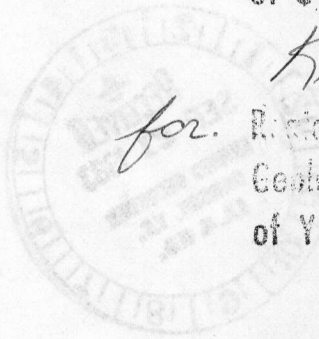
VI 1-13 MINERAL CLAIMS

YA 2282 - YA 2283

This report has been examined by  
the Geological Evolution Unit  
under Section 53 (4) Yukon Quartz  
Mining Act and is allowed as  
representation work in the amount  
of \$ 3000.00.

*Kathryn Grapes*

for. Regional Manager, Exploration and  
Geological Services for Commissioner  
of Yukon Territory.



BOND

STANDARD RECEIPT FOR CLAIMS

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## INTRODUCTION:

### General and History of District.

The Klondike Placer gold fields are located near Dawson City, Yukon, and comprise an 800 square mile area bounded by the Yukon River, the Klondike River, Flat Creek and Dominion Creek, the Indian River, and the easterly ridge of the tributaries thereto. Almost all the creeks are economic gold bearing of which the most productive ones have been Bonanza and Eldorado. Despite gold-rush era hand mining, major dredging operations, and intermittent heavy equipment re-working of those two rich streams, they are still being worked by bulldozers and other mechanical digging devices in 1982.

Many speculations and some scientific inquiries have been focused on the possible rock sources of the Klondike rich gold gravels, which on many claims measured in ounces of gold per square foot of creek bedrock. Economic placer deposits occurred on creek benches up to 200 feet above the creek bottoms, and the character of the gold nuggets has led to various theories of concentration from long-term mechanical concentration in stages by erosion of low gold content rocks to chemical solution and precipitation of gold and quartz in crystalline nugget form.

Despite the richness of Bonanza and Eldorado Creeks and others in the vicinity, to date no one has established economic ore reserves of gold in place in the district despite the many hard rock gold showings. No great amount of scientific work has been done to relate the in-situ gold showings to the creeks, or to define an irrefutable theory for the source of the fabulous creek deposits. By 1911, fifteen years after the original Bonanza Creek discovery, 35 quartz-gold properties had received prospecting and development potential. Of these, two were placed into small

scale production, the Lone Star Mine between Eldorado and Bonanza Creeks near their confluence, and the nearby VIOLET GROUP which is located on the Southwesterly Ridge of Eldorado Creek near the headwaters of Nugget Gulch and which is the subject of this report.

The Lone Star Mine history is well documented and is the subject of current re-investigation with recently developed engineering and prospecting techniques. The Violet Mine, which was reportedly of higher grade but deeper in source, was relatively poorly documented, and verifiable assay returns are fewer than from the Lone Star. Selections of various reports done by Geological Survey of Canada geologists in the 1909 - 1912 period, are appended to this report, and are unanimous in the authors uncertainty as to gold origin and the optimism about future discoveries of economic gold concentrations on the properties.

#### PROPERTY OWNERSHIP

The Violet Group consists of fifteen (15) claims, each 1500 feet square and 51.6 acres, re-located in 1981 by two Yukon prospectors and transferred in their entirety to P.S. White, P. Eng. The anniversary date of the claims is 22 May 1985, and the annual work requirement (or cash paid in lieu) is \$100/claim or \$1500 for the Group. The claims are located under the Yukon Quartz Mining Act.

