



42A06NE0027 2.15541 CARMAN

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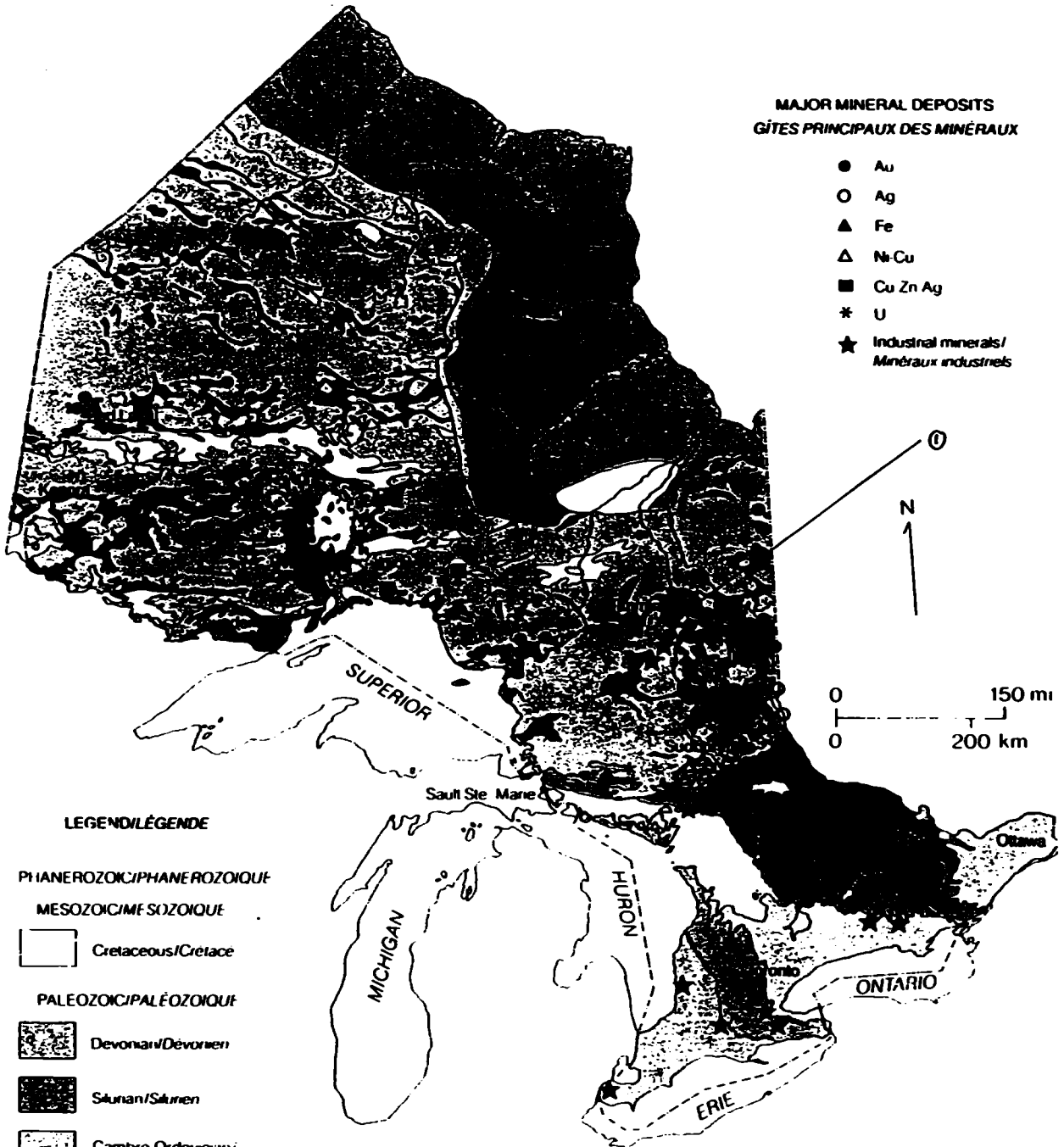
**2.15541**

**RECEIVED**  
OCT 19 1994  
MINING LANDS BRANCH

**Drilling, Prospecting  
&  
Resampling  
On The  
MK Gold Prospect  
Langmuir & Carman Twps.  
Porcupine Mining Division**

**August 7 1994.**

**By: J.K. Filo  
HBSc. Geo.**



① PROSPECT LOCATION

## **INTRODUCTION**

In 1992 Messrs. Kean and Filo carried out exploration work on their Langmuir and Carman Township gold prospect. Work on the prospect consisted of prospecting, recovery of old core for re-sampling and diamond drilling to evaluate new geological ideas.

Results from this program were fairly encouraging with the highlight being the intersection of visible gold in one of the two new drill holes. A more substantial; and detailed account of the program is presented within the following text of this report along with further recommendations for follow-up work.

## **PROPERTY, LOCATION AND ACCESS**

The property consist of 17 contiguous claims as shown in Langmuir and Carman Township (Fig. #S6-1,2). This prospect is located in both Langmuir and Carman Townships SSE of the City of Timmins centre. Access to the property is via the old Langmuir Mine road and a series of old bush roads throughout the property as shown in Fig. #S6-1.

