

RECEIVED SEPT. 27

014619

Sept 17 1989.

Box 380

Vanderhoof, B.C.

Peter Fischl  
 B.C. Energy  
 Geological Survey Branch  
 Industrial Minerals  
 Victoria

Dear Peter,

We are sending you any current information that we have on the four claims we have, registered under the Mineral Act. This property is located 12 miles East of Vanderhoof on the North side of the Nechako River on District Lot 5415 Caribou.

Access is by Sackner Rd on the North side of the River, 4 miles of pavement the remaining 8 miles is year round gravel road access. The C.N.R. railroad is 2 1/2 miles south of the property on the south bank of the Nechako River. Presently, railroad access by way of the Sackner Rd (12 miles to siding at Vanderhoof).

The property is 72 road miles west of Prince George and 402 miles East of Prince Rupert.

We would appreciate a copy of your final work. We thank you for an opportunity to contribute.

Yours truly  
 Albert Smalley

P.S (over for estimated tonnage)

In 1977 J. Cyr. Geologist for  
Canesc Placer Limited estimated known  
mineral body to be in excess of  
5 million tonnes. We have not established  
the perimeter of the body to the North &  
East. This would require more drilling.  
Also the depth of the body has never  
been established (past the drilling  
done by Tonto Drilling). It was felt that  
there ~~is~~ <sup>is</sup> enough proven tonnage that  
we would spend our time on improving  
the access and promoting the use  
of the known reserves.

ALL



Province of  
British Columbia

Ministry of  
Mines and  
Petroleum Resources

Parliament Buildings  
Victoria  
British Columbia  
V8V 1X4

July 28, 1978

Property File

93G 008

Mr. A.G. Smedley → 567 - 2696  
P.O. Box 1096,  
Vanderhoof, B.C.  
VOJ 3A0

Dear Sir:

Following my visit to your limestone prospect near Vanderhoof, this is my evaluation of the deposit and recommendations for further examination.

The deposit is represented by a folded, steeply dipping zone of crystalline carbonate rock with variable striking from approximately northeast to straight north.

The carbonate rocks are massive, whitish grey to dark grey in colour. Minor siliceous veinlets from a few millimeters to a few centimeters thick with no apparent distribution pattern are scattered throughout the deposit. Veinlets of a yellow carbonate - probably dolomite - are found in a similar way like quartz as a minor component of the outcrops. The size of the exposed bedrock is approximately 250 x 100 m, indicating that there are some 1.5 to 2 million tons of carbonate rock in the deposit.

In similar deposits like this, the chemical composition of the rock may change significantly across the strike, while along the strike reveals relatively little variation.

Since all drilling done so far at the deposit are vertical holes in steeply dipping (80°-90°) strata and the surficial sampling seems to be rather at random taken grab samples, it is recommended to do some channel sampling perpendicular to the strike of the strata in order to get an idea about the average quality of the deposit.

Page 2  
Mr. A.G. Smedley  
July 28, 1978

Each sample should represent not more than 10 ft of the channel, and should be analysed for CaO, MgO and ignition loss, which altogether will indicate the total carbonate content in the rocks and the difference to 100% will be approximate amounts of insoluble silica minerals.

Best of luck.

Sincerely,

Z.D. Hora  
Industrial Minerals Specialist

ZDH/dlb

Encl.

Property File

0936-008



CANEX PLACER LIMITED

ENDAKO MINES DIVISION

PHONE: FRASER LAKE 699-6211

ENDAKO, B.C. CANADA  
VOJ 1LO

February 1, 1977

Mr. A. G. Smedley  
2408 Church Street  
Vanderhoof, B.C.  
VOJ 3A0

Dear Mr. Smedley:


Enclosed is a memo from Mr. C.W. Ball regarding the limestone deposit. As you can see, a considerable amount of work will have to be done before any accurate evaluation on its economic potential can be made.

We have gone as far as we can on this deposit. For additional information regarding future work, we suggest you contact, Mr. Gerry Klein at Department of Mines and Petroleum Resources in Prince George.

Thank you for giving us the opportunity to examine your property.

Yours truly,

CANEX PLACER LIMITED  
Endako Mines Division

  
J. Cyr  
Geologist

JC/dj  
Enclosure  
cc: Mr. G. Klein



The Kraft mills use large stone and the sulphite mills use calcined stone crushed to -3/4 inch with the consumption for the latter process, being about 300 pounds of limestone per ton of pulp produced. As you probably know Alexandra Forest Industries and Cariboo Pulp and Paper Company have bleached Kraft mills with capacity about 800 tons of finished product per day. ✓ Kindly refer to appendix 4 in the enclosed report and you will see that the Kraft mills only use 10 tons of lime per ton of pulp produced per day.