#### LOCATION AND ACCESS

The property is located approximately 16 miles southeasterly

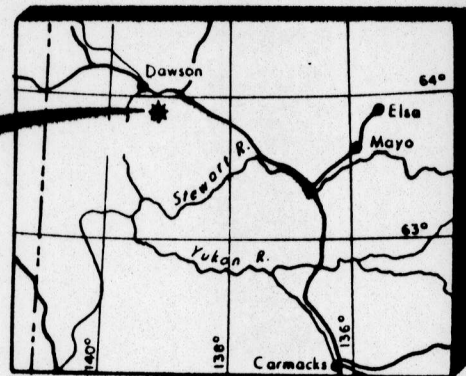


FIG. 1

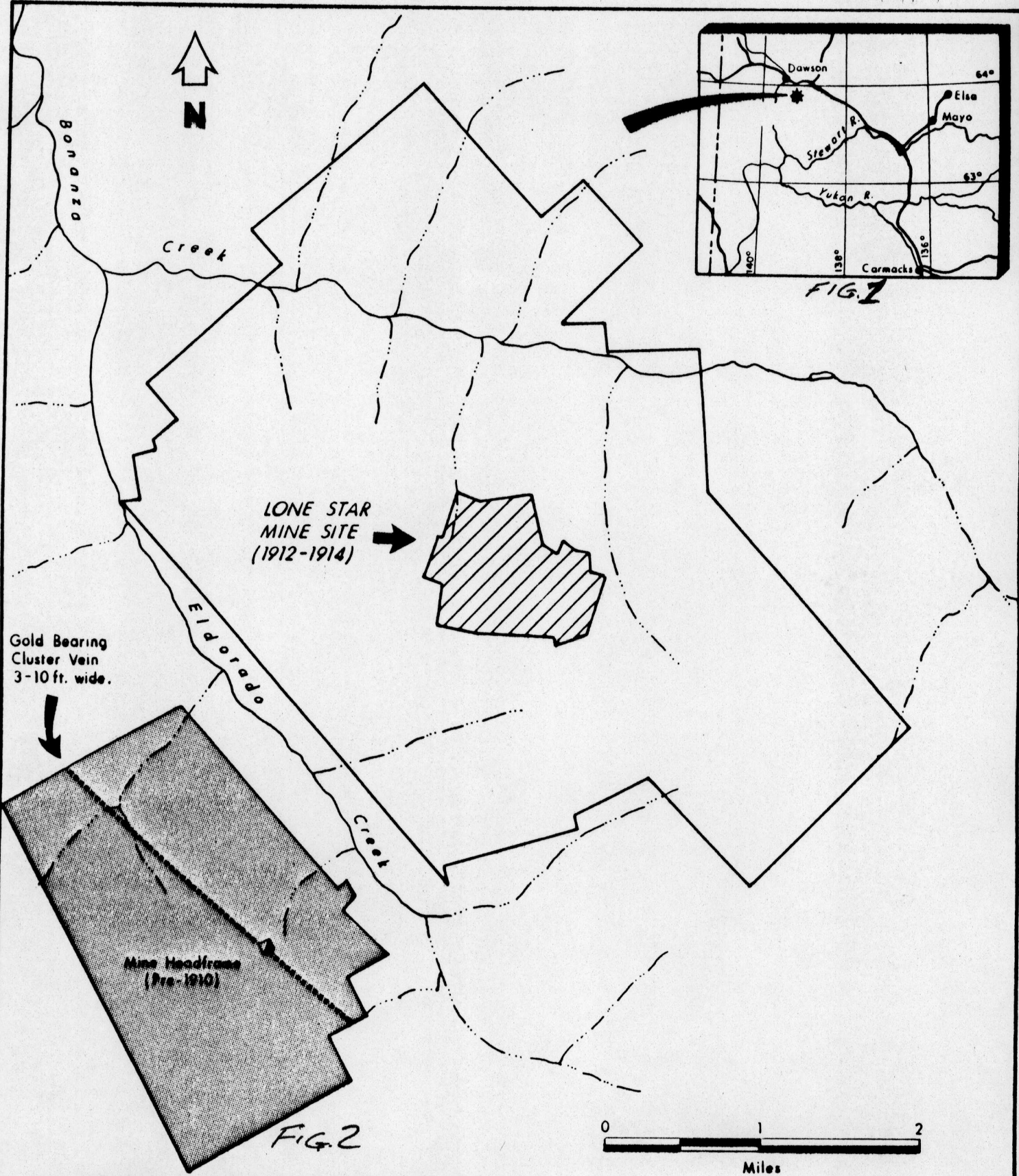
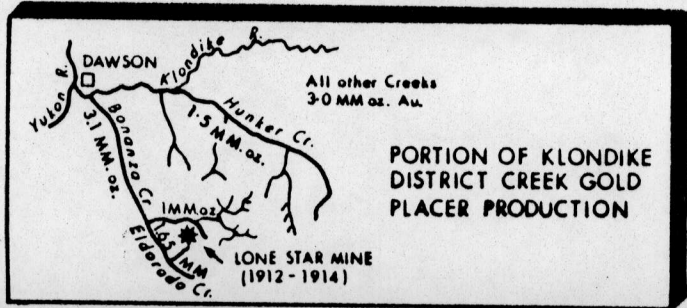


FIG. 2



SILVERCREST RESOURCE CORPORATION

VIOLET CLAIM GROUP

YUKON TERRITORY

FIG. 2

from Dawson City, at 3000 ft. above the sea level, on the southeasterly ridge to Eldorado Creek (left limit), 1 mile S.W. of the mouth of Gay Gulch and less than  $\frac{1}{2}$  mile E. of the headwaters of Nugget Gulch. Access is by all-weather road (or air) to Dawson City from Whitehorse (335 road miles), thence, by gravel highway, 16 miles up the Bonanza - Eldorado Creek road. Seasonal tractor trail access is possible from Nugget Gulch or from Chief Gulch (tributary to Upper Eldorado Creek), thence N.W. along the Eldorado left limit ridge to the property. Snow fall is minimal, and the property has a light cover of moss and underlying permafrost, 2-6' deep. The claim group has some scrub spruce timber, but the showing area at the headframe is relatively free of vegetation cover.

