

67 40 b62 BJ 23
65 19 95 RT 24



ASSESSMENT REPORT

ON

ROAD REHABILITATION

AND

SURVEYED GRID LINES



BRYAN, PEDRO, ANN, AND WINE CLAIMS

105 - H - 8

090691



87 28
47 79

This report has been examined by the Geological Evaluation Unit and is recommended to the Commissioner to be considered as representation work in the amount of

\$ 15,600.00

Resident Geologist or
Resident Mining Engineer

Considered as representation work under
Section 53 (4) Yukon Quartz Mining Act.

B. F. BAXTER
Supervising Mining Recorder

Commissioner of Yukon Territory

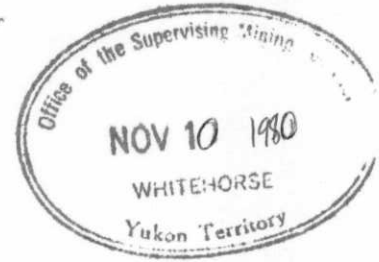
BRYAN, PEDRO, ANN, AND WINE CLAIMS

105 - H - 8

100001

FROM Mining Recorder at WATSON LAKE

TO Supervising Mining Recorder at Whitehorse, Y.T.



FOR ACTION ARE:

NEW APPL'N for PLACER LEASE to PROSPECT: Name:

RENEWAL APPL'N PLACER LEASE to PROSPECT: Name:

Lease No

AFFIDAVIT of EXPENDITURE on PLACER LEASE. Name:

Lease No

ASSIGNMENT of PLACER LEASE No.

From:

To:

GROUPING APPL'N UNDER SEC. 52(2) PLACER MINING ACT.

Owner:

DIAMOND DRILL LOGS.

Claims:

Claim sheet no.

QUARTZ ASSESSMENT REPORT

Claims: ANN 4, 6-9, 11, 14, 19, 25

Claim sheet no. 105-H-8.

WINE 1, 2, 4
BRYAN 1-16, 25-36
PEDRO 1, 3, 5, 6.

Type of report:

Submitted by:

Road work &
Grid Survey

Shell Canada Resources Ltd.

Cls. work performed on:

\$ Req. for ren. application

ANN 4, 6-9, 11, 14, 19, 25

\$15,600⁰⁰

WINE 1, 2, 4

BRYAN 1-16, 25-36

PEDRO 1, 3, 5, 6

Signature

REPLY ACTION

Date Ret.

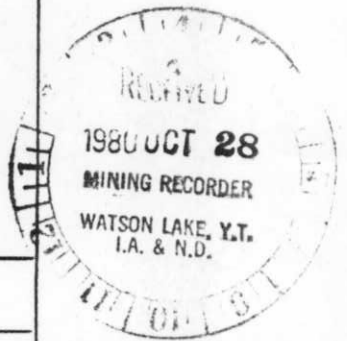
Signature



Department of Indian Affairs and Northern Development
YUKON QUARTZ MINING ACT

FORM "C" - APPLICATION FOR A CERTIFICATE OF WORK

(This form required in duplicate with sketch showing location of work.)



I (Name)	William A. MacLeod	Occupation	Geologist
(Postal Address)	111 Parkglen Cr. S.E., Calgary, Alberta		

OFFICE DATE STAMP

MAKE OATH AND SAY THAT :-

1. I am the owner, or agent of the owner, of the mineral claim(s) to which reference is made herein.

2. I have done, or caused to be done, work on the following mineral claim(s):
(Here list claims on which work was actually done by number and name)

Ann 4, 6, 7, 8, 9, 11 and 25

situated at Approx. 22 miles N.E. of Mt. Billings Claim Sheet No. 105-H-8

in the Watson Lake Mining District, to the value of at least \$8,558.99.

dollars, since the 1st day of June 19 80,

to represent the following mineral claims under the authority of Grouping Certificate No. _____

(Here list claims to be renewed in numerical order, by grant number and claim name, showing renewal period requested.)

