

GEOCHEMICAL, GEOLOGICAL AND GEOPHYSICAL
REPORT ON THE BURNT BASIN PROJECT

GREENWOOD MINING DIVISION,
CHRISTINA LAKE AREA, BRITISH COLUMBIA

LOCATION:

N.T.S.: 82/E-1
LATITUDE: 49° 12' N
LONGITUDE: 118° 08' W

CLAIMS:

Ajax Fr., Arlington, Ennismore, Motherlode, Motherlode Fr.,
Daly, Burnt Basin, Aldeen, Kittie, Jennie Lind Fr.,
Tunnel, Eva Bell, Golden Age, Halifax, Hastings.

REPORT FOR:

WEST RIM RESOURCES INC.
307 - 474 HOWE STREET,
VANCOUVER, B.C. V6C 2B3

PREPARED BY:

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SEPTEMBER 22, 1986

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SUMMARY

The Burnt Basin Property consisting of 15 converted crown grants covering about 80 hectares is situated in the Greenwood Mining Division near Christina Lake, British Columbia. The southern Trans-Provincial, highway 3 and the Canadian Pacific Railway pass within a kilometer of the property. The present road access is good but construction of drill roads will be required.

The property covers reverted crown grants which have several known showings including the Motherlode, Eva Bell, Halifax, Ennismore, Aldeen and Kittie. Production records are incomplete but B.C. Department of Mine records show production from the Burnt Basin claim of 5,410 tons yielding 34 oz of gold, 14,746 oz of silver, 420,031 pounds of lead and 562,375 lbs of zinc. A total of 310 tons mined from the Moly Gibson is reported to have yielded 331 oz of gold and 140 oz of silver. Assays of up to 0.75 oz of platinum per ton have been reported from the Motherlode and a 2 meter chip sample representing a 35 cm true width assayed 1.719 oz Au/ton and 1.29 oz Ag/ton.

The initial geological, geochemical and geophysical surveys conducted on the Burnt Basin Property for West Rim Resources Inc. have defined several anomalous targets that require follow-up. The geochemical surveys conducted on the Halifax and Eva Bell should be extended over L1753 and intermediate (25 meter) samples collected on the Eva Bell before trenching and drilling targets are selected.

High grade values obtained from the southern edge of a large gold and silver anomaly on the Motherlode, justify further drilling and trenching. Further prospecting is required to explain several anomalous gold values obtained from the Aldeen and Kittie claim areas.

A staged exploration program is outline for further testing of anomalous areas on the Burnt Basin Property. The recommended Stage I program of follow-up geochemical and geological testing, trenching and drilling is estimated to cost \$90,000. Stage II and III diamond drill programs are contingent on the previous stages.

INTRODUCTION

The Burnt Basin Property consisting of 15 reverted crown grants totaling 196.8 acres is situated in the Greenwood Mining Division about thirteen kilometers northeast of Christina Lake, British Columbia. Access is via Highway 3 from Grand Forks or Castlegar with a number of useable mining roads providing access to most of the claim area.

The writer was retained by the management of West Rim Resources Inc. to review the geological setting of the Burnt Basin Property in order to recommend an appropriate exploration program for testing the base and precious metal potential of the property. The writer has examined showings on the property for an exploration syndicate in 1971 and for the British Columbia Government in 1976. This report summarizes the exploration program recommended by the writer (Christopher, 1986) and conducted between June 15th and July 30th, 1986. The writer conducted a field examination on June 30, 1986 in order to field check mineral showings and to provide consultation on the field program. Mr. W.A. Howell conducted field mapping and sampling of several known showings within the property area.

This report provides a summary of field observations and data which supports a recommended Staged exploration program for the Burnt Basin Property.

LOCATION AND ACCESS (Figures 1 & 2)

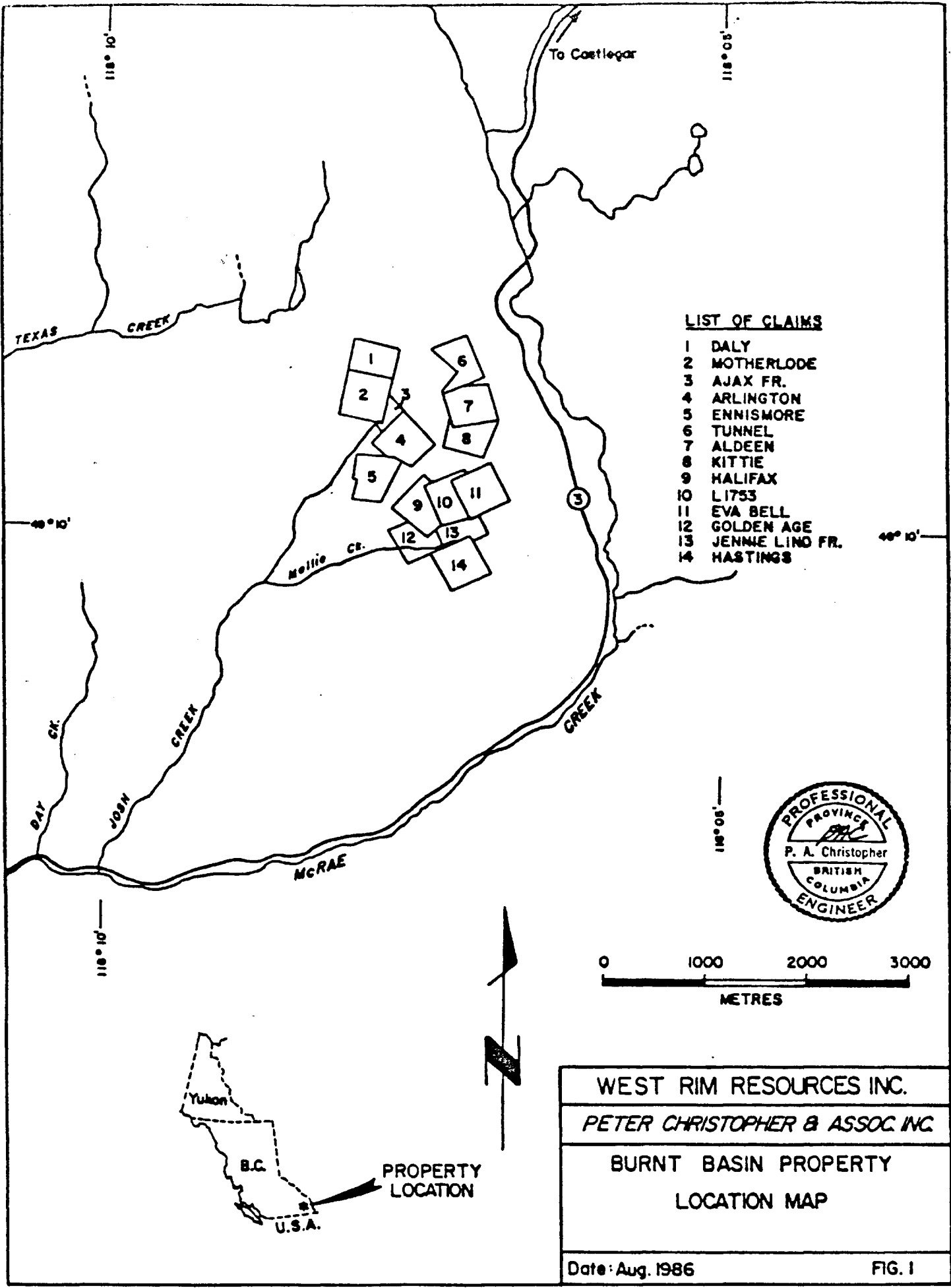
The Burnt Basin Property of West Rim Resources Inc. is situated about 13 kilometers (8 miles) northeast of Christina Lake and about 25 kilometers (15.5 miles) west of Trail, British Columbia. The property is situated in the Greenwood Mining Division with records kept in Grand Forks, British Columbia about a 45 minute drive from the property. The claims lie between $49^{\circ} 09' 40''$ and $49^{\circ} 11' 15''$ north latitude and $118^{\circ} 06' 50''$ and $118^{\circ} 08' 10''$ west longitude.

Access from Grand Forks or Castlegar, British Columbia is via highway 3, the southern Trans-Provincial about 54 kilometers from Grand Forks and 60 kilometers from Castlegar. A network of logging and mining roads provides access to most of the claim area but drill access will require new roads and site clearing.

TOPOGRAPHY AND VEGETATION

The Burnt Basin Property is located in the Christina Range of the Monashee Mountains. The property has moderate to strong relief of about 287 meters (940 feet) with elevations ranging from about 1237 meters (4060 feet) in Mollie Creek to about 1524 meters (5000 feet).

The Burnt Basin Property contains moderate size second growth forest with some stands of mature timber. The forest cover consists of a mix of fir, spruce and pine with adequate timber for use in an underground operation.