The location of the centre of the property is approximately  $63^{\circ}52'N.Lat.$ ,  $139^{\circ}17'W.Long.$  on NTS Map Sheet 115 0 14.

#### ECONOMIC GEOLOGY

The general geology of the district is of quartz lenses and veins and variety of fault shear zones in old (Pre Cambrian?) Klondike schists. The gold occurrences are as native gold, usually with sulfides (galena, chalcopyrite and pyrite) in the quartz veins, and in the schists at the contacts of the gold bearing veins. (See Folder report extracts.)

The Violet property is described by R.J. Cathro as an assemblage of strong, white quartz - barite veins, striking easterly or south-easterly and dipping  $80^{\circ}$  S. which bears gold with minor common sulfides. The workings are substantially caved and frozen, and cannot be entered. Occasional sampling of surface trenches and dumps by visiting geologists have given low grade gold values with occasional exceptions, which is a common

historical feature for the district. Bulk sampling, (5-10 tons), appears to be the only method to evaluate the Klondike gold showings as evidenced by the well documented nearby Lone Star Mine which produced smelter returns in the order of 3 - 4 times the normal chip and channel samples, and indicated mine head assays of 0.20 - 0.25 oz/ton Au, calculated from smelter returns. This strong vein system, which is of mineable width, and with the normal gold content of the wall rocks, can provide economic ore reserves at 0.20 - 0.30 oz./ton. The vein can be traced for hundreds of feet, on surface its lineament feature is believed to extend some thousands of feet.

A compelling feature of the Violet property is the occurrence of a high coarse nugget fraction of recoverable gold from sluicing operations in nearby Nugget Gulch. Placer miners in 1981 and 1982 obtained coarse nuggets, quartz and generally angular, from the gulch bottom, which were 75% coarse (+16 Mesh) and up to  $\frac{1}{2}$  Troy ounce in size. Topography and nugget surfaces encourage one to postulate that they originated from weathering of the Violet vein system, and not from White Channel gravel reconcentration.

The mining history of the Violet group stops at 1907 - 1910 when gold was priced at \$20.67/ounce. The gold mined from Eldorado Creek and Nugget Gulch in the immediate vicinity assays 70%+ Au, 20%+ Ag., and 5-10% impurities. The Violet group has not been explored, drilled or bulk-sampled since 1907 and the reported assay values of up to 0.5 oz./ton Au, combined with the wide, steep dipping mineable vein system, encourage large core diamond drilling to depths of 500 - 1000', and stripping of the vein system for surface bulk sampling, to test the property for gold values sufficient to warrant an underground program.

WORK TO DATE (10 May, 1983)

The property was originally staked in 1901, developed underground in 1902 - 1905, and bulk samples were transported from

the mine via 3500' tramway to a cyanide mill on nearby Ophir Creek. The property was sold at public auction in 1907, and no record of mining can be located by the author after that data. The Crown Grants reverted to the Crown, and the property was re-staked in 1947 and at various times thereafter, with no evidence of any exploration mining work by the various locators.

A wooden headframe stands at the main shaft, and traces of the old open cuts and trenches are easily discernible on the ground. In 1979, 1980 and 1981, the author visited the property, once with R.J. Cathro, P.Eng., and examined the workings and the geology as evidenced by the small dumps and caved trenches. The property was staked by M. Woods and M. Barker of Whitehorse in May 1981, and acquired from them shortly after. The property was aeri ally photographed in June 15, 1981 and at ground scales of 1000' = 1' and 2000' = 1' and various enlargements and a mosaic were made from the mapping quality photographs. Northwest Survey Ltd. of Whitehorse and Edmonton were contractors, and a regional control survey for Ortho photo mapping was performed by them in July and August, in conjunction with an exploration and mapping program on the Lone Star Mine property by Dawson Eldorado Gold Explorations Ltd. Copies of the operative photo prints are appended to this report.

REPRESENTATION WORK 10 MAY-31 MAY, 1983

On 10 May, 1983, Steven Smith and Eric Huggard, Prospectors, were engaged to perform vein mapping, soil sampling, line cutting and vein rock chip sampling. A total of 68 soil samples were taken, and approximately 1/3 of the soil samples were re-taken in late May, after north slope thawing permitted better digging. The results are shown on the included assay sheets as File Nos. 25036 and 25035 of Loring Laboratories Ltd. of Calgary, Alberta.

The prospectors field sketches are also enclosed to locate sites of soil samples.