Comment:

The Vanderhoof limestone deposit requires field examination and close examination of all drill core sections. It is essential to have a large number of assays with special attention being paid to assays for  $\text{CaCO}_3$ ,  $\text{MgO}$ ,  $\text{Fe}_2\text{O}_3$ , Acid Insoluble, loss on ignition, and  $\text{SiO}_2$ . After taking a large number of samples considerable variation will be detected in assays for the above radicles. In many limestone deposits, which appear to be reasonably pure, it is quite common to find "trap dykes" - these are sills and dykes of andesitic rock which riddle through the limestone and sometimes make up to 5% by volume. They are quite troublesome also because they usually contain 5% to 10% of disseminated pyrite. Limestone deposits are therefore not as simple and uniform as the average prospector would believe from preliminary surface evaluation.

Please forward information as to the exact location of the limestone deposit submitted by Mr. Smedley - I know of one deposit near Clucluz Lake, possibly this may be the same one.

In conclusion, I consider that the deposit is not of interest to Placer at this stage on account of the relatively small demand.

  
\_\_\_\_\_  
C.W. Ball

CWB/ct  
Enclosure

# COAST ELDRIDGE

ENGINEERS & CHEMISTS LTD.



125 EAST 4TH AVE., VANCOUVER 10, B.C.

TELEPHONE: TRINITY 6-4111  
CABLE ADDRESS: "ELDRICO"

REPORT OF: **Limestone Analysis**  
AT: **Vancouver Laboratory**  
PROJECT:  
REPORTED TO: **Mr. L. H. Smedley  
Vanderhoof, B. C.  
Box 234**

ORDER NO.  
DATE **March 18, 1963**  
FILE **C.3-8.3-63 5220**

WE HEREBY CERTIFY that the following are results of a complete limestone analysis on the sample submitted March 11, 1963:

Loss on Ignition	-----	43.00 %
Silica ( $SiO_2$ )	-----	0.44 %
Iron ( $Fe_2O_3$ )	-----	0.14 %
Alumina ( $Al_2O_3$ )	-----	0.52 %
Calcium Oxide (CaO)	-----	55.17 %
Magnesia (MgO)	-----	0.59 %
Sulphur ( $SO_3$ )	-----	0.05 %
Phosphorus ( $P_2O_5$ )	-----	0.01 %
Undetermined	-----	0.08 %

100.00 %

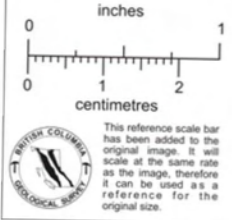
CELTAR LIMITED  
RECORDED

APR 8 1963  
PURCHASING DEPT.