88548	Ann 4 - 5 years	88608	Ann 14 - 5 years
88600	Ann 6 - 5 years	88545	Ann 19 - 5 years
88601	Ann 7 - 5 years	88751	Ann 25 - 5 years
88602	Ann 8 - 5 years	88611	Wine 1 - 5 years
88603	Ann 9 - 5 years	88612	Wine 2 - 5 years
88605	Ann 11 - 5 years	88614	Wine 4 - 5 years

3. The following is a detailed statement of such work: (Set out full particulars of the work done indicating dates work commenced and ended in the twelve months in which such work is required to be done as shown by Section 53)

See Attached Report.

Sworn before me at Calgary

this 28th day of October 19 80

Abon Walker
Notary Public
for Alberta

William A. MacLeod
Applicant.

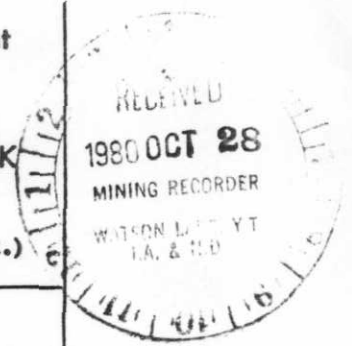


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2. I have done, or caused to be done, work on the following mineral claim(s):
(Here list claims on which work was actually done by number and name)

Bryan 4, 5, 8, 27, 29 & 31
Bryan 16, Pedro 2

situated at Approx. 22 miles N.E. of Mt. Billings Claim Sheet No. 105-H-8

in the Watson Lake Mining District, to the value of at least \$4,866.22

dollars, since the 1st day of June 19 80

to represent the following mineral claims under the authority of Grouping Certificate No. _____
(Here list claims to be renewed in numerical order, by grant number and claim name, showing renewal period requested.)

88533	Bryan 2 - 3 years	88857	Bryan 27 - 3 years
88535	Bryan 4 - 3 years	88858	Bryan 28 - 3 years
88536	Bryan 5 - 3 years	88859	Bryan 29 - 3 years
88539	Bryan 8 - 3 years	88860	Bryan 30 - 3 years
88623	Bryan 13 - 3 years	88861	Bryan 31 - 3 years
88624	Bryan 14 - 3 years	88862	Bryan 32 - 3 years
88625	Bryan 15 - 3 years	88547	Pedro 12 ¹² - 3 years
88626	Bryan 16 - 3 years	88541	Pedro 3 - 3 years

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See attached report.

Sworn before me at Calgary
this 28th day of October 19 80

A. [Signature]
Notary Public for Alberta

[Signature]
Applicant.

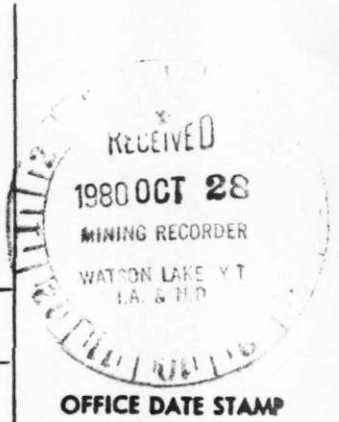


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(Postal Address)	111 Parkglen Cr. S.E., Calgary, Alberta		

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1. I am the owner, or agent of the owner, of the mineral claim(s) to which reference is made herein.

2. I have done, or caused to be done, work on the following mineral claim(s):
(Here list claims on which work was actually done by number and name)

Bryan 6, 7, 33, 34

situated at Approximately 22 miles N.E. of Mt. Billings Claim Sheet No. 105-H-8
 In the Watson Lake Mining District, to the value of at least \$5,031.76
 dollars, since the 1st day of June 19 80

to represent the following mineral claims under the authority of Grouping Certificate No. _____
 (Here list claims to be renewed in numerical order, by grant number and claim name, showing renewal period requested.)