The soil samples were taken in two areas. Location Lines of the VI 1-15 claims were sampled at 500' intervals (33 samples, 16 stations per location line) and the claim posts were tagged in the process. A detailed grid was established and soil samples were taken at 100 meter intervals on a cut grid centred on the VIOLET MAIN SHAFT. On the VIOLET No. 4 mineral claim, 35 soil samples were taken on the detailed grid and assayed by Loring Labs. Ltd.

The vein was located on the ground and rough sketched on the location maps. Old pits and trenches were located, cleaned out and bed rock examined. Seven rock samples were taken for assay and were assayed by Loring Labs.

#### RESULTS OF SAMPLING PROGRAM

The soil sample values on the location line were generally flat, with 5 exceptions.

Background gold values are 0-5 p.p.b. and anomalous gold results were encountered as follows:

<u>STATION</u>	<u>Au P.P.B.</u>
Line 1-10	45
" 10A	140
" 14	10
Line 2-9	15

The shaft centred detail grid showed generally flat values at 0-5 p.p.b. with 3 exceptions as follows:

<u>STATION</u>	<u>Au P.P.B.</u>
Line 200N - 0+00	20
Line 200N - 200+00W	20
Line 200N - 200+200W	15

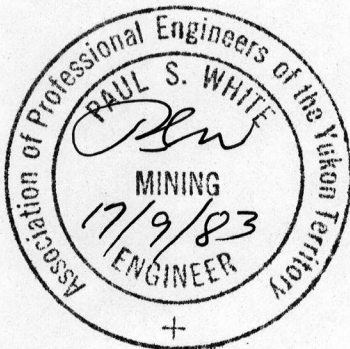
The rock chip samples along the Violet vein zone were more interesting. All seven samples returned significant silver assays of 0.09, 0.20, 0.60, 0.62, 0.66, 0.82 and 1.27 oz Ag/ton. Two samples returned significant gold values. Sample 1458-1 was taken at the Violet shaft dump and assayed 0.114 ounces/ton gold. Sample No. 1458-2 taken on or near the vein 300' north-westerly on strike from the main Violet shaft, returned 0.048 oz Au/ton.

The prospectors reported that the soil conditions were not amenable to ideal soil sample coring, due to early season frozen layers, and the "nil - 5 p.p.b." samples should be retaken in the future in August.

Minor galena was observed in a trench 1575' north-esterly on strike from the Violet shaft.

#### CONCLUSIONS

12 man-days were spent on a grid layout, vein tracing, mapping and sampling program between May 10 and May 31, 1983. The results were inconclusive but significant silver rock assays, and two significant gold assays, provide enough encouragement to continue with the testing program recommended in P.S. White's November 1st, 1982 report.

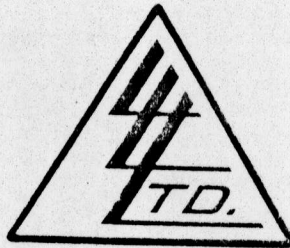


Respectfully submitted,

*Paul S. White*  
Paul S. White P.Eng.

September 17, 1983.

To: DAWSON ELDORADO GOLD EXPLORATION,  
 910, 610 - 8th Avenue S.W.,  
 Calgary, Alta. T2P 1G5



File No. 25036  
 Date July 29, 1983  
 Samples Soil  
 Violet Samples

ATTN: Paul White

Certificate of  
**ASSAY** of  
**LORING LABORATORIES LTD.**

Page # 1

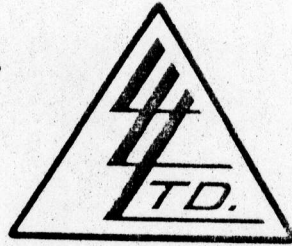
SAMPLE No.	ppb Au
<u>"Soil Samples"</u>	
1451	
L1-1	5
2	Nil
3	Nil
4	Nil
5	Nil
6	Nil
7	Nil
8	Nil
9	Nil
10	45
10A	140
11	10
12	5
13	5
14	15
15	5
16	5
1452	
L2-1	Nil
2	Nil
3	5
4	5
5	5
6	5
7	5
8	Nil
9	15
10	Nil

**I Hereby Certify** THAT THE ABOVE RESULTS ARE THOSE  
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES . . . .

Rejects Retained one month.  
 Pulps Retained one month  
 unless specific arrangements  
 made in advance.

