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CHEVRON STANDARD LIMITED

Stan and Fly Claims

Pedley Mountain

Golden M. D., B. C.

TRENCHING

July, 1977

D. P. Taylor, P. Eng.

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CHEVRON STANDARD LIMITED

Stan and Fly Claims

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ADDENDUM

REPORT ON TRENCHING CONDUCTED

ON THE

STAN AND FLY CLAIMS, PEDLEY MOUNTAIN, B. C.

M429

Vancouver, B. C.
August, 1977

D. P. Taylor, P. Eng.

REPORT ON TRENCHING CONDUCTED
ON THE
STAN AND FLY CLAIMS, PEDLEY MOUNTAIN, B. C.
M429

INTRODUCTION

In 1976 during reconnaissance work the barite showing on Pedley Mountain was found to contain sulphides by Chevron personnel. The property was then staked.

In July 1977 the showing was trenched using a rock drill and dynamite and several traverses were run to determine the extent and potential of the mineralization.

OBSERVATIONS

The main barite vein was thoroughly inspected and trenched in three places (Trenches 1 - 4). Mineralization of the barite by galena and sphalerite is extremely patchy and irregular. Systematic sampling of "randomly" exposed rock, that is continuous samples of fresh rock in trench bottoms across the barite vein, failed to produce any areas of significant Pb or Zn grade. Samples of significant grade can only be collected from particular and limited areas.

There are two trends of barite mineralization. The massive barite of the main showing trends east-west and dips 80° to the south. The secondary trend is oriented $330^{\circ}/90^{\circ}$. Minor lead-zinc mineralization can be found

associated with both trends over all exposures. Minor veins were found on the east and north extensions of both systems mapped in 1976 but there is a sharp cut-off at the elevation of the base of the exposed mineralization of the main showing. Below this level no significant barite was noted in any bed-rock.

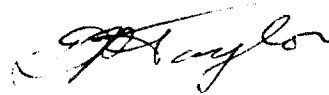
All geochemically anomalous areas of the 1976 survey were inspected and no evidence of bedrock mineralization was noted. These areas have about 50% bed-rock exposure, but both areas (8+50S, 4+00W and 0+50S, 6+00W) are recipients of slide material from the main showing. Check soil samples were taken at the base of slope in the area of 0+50S, 6+00W. These samples failed to support the anomalous results of the 1976 survey, suggesting the anomaly is from transported material and spurious.

To the east the mineralization is eroded out by a deeply incised valley. Good rock exposure allows very definite limits to be placed on the extent of barite mineralization. A very rough guess of tonnage potential of the barite zone would place barite content at about 100,000 to 200,000 tons. The sulphide content would not be a significant economic factor in this tonnage except to contribute undesirable impurities in the barite.

The showing, on prospecting, appears to be much more significant than it is. Zinc oxides are widespread on surface and response to zinc zap spray can be spectacular. Blasting into the rock was necessary to expose the true limitations of sulphide mineralization.