LIST OF CLAIMS

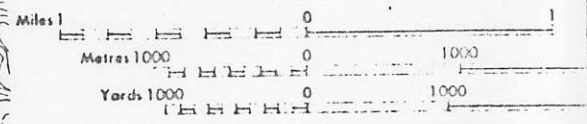
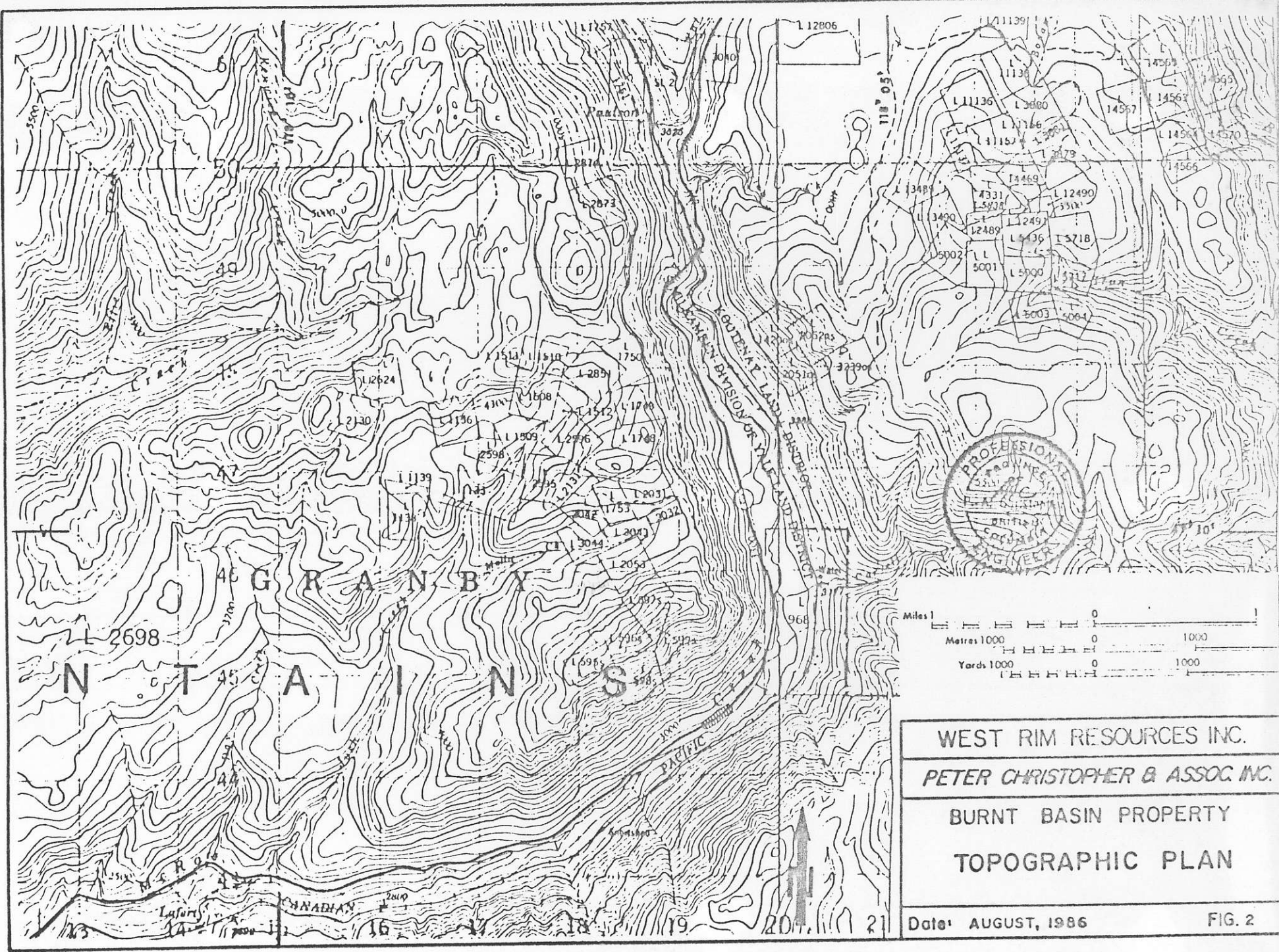
- 1 DALY
- 2 MOTHERLODE
- 3 AJAX FR.
- 4 ARLINGTON
- 5 ENNISMORE
- 6 TUNNEL
- 7 ALDEEN
- 8 KITTIE
- 9 HALIFAX
- 10 L1753
- 11 EVA BELL
- 12 GOLDEN AGE
- 13 JENNIE LIND FR.
- 14 HASTINGS



WEST RIM RESOURCES INC.
 PETER CHRISTOPHER & ASSOC. INC.
 BURNT BASIN PROPERTY
 LOCATION MAP

Date: Aug. 1986

FIG. 1



WEST RIM RESOURCES INC.
PETER CHRISTOPHER & ASSOC. INC.
BURNT BASIN PROPERTY
TOPOGRAPHIC PLAN

Date: AUGUST, 1986

FIG. 2

PROPERTY DEFINITION (FIGURE 1)

The Burnt Basin Property consists of 15 reverted crown grants that have been converted to mineral leases. The mineral leases were acquired by prospector John Carson of Grand Forks and optioned to West Rim Resources Inc. Claim records indicate that the property covers about 196.80 acres (about 80 hectares). The claim locations shown on Figure 1 were obtained from the government 1:50,000 scale topographic map (Figure 2) with location on the government map compiled from legal surveys. Table 1 summarizes pertinent claim data.

Table I. Pertinent Claim Data.

<u>Name</u>	<u>Lot #</u>	<u>Record #</u>	<u>Expiry</u>	<u>Month Recorded</u>	<u>Acres</u>
Hastings	2053	4213	1987	11	
Arlington	2596	4268	1988	3(March 8/85)	18.06
Ennismore	2595	4269	1988	3 "	16.60
Motherlode	1508	4270		"	20.84
Motherlode	1511	4271	1988	3 "	1.65
Fr.				"	
Ajax Fr.	1512	4270	1988	3 "	3.84
Daly	1510	4271			14.75
Burnt Basin	1136	4272	1988	3 "	20.89
Aldeen	1749	4273	1988	3 "	16.06
Kittie	1748	4274	1988	3 "	14.01
Jennie Lind	3043	4275	1988	3 "	8.09
Fr.					
Tunnel	1750	4276	1988	3 "	14.72
Eva Bell	2031	4277	1988	3 "	20.90
Golden Age	3044	4445	1986	9(Sept. 26/85)	12.76
Halifax	3042	4446	1986	9 "	13.63

HISTORY

Burnt Basin is an old camp discovered before the beginning of the century when the neighboring camps, Rossland, Phoenix and Greenwood were flourishing. A number of prospects have been worked within the claim area which appears to cover British Columbia Government mineral inventory showings 082E SE 081-(Mother Lode (L1508)), 082-(Molly Gibson (L595)), 098-Manitou (L1753)), 099-(Halifax (L3042)), 100-(Arlington (L2596)), 102-(Burnt Basin (L1136)), and 103-(Kittie (L1748)), Aldeen (1749), Tunnel (L1750)).

The lack of success and inability to interest any of the large aggressive mining companies in the early days was mainly due to the high zinc content of the ores which was at the time penalized by the smelting companies. Another reason for the failure to develop a mine was the desertion of the camp by most of the prospectors to join in the gold rush to the Yukon in 1898 and succeeding years.

Since those years many changes have occurred to make this an unusually favourable prospecting area. The improved transportation facilities, the close proximity in Trail of a large smelting complex which is particularly well equipped to treat zinc ores such as those in Burnt Basin, and the orientation of many exploration companies to precious metals has renewed interest in the camp.

Since 1965 several operators have attempted to explore the known showings, and some shipments have been made, most notably from the Eva Bell claim. A chronological summary of Companies recently working on the claims follows:

- 1965 - Christina Lake Mines - geological, geochemical and magnetometer surveys were completed.
Some diamond drilling - Hole 1 32-36'
- 1968 - Dalex Mines - An induced polarization survey and considerable stripping and trenching on L1136 and L1509. Geochemical survey, trenching and stripping and seven holes totaling 2,142 feet.
- 1971 - Burnt Basin Mines completed geological mapping, magnetometer survey, trenching and stripping, drilled five holes totaling 661 feet and made a 47 ton shipment to Trail reported to grade 6 oz Ag/ton, 16% Zn and 8% Pb.
- 1972-75 - Donna Mines, Reports by E.O. Chisholm and H. Shear, line cutting and magnetometer surveys on the Eva Bell and Halifax, and 5 short diamond drill holes on the Eva Bell, cat trenching and percussion drilling. Shipped a total of 1488 tons to Trail, H.B. Mine, Re-Mac Mines and Kam-Kotia.
- 1975-76 - Alvija Mines Ltd., - produced 1750 tons and shipped 535 tons yielding 3.1 oz Ag./ton, 4.45% Pb, 6.75% Zn with 21.5% magnetite to the H.B. Mine at Salmo.
- 1977 - Poulson Mines Ltd. completed 1500 feet of diamond drilling on the Halifax claim and published intercepts of up to 6' grading 12.4 oz Ag/ton, 19.7% lead and 14.9% zinc.
- 1978 - Oliver Resources completed a Vector Pulse E.M. Survey, I.P Survey and Magnetometer Survey with about 10km completed.

Production records for the Burnt Basin Property are incomplete but the British Columbia government mineral inventory reports production of 5,410 tons yielding 34 oz Au, 14,746 oz Ag, 420,031 pounds of lead and 562,375 pounds of zinc from the Burnt Basin claim and 310 tons yielding 331 oz Au and 140 oz Ag from the Moly Gibson claim.

WORK PROGRAM

The 1986 work program was conducted between June 15th and July 30th, 1986 with a property grid constructed for locating geochemical samples, geophysical readings and mapping showings. Base lines and tie lines were cut and cross lines flagged with stations established at 25 meter intervals. A total of 5.05 line kilometers were cut and

cleared for base and tie lines with an additional 18.4 line kilometers chained and stations marked at 25 meter intervals.

Soil samples were collected at 25 meter intervals with a total of about 860 soil samples collected. Samples were dried and shipped to Min En Laboratories in North Vancouver for Au, Ag, Pb, Zn and Cu analyses with the initial 59 samples analyzed for platinum and palladium. A total of 54 rock samples were collected with 51 analyzed at Min En Laboratories for Cu, Pb, An, Ag and Au with 16 of these also assayed for platinum and palladium. Samples 80957 to 80959 were collected by the writer and submitted to Chemex Labs Ltd. in North Vancouver for Pb, Zn, Ag, and Gold assay.

Detailed grids were placed over the Motherlode and Eva Bell areas with stations marked at 25 meters on lines spaced at 50 meters. A total of about 3.1 kilometers was surveyed for magnetics and VLF-EM with results summarized on Figures 11 and 12 and detailed VLF-EM profiles presented in Appendix B.

Several of the better known showings on the property were mapped at 1:2,000 scale by W.A. Howell B.Sc. with Figures 4 through 10 showing detailed maps and sketches of the Motherlode, Upper Eva Bell, Halifax Pit, Tunnel or Aldeen and Ennismore workings.

This report summarizes the results of the geological, geochemical and geophysical surveys conducted on the Burnt Basin Property and provides recommendations for further exploration of the property.

GENERAL GEOLOGY (Figure 3)

The Burnt Basin Property is situated in the Omineca Tectonic Belt of the Canadian Cordillera. The Regional Geology of the area is shown on map 6-1957 by H.W. Little of the Geological Survey of Canada (Figure 3) with showings on the property mapped in detail by W.A. Howell (Figures 4 to 10).

The claims are located within an area underlain by white to grey and occasionally black limestones with intercalated argillaceous sediments and greenstones of the Permian to Pennsylvanian age Mt. Roberts Formation.

Little (1957) shows an extensive area of intrusive rocks to the north and south consisting mainly of Nelson, Valhalla and Coryell intrusive rocks with minor ultrabasic intrusions. The intrusive rocks range from ultrabasic to granite and syenite compositions and range in age from Jurassic to Paleocene(?). The presence of ultrabasic rocks is consistent with previously reported platinum values from the Motherlode claim.