*Paul White*  
 Assayer **FIG 3A**

To: DAWSON ELDORADO GOLD EXPLORATION,  
 910, 610 - 8th Avenue S.W.,  
 Calgary, Alta. T2P 1G5



File No. 25036  
 Date July 29, 1983  
 Samples Soil  
 Violet Samples

ATTN: Paul White

Certificate of  
 ASSAY of  
**LORING LABORATORIES LTD.**

Page # 2

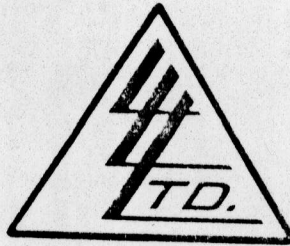
SAMPLE No.	ppb Au
L2-11	5
12	5
13	5
14	5
15	5
16	Nil
<u>1453</u>	
L100S-0+00	Nil
100 E	Nil
200	5
300	Nil
100 W	5
200	5
300	5
<u>1454</u>	
L200N-0+00	20
100 E	Nil
200	5
300	Nil
100 W	5
200+00 W	20
200	15
300	Nil
<u>1455</u>	
L200S-0+00	Nil
100 E	Nil
200	Nil
300	Nil

**I Hereby Certify** THAT THE ABOVE RESULTS ARE THOSE  
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES . . . .

Rejects Retained one month.  
 Pulps Retained one month  
 unless specific arrangements  
 made in advance.

*Paul White*  
 Assayer **FIG 3B**

To: DAWSON ELDORADO GOLD EXPLORATION,  
910, 610 - 8th Avenue S.W.,  
Calgary, Alta. T2P 1G5



File No. 25036  
 Date July 29, 1983  
 Samples Soil  
 Violet Samples

ATTN: Paul White

Certificate of  
**ASSAY** of  
**LORING LABORATORIES LTD.**

Page # 3

SAMPLE No.	ppb Au
L200S-100 W	5
200	Nil
300	Nil
1456	
L100N-0+00	Nil
100 E	Nil
200	Nil
300	Nil
100 W	Nil
200	5
300	Nil
1457	
L0N-0+00	Nil
100 E	Nil
200	Nil
300	15
100+00 W	Nil
300+00	Nil

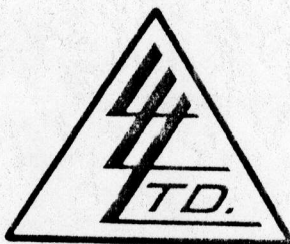
**I Hereby Certify** THAT THE ABOVE RESULTS ARE THOSE  
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES . . . .

Rejects Retained one month.  
 Pulps Retained one month  
 unless specific arrangements  
 made in advance.

*Paul White*  
 Assayer **FIG. 5E**

To: DAWSON ELDORADO GOLD EXPLORATION,  
910, 610 - 8th Avenue S.W.,  
Calgary, Alta. T2P 1G5

ATTN: Paul White



File No. 25035  
Date July 29, 1983  
Samples Rock Chip  
Violet Samples

Certificate of  
ASSAY of  
LORING LABORATORIES LTD.

SAMPLE No.	OZ/TON Gold	OZ/TON Silver
<u>"Rock Chips"</u>		
1458-1	.114	1.27
1458-2	.048	.09
1458-3	Trace	.62
1458-4	Trace	.82
1458-5	Trace	.20
1458-6	Trace	.66
1458-7	Trace	.60

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE  
ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES . . . .

Rejects Retained one month.  
Pulps Retained one month  
unless specific arrangements  
made in advance.