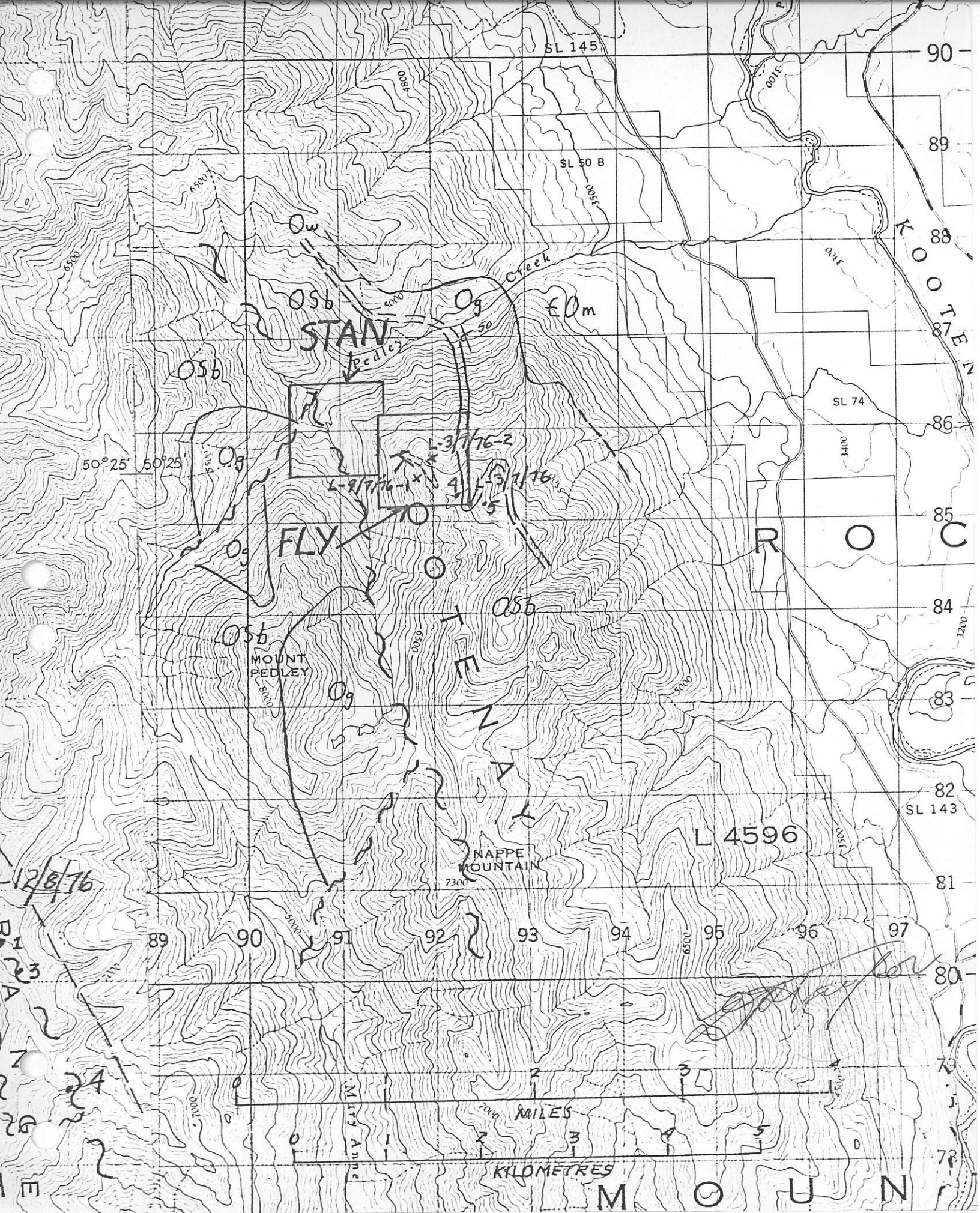
As a result of the 1977 trenching program and observations and conclusions drawn from prospecting it is felt no further exploration resources should be expended on this property and the claims may be allowed to lapse.

Respectfully submitted

A handwritten signature in cursive script, appearing to read "D. P. Taylor".

D. P. Taylor, P.Eng.

Vancouver, B. C.
August, 1977



SL 145

SL 50 B

SL 74

K O T E

R O C

STAN

FLY

MOUNT PEDLEY

NAPPE MOUNTAIN

L 4596

50°25' 50°25'

12/8/76

Mitty Anne

MILES

KILOMETRES

M O U N

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89 90 91 92 93 94 95 96 97

SL 143

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80

79

78

4000

6500

5000

6500

5000

5000

7300

6500

4050

4000

7000

4050

5000

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92

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Os b

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Os b

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Creek

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CERTIFICATION

I, David P. Taylor of 1884 West 7th Avenue, Vancouver, B. C.
do hereby certify that:

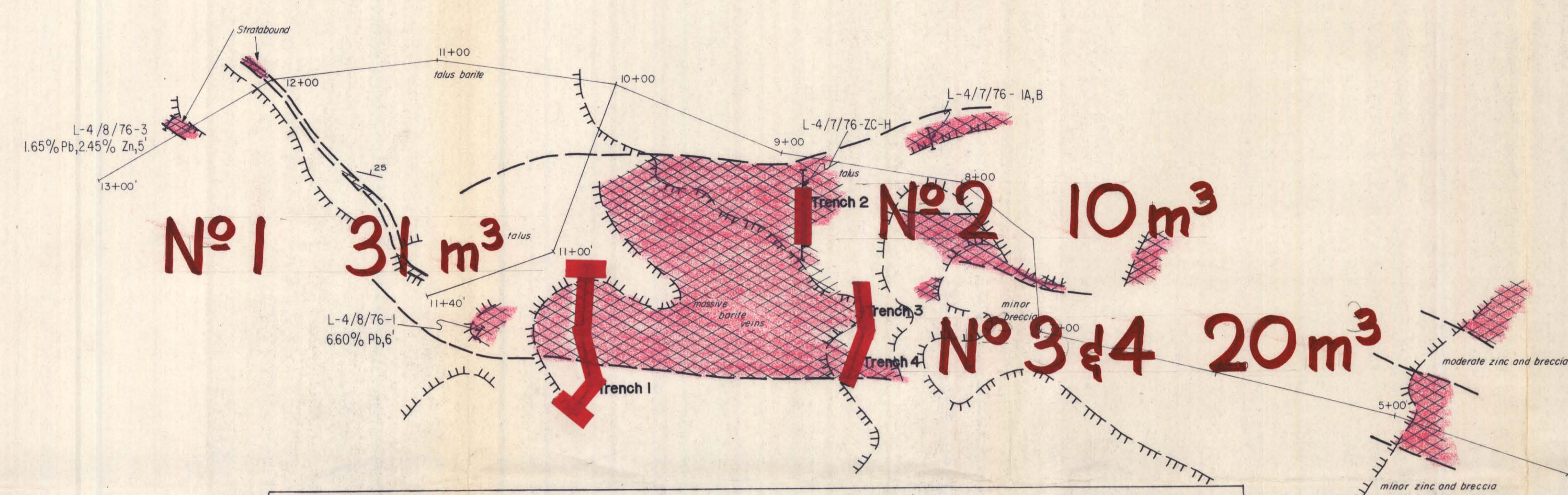
1. I am an exploration geologist residing at the above address.
2. I am a registered member of the Association of Professional Engineers of the Province of British Columbia.
3. I have practiced as an exploration geologist for eight years in B. C., Yukon and Northwest Territories, Saskatchewan, Washington State, and Fiji.
4. The trenching conducted and reported on the maps enclosed was performed under my personal supervision.
5. I have no nor do I expect to acquire any interest in the Stan and Fly claims nor in Chevron Canada Limited or any of its affiliates.



