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#### GEOLOGICAL ASSESSMENT REPORT

on the

PADDY-MAC GOLD PROPERTY
Omineca Mining Division
Carpenter Creek Area, Terrace, B.C.

Claims: JM (8137), PADDY MAC GOLD (7352), AATTARI M (9758), AATTARI M2 (9759).

Latitude: 54<sup>0</sup> 46' North Longitude: 128<sup>0</sup> 22' West NTS: 103 I/8

on behalf of

AATTARI GOLD LTD.
350 Hector Road
Victoria, B.C., V8X 3X1

by

D.F. Symonds, B.Sc., F.G.A.C.

BURTON CONSULTING INC. 901 - 626 West Pender Street Vancouver, B.C., V6B 1V9. NOVEMBER 9, 1990

GEOLOGICAL BRANCH ASSESSMENT REPORT

**BURTON CONSULTING INC.** 

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#### 1.0 INTRODUCTION

This report, written on behalf of Aattari Gold Ltd. of Victoria, B.C., describes field work carried out on the Paddy-Mac Gold Property during the period of August 23<sup>rd</sup> to August 26<sup>th</sup>, 1990. A cost statement and general recommendations for further work on the property are included.

## 2.0 SUMMARY & CONCLUSIONS

The <u>Paddy-Mac Gold Property</u>, held by Aattari Gold Ltd., consists of a total of 74 claim units in the Carpenter Creek headwaters area northeast of Terrace, B.C. Access to the property is by helicopter from Terrace, B.C.

The claim area was sampled by several companies during the period of 1980 to 1986. Erratic gold and silver assays of up to 10.800 oz./ton Au and 9.82 oz./ton Ag were obtained from samples of the quartz veins.

The area surrounding the property is largely unmapped, due to its rugged nature. Rock types observed during mapping traverses include argillaceous, sometimes rusty sediments and intrusive-related dykes. Quartz veins on the property vary in thickness from a few centimetres to a metre more. veins cross-cut the bedding, The striking about 0300 and dip at about 200 to 300 to the Faulting displaces the veins across the cliff face and warping/folding of the sedimentary beds contributes to pinching/swelling/brecciation of the veins and ultimately to the erratic base and precious metal concentrations along and across the veins. Economic mineralization includes visible galena and chalcopyrite, with erratic gold and silver values detected by assaying.

During the 1990 field work program, a portion of the property was mapped geologically and a total of five samples were taken for assay. A preliminary base map was prepared showing local geology and all known sampling on the property to-date. The erratic nature of the mineralization was confirmed, with gold values in the assay ranging from detection limit to 0.486 oz./ton Au.

Further work is recommended on the property, including an adequate surveying program, further geological mapping and a diamond drill program to test the extent of the mineralized portions ("ore shoots") of the veins.

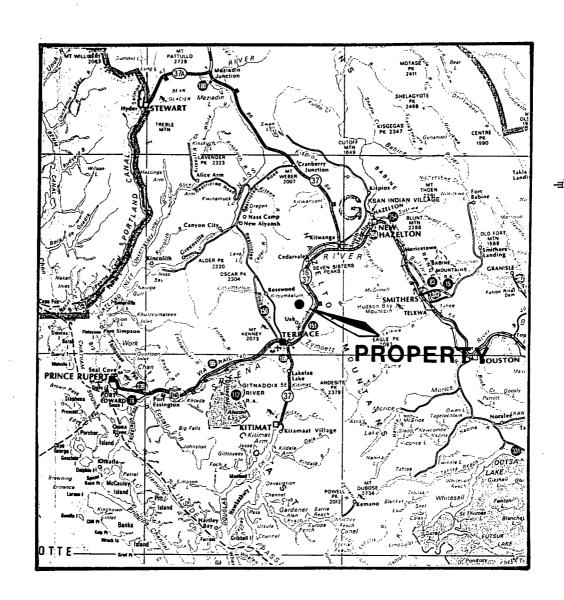
#### 3.0 LOCATION & ACCESS

The Paddy-Mac Gold Property is located approximately 30 kilometres north-northeast of Terrace, B.C., near the headwaters of Carpenter Creek, a southeasterly-flowing tributary of the Skeena River. Location information is shown on Figures 3-1 and 4-1. The claim area is typically rugged, and access to some parts of the property is possible only with the aid of mountaineering techniques.

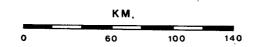
Elevations on the property range from 1100 metres to 1700 metres. A portion of the glacial cirque is ice-covered year-round.

Access to the property is by helicopter from Terrace, B.C. Bad weather (clouds and fog) should be taken into consideration when planning any exploration program on the property. A trail, 15 kilometres in length, follows Carpenter Creek up to the property from the C.N. Railway line near the Skeena River.