COAST ELDRIDGE

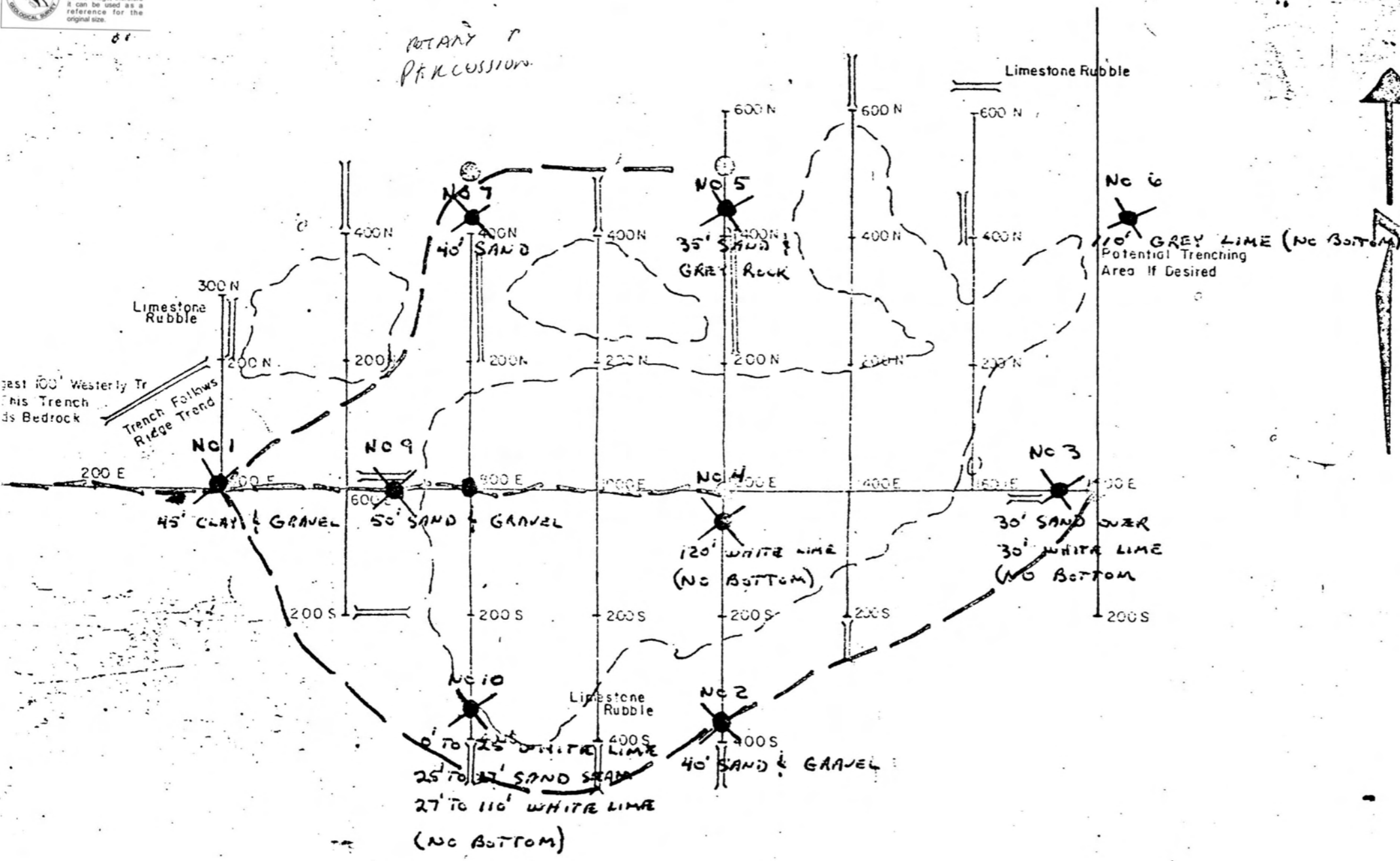
*H. Sharples*  
H. Sharples  
PROVINCIAL ASSAYER