D. P. Taylor, P. Eng.,
25 July 1977

Vancouver, B. C.

PEDLEY MOUNTAIN STAN/FLY CLAIMS



ENLARGEMENT OF TRENCHES
Scale 1:312.5

Sample No	Pb%	Zn%	Ba%
Ped 1	.02	.07	7.71
Ped 2	.42	.06	13.77
Ped 4	.08	.20	17.42
Ped 5	.25	1.04	2.80
Ped 6	2.65	.07	11.44
Ped 7	.08	.02	15.80
Ped 8	.01	.03	2.85
Ped 9	.72	.93	12.78
Ped 10	.01	.03	0.36
Ped 11	<.01	.02	0.15

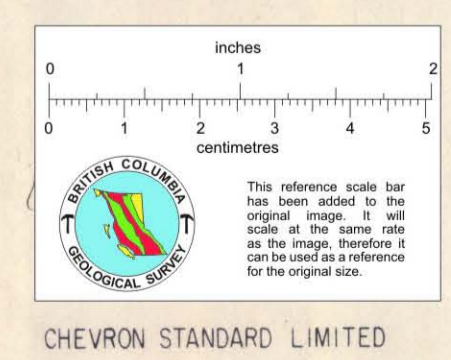
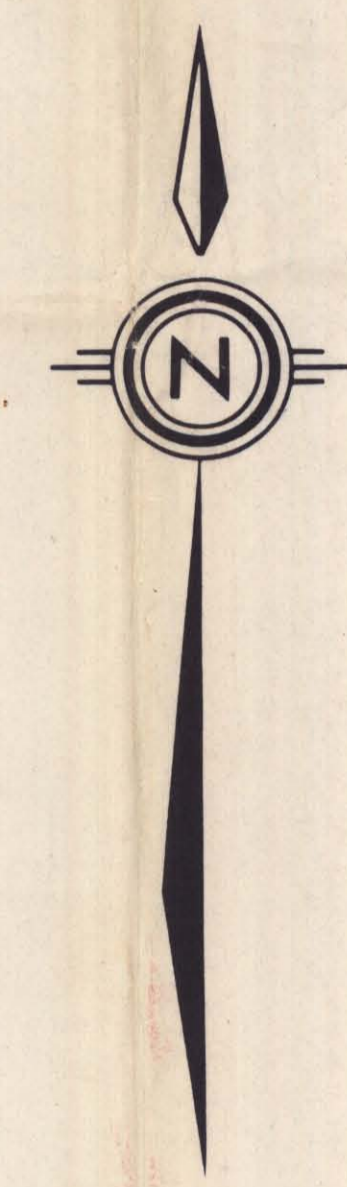
Trench 2
Ped 18 } no sample results
Ped 19 }
Ped 20 }
10 m³ rock removed

Sample No	Pb%	Zn%	Ba%
Ped 12	<.01	.01	0.14
Ped 13	<.01	.68	19.20
Ped 14	.06	.15	56.46
Ped 15	.12	.11	1.67
Ped 16	<.01	.32	15.47
Ped 17	<.01	.10	2.57

20 m³ rock removed
Trench 3 & 4

31 m³ rock removed
Trench 1

- SYMBOLS**
- Cliff
 - Bedding
 - Chert nodules
 - Barite veins
 - Breccia, >2% Pb/Zn possible in fresh rock
 - Rock geochemical channel
 - Grab sample
 - Assay, length of channel
 - Grid point



CHEVRON STANDARD LIMITED

GEOLOGY OF Pb/Zn OCCURRENCE
FLY CLAIM-PEDLEY MOUNTAIN AREA

PROJECT C429

200'

feet 50 100 150 200 feet
metres 25 50 metres

50m