88531	Bryan 1 - 3 years	88749	Bryan 25 - 3 years
88534	Bryan 3 - 3 years	88750	Bryan 26 - 3 years
88537	Bryan 6 - 3 years	88863	Bryan 33 - 3 years
88538	Bryan 7 - 3 years	88864	Bryan 34 - 3 years
88540	Bryan 9 - 3 years	88865	Bryan 35 - 3 years
88552	Bryan 10 - 3 years	88866	Bryan 36 - 3 years
88533	Bryan 11 - 3 years	88549	Pedro 5 - 3 years
88534	Bryan 12 - 3 years	88550	Pedro 6 - 3 years

3. The following is a detailed statement of such works (Set out full particulars of the work done indicating dates work commenced and ended in the twelve months in which such work is required to be done as shown by Section 53)

See attached report.

Sworn before me at Calgary
 this 28th day of October 19 80

[Signature]
 Notary Public for Alberta

[Signature]
 Applicant.

INTRODUCTION

The Bryan, Pedro, Wine, and Ann claims, located on claim map 105-H-8, were further evaluated in 1980. The work was carried out by Shell Canada Resources Ltd. by right of agreement with New Jersey Zinc Exploration Company (Canada) Ltd. The physical work was conducted by both contracted firms and Shell personnel and was supervised by W. MacLeod, Sr. Geologist.

Line cutting and transit surveying of two grids comprising a total of 17.9 linear kilometers as well as bulldozing 1.5 kilometers of access road will be described and the costs outlined within this report.

The three accompanying maps detail the work carried out.

ROAD REHABILITATION

The access road from Mile 58 on the Cantung Highway to the claim groups was rehabilitated in June, 1980. The road, allowed to deteriorate through non-use since 1973, was bulldozed in order to remove slide material and fill wash outs. The costs incurred by Shell in repairing a 1.5 kilometer portion of the road passing through the Bryan 5, Bryan 16, and Pedro ~~Z~~ claims are to be submitted as work credits. The cost of the work carried out by Grant Stewart Construction Ltd. of Watson Lake is detailed in a following section.

COST STATEMENT (Road Rehabilitation)

The costs incurred in bulldozing sections of the access road follow:

A.	<u>Contract_Services - Bulldozing_</u>	
	- Grant Stewart Construction	
	4.5 hr. @ \$99.76	\$ 448.92
	(includes mob and demob)	
B.	<u>Camp_Costs_</u>	
	- Operator and helper (June 24)	
	2 men @ 0.5 day @ \$30.00	\$ 30.00
C.	<u>Fuel_</u>	
	- Diesel	
	4.5 hr @ 7 gal/hr @ \$1.52	\$ 47.88
	- Mobilization and barrel rental	\$ <u>16.56</u>
	Sub-Total:	\$ 543.36
D.	<u>Overhead_(10% of above)</u>	\$ <u>54.34</u>
	<u>TOTAL (Road Rehabilitation)</u>	<u>\$597.70</u>

SURVEYED GRIDS

Two grids, one each on the Blackjack and Fir Tree showings (the Ann/Wine claims and Bryan/Pedro claims respectively), were established to provide control for subsequent exploration. The grids are located in steep topography above tree line and are marked by wooden lath chainage pickets. Accurate planimetric and elevation control was established by surveying several points on each grid and tying the survey into known Geodetic control points.

The grid lines were picketed by Shell personnel and the survey work carried out by surveyors contracted from Sheltech Ltd. - a Shell Canada affiliate company. The surveyors were assisted by Shell personnel.

The survey employed Electronic Distance Measuring (EDM) equipment located on peaks adjacent to the Blackjack and Fir Tree areas. The tripod mounted EDM equipment was sighted from the instrument to the survey point and the distance read from a digital electronic readout. Angular measurements along with the distance are used to compute the location and elevation of each of the survey points. As the instrument locations were established by surveying in from known Geodetic control points, each of the grids are tied to the Universal Transverse Mercator grid used on National Topographic maps.

The nature of the survey method employed necessitated helicopter support and constant ground to ground radio communication.