Structurally the region is characterized by major faults generally occupying the larger and deeper valleys but not restricted to them. The main north-south valleys including Christian Lake-Sandner Creek and McRae Creek-Dog Creek, which bound the area containing the claims, have some of the most clearly defined faults. Little (1957) suggest that all formations except the Miocene have been folded.

Within the claim area small intrusive bodies, dikes and sills related to the regional bodies have resulted in thermal metamorphism of limestone yielding marbles, variably recrystallized limestone, skarn and a varied assemblage of ore forming minerals. Original bedding and fabric is generally preserved. Folding and/or recrystallization of the limestone may be locally intense and detailed structure may be difficult to interpret. Bedding within the claim area commonly strikes 020° to 035° with dips to the NE of 20° to 70° .

MINERALIZATION

Two main types of mineralization occur within the claim area:

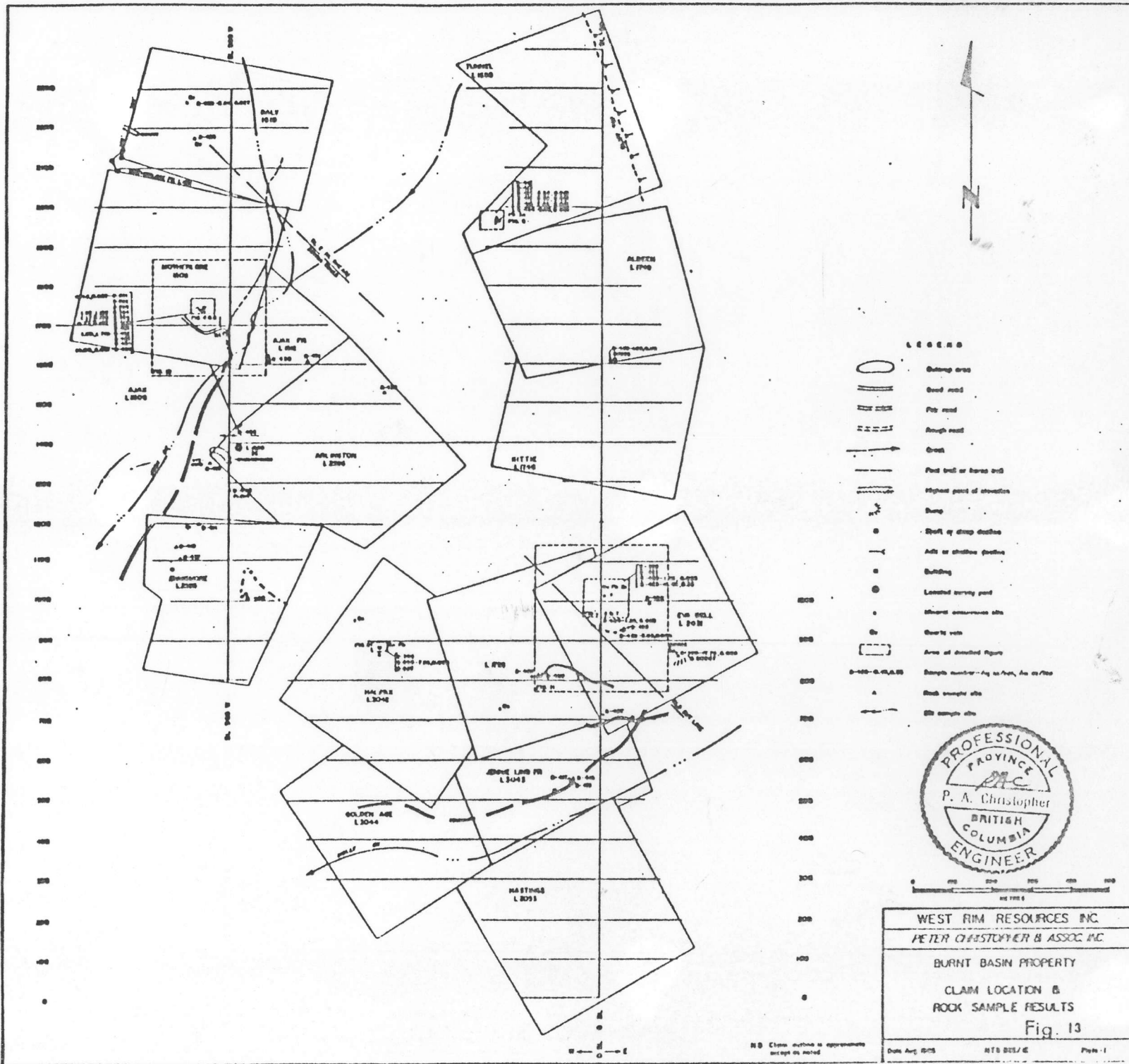
1) Quartz vein mineralization, typified by the showings on the Motherlode vein (Fig. 4). The veins contain pods or small lenses of pyrite, disseminated and fracture controlled chalcopyrite, local pyrite rich vein selvages and minor disseminated molybdenite. Galena is variably present as a minor to trace mineral. Examination of quartz material from the dump revealed the presence of visible gold. Reports by E.W. Brock (1906) and B.C. Dept. of Mines, (Annual Report 1917) indicate the presence of platinum in grades from nil to 0.75 oz./ton. A 50 ton bulk shipment of unsorted dump material from the Motherlode ran 0.229 oz/ton Au. (S. Ruzicka - pers. comm.)

2) The majority of the mineral showing within the claim area are silver-lead-zinc type and are comprised of massive to disseminated galena, sphalerite, magnetite and pyrrhotite in limey argillaceous hornfelsed rock. A type of "skarn" mineralization occurs at the Upper Eva Bell showings and consists of pyrite, pyrrhotite, arsenopyrite, magnetite, chalcopyrite, galena and sphalerite with exotic minerals including, cubanite, nicollite, violarite, loellingite, cobaltite, acanthite and argentian pentlandite identified by the Mineral Sciences Division of the Department of Energy, Mines and Resources. The mineralization occurs as a small pod about 1.5m to 2m x 3 m of massive sulphide. The rock has been so disturbed by the bulldozer that contact relationships with the wall rock are not evident. Similar looking but lower grade mineralization occurs several hundred meters to the southwest.

MINERAL SHOWINGS

1) Motherlode (Figures 4 & 5)

Gold bearing quartz veins which vary in width from 35cm to 1.2m are exposed in old open cuts. An old shaft has caved and is no longer accessible. A lower adit was partly caved and was not entered. Mr. Stan Ruzicka, a former owner and operator of the claim suggested that a shipment in about 1976 of 50 tons of unsorted dump material ran 0.229 oz Au/ton and returned silica credits. A visual estimate of the dump by W.A. Howell indicated that only about 50% of the material was quartz or quartz rich. A selected sample of the quartz rich material containing visible galena assayed 2.001 oz Au/ton and 14.03 oz Ag/ton. A 2 meter chip across a vein with a 35cm true width assayed 1.719 oz Au/ton and 1.29 oz Ag/ton. Government reports indicate assays of up to 0.75 ounces of platinum per ton from the Motherlode workings.



- LEGEND**
- Mining area
 - Good road
 - Fair road
 - Rough road
 - Creek
 - Post hole or fence end
 - Highest point of elevation
 - Dip
 - Shaft or drop structure
 - Ade or shallow pond
 - Building
 - Located survey point
 - Shaded contour line
 - Survey vein
 - Area of doubtful figure
 - Sample number - by lot, as of 1900
 - Rock sample site
 - Site sample site



0 100 200 300 400 500
SCALE

WEST RIM RESOURCES INC.
 PETER CHRISTOPHER & ASSOC. INC.
 BURNT BASIN PROPERTY
 CLAIM LOCATION &
 ROCK SAMPLE RESULTS
 Fig. 13
 Date Aug. 1975 NTS 802/E Page 1

NS Claim outline is approximate
 except as noted

LEGEND









- CENOZOIC**

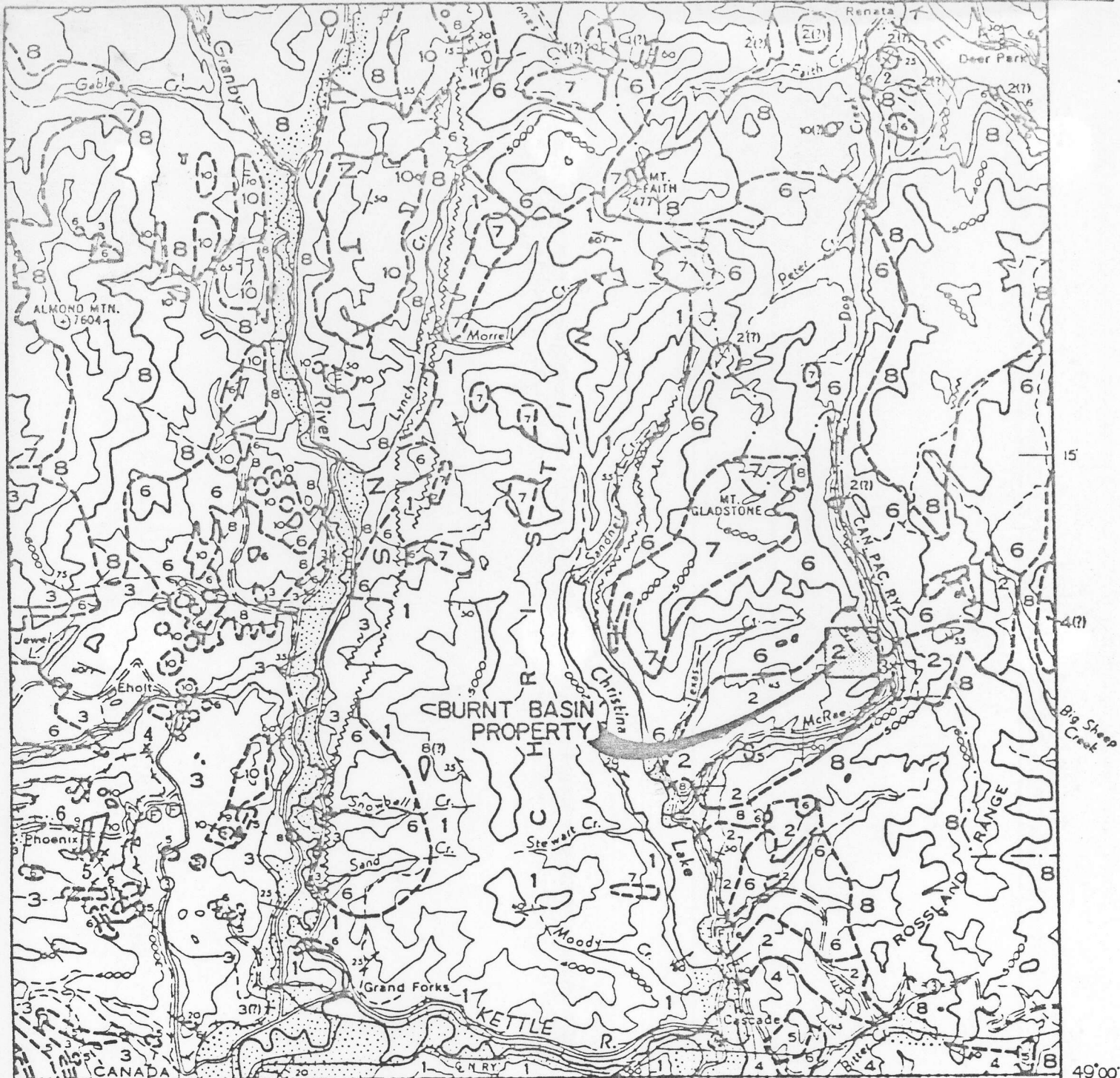
 - TERTIARY
MIOCENE(?)
 - 11 Basalt, olivine basalt
 - PALEOCENE OR EOCENE
 - PHOENIX VOLCANIC GROUP
 - 10 Andesite, trachyte; minor basalt; locally, interbedded tuff, shale, and/or siltstone
 - 9 KETTLE RIVER FORMATION: rhyolite and dacite tuff; locally, conglomerate, sandstone, and shale; minor rhyolite flows and intrusive porphyritic rhyolite
 - PALEOCENE(?)
 - 8 CORYELL INTRUSIONS: syenite; monzonite, shonkinite and granite
- MESOZOIC**