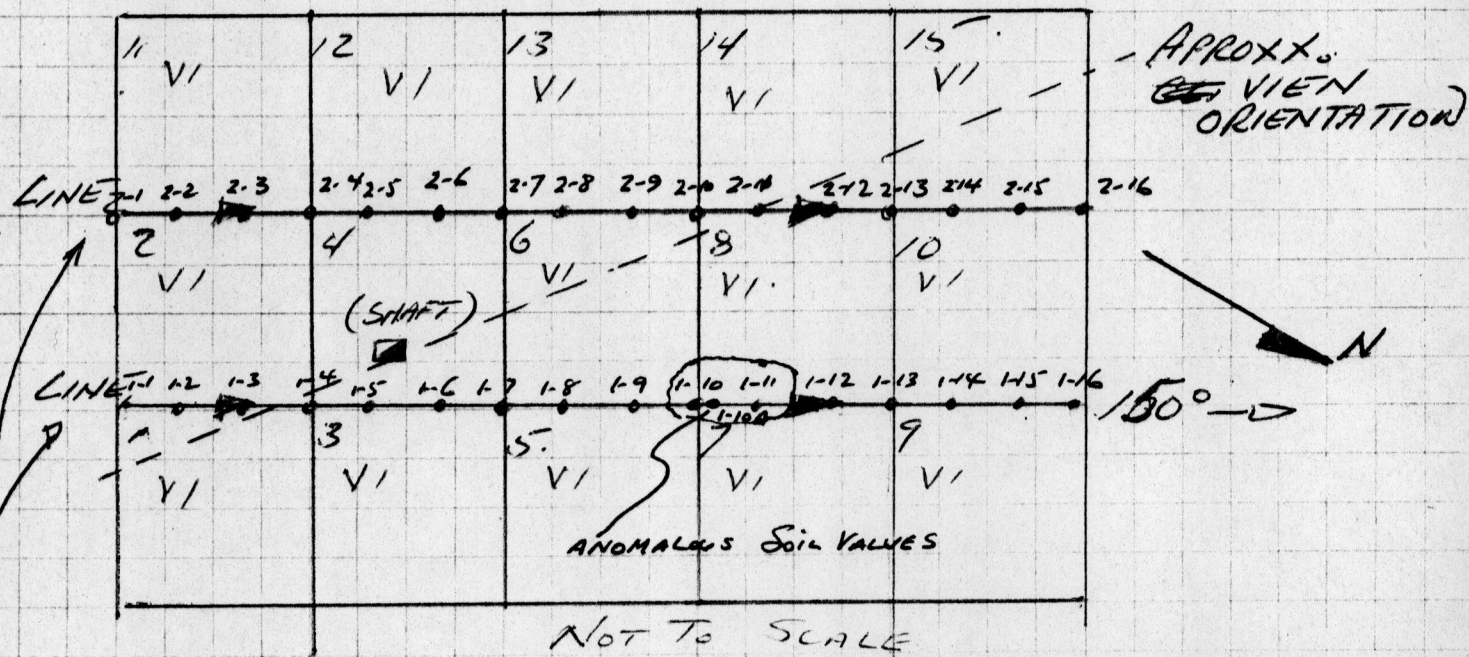
*Paul White* Fig 4.  
Assayer

PAUL WHITE RE: ASSESSMENT ON VI-1-15 CLAIMS.  
SOIL SAMPLING

SINCE MAIL LEAVES DAWSON WEDNESDAY-FRIDAY. WE'RE SENDING AN OUTLINE OF OUR WORK TO DATE. WE'LL CALL TOMORROW (THURSDAY) NIGHT WITH DETAILS OF OUR PROSPECTING.

- ① SOIL SAMPLING ALONG VI CLAIMS LINES AT 500 FT INTERVALS. (32 SAMPLES TOTAL) (SOME SAMPLES ALONG EAST LINE ARE FROM FROZEN GROUND & MAY BE OF QUESTIONABLE QUALITY.) ~~1/15~~ (COMPLETED MAY 15)
- ② SOIL SAMPLING @ 100 METER INTERVALS IN VICINITY OF SHAFT (35 SAMPLES TOTAL) (COMPLETED MAY 16)