A new bridge across the Skeena River just downstream from the property has opened up this area to logging. Logging activity between the Skeena River and the property may eventually provide logging road access to some areas on the property.







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Paddy-Mac Cls.

Location Map

NOVEMBER 9, 1990

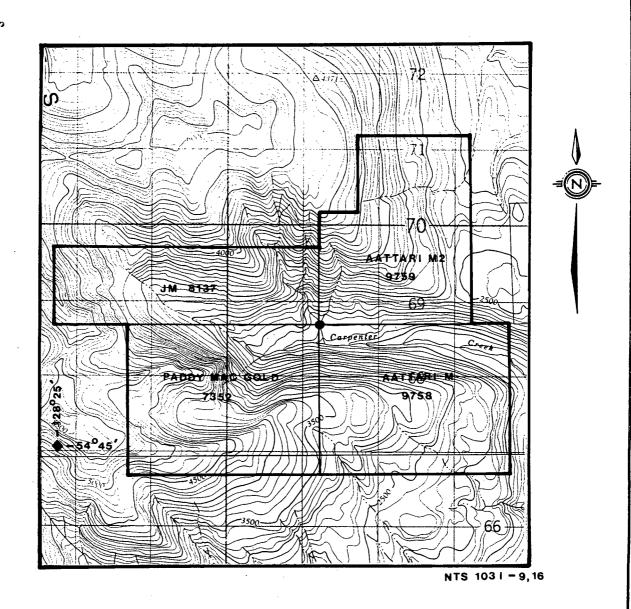
FIG. 3-1

## 4.0 CLAIM INFORMATION

The Paddy-Mac Gold Property consists of four modified grid claims totalling 74 units, in the Omineca Mining Division. Claim information was obtained by the writer from the Mining Recorder in Smithers, B.C. and is summarized as follows:

CLAIM NAME	RECORD #	**EXPIRY DATE
JM	8137	05FEB1992
PADDY MAC GOLD	7352	31AUG1991
AATTARI M	9758	30AUG1991
AATTARI M2	9759	31AUG1991

\*\* Expiry Dates Pending Acceptance of this Assessment Report



AATTARI GOLD LTD.



Burton Consulting Inc.

Paddy-Mac Cls.

Claim Map

OMINECA M.D.

**NOVEMBER 9, 1990** 

FIG. 4-1

#### 5.0 PROPERTY HISTORY

Old workings on the **Paddy-Mac Gold Property** include two short adits, the locations of which are shown on Figure 6-2.

The property was examined and sampled by Holt Engineering Ltd. on June 24<sup>th</sup>, 1980<sup>1</sup>. A total of seven samples were taken for assay and are described below:

<u>Sample #2305</u>: - float taken from talus below inaccessible portion of the vein approximately 400 metres from the eastern end. Sample contained minor chalcopyrite, galena and pyrite (Assays of 0.001 oz./ton Au & 0.20 oz./ton Aq).

<u>Sample #2306</u>: - silicified argillite (wall rock) from adjacent to vein structure, some minor quartz veining (Assays of <u>0.003 oz./ton Au</u> & <u>0.38 oz./ton Aq</u>).

<u>Sample #2307</u>: - sample across 0.4 metre quartz vein, above and to the north of the portal at the point marked #3 (Assays of 10.800 oz./ton Au & 5.92 oz./ton Ag).

<u>Sample #2308</u>: - brecciated portion of vein west of Sample #2307. Sample taken across 0.7 metre exposure approximately 150 metres from the eastern end (Assays of <u>0.193 oz./ton Au</u> & <u>0.42 oz./ton Aq</u>).

<u>Sample #2309</u>: - sample across 0.3 metre section of vein where exposed in a talus pile (Assays of 1.625 oz./ton Au & 0.54 oz./ton Ag).

<u>Sample #2310</u>: - taken at sample point number one at the extreme eastern end of vein system across 0.2 metre vein exposure; very sparse sulphides (Assays of 0.052 oz./ton Au & 0.10 oz./ton Aq).

Sample #2312 - sample taken in near-vertical section of vein west of #1 point (Assays of 7.050 oz./ton Au & 8.45 oz./ton Aq).

Holt Engineering Ltd. recommended further work on the property and a portion of this work was carried out by Bema Industries Ltd. in August of 1980<sup>2</sup>. A total of twenty-seven "continuous chip" samples were taken by an experienced mountaineer and his assistant. The (approximate) sample locations are plotted on Figure 6-2 and described below:

Sample #86951B (Stn. 1): - a total chip sample of 45 cm., from an upper vein 5 cm. wide and a lower vein 40 cm. wide separated by 40 cm. of host rock (Assays of 6.600 oz./ton Au & 26.30 oz./ton Aq & 2.32% Cu).