 - CRETACEOUS(?)
 - LOWER CRETACEOUS(?)
 - 7 VALHALLA INTRUSIONS: granite, porphyritic granite.
 - 6 NELSON INTRUSIONS: granodiorite, porphyritic granite; diorite, monzonite, quartz monzonite
 - 5 Ultrabasic intrusions, serpentinite
 - JURASSIC
 - ROSSLAND GROUP
 - 4 Andesite, latite; agglomerate and flow breccia; minor greywacke
- PALAEZOIC**

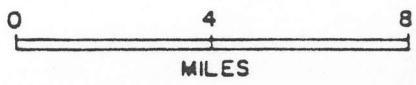
 - PERMIAN(?)
 - ANARCHIST GROUP
 - 3 Greenstone, greywacke, limestone; paragneiss
 - PENNSYLVANIAN AND/OR PERMIAN
 - 2 MOUNT ROBERTS FORMATION: greywacke, greenstone, limestone; paragneiss
- PROTEROZOIC (?)**

 - 1 MONASHEE AND GRAND FORKS GROUPS
Paragneiss; minor crystalline limestone and pegmatite

- Drift-covered area 
- Geological boundary (defined approximate) 
- Bedding (inclined, overturned) 
- Bedding (inclined, vertical, top unknown) 
- Gneissosity (inclined, vertical) 
- Fault (defined, approximate, assumed) 
- Fossil locality 
- Mineral property  11



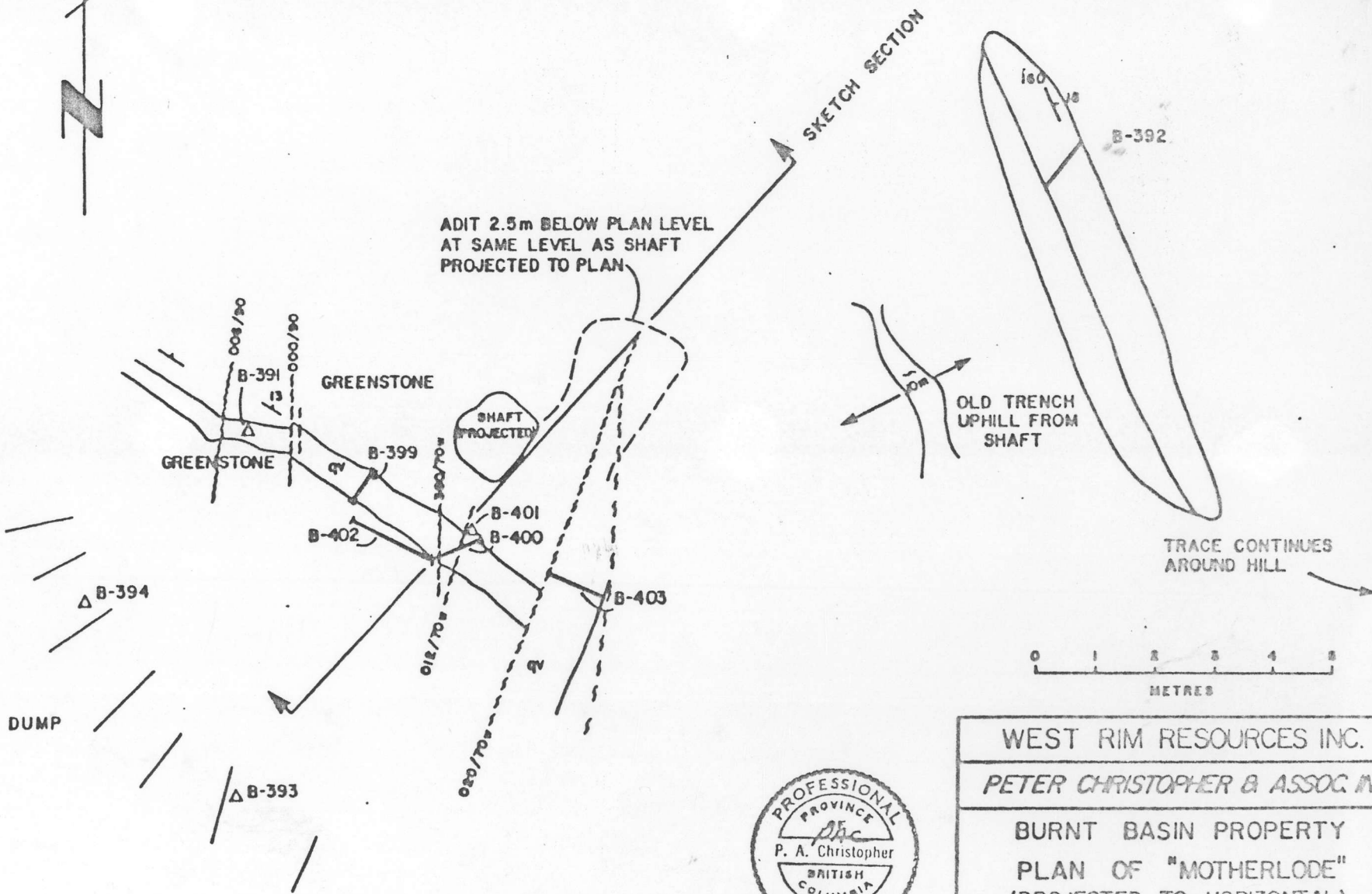
Printed by the Surveys and Mapping Branch



WEST RIM RESOURCES INC.
PETER CHRISTOPHER & ASSOC INC.
BURNT BASIN PROPERTY
GENERAL GEOLOGY
Date: Aug. 1986

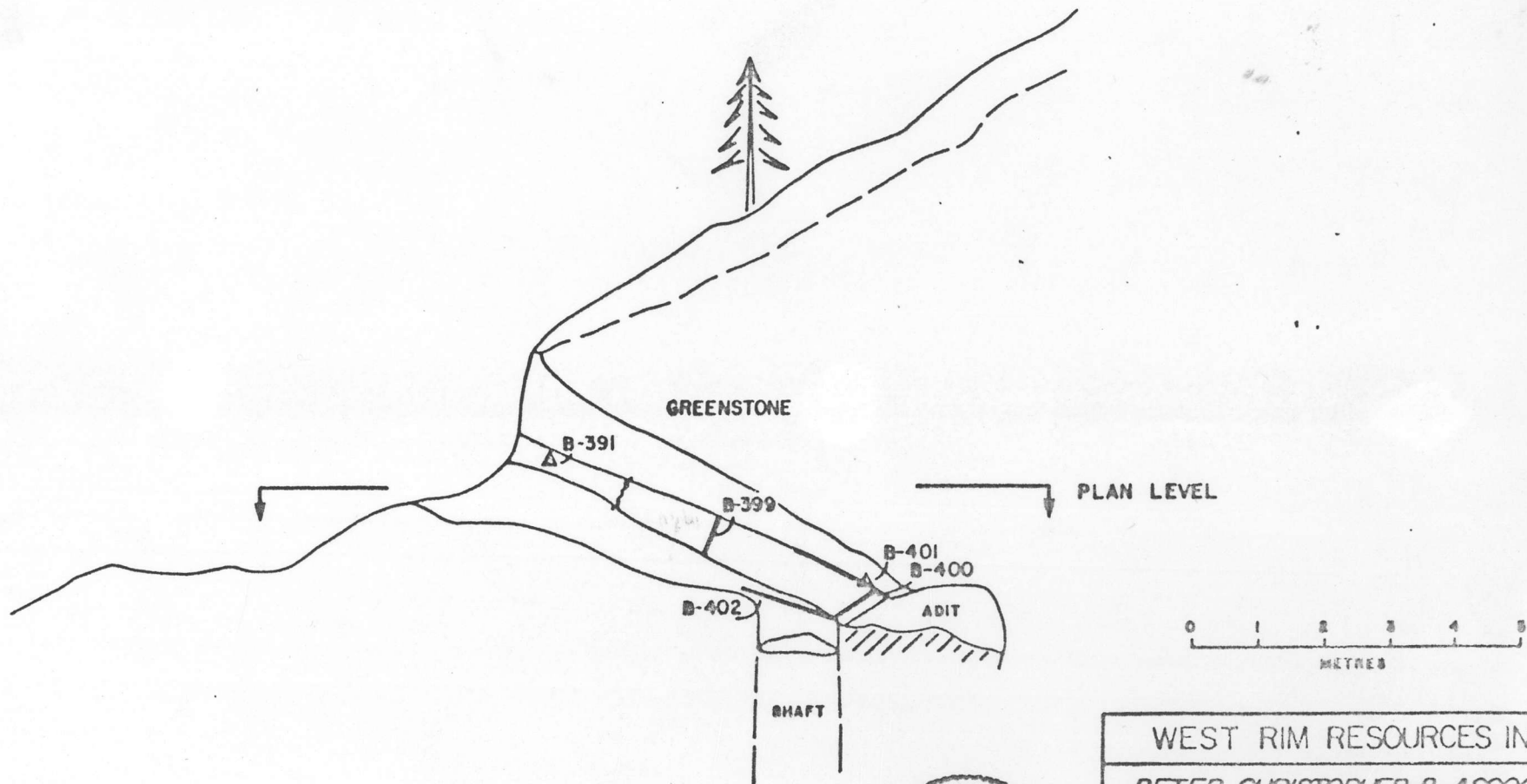
FIG. 3

Small faults have 2-5 cm movement left side vein
width is shown true thickness.
(NOT A HORIZONTAL SLICE IN PLAN VIEW)



WEST RIM RESOURCES INC.
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BURNT BASIN PROPERTY
PLAN OF "MOTHERLODE"
(PROJECTED TO HORIZONTAL)
Date: July, 1986 FIG. 4

N.B. Old documents by S. RUZICKA show ~50
tons of unsorted dump material assayed
.229 oz. Au



WEST RIM RESOURCES INC.	
PETER CHRISTOPHER & ASSOC. INC.	
BURNT BASIN PROPERTY SKETCH CROSS SECTION THRU "MOTHERLODE" LOOKING NW	
Date: July, 1986	FIG. 5

2) Upper Eva Bell (Figure 6 & 7)

An area about 100 meters across has been stripped with a bulldozer, and has exposed three mineralized pods on separate zones. Two of the zones are dense black weathering pyrrhotite, magnetite assemblages with galena and sphalerite, very similar in style and appearance to the Halifax and Eva Bell Production Pit. The other showing is massive sulphide with considerable chalcopyrite, sphalerite and galena with cobalt, nickel arsenides and native silver. The differences in mineralogy suggest superimposed separate mineralization events.