# TOMIO DRILLING 1971

ROTARY & PERCUSSION



--- Proposed drill

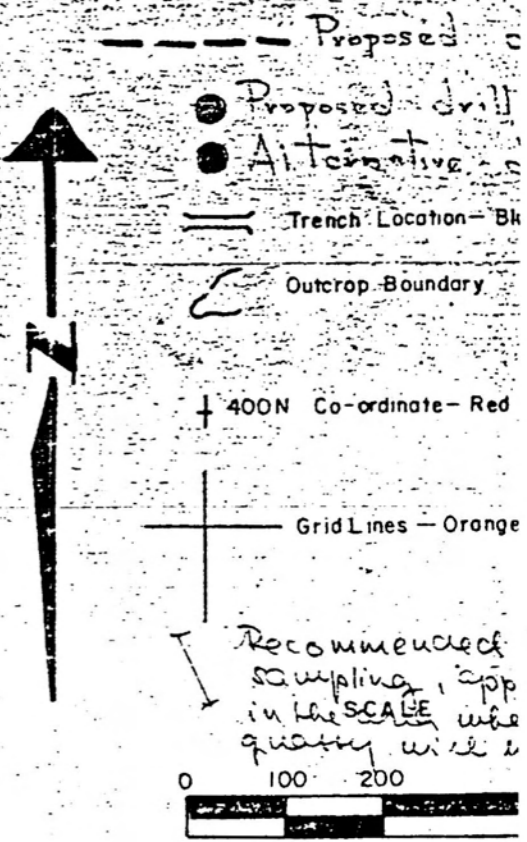
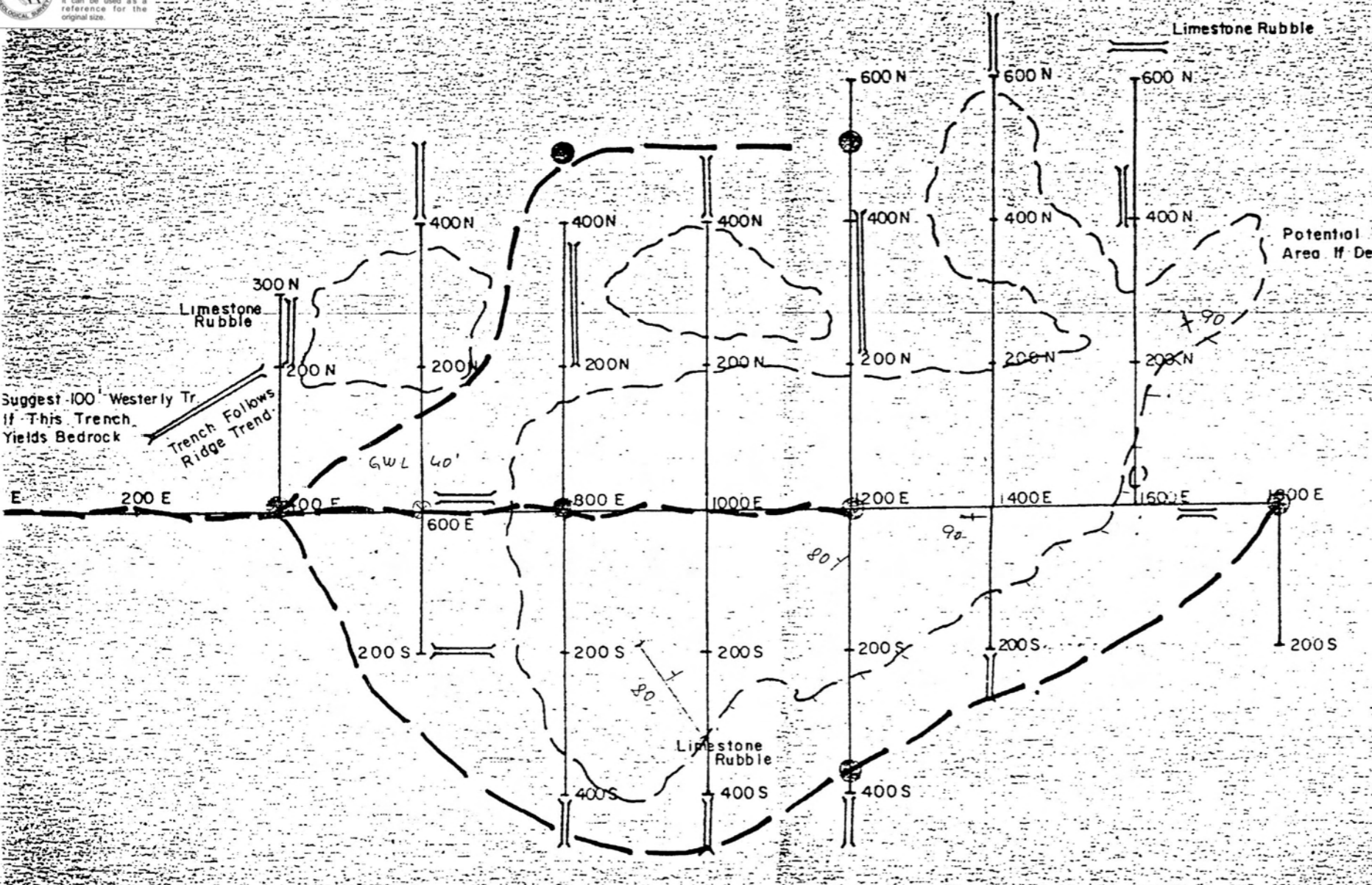
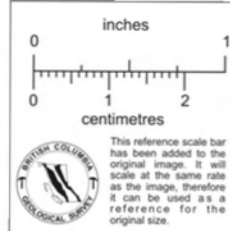
- Proposed drill hole
- Alternative drill
- == Trench Location - Blue Flag
- - - Outcrop Boundary
- + 400N Co-ordinate - Red Flag
- Grid Lines - Orange Flag
- X DRILL HOLE LOCATION

SCALE

Suggest holding trenching until the core completed

SCALE: 1" = 200'