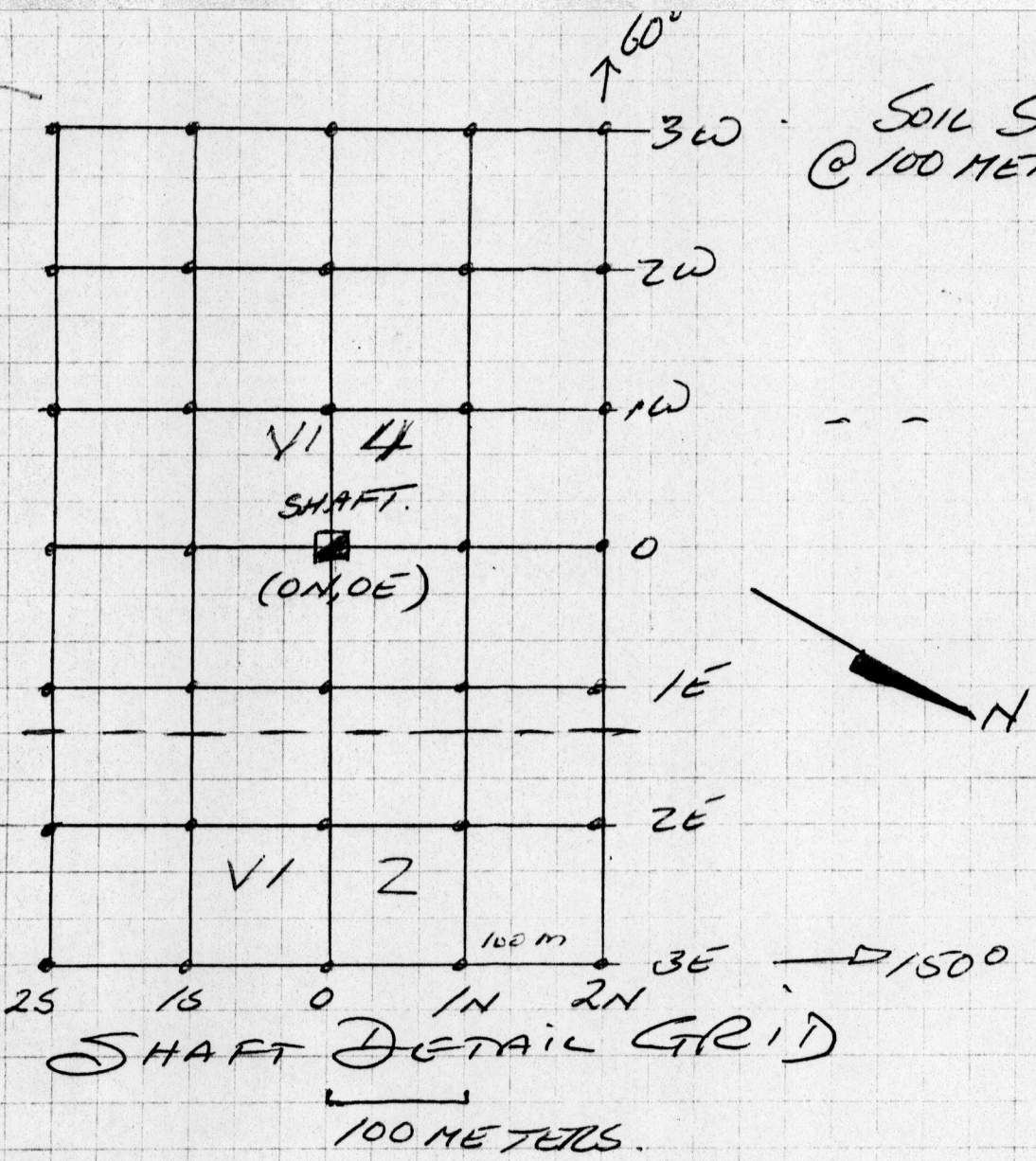
SOIL SAMPLES @ 500' INTERVALS



LOCATION LINE GRID VI CLAIMS 1-15

SAMPLES ARE NUMBERED 1 THROUGH 16 ALONG LINE 1, & LINE 2 FROM SOUTH TO NORTH.

SOIL SAMPLES @ 100 METER INTERVALS.



- ③ PROSPECT ALONG VIEN. SYSTEM. TAKING ROCK SAMPLES + LOCATING ALL SHAFTS, TRENCHES + PITS. (TO BE COMPLETED. MAY 18TH.) WE'LL CALL WITH DETAILS OF THIS WORK THURSDAY. IN ADDITION ALL VI CLAIMS HAVE BEEN TAGGED.

Received and Documented  
 20 May 1983 at Calgary,  
 Alberta  
 Don Hill  
 P. Eng.