Sample #86952B (Stn. 2): - a total chip sample of 40 cm., from an upper vein 15 cm. wide and a lower vein 25 cm. wide separated by 45 cm. of host rock (Assays of 0.442 oz./ton Au & 6.48 oz./ton Aq & 2.66% Cu).

<u>Sample #86953B (Stn. 2): - wall rock above upper vein</u> (Assays of 0.038 oz./ton Au & 0.36 oz./ton Ag).

<u>Sample #86954B (Stn. 2):</u> - wall rock below upper vein (Assays of 0.020 oz./ton Au & 0.10 oz./ton Ag).

Sample #86955B (Stn. 3): - a total chip sample of 50 cm., from an upper vein 10 cm. wide and a lower vein 40 cm. wide separated by 60 cm. of host rock (Assays of 0.142 oz./ton Au & 9.82 oz./ton Aq & 5.05% Cu & <0.001% Mo ).

<u>Sample #86957B (Stn. 4)</u>: - a total chip sample of 40 cm., from an upper vein 10 cm. wide and a lower vein 30 cm. wide separated by 60 cm. of host rock (Assays of <u>0.566 oz./ton Au</u> & <u>8.22 oz./ton Aq</u> & <u>0.87% Cu</u>).

Sample #86958B (Stn. 5): - a total chip sample of 20 cm., taken from an upper vein 10 cm. wide and a lower vein 10 cm. wide separated by 60 cm. of host rock (Assays of 0.408 oz./ton Au & 5.06 oz./ton Aq & 0.46% Cu).

<u>Sample #86959B (Stn. 5): - 35 cm.</u> sample of wall rock above upper vein (Assays of 0.018 oz./ton Au & 0.14 oz./ton Aq).

Sample #86960B (Stn. 5): - 35 cm. sample of wall rock below upper vein (Assays of 0.010 oz./ton Au & 0.12 oz./ton Ag).

<u>Sample #86961B (Stn. 6)</u>: - 40 cm. continuous chip sample of one vein (Assays of 0.264 oz./ton Au & 7.14 oz./ton Ag & 1.51% Cu & <0.001% Mo ).

Sample #86962B (Stn. 7): - 15 cm. continuous chip sample of upper vein only; lower vein covered by rubble (Assays of 0.348 oz./ton Au & 5.06 oz./ton Aq & 0.48% Cu).

Sample #86963B (Stn. 8): - a total chip sample of 35 cm., taken from an upper vein 10 cm. wide and a lower vein 25 cm. wide separated by 10 cm. of host rock (Assays of 0.220 oz./ton Au & 7.24 oz./ton Aq & 1.61% Cu).

Sample #86964B (Stn. 9): - 40 cm. continuous chip sample from one vein (Assays of 0.020 oz./ton Au & 0.42 oz./ton Aq).

Sample #86965B (Stn. 10): - 60 cm. continuous chip sample from one vein (Assays of 0.216 oz./ton Au & 1.72 oz./ton Ag & 0.71% Cu).

<u>Sample #86966B (Stn. 11):</u> - 50 cm. continuous chip sample from one vein (Assays of 0.050 oz./ton Au & 1.33 oz./ton Ag & 0.013% Cu).

<u>Sample #86967B (Stn. 11)</u>: - 35 cm. sample of wall rock above vein (Assays of <0.003 oz./ton Au & 0.01 oz./ton Aq).

Sample #86968B (Stn. 11): - 35 cm. sample of wall rock below
vein (Assays of 0.003 oz./ton Au & 0.32 oz./ton Ag).

Sample #86969B (Stn. 12): - continuous chip sample, 45 cm. wide, from one vein (Assays of 0.003 oz./ton Au & 0.28 oz./ton Ag).

Sample #86970B (Stn. 13): - continuous chip sample, 20 cm. wide, from one vein (Assays of 0.005 oz./ton Au & 0.28 oz./ton Aq).

Sample #86971B (Stn. 14): - continuous chip sample, 10 cm. wide, from one vein (Assays of 0.010 oz./ton Au & 0.60 oz./ton Aq).

Sample #86972B (Stn. 15): - continuous chip sample, 10 cm. wide, from one vein (Assays of 0.086 oz./ton Au & 1.42 oz./ton Ag).

<u>Sample #86973B (Stn. 16)</u>: - continuous chip sample, 5 cm. wide, from one vein (Assays of 0.012 oz./ton Au & 0.20 oz./ton Aq).