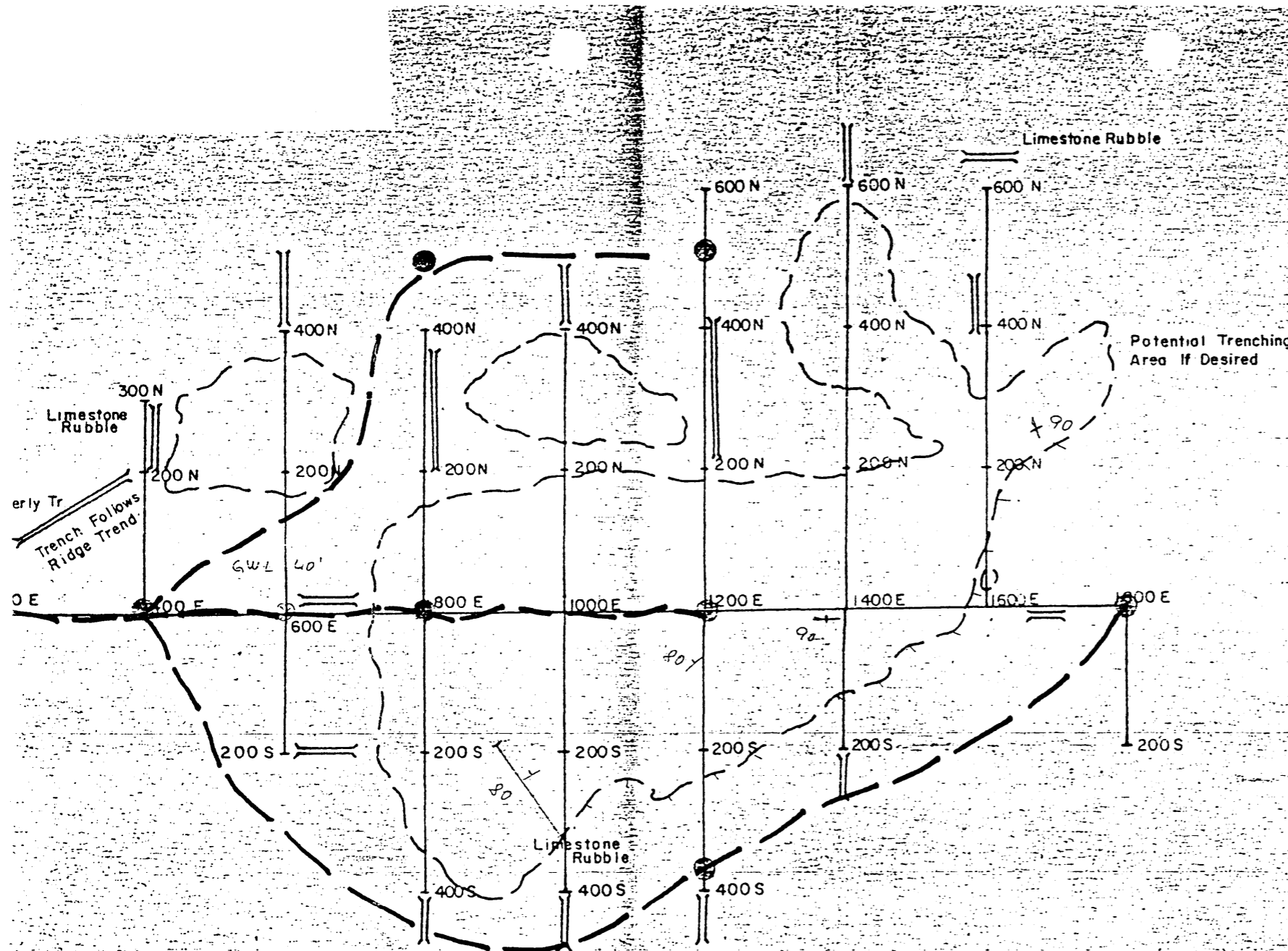




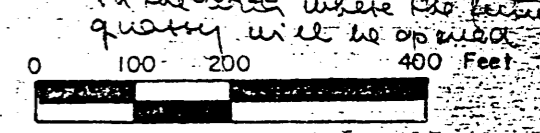
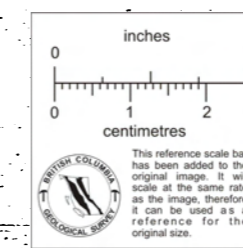
Suggest holding trenching until more complete

VANDERHOOF  
 LIMESTONE  
 (A. SANDOZ)





- Proposed drill road
- Proposed drill holes
- Alternative drill sites
- == Trench Location - Blue Flagging
- - - - - Outcrop Boundary
- + 400N Co-ordinate - Red Flagging
- ⊕ Grid Lines - Orange Flagging



Recommended channel sampling, approximately in the SE corner where the best quality will be observed.