COST STATEMENT (Surveyed Grids)

The following are direct costs incurred by Shell in performing the work described above:

A. Wages and Benefits - Shell Personnel

R. Giles (Grid Picketting)

July 1, 3, 16, 20, 21, 8.5 days @ \$98.17 = \$ 834.44
August 2, 12, 14, 16.

B. Yamamura (Grid Picketting)

July 16, 17, 18, 20, 21, 17.5 days @ \$56.40 = \$ 987.00
24 - 28
August 1 - 3, 8, 12 - 14,
& 16.

B. Jago (Grid Picketting)

August 12 - 14 3.0 days @ \$82.67 - \$ 248.01

T. Setterfield (Grid Picketting)

August 12 - 14 3.0 days @ \$82.67 = \$ 248.01

B. Yamamura (Surveyor's Asst.)

June 31 8.0 days @ \$56.40 = \$ 451.20
July 1 - 4
August 28 - 30

P. Selominski (Surveyor's Asst.)

August 28 - 30 3.0 days @ \$80.00 = \$ 240.00

TOTAL:

\$3,008.66

B. Camp_Costs_

(Tent camp located on property - food and supplies purchased from Campground Services, Watson Lake, Yukon)

Shell Personnel

- R. Giles	As Above	8.5 days @ \$30.00 =	\$ 255.00
- B. Yamamura	As Above	25.5 days @ \$30.00 =	\$ 765.00
- B. Jago	As Above	3.0 days @ \$30.00 =	\$ 90.00
- T. Setterfield	As Above	3.0 days @ \$30.00 =	\$ 90.00
- P. Selominski	As Above	3.0 days @ \$30.00 =	\$ 90.00

Sheltech Personnel

- T. Melton (Surveyor)		5.0 days @ \$30.00 =	\$ 150.00
June 31, July 1 - 4			
- H. Falconberg (Surveyor)		3.0 days @ \$30.00 =	\$ 90.00
August 28 - 30			

Frontier Helicopters

- C. Voth, M. Biossoneult (Pilots)			
- (Survey Support)			
June 31		8.0 days @ \$30.00 =	\$ 240.00
July 1 - 4			
August 28 - 30			
- (Grid Establishment Support)			
July 16 - 18, 20, 21, 24 - 28		18 days @ \$30.00 =	\$ 540.00
August 1 - 3, 8, 12 - 14, 16			

TOTAL: \$2,310.00

C. Helicopter_Support_

(Dates as above) 29.2 hr. @ \$220.00 = \$6,424.00

D. Fuel_

- Helicopter fuel (100/130 grade)
29.2 hr. @ 17 gal/hr @ (\$1.63 + 0.10) = \$ 858.77
(Yukon Aviation Products)

- Mobilization (Watson Lake - Mile 58) = \$ 202.43
(Grant Stewart Construction)

- Barrel Rental 1 mth. = \$ 33.00
(Yukon Aviation Products)

E. Sheltech_Surveying_

- Direct Billing \$7,000.00

SUB-TOTAL: \$19,836.86

F. Overhead_

- Report preparation, maps, misc. supplies -
(10% of above) = \$1,983.69

SURVEYED GRIDS TOTAL COSTS

\$21,820.53

The total expenditure of \$21,820.53 to establish 17,897 kilometers of grid results in a unit cost of \$1,219.23/kilometer.

Work credits are allocated to the various claims as a function of the length of grid line located within the claim area at the unit cost.

GROUPING

Persuant to Section 52 of the Yukon Quartz Mining Act, the above detailed work credits are to be applied to three claim groups.

- A. Ann 4, 6 - 9, 11, 14, 19, & 25 and Wine 1, 2, & 4

A total of 7,020 meters of grid line are located within these claims allowing a work credit of \$8,558.99.


- B. Bryan 1, 3, 6, 7, 9 - 12, 25, 26, & 33 - 36 and
Pedro 5 & 6

A total of 4,127 meters of grid line is located within the area of these claims resulting in a work credit of \$5,031.76.