The general sense of the stripped area is of limestone beds dipping gently to moderately to the NE with dips in the 20° to 50° range. The limestone is cut by sills and/or dikes of dirty grey or tan coloured Biotite - Hornblende "Syenite". Mineralization is sandwiched between the sills which previous workers referred to as "Caps". A character sample of mineralized rock selected by W.A. Howell assayed 0.33 oz Au/ton and 15.4 oz Ag/ton. The strongest geochemical response for gold in soils was obtained from the Upper Eva Bell area.

3) Halifax (Figure 8)

Dense massive sphalerite and galena occur in limestone adjacent to an andesite dike. Data supplied by Mr. Ruzicka indicates that shipments of 28 tons in 1948/49 ran 9.75 oz/ton Ag, 15.4% Pb and 16.5% Zn and that an undisclosed quantity shipped in 1927 ran 10.8 oz/ton Ag, 17.8% Pb and 20.5% Zn.

Drilling reported by Paulson Mines (1977) on the western exposure of the zone encountered several intercepts of 2 to 3 feet with assay ranging from: 0.46 oz Ag to 2.56 oz Ag; 0.04% Pb to 2.35% Pb; 18% Zn to 7.47% Zn. A grab sample (B-396) from a mineralized pit assayed 9.90% Pb, 11.30% Zn, 7.55 oz Ag/ton and 0.008 oz Au/ton. The strongest combined lead, zinc and silver in soil anomaly is situated over the old Halifax Workings with the zone open to further sampling and definition on L1753.

4) Eva Bell Production Pit

This is the site of the most extensive workings in the Burnt Basin area. A zone of massive zinc and galena in argillaceous limestone has been excavated and 1700 tons shipped by Alvijs Mines in 1975. Copies of the Smelter Settlement and other reports have been provided by Mr. Stan Ruzicka and indicate that the 1700 tons averaged 2.6 ounces Ag, 4% Pb and 6.3% zinc.

The writer examined and sampled an the old production area that is situated at about 900N and 200E. A sample (80957) of sorted 'ore' collected by the writer assayed 0.044 oz Au/ton and 15.70 oz Ag/ton and a sample (B-398) selected from the old production pit by W.A. Howell assayed 0.036 oz Au/ton and 17.76 oz Ag/ton.

W — E

1050 N

EXTENSIVE O/C

ER & BLEACHING

4 DDH
O/C & RUBBLE

O/C & RUBBLE

B-423
80
20

B-398

B-422

B-421

1000 N

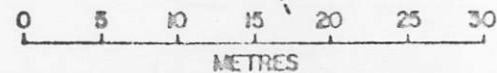
O/C & RUBBLE

GEOLOGY

- 6a 6a BLACK MAGNETITE SKARN
- 6b 6b MASSIVE SULPHIDE
- 5 5 F.G. DIORITE (TO M.W.)
- 4 4 DARK GREY HB/BI ppy "SYENITE"
- 3 3 BUFF/TAN FELSIC SYENITE
- 2 2 GREY BANDED MARBLE/LST
- 1 1 BLACK/GREY HORNFELS

SYMBOLS

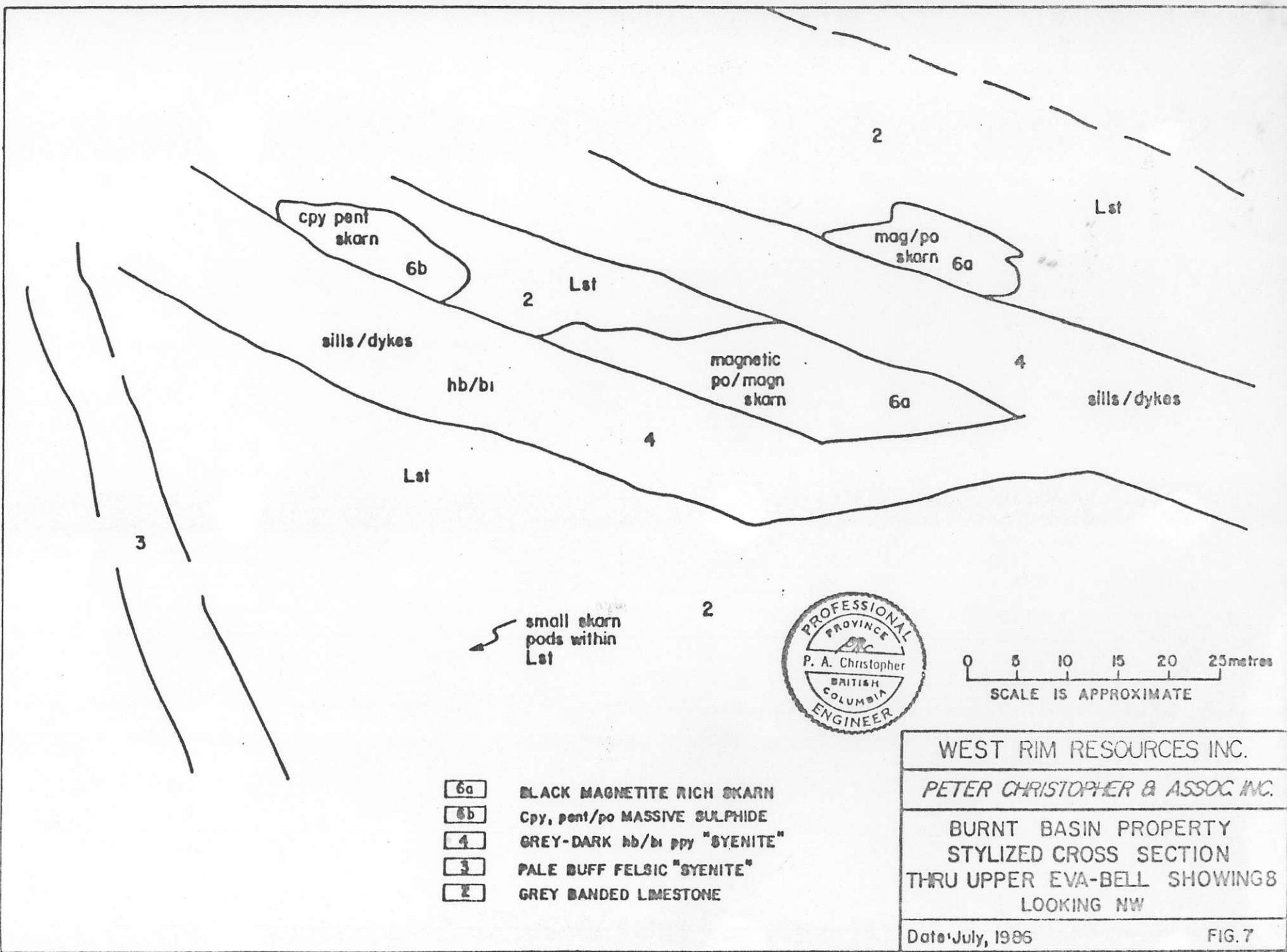
- Δ ROCK SAMPLE
- DIAMOND DRILL HOLE
- ✕ CONTACT ATTITUDE
- / BEDDING ATTITUDE
- - - FAULT
- - - ASSUMED CONTACT
- CONTACT
- - - ROAD
- LIMIT OF OUTCROP OR EXTENSIVE RUBBLE



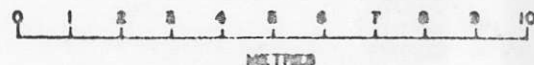
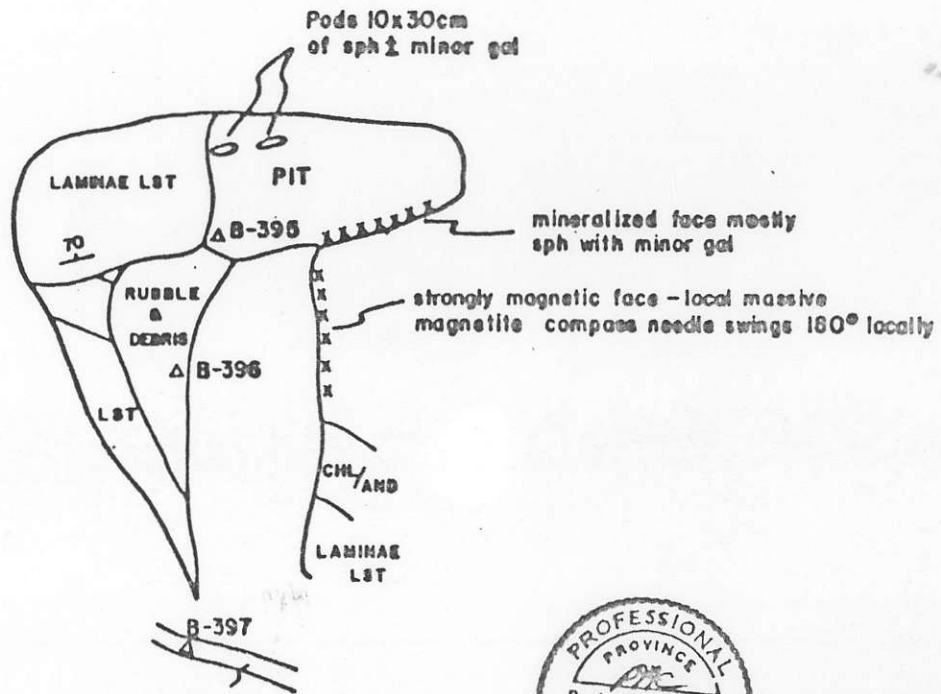
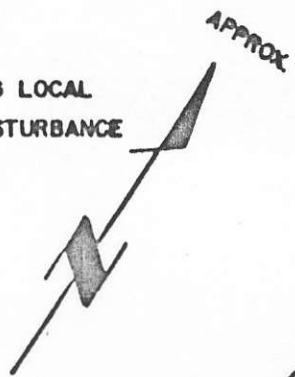
WEST RIM RESOURCES INC.
 PETER CHRISTOPHER & ASSOC. INC.
 BURNT BASIN PROPERTY
 SKETCH PLAN OF
 UPPER EVA BELL SHOWINGS