Suggest holding off trenching until holes are complete.

VANDERHOOF  
- LIMESTONE  
(A SANDLEY)



# BLAST NO. 1 SEPT 30 1888 VANDERHOOF

## 6' X 6' PATTERN

CaCO<sub>3</sub> %  
SiO<sub>2</sub> %

⊙ #1-39'	⊙ #3-38'	⊙ #5-38'	⊙ #7-37'	⊙ #7-37'	⊙ #11-37'	⊙ #13-36'
94.54 %	94.71 %	94.09 %	95.89 %	93.65 %	95.4 %	96.7 %
2.57 %	1.34 %	2.48 %	2.63 %	5.55 %	2.98 %	4.36 %

⊙ #2-40'	⊙ #4-39'	⊙ #6-39'	⊙ #8-39'	⊙ #10-38'	⊙ #12-38'	⊙ #14-37'
92.28 %	93.86 %	94.09 %	96.48 %	97.03 %	98.8 %	93.9 %
2.79 %	1.77 %	3.34 %	2.12 %	1.55 %	2.38 %	4.02 %

⊙ #24-40'	⊙ #23-40'	⊙ #22-43'	⊙ #21-42'	⊙ #19-41'	⊙ #15-40'	⊙ #16-40'
94.0 %	95.3 %	101.0 %	99.5 %	98.3 %	94.4 %	97.8 %
4.09 %	2.18 %	1.12 %	2.59 %	1.69 %	4.0 %	3.26 %

⊙ #25-43'  
95.6 %  
1.93 %

⊙ #20-42'	⊙ #18-42'	⊙ #17-41'
98.4 %	96.5 %	96.0 %
1.37 %	2.87 %	2.71 %

- BLAST NO. 1. - 28 BAGS ANFO - 1540 LBS  
 - 11 CASES 2" X 16" - 605 LBS  
 + 10 15 MILSEC DELAYS  
 1 SAFETY FUSE CAP. (1. METER)

986' DRILLED X 1.33 = 1311.38 Solid Cuyos

SCALE 1" = 6'

1311.38 S.M X 4200 LBS ÷ 2700 LBS = 2040 LB SEC. Y

93 J/K

ALBERT  
AC 567-2696  
4 567-4275  
~~699-6379 (1-CASTA-CA-11)~~

93600P

5. Messrs Smedley and Pollock have applied for a quarry lease near Vanderhoof (ag. limestone). The material is in the Cache Creek group and of good quality. 93K?
6. Northrock Industries Ltd. have applied for a quarry lease near Mt. Lemoray (Andrew's area - ag. limestone), presumably in either the Spray River or Banff Formations.

PROGRESS REPORTS:

1. Minequest's grass roots' geochem study South and West of Williams Lake has been kept low-profile, but has developed into a major program, with up to 30 people in the field this summer. Paul McCarthy, Project Geologist, is not giving details, but expects to stake some large areas for protection purposes this fall. Follow-up prospecting, detailed geochem and geophys. are planned for next year.
2. Boss Mountain (Mo) is apparently up for sale. If no buyer can be found, the mine will be stripped, the equipment and mill sold, and the mine mothballed.
3. Tri-Lime (ag. limestone) North of Prince George, is apparently in receivership.
4. Diamond Limestone (ag. limestone) are proposing some stripping and bulk sampling on their Tacheeda Lake property. Gerry Klein did the consulting for the company.
5. Canrock International (quartzite) are struggling into production. At last they seem to have realized that they must have someone with mining experience and geological knowledge on-site permanently.

93J

PROPERTY VISITS:

1. Gibraltar Mines (Cu,Mo). I spent some time going over Gibraltar's current efforts with Garry Bysouth. He is doing some excellent "survival geology" as he calls it. They have outlined some good Cu. grade tonnage in the Gibraltar West area. Mo. is low but there is 0.1oz. Ag/tonne. Tests show this is about 80% recoverable with the copper, and is a definite factor in mining plans. Drilling has also outlined a couple of ore bodies - or rather higher-grade zones within known mineralization - of about 10 million tonnes each, east of the Pollyanna and East pits. These could be highgraded with a good stripping ratio. Drilling on the sawmill body shows it is still open in all directions, with generally good grades. Garry wants to do further drilling on this body, but admits it would pose haul problems if developed. Very little work has been done this year on the Granite Lake body.



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ALBERT  
AK 567 2676  
4 567 - 4275  
699-6379 (KASTA LAKA)

93600P

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