- C. Bryan 2, 4, 5, 8, 13 - 16, & 27 - 32 and
Pedro 2 & 3

A total of 3,501 meters of lines and 1.5 kilometers of rehabilitated access road located within these claims result in a work credit of \$4,866.22.

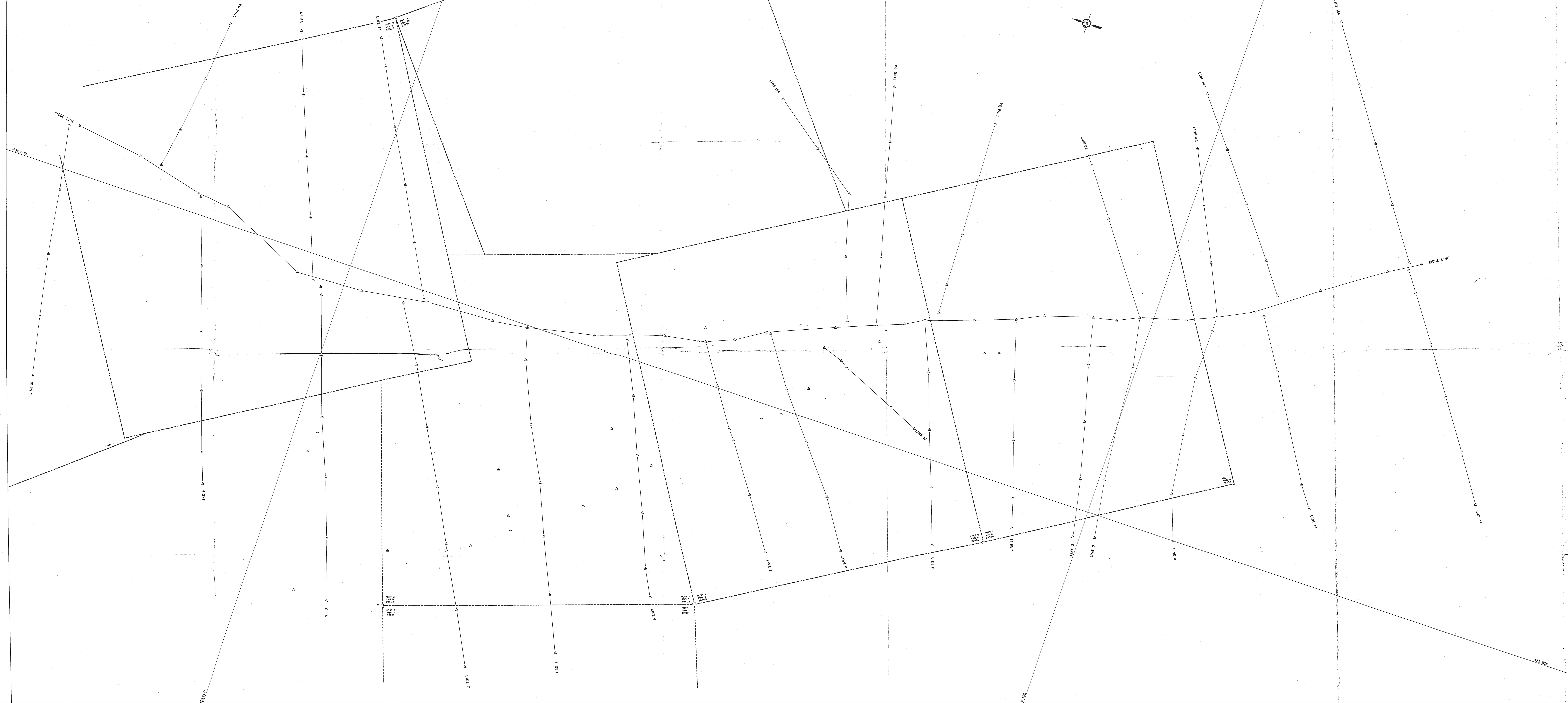