Sample #86974B (Stn. 17): - continuous chip sample, 30 cm. wide, from one vein (Assays of 0.010 oz./ton Au & 1.20 oz./ton Aq).

Sample #86975B (Stn. 18): - chip sample, 75 cm. wide, from 5 cm. wide upper vein, 50 cm. of host rock between veins and 20 cm. wide lower vein (Assays of 0.138 oz./ton Au & 2.54 oz./ton Ag).

Sample #86976B (Stn. 19): - continuous chip sample, 40 cm. wide, from one vein (Assays of 0.456 oz./ton Au & 2.95 oz./ton Aq).

Sample #86977B (Stn. 20): - continuous chip sample, 40 cm. wide, from one vein (Assays of 0.280 oz./ton Au & 2.08 oz./ton Ag).

<u>Sample #86978B (Stn. 21):</u> - continuous chip sample, 55 cm. wide, from one vein (Assays of 0.242 oz./ton Au & 5.42 oz./ton Aq & 0.86% Cu).

The Bema program resulted in the recommendation of further work, including geological mapping, surveying and diamond drilling.

Near the end of 1986, Canamax Resources Inc. carried out sampling on the property. A total of twenty-six samples were taken. The (approximate) sample locations are plotted on Figure 6-2 and described below:

<u>Sample 86CCA20</u>: - elevation 4380'; at drop-off spot at lip of cirque below glacier; old claim post; boulders of quartz up to 2' in diameter with an average of 1% pyrite and 1% chalcopyrite; this spot is about 200 feet directly below area sampled by Bema in 1980; sample is float taken over 200' along talus (Assays of <u>0.005 oz./ton Au</u> & <u>0.12 oz./ton Aq</u>).

<u>Sample 86CCA21</u>: - elevation 4500'; about 600' from drop-off spot; sample from 18" wide vein trending 025/15W; essentially bull quartz with argillite fragments and very minor galena (Assays of 4.300 oz./ton Au & 2.32 oz./ton Aq).

<u>Sample 86CCA22</u>: - elevation 4450'; quartz vein 24" wide below fault offset of 150' to 200' horizontally, 50' vertically; average of 3% pyrite and 3% galena disseminated in outer third of vein (Assays of 0.100 oz./ton Au & 0.40 oz./ton Aq).

Sample 86CCA23: - 100' to 150' from Sample 86CCA22; quartz vein here is 18" to 48" thick; best grade yet with seams of sulphides in 1/4" bands parallel to contacts; estimate 5% galena, 3% pyrite, 1% chalcopyrite; not a very good sample - 1/2 pound of above average grade material (Assays of 2.350 oz./ton Au & 2.42 oz./ton Aq).

Sample 86CCA24: - elevation 4300'; bull quartz vein, 065/15W, 6" to 15" wide, broken up into several (2 to 4) strands over width of 5'; no sulphides; continues for about 50'; cut off by andesite dyke within 20' of talus to the east; pinches out to the west; 95 metres measured from upper portal; upper portal elevation 4250'; portal direction is 135° and is driven for 35' on an 8" wide shear zone trending 135/80W; no vein at this location; lower portal at elevation 4180' was driven for 30' at a direction of 100° on a 12" wide bull quartz vein trending 060/15W (Assays of 0.001 oz./ton Au & 0.04 oz./ton Aq).

<u>Sample 86CCA25</u>: - elevation 4320'; vein above adit; here it is split into two veins 5' to 6' apart, 12" to 18" wide; locally 10% galena, 2% chalcopyrite adjacent to footwall of upper vein; adjacent to hornblende granodiorite dyke (Assays of <u>0.640 oz./ton Au</u> & <u>3.22oz./ton Aq</u>).

<u>Sample 86CCA26</u>: - same location as Sample 86CCA265 but high grade material only, about 20% of total vein more or less (Assays of 1.260 oz./ton Au & 3.36 oz./ton Aq).

Sample 86CCA31: - 0.13 m. thick, weakly rusty (Assays of 0.004 oz./ton Au & 0.08 oz./ton Aq).

<u>Sample 86CCA32</u>: - 0.15 m. thick, 2% galena (Assays of 0.040 oz./ton Au & 0.46 oz./ton Aq).

Sample 86CCA33: - 0.30 m. thick, 2% pyrite (Assays of 0.027 oz./ton Au & 0.08 oz./ton Aq).

Sample 86CCA34: - 0.30 m. thick, 2% pyrite (Assays of 0.009 oz./ton Au & 0.12 oz./ton Aq).

<u>Sample 86CCA35</u>: - 0.18 m. thick, 2% pyrite (Assays of 0.011 oz./ton Au & 0.02 oz./ton Ag).