Date: July, 1986

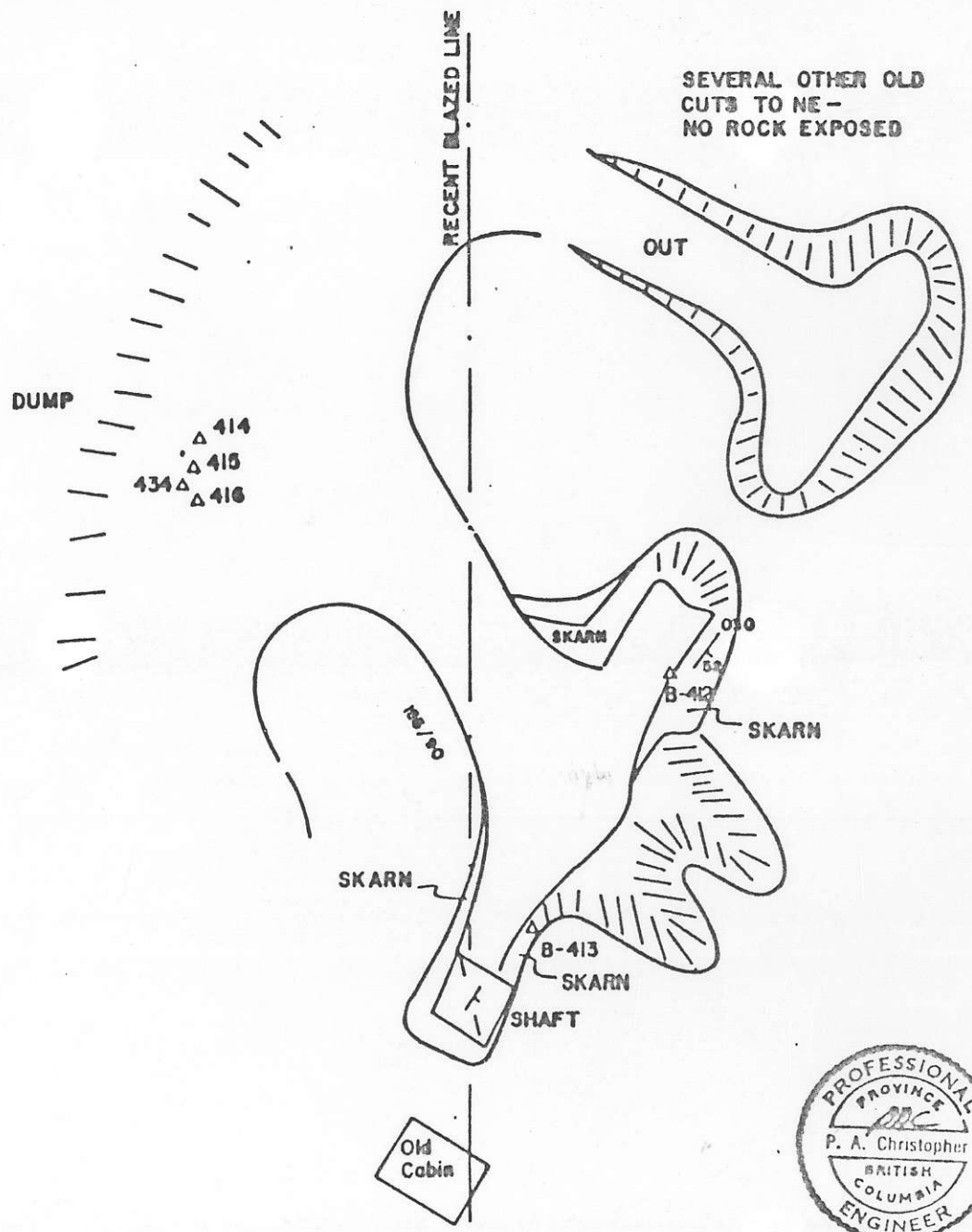
FIG. 6



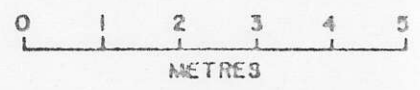
VERY STRONG LOCAL
MAGNETIC DISTURBANCE



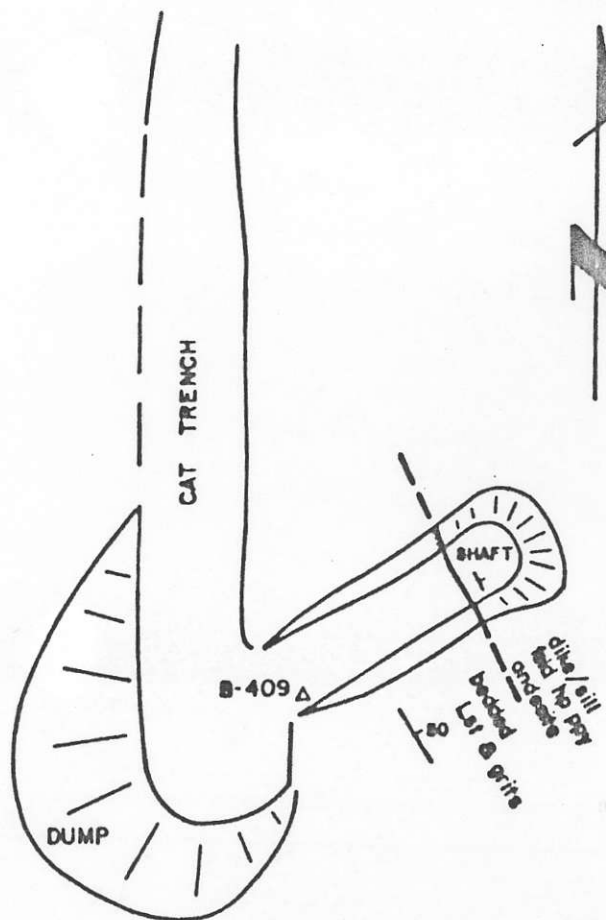
WEST RIM RESOURCES INC.	
PETER CHRISTOPHER & ASSOC. INC.	
BURNT BASIN PROPERTY SKETCH PLAN OF HALIFAX PIT	
Date: Aug. 1986	FIG. 8



SEVERAL OTHER OLD CUTS TO NE - NO ROCK EXPOSED

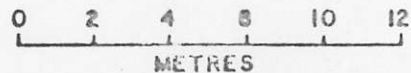


WEST RIM RESOURCES INC.	
PETER CHRISTOPHER & ASSOC. INC.	
BURNT BASIN PROPERTY SKETCH PLAN OF TUNNEL(?) OR ALDEEM(?) WORKINGS	
Date: Aug. 1986	FIG. 9



N.B. THE SHAFT & WORKINGS ARE DRIVEN ON THE DIKE/SILL CONTACT - NO MINERALIZATION WAS OBSERVED. THE WORKINGS APPEAR TO DATE FROM EARLY IN THE CENTURY WHILE THE CAT TRENCHING WAS DONE BY DELLA MINES \approx 1972.

SHAFT LOCATION IS \approx 1042 N. 920 E.



WEST RIM RESOURCES INC.	
PETER CHRISTOPHER & ASSOC INC.	
BURNT BASIN PROPERTY SKETCH PLAN OF WORKINGS ON THE ENNISMORE CLAIM LOT 2595	
Date: Aug. 1986	FIG. 10

5) Cat Rubble @ 820 N 175 W

Rusty hornfelsed argillaceous sediments with gritty limestones has a mineral assemblage similar in appearance, but with much lower tenor, to the massive sulphide occurrence at the upper Eva Bell showing. Assays from the showing contained less than an ounce of Ag/ton and between 1.73% and 3.20% zinc with only minor lead, copper and gold.

6) Tunnel (?) Workings (Figure 9)

Several open cuts along argillaceous limestones have argentiferous galena and sphalerite mineralization. An old flooded declined shaft is presumed to lead to underground workings based on the amount of material in the dumps. A high grade pile on the dump contains near massive pieces of very fine grained galena with sphalerite and chalcopyrite in an epidote rich limy skarn host.

Four dump samples collected by W.A. Howell assayed between 5.54 and 8.40 oz Ag/ton (samples B-414, B-415, B-416, & B434).

7) Ennismore Workings - 1042N 920W (Figure 10)

The workings consist of a short open cut leading to a declined shaft now filled with water. The shaft has been sunk on the contact between argillaceous limestones and a dark andesite dike. Weak copper mineralization was observed in hornfelsed sediments near the entrance to the open cut and no significant sulphide mineralization was observed in dump material. The workings appear to date from early in the century, some cat trenching had been done in 1975. Several old pits and a shaft are also present at approximately 1200 N 1100 W.

The Ennismore claim area contains one of the three strongly anomalous coincident lead-zinc anomalous areas on the property. Further sampling may indicate a belt of lead-zinc-silver mineralization extending from the Eva Bell through L1753 and the Halifax claim to the anomalous zone on the Ennismore.

Showings within the Burnt Basin area are best described as abundantly present. The fact that the claims are all reverted crown grants is an indication that there are numerous workings and historic production. Although, the location of the workings and records is often uncertain, additional effort is warranted to acquire the information.

Sampling and mapping has concentrated on representatives of the best known and accessible mineralization within the claim area. Prospecting of several of the strongly anomalous geochemical responses should result in the location of a number of old and new showings.