Respectfully submitted by,

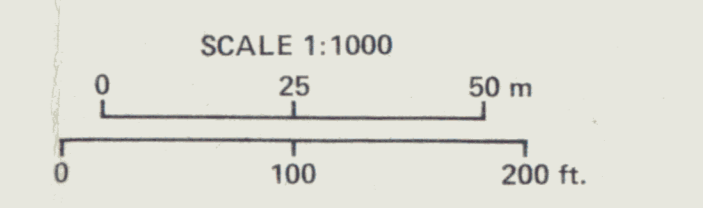


W. A. MacLeod

Senior Geologist

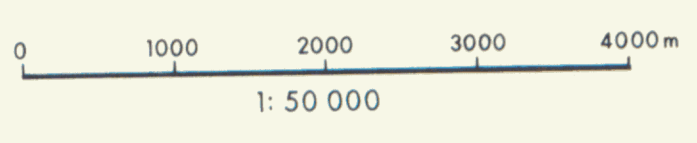
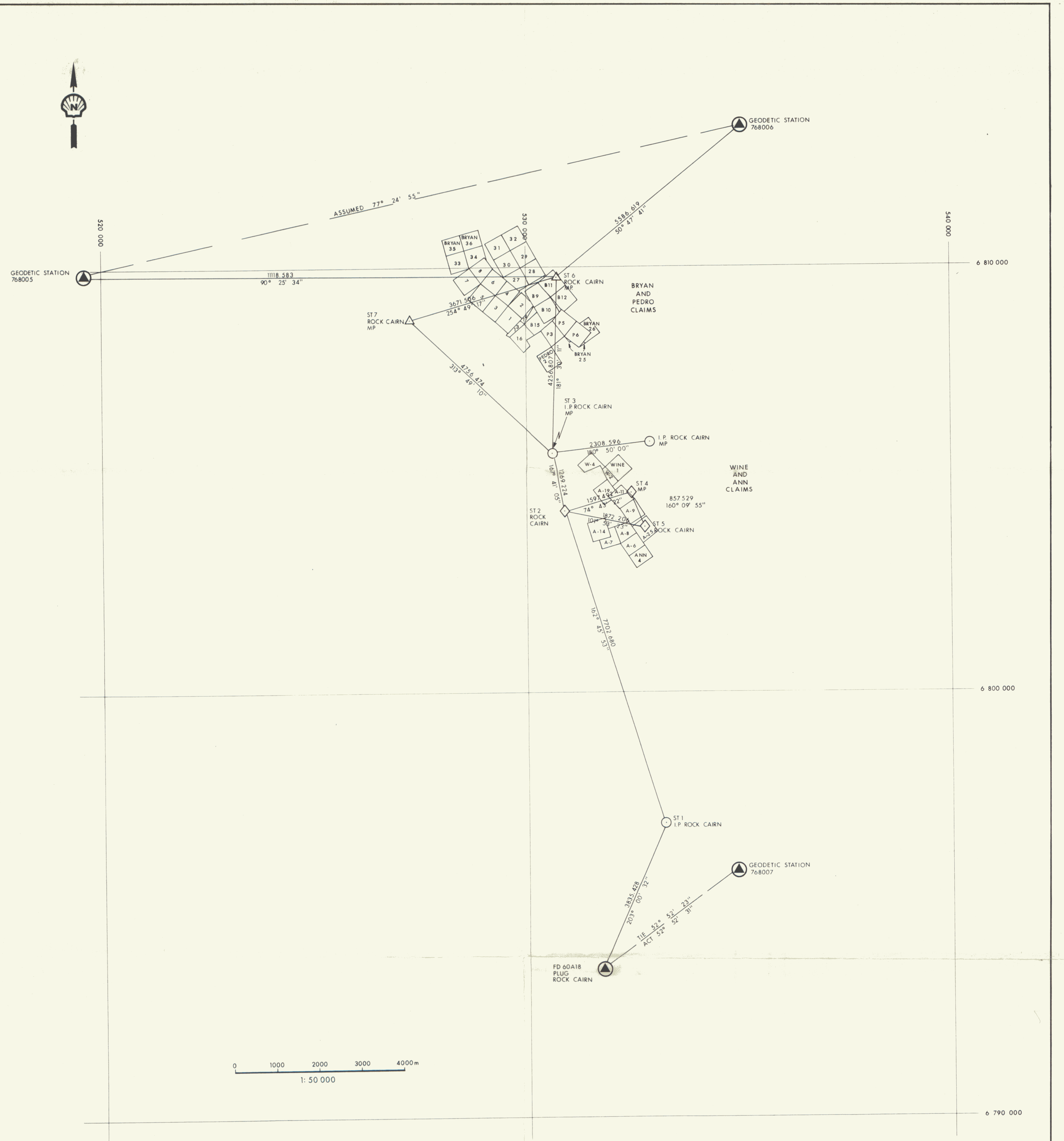
Shell Canada Resources Limited