Sample 86CCA36: - 0.30 m. thick, 2% pyrite, 1% chalcopyrite (Assays of 10.900 oz./ton Au & 7.40 oz./ton Aq).

<u>Sample 86CCA37</u>: - 0.38 m. thick, in two sections separated by 0.3 m. of unsampled hornfels (Assays of 0.925 oz./ton Au & 0.48 oz./ton Aq).

Sample 86CCA38: - 0.08 m. thick (Assays of 0.096 oz./ton Au & 0.12 oz./ton Aq).

Sample 86CCA39: - 0.40 m. thick (Assays of 0.505 oz./ton Au & 4.12 oz./ton Aq).

Sample 86CCA40: - 0.40 m. thick (Assays of 0.004 oz./ton Au & 0.02 oz./ton Aq).

<u>Sample 86CCA41</u>: - 0.08 m. thick, 5% galena, 1% chalcopyrite (Assays of 0.086 oz./ton Au & 1.50 oz./ton Ag).

Sample 86CCA42: - 0.08 m. thick, 40% fault gouge (Assays of 0.024 oz./ton Au & 0.14 oz./ton Aq).

Sample 86CCA43: - 0.46 m. thick (Assays of 0.005 oz./ton Au & 0.02 oz./ton Aq).

Sample 86CCA44: - 0.56 m. thick (Assays of 0.002 oz./ton Au & 0.02 oz./ton Aq).

<u>Sample 86CCA45</u>: - 0.05 m. thick, brecciated with 60% hornfels fragments (Assays of 0.022 oz./ton Au & 0.20 oz./ton Ag).

Sample 86CCA46: - 0.63 m. thick (Assays of 0.020 oz./ton Au & 0.22 oz./ton Aq).

<u>Sample 86CCA47</u>: - 0.50 m. thick, in two sections separated by 1.12 m. of unsampled hornfels; 1% galena, 1% chalcopyrite (Assays of <u>0.190 oz./ton Au</u> & <u>3.36 oz./ton Aq</u>).

Sample 86CCA48: - 0.13 m. thick (Assays of 0.016 oz./ton Au & 0.16 oz./ton Ag).

<u>Sample 86CCA49</u>: - 0.61 m. thick, at convergence of two veins (Assays of 0.001 oz./ton Au & 0.06 oz./ton Ag).

#### 6.0 GEOLOGY

#### 6.10 REGIONAL GEOLOGY

The geology of the Terrace map area has been compiled most recently by Woodsworth (1985). The pertinent portion of this compilation is shown on Figure 6-1. The area on the west side of the Skeena River from Shannon Creek to Quill Creek, which includes the Carpenter Creek drainage is shown as largely unmapped territory. The area around Mt. Knauss, to the northwest of the <u>Paddy-Mac Gold Property</u>, is underlain by intrusive rocks ranging from Tertiary to Late Cretaceous in age.

### 6.20 LOCAL GEOLOGY

#### 6.210 Work Done

During the period of August 23<sup>rd</sup> to 26<sup>th</sup>, 1990, geological mapping and sampling traverses were conducted on portions of the property. Survey control for the mapping traverses was achieved using compass, hip-chain, clinometer and altimeter. The results of these traverses, along with locations of recent and previous sampling, are shown in Figure 6-2. A total of five samples were taken for assay and are described below:

<u>Sample 467851</u>: - at survey site C36; chip sample of 30 cm. wide quartz vein in argillite (Analysis of <u>5 p.p.b. Au</u>).

<u>Sample 467852</u>: - from survey site A2 at lower adit; chip sample of 30 cm. wide quartz vein in argillite (Analysis of 35 p.p.b. Au).

<u>Sample 467853</u>: - chip sample from 2.0 m. wide quartz/argillite/breccia zone; 25 m. @ 233<sup>0</sup> from survey site A2 (Analysis of 3060 p.p.b. Au).

<u>Sample 467854</u>: - selected sample from same site as Sample 467853 with visible galena, pyrite and chalcopyrite (Analysis of >10000 p.p.b. Au; Reassay of 0.486 oz./ton Au).

<u>Sample 467855</u>: - chip sample from 1.0 m. wide quartz/argillite/breccia zone above survey site A1; (Analysis of 1040 p.p.b. Au).

#### 6.220 Rock Types & Alteration

The most prominent rocks observed during the mapping program were dark grey-black often rusty argillaceous sediments. These sediments are cut by a series of lamprophyre and felsitic dykes that strike northwest with vertical dips that offset the veins.

Prominent light-coloured dykes cut all other rock types and also cut the quartz veins. These dykes are thought to be outliers from the main batholith to the west. They strike northwest and are steeply-dipping or vertical.