GEOCHEMICAL PROGRAM

A total of 55 rock and 860 soil samples were collected from the claim area with all soils analyzed at Min En Laboratories in North Vancouver by standard atomic adsorption for Pb, Zn, Ag, Cu, and fire procedures for gold. The initial 59 soils were also fire assayed for Pd and Pt. A total of 52 rock samples collected by W. A. Howell were assayed for Cu, Pb, Zn, Ag, and Au with 14 samples selected for Pt and Pd fire assay. The samples collected by the writer were assayed at Chemex Labs Ltd. in North Vancouver.

Soil samples were collected from the B horizon at about 25cm depth with mainly 25m but a few 50m sample intervals. Swamp and rock cliff prevented sampling at a few sites.

Sample locations are shown on Plates 1 and 2a with Certificates of Analysis presented in Appendix C and soil results for Ag and Cu shown on Plate 2b and soil results for Au, Pb, and Zn shown on Plate 2c.

ROCK GEOCHEMISTRY

Rock samples collected were mainly grab samples or select samples of mineralized quartz veins, skarn and siliceous hornfels. Strongly anomalous and ore grade values were obtained for Cu, Pb, Zn, Ag and Au with only weakly anomalous palladium and platinum from the 14 analyses obtained. Further analytical work for platinum group elements should be selective.

Soil results produced anomalous values for all elements but the 25 or 50 meter sample interval employed is wide for the bonanza type grades found at some of the showings. Selective use of geochemical methods in conjunction with trenching and drilling of showings is recommended for future programs.

COPPER

Copper values in rock range from 0.002% to 4.120 percent in sample B-423. High copper values with strong lead and silver suggests the presence of tetrahedrite series minerals.

Copper values in soils range from 7 ppm to 1940 ppm with values over 40 ppm considered of interest and values over 99 ppm considered strongly anomalous. A total of 101 values of interest with 21 strongly anomalous values were obtained. Zones of anomalous copper occur between 465W and 750W on line 700N, 600 and 625W on line 800N.

LEAD

Lead values vary from 0.01% to 52.5% in rock and from 10 ppm to 33,700 ppm in soils with values over 40 ppm considered of interest and values over 80 ppm considered anomalous. A total of 157 samples of interest with 59 anomalous samples were obtained. Anomalous zones exist on lines 800N from 500W to 650W; 700N from 450W to 725W; 1000N from 800W to 925W and 25E to 25W and BL950W 1000N to 1050N. Sample 337 at 1025N was extremely anomalous with 33,700 ppm lead also has strongly anomalous Zn, Ag, Cu and Au.

ZINC

Zinc values vary from 0.01% to 20.60% in rocks and from 27 ppm to 8500 ppm in soils with values over 200 ppm considered of interest and values over 400 ppm considered anomalous. A total of 288 samples of interest with 109 anomalous samples were obtained. Anomalous samples are concentrated in the 800N to 1300N area of the grids.

SILVER

Silver values vary from 0.01 to 17.76oz Ag/ton in rock and from 0.4 ppm to 130 ppm in soils with values over 1.0 ppm of interest and values over 2.0 ppm considered anomalous. A total of 149 values of interest and 20 anomalous values were obtained. Anomalous zones occurred from 475W to 700W on line 700N; from 500W to 600W on line 800N and from 950 to 1025W on line 1200N.

GOLD

Gold values in rock samples varied from <0.002 to 2.001 oz Au/ton and in soils varied from 1 ppb to 308 ppb with values over 19 ppb of interest and values over 29 ppb considered anomalous. A total of 77 values of interest and 29 anomalous values were obtained. A number of anomalous gold samples occur in the area of the Aldeen and Kittie claims. The response is from near a strongly anomalous rock sample on the Eva Bell claim.

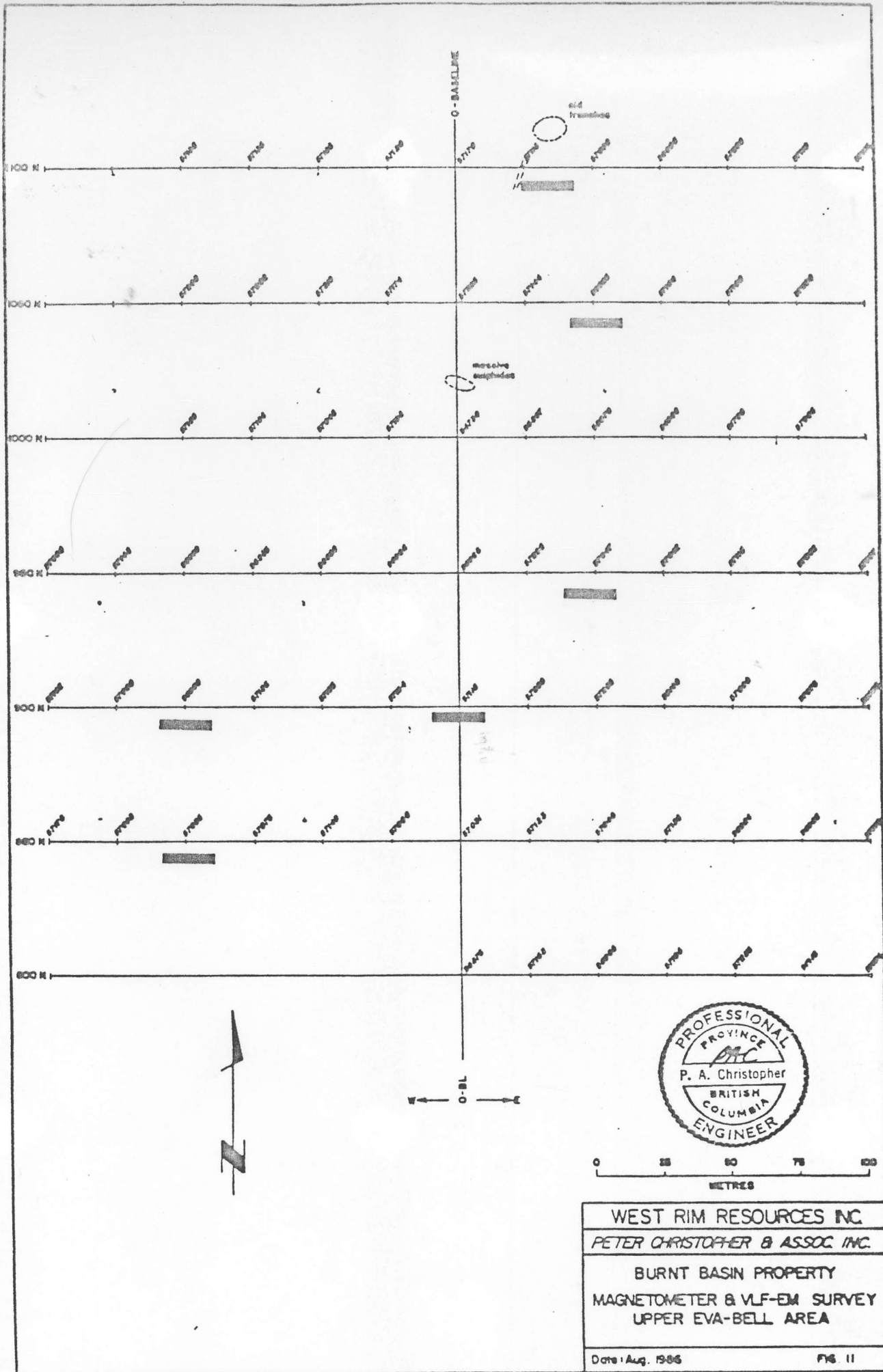
PLATINUM & PALLADIUM

A total of 59 soil and 16 rock samples were analyzed for platinum and palladium with values over 29 ppb considered anomalous. Four rock samples have weakly anomalous platinum with values between 31 and 64 ppb. Ten soils were weakly anomalous with values in the 30 to 97 ppb range. No anomalous palladium values were obtained. Further selective analyses for platinum should be undertaken but the expense of systematic analysis for platinum is not justifiable.