SHELL CANADA RESOURCES LIMITED
EXPLORATION - MINERALS

3098 A
NORQUEST - YUKON
FIR TREE



TRAVERSE TABLE

STATION	ANGLE	BEARING	DISTANCE	NORTHING	EASTING	ELEVATION
788 006		(ASSUMED) 77° 24' 55"				
788 005	-346° 58' 21"	90° 25' 34"	11 118.583	6 809 873.595	519 684.565	1791.115
ST 6	-88° 55' 23"	181° 30' 11"	4 256.807	6 809 790.506	530 802.841	2062.33
ST 3	-193° 48' 08"	167° 41' 05"	1268.224	6 805 535.564	530 691.184	2009.87
ST 2	-184° 55' 12"	162° 45' 53"	7702.680	6 804 295.546	530 961.897	2025.63
ST 1	-139° 45' 21"	203° 00' 32"	3835.428	6 796 938.746	533 244.172	1912.10
60A 18	-330° 08' 09"	52° 52' 23"		6 793 408.448	531 745.003	1817.10
768 007	ACTUAL	52° 52' 31"				ACT 1816.94
		-8"		-1.80 m	+ 1.201	+ .16 m
CLOSURE 1:23 200						
BS ST 2		167° 41' 05"				
ST 3				6 805 535.564	530 691.184	
ST 7	+146° 08' 05"	313° 49' 10"	4756.474	6 808 828.090	527 259.268	1683.60
CAMP	+273° 08' 55"	80° 50' 00"	2308.596	6 805 903.339	532 970.297	1621.72
ST 4	+306° 38' 50"	114° 19' 55"	1988.340	6 804 716.323	532 502.907	1996.08
ST 5	+320° 01' 30"	127° 42' 35"	2657.984	6 803 909.778	532 793.968	1926.89

A. J. Milton
Certified Correct



SHELL CANADA RESOURCES LIMITED
MINERALS
NORQUEST PROPERTY, YUKON TERRITORY
PLAN OF
SURVEY CONTROL AND TRENCH LOCATIONS

090691

LAT. 61° 25' LONG. 128° 30'

LEGEND

- NOTE: 1. COORDINATES ARE U.T.M. ALL DISTANCES SHOWN ARE GRID DISTANCES. A COMBINED FACTOR OF .9993 WAS USED FOR AREA. BEARINGS ARE GRID AND ARE REFERRED TO 129° W.
2. ELEVATIONS ARE TRIG. DATUM FROM STATION 768005 ELEVATION 1926.693. ALL ELEVATIONS TO TOP OF STATION.
3. ROCK CAIRNS BUILT AT ALL STATIONS.
4.
5.
- ▲ FOUND GEODETTIC STATION, BRONZE TABLET OR PLUG
 - PLANTED IRON POST .75 METER LONG.
 - ◇ PLANTED 5/8" REBAR .50 METER LONG
 - △ 12" IRON SPIKE
 - x IRON SPIKE AT TRENCH LOCATION
 - MP 1.82 m LONG ORANGE FLORESCENT MARKER POST