Quartz veins on the property vary in thickness from a few centimetres to a metre or more. They strike roughly 0300 and dip gently into the face of the cliff at about 200 to 300 south. The general surface trace of the veins is nearly east/west as the trace crosses from the base of the cliffs in the east and rises in elevation as the trace moves westwards and upwards. The cliff runs east/west and drops off to the north. The quartz veins cross-cut the bedding and are sometimes accompanied by a selvedge of veinlets in the footwall and sometimes in the hanging wall.

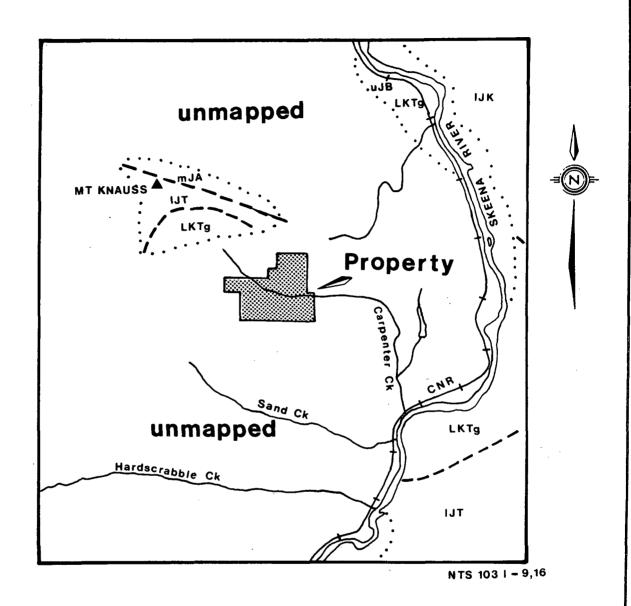
#### 6.230 Structure

Several fault structures were observed during mapping and sampling programs. These faults have no apparent systematic orientation and there is no systematic strikeslip component to them.

The sedimentary beds are warped and folded to some extent. This factor, combined with the observed faulting, would help to explain the pinching/swelling/brecciation observed with respect to the quartz veins as well as the variations in gold, silver and base metal concentration along and across the veins.

#### 6.240 Mineralization

Economic mineralization within and immediately surrounding the quartz veins consists of visible galena and chalcopyrite with erratic gold and silver values detected by assaying. The mode of occurrence of the gold and silver is not known. Gold assays of up to 10.800 oz./ton have been obtained from selected samples.



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Burton Consulting Inc.

Paddy-Mac Cls.

# Regional Geology

After Woodsworth, 1985

**NOVEMBER 9, 1990** 

FIG. 6-1

## LEGEND

(To Accompany Figure 6-1)

 $u^{\text{JB}}$ 

Middle & Upper Jurassic Bowser Lake Group: marine and non-marine sandstone, siltstone, shale.

 $\mathtt{m}^{\mathbf{J}}\mathtt{A}$ 

Middle & Upper Jurassic Ashman Formation: thin-bedded siltstone, shale, greywacke, conglomerate.

 $I^{J}T$ 

<u>Upper Triassic & Lower Jurassic Telkwa</u>
<u>Formation</u>: volcanic flows & tuffs; minor sediments including metamorphosed equivalents.

 $I^{\mathbf{J}}K$ 

<u>Upper Triassic & Lower Jurassic Telkwa</u>
<u>Formation (Kiselas Volcanics)</u>: rhyolitic flows, tuffs, breccias.

 $_{
m L}$ KTg

<u>Late Cretaceous</u> post-tectonic quartz diorite, diorite, granodiorite

## 7.0 RECOMMENDATIONS

Further work is recommended on the <a href="Paddy-Mac Gold">Paddy-Mac Gold</a>
<a href="Property">Property</a> including:

- a surveying program (transit & <u>E</u>lectronic <u>D</u>istance <u>M</u>eter) to establish a sufficient number of reference points to enable accurate drilling and sampling.
- further geological mapping and sampling to fill in and potentially extend knowledge of the vein structures.
- a diamond drilling program (large core) to test the extent of mineralized zones ("ore shoots").

## 8.0 COST STATEMENT

Cost information for the items marked \*\* in this cost statement have been supplied by Aattari Gold Ltd.