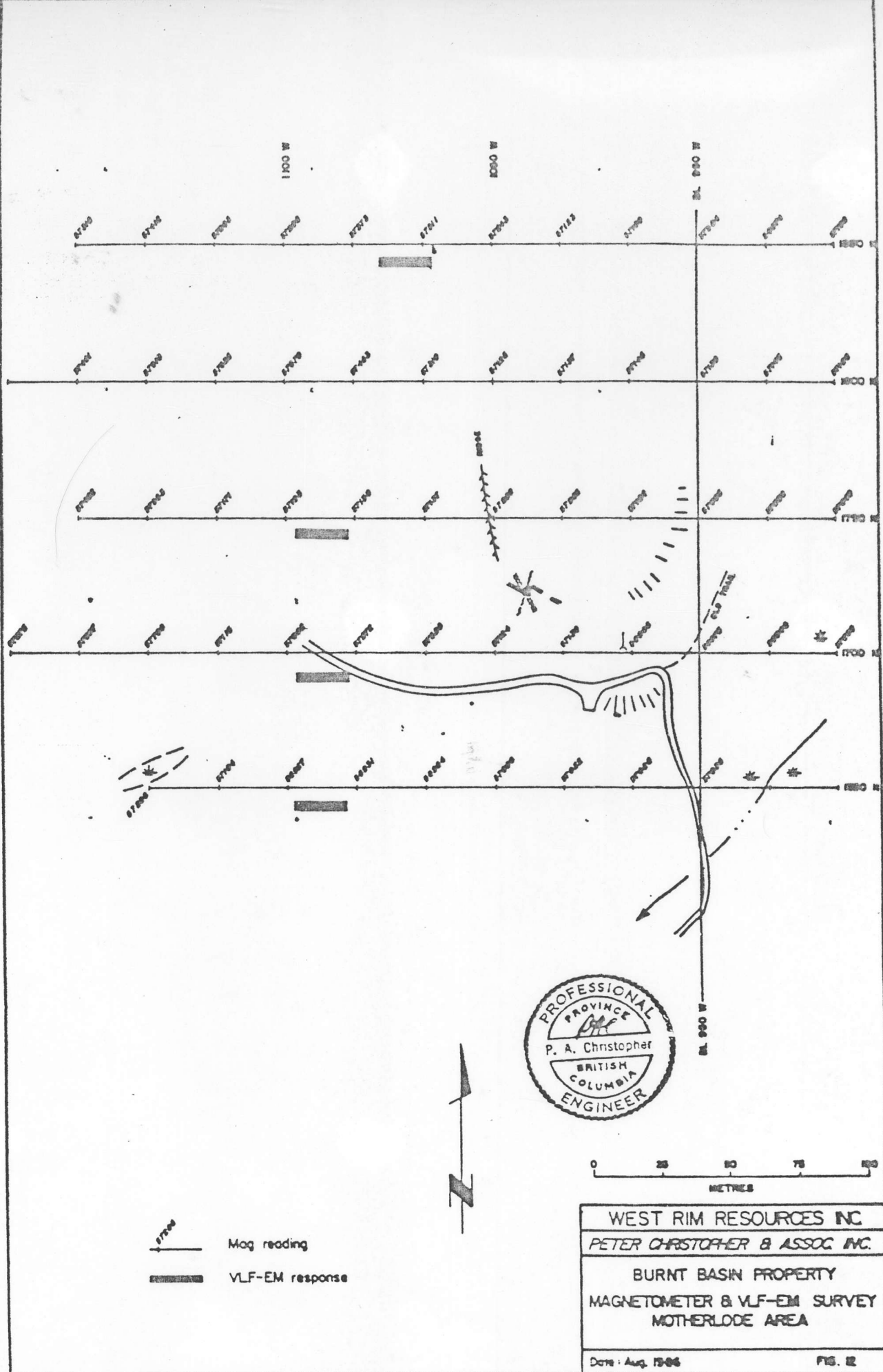
GEOPHYSICAL PROGRAM

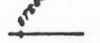

Magnetometer and VLF-EM readings were collected along 3.1 km of flagged and chained lines at 25 meter on lines spaced at 50 meter intervals cover workings on the Upper Eva Bell (Fig. 11) and Motherlode (Fig. 12) workings. Magnetic values are shown on Figures 11 and 12 along with possible VLF-EM anomalies. Profiles of VLF-EM lines are presented in Appendix C. A Scintrex model MP2 magnetometer with the detector in the pack mount was employed for collecting magnetic readings. Diurnal variations were small and machine readings were plotted without correction. A Gaonics EM 16 was used for the VLF-EM survey. VLF-EM readings were taken at two stations with Annapolis and Seattle used.

The magnetic values in the Upper Eva Bell area vary from 54730 gammas to 61700 gammas with a strong magnetic relief of 6970 gammas probably resulting from a magnetite body along line 1000N. Magnetic values in the Motherlode area varied from 56927 gammas to 57759 with a moderate magnetic relief of 832 gammas probably caused by variations in rock type.



WEST RIM RESOURCES INC. PETER CHRISTOPHER & ASSOC. INC.	
BURNT BASIN PROPERTY MAGNETOMETER & VLF-EM SURVEY UPPER EVA-BELL AREA	
Date: Aug. 1986	FIG. 11



 Mag reading
 VLF-EM response



0 25 50 75 100
METRES

WEST RIM RESOURCES INC
PETER CHRISTOPHER & ASSOC INC.
BURNT BASIN PROPERTY
MAGNETOMETER & VLF-EM SURVEY
MOTHERLODE AREA
Date: Aug. 1986

Several possible VLF-EM conductors are indicated on the VLF-EM profiles with their position shown by heavy bars on Figures 11 and 12. The short line makes correlation between lines difficult. A more extensive survey of the grid area with VLF-EM should be considered.

DISCUSSION OF BURNT BASIN PROPERTY

The Burnt Basin Property covers several known mineral occurrences which have produced several thousand tons of material yielding base and precious metal values. Mineralization is mainly of two types: 1) Quartz veins typified by the Motherlode occurrence contain visible gold with assays of up to 2.001 oz Au/ton obtained from a character sample of quart from the Motherlode dump and a chip sample representing a 35cm width assayed 1.719 oz Au/ton and 1.29 oz Ag/ton 2) argentiferous lead-zinc mineralization in limy argillaceous hornfels and skarn is typical of the more common showings like the Eva Bell, Halifax or Ennismore.

Geological and geochemical surveys on the claim area have defined large areas on the Halifax and Eva Bell claims with over 1 ppm silver and associated anomalous values in copper, lead and zinc. Sampling should be conducted on L1753 before selecting targets for trenching and drilling of the large anomalous zone.

The strong gold values obtained from vein material on the Motherlode indicates the possibility of at least small tonnage bonanza type gold deposits. Previous assays of up to 0.75 oz of platinum a ton is reported in the Annual Report of the B.C. Department of Mines for 1917. Further evaluation of the platinum potential of the Motherlode area is also required.

Twelve of the anomalous gold values in soils are from the Aldeen and Kittie claims with prospecting and follow-up trenching required to explain the source of these values.

A large silver anomaly with associated anomalous gold values extends from the Motherlode working into the Daly claim area. Further evaluation the silver anomaly should be conducted while drill testing the Motherlode working area.

CONCLUSIONS AND RECOMMENDATIONS

The initial geological, geochemical and geophysical surveys conducted on the Burnt Basin Property for West Rim Resources Inc. have been successful in defining several anomalous targets that require follow-up. The geochemical surveys conducted on the Halifax and Eva Bell should be extended over L1753 and intermediate (25 meter) samples collected on the Eva Bell before trenching and drilling targets are selected.

High grade values obtained from the southern edge of a large gold and silver anomaly on the Motherlode, justify further drilling and trenching. Further prospecting is required to explain several anomalous gold values obtained from the Aldeen and Kittie claim areas.

The writer recommends a staged exploration program for further testing the precious and base metal potential of the Burnt Basin Property. Cost estimates for a recommend Stage I program of geochemical and geological follow-up, trenching and drilling and contingent Stage II and III drilling programs follows:

COST ESTIMATES

STAGE I. Geochemical, Geological, Drilling, Trenching

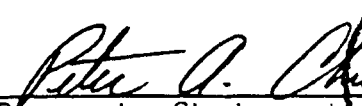
Geochemical & Geological Follow-Up of Anomalies	\$10,000
Road Building, Trenching, Drill Site Preparation	\$10,000
Diamond Drilling 400 meters @ \$100 each all incl.	\$40,000
Geochemical Sampling and Analyses	\$ 5,000
Engineering, Supervision, Management	\$10,000
Reporting	<u>\$ 5,000</u>
Total	\$80,000
Contingency	\$10,000
STAGE I - TOTAL	<u>\$90,000</u>

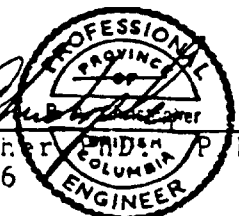
STAGE II - Diamond Drilling

Site Preparation	\$10,000
Diamond Drilling 600 meters @ \$100 each all incl.	\$60,000
Supervision, Management, Engineering	\$15,000
Geochemical Analyses	\$ 5,000
Reporting	<u>\$ 5,000</u>
Total	\$95,000
Contingency @ 15%	<u>\$15,000</u>
STAGE II - TOTAL	<u>\$110,000</u>

STAGE III - Diamond Drilling

Site Preparation	\$10,000
Diamond Drilling 1,000 meters @ \$90 each all incl.	\$90,000
Supervision, Engineering, Management	\$20,000
Geochemical Analyses	\$ 8,000
Reporting	<u>\$ 7,000</u>
Total	\$135,000
Contingency @ 15%	<u>\$ 20,000</u>
STAGE III - TOTAL	<u>\$155,000</u>


Peter A. Christopher, P. Eng.
September 22, 1986



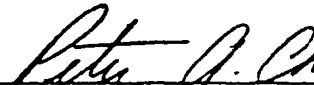
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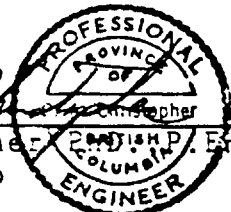
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CERTIFICATE

I, Peter A. Christopher, with business address at 3707 West 34th Avenue, Vancouver, British Columbia, do hereby certify that:

- 1) I am a consulting geological engineer registered with the Association of Professional Engineers of British Columbia since 1976.
- 2) I am a Fellow of the Geological Association of Canada and a member of the Society of Economic Geologists.
- 3) I hold a B.Sc. (1966) from the State University of New York at Fredonia, a M.A. (1968) from Dartmouth College and a Ph.D. (1973) from the University of British Columbia.
- 4) I have been practising my profession as a Geologist for over 20 years.
- 5) I have no direct or indirect interest, nor do I expect to receive any interest directly or indirectly in the property or securities of West Rim Resources Inc.
- 6) I have based this report on previous exploration experience on the Burnt Basin Property, a review of government and company reports listed in the bibliography, a field examination conducted by me on June 30th, 1986 and an exploration program conducted between June 15th and July 30th, 1986.
- 7) I consent to the use of this report by West Rim Resources Inc. for any Filing Statement, Statement of Material Facts, or support document.


Peter A. Christopher, P. Eng.
September 22, 1986



Peter Christopher & Associates Inc.

GEOLOGICAL & EXPLORATION SERVICES
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Bus: 688-3363

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September 22, 1986

West Rim Resources Inc.,
307 - 474 Howe Street,
Vancouver, British Columbia
V6C 2B3

Dear Sirs:

I, Peter A. Christopher, Ph.D., P.Eng., hereby consent to the use of my report dated September 22, 1986 on the Burnt Basin Property, Greenwood Mining Division, British Columbia, in any Filing Statement, Statement of Material Facts, Prospects or assessment requirement.

Dated at Vancouver, British Columbia, this 22nd day of September 1986.


Peter A. Christopher, P.Eng.



A circular seal for a Professional Engineer in British Columbia. The outer ring contains the text 'PROFESSIONAL ENGINEER' at the top and 'BRITISH COLUMBIA' at the bottom. The inner circle contains the text 'REGISTERED' at the top and 'OF' at the bottom. A diagonal line crosses the seal from the top-left to the bottom-right.

APPENDIX A

COST STATEMENT

Mobilization and Demobilization	\$ 3,000
Road and Site Preparation	12,000
Trenching - 500 metres	8,000
Geological Mapping	5,000
Geochemical Analysis	10,000
Assays	3,000
Management	6,000
Grid Preparation - VLF EM & Magnetic surveys	11,000
Engineering & Report Preparation	<u>8,000</u>
	<u>\$ 66,000</u>

APPENDIX B

VLF - EM PROFILES

MOTHERLODE GRID

<u>LINE</u>	<u>FROM</u>	<u>TO</u>
16+50 N	9+50 W	11+50 W
17+00 N	9+00 W	12+00 W
17+50 N	9+00 W	11+75 W
18+00 N	9+00 W	11+75 W
18+50 N	9+00 W	11+75 W

UPPER EVA BELL GRID

8+00 N	1+50 E	0+00 B.L.
8+50 N	1+50 E	1+50 W
9+00 N	1+50 E	1+50 W
9+50 N	1+50 E	1+50 W
10+00 N	1+25 E	1+00 W
10+50 N	1+25 E	1+00 W
11+00 N	1+50 E	1+00 W