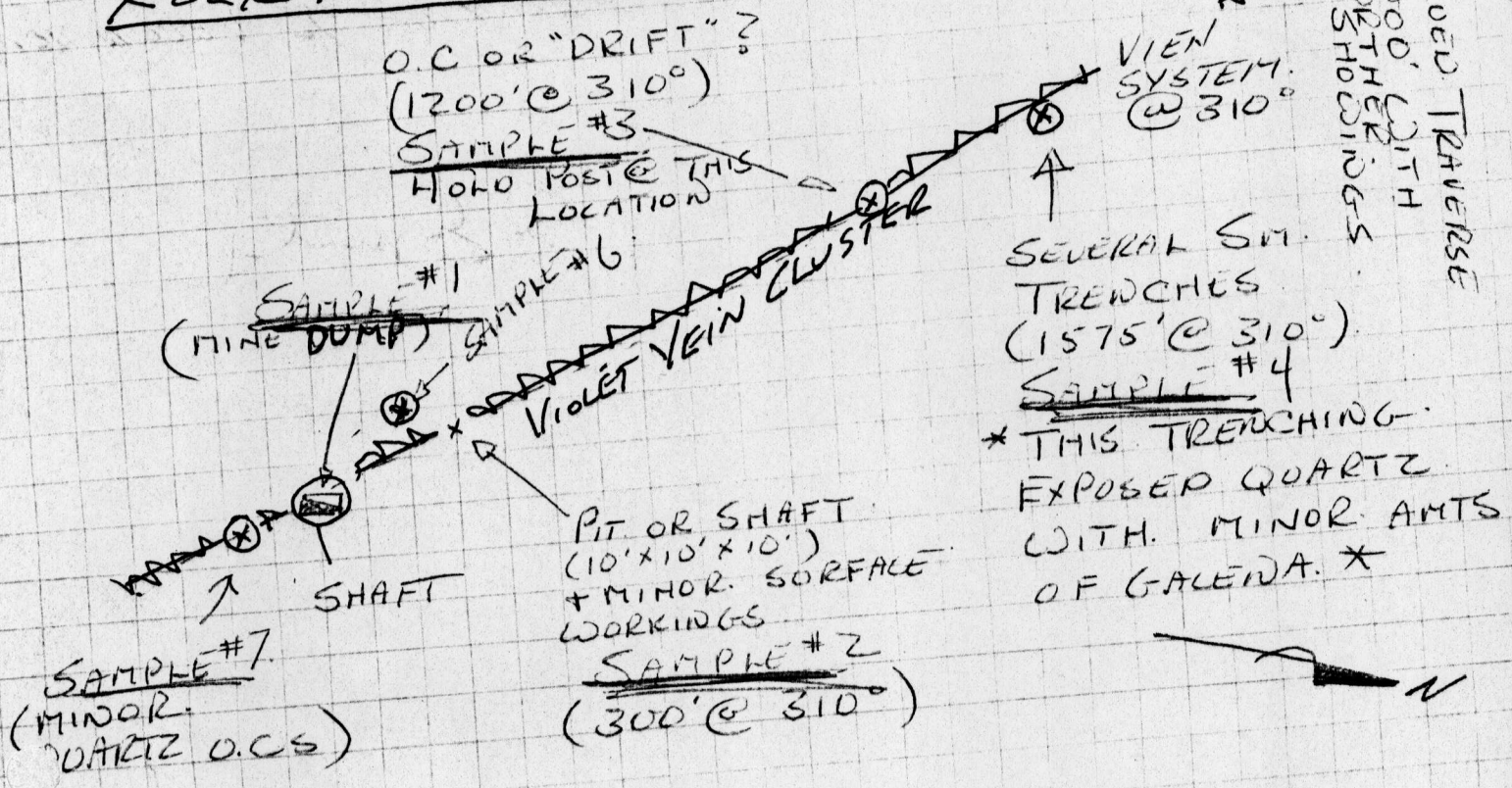
J. Smith  
 Eric Skogard

FIG 5B

# VIOLET PROSPECTING Rock Vein Sampling

MAY 18/83.

CONTINUED TRAVERSE  
TO 3000' WITH  
NO FURTHER FINDINGS



O.C. OR "DRIFT"?  
(1200' @ 310°)  
SAMPLE #3  
HOLD POST @ THIS LOCATION

SEVERAL SM. TRENCHES  
(1575' @ 310°)  
SAMPLE #4

\* THIS TRENCHING EXPOSED QUARTZ WITH MINOR AMTS. OF GALENA. \*

PIT OR SHAFT  
(10'x10'x10')  
+ MINOR SURFACE WORKINGS  
SAMPLE #2  
(300' @ 310°)

- 200' SW OF LINE @ 2400' @ 310° FROM SHAFT. THERE IS A SMALL TRENCH (TOP OF KNOLL), COMPOSED OF SHIST + MINOR AMTS OF QUARTZ (SAMPLE #5) BEARING ON SHAFT-1120

- 20' W OF LINE @ 200' @ 310° FROM SHAFT. IS A SM. TRENCH, SAMPLE #6. (THERE ARE 2 OLD POSTS SO S OF THIS TRENCH)

- FOLLOWED VIEW SYSTEM S. OF SHAFT FOR 1000', ONLY O.C. OR SHOWING WERE WITHIN 200' OF SHAFT AS MINOR QUARTZ. SAMPLE #7.

Received  
Aug 21/83 from  
Steve Smith  
at Plata.

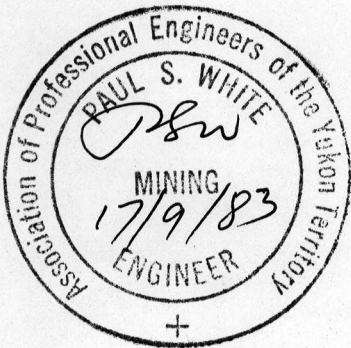
Donald W. P. Eng.

Fig. 6

CERTIFICATE OF EXPENDITURES

I, Paul S. White, Professional Engineer, of the City of Calgary in the Province of Alberta, do solemnly declare that I have incurred the following expenditures on the VI 1-15 Quartz Mineral Claims on Map Sheet 115-0-14, in the Dawson Mining District, between the dates of May 10 and May 31, 1983, and that the expenditures have been paid:

a) 2 men 6 days - 12 man-days @ \$200.00	=	\$ 2,400.00
b) Assay preparation, freight, laboratory	=	965,25
c) Supervision, truck rental, report reproduction	=	<u>750.00</u>
TOTAL COST OF PROGRAM		<u>\$ 4,155.25</u>



Certified Correct  
this 17th day of September, 1983.

A handwritten signature in cursive script that reads "Paul S. White".

Paul S. White, P.Eng.

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