## <u>Personnel</u>: Alex Burton

_	July	30	field work	(1 day)	\$425.00
_	Aug.	1	travel	(1/2 day)	212.50
_	Aug.	17	report	(3 hrs.)	210.00
_	Oct.	9	re assays	(1 hr.)	70.00
_			edit report	(1/2  day)	212.50

## Fred Loutitt

- Aug. 23 to Aug. 26 (incl.) field work 4 days @ \$230.00 \$920.00

## Doug Symonds

Aug. 23 to Aug. 26 (incl.) field work 4 days @ \$350.00 \$1,400.00
Nov. 6 to Nov. 7 (incl.) report 2 days @ \$350.00 700.00

## Dennis Wager

- Aug. 23 to Aug. 26 (incl.) field work 4 days @ \$187.50 \$750.00

## Reg Neil (Neil's Mining Service)

- Aug. trip to property \*\*\$360.00

## Jim Bruce

- Aug. travel & field work \*\*\$1,000.00

Total Personnel: \$6,260.00

#### Accommodation:

- July 30 motel \$37.44 - Aug. travelling, ferry,

meals \*\*90.00

- Aug. hotel \*\*128.40

Total Accommodation: \$ 255.84

**BURTON CONSULTING INC.** 

## Food & Meals:

- July 30	meal	\$7.00
- July 30	meal	29.00
- Aug. 22	groceries	257.22
- Aug. 22	meal	71.30
- Aug. 22	meal	31.80

## Total Food & Meals: \$ 396.32

# Supplies:

July	30	film	\$7.17
Aug.	17 .	pitons	59.26
Aug.	17	pitons	18.00
Aug.	22	rope	64.43
Aug.	22	maps	40.16
Aug.	22	copies	2.81
Aug.	31	tent rental	6.90
	Aug. Aug. Aug. Aug.	July 30 Aug. 17 Aug. 17 Aug. 22 Aug. 22 Aug. 22 Aug. 31	Aug. 17 pitons Aug. 17 pitons Aug. 22 rope Aug. 22 maps Aug. 22 copies

Total Supplies: \$ 198.73

## Transportation:

- July 30	taxi	\$11.00
- Aug. 22	qas	26.45
- Sep. 4	helicopter	732.78
- Sep. 24	helicopter	632.96
- Aug.	airfare	**490.20
- Aug.	travel expenses,	
•	equip, mileage	**1.249.43

Total Transportation: \$3,142.82

## Analytical Costs:

- Oct. 9 Chemex Laboratories \$86.54

Total Analytical Costs: \$ 86.54

## Communications:

- July 26	long distance	\$0.94
- Aug. 4	11	4.43
- Aug. 16	11	1.28
- Aug. 17	11	0.94
- Aug. 22	11	0.61
- Aug. 22	11	1.95
- Aug. 22	11	5.41
- Aug. 27	11	5.65

Total Communications: \$ 21.21

## Miscellaneous:

	2.98
- Aug. 23 bank charge	2.70
- Sep. Aattari Gold Ltd. administration	**596.95
adminite of a of off	0,000

Total Miscellaneous: \$ 614.93

## <u>Drafting & Report Preparation</u>:

- Nov. drafting charges \$334.96

Total Drafting & Report Preparation: \$ 334.96

TOTAL EXPENSES: \$11,311.35

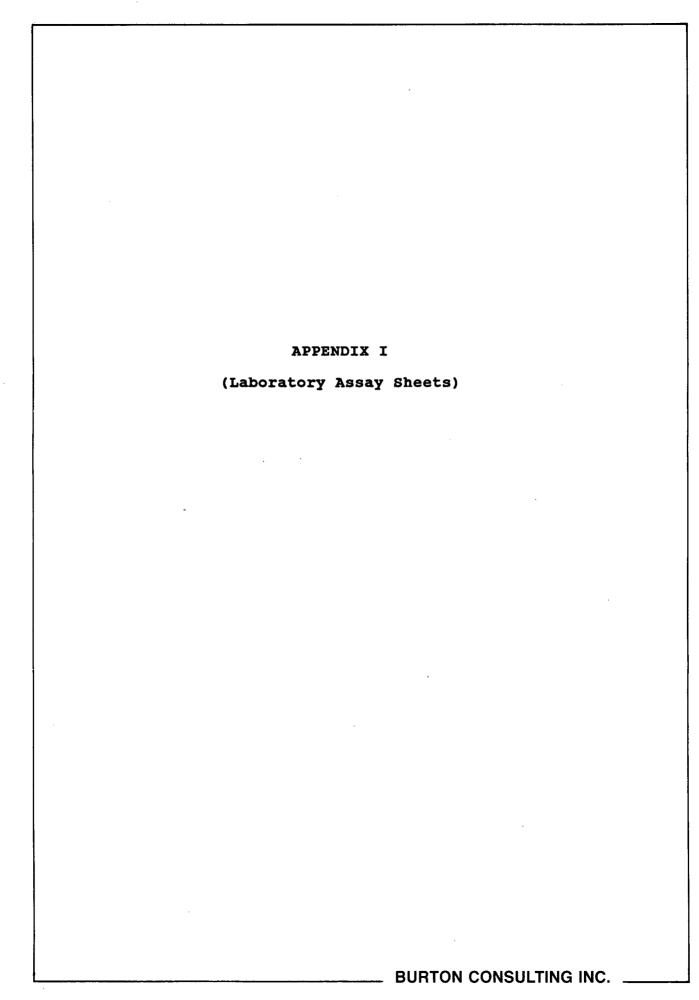
#### 9.0 CERTIFICATE

I, Douglas Frederick Symonds, of #313 - 1750 West 13<sup>th</sup> Avenue, Vancouver, B.C. do hereby state:

- I am a geologist and a graduate of the University of B.C. (B.Sc. - 1972).
- 2) I am a Fellow of the Geological Association of Canada. (Registration #F5496).
- 3) I have practised my profession since graduating in 1972.
- 4) I have based this report on field work carried out under my direct supervision, during the period of August 23<sup>rd</sup> to August 26<sup>th</sup>, 1990 and upon general knowledge of the Terrace area gained from other projects that I worked on.
- 5) I have no interest, either direct or indirect, in the <u>Paddy-Mac Gold Property</u> or in <u>Aattari Gold Ltd.</u>, nor do I expect to receive any such interest.

Signed at Vancouver, B.C. this 9th day of November, 1990.

D.F. Symonds, B.Sc., F.G.A.C. O D. F. SYMONDS A Geologist





# **Chemex Labs Ltd.**

Analytical Chemists \* Geochemists \* Registered Assayers 212 Brooksbank Ave., North Vancouver British Columbia, Canada V7J 2C1 PHONE: 604-984-0221

To: BURTON CONSULTING INC.

901 - 626 W. PENDER ST. VANCOUVER, BC V6B 1V9

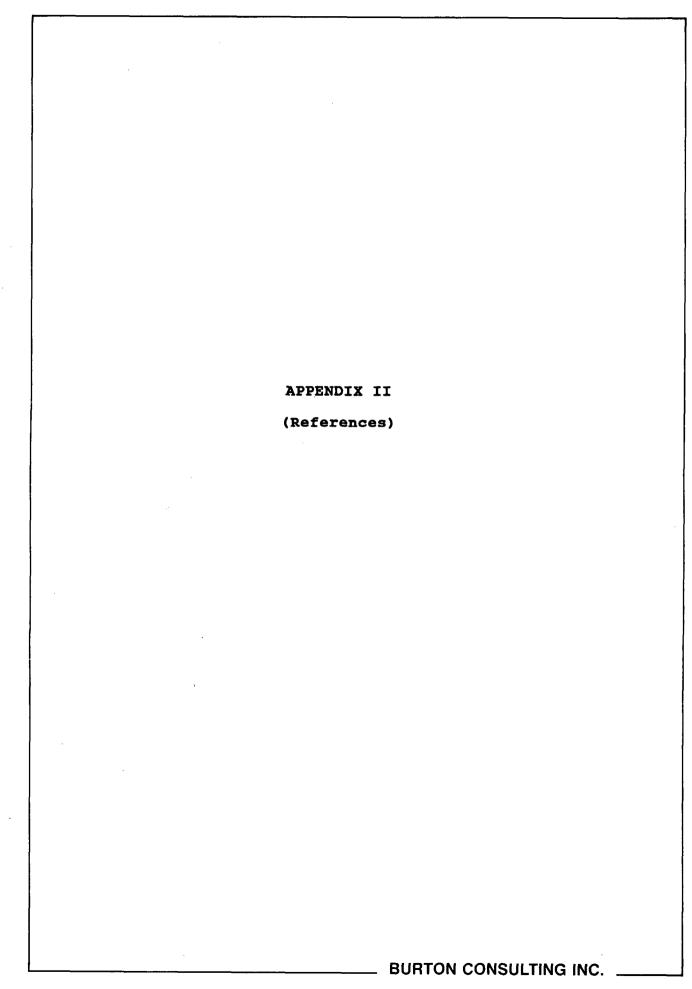
Project : AAT 89-4 Comments:

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CERTIFICATION:\_



## REFERENCES

- Holt, E.S., P.Eng.; "Report of Examination, Review of Sampling Data & Recommendations, Paddy-Mac Gold Claim"; Private Report for Mr. D.W. Coates; November 26, 1986.
- 2) Lockwood, D.; "Sampling Report for Shalimar Resources Ltd. on Paddy-Mac Gold Group; Private Report; September 3, 1980.
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- 4) Michalik, W.J., Ph.D.; "Report on Phase I Geochemical and Geological Exploration of the Paddy Mac Gold Claim"; Private Report; October, 1987.

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