## **PROPERTY HISTORY**

Initial work on this prospect was carried out by Dumont Nickel in 1962 (assessment file T-690). Dumont tested a strong electromagnetic anomaly for base metals and intersected iron formation. A section of this iron formation assayed 0.67 oz/ton Au over a core length of 6 feet (present claim 792481). This zone was considered significant by Messrs. Kean and Filo and seven original claims were staked to cover the zone.

In 1986 the prospect was optioned to Golden Pheasant Resources who staked an additional 29 claims. Golden Pheasant then carried out an extensive exploration program including ground geophysics (mag and I.P.), mapping and 1411m. of diamond drilling. Golden Pheasant did not locate any economic gold values in the iron formation proximal to the Dumont hole despite intersecting pyrrhotite and pyrite bearing quartz veins in the iron formation (Hole 88-2). However Golden Pheasant did intersect significant gold values in two other iron formations

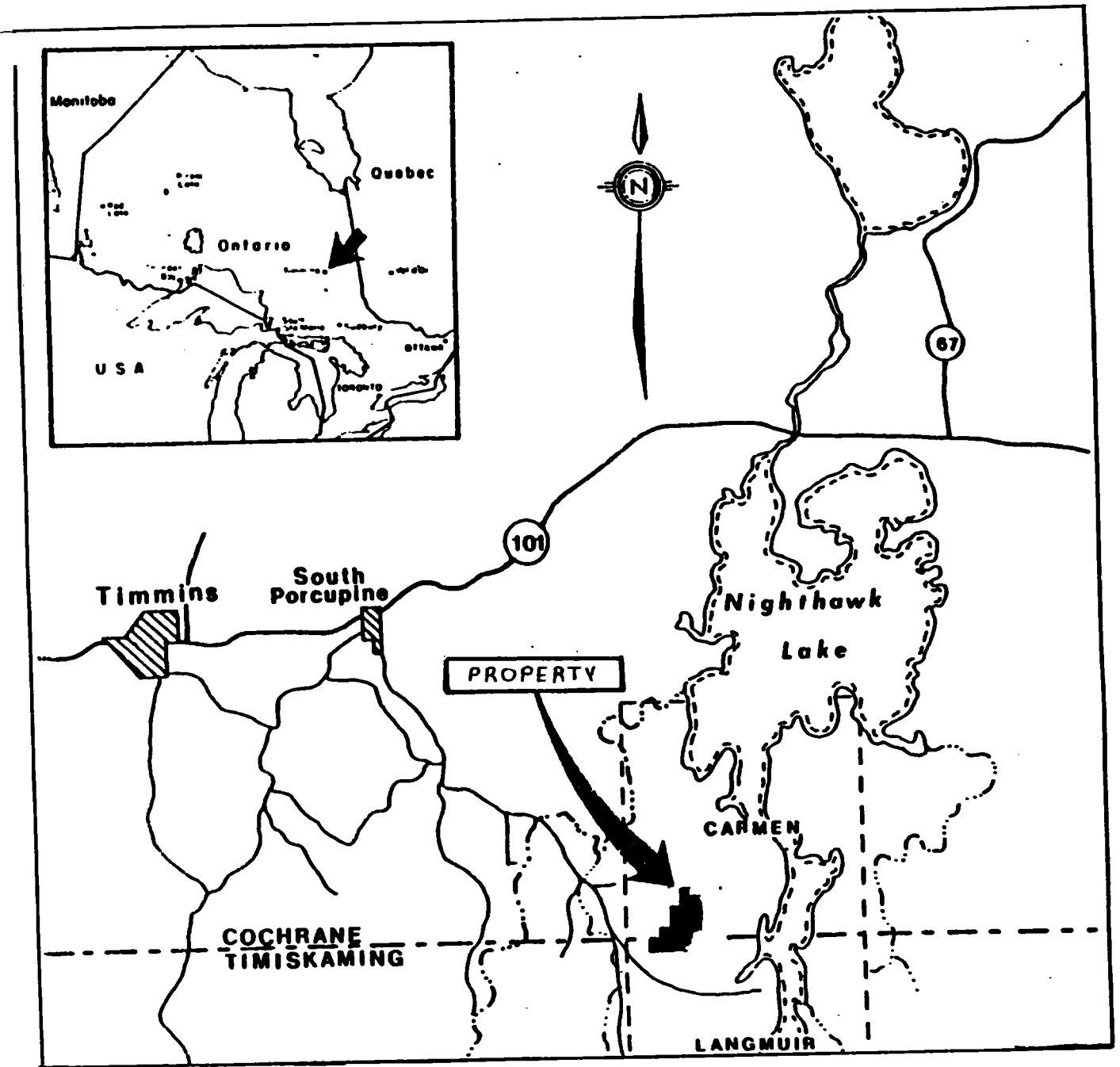


Fig. 36-1

General location: up for Langmuir/ Carmen prospect

Scale: 1cm=2.5 km.



Scale 1cm = 200m.

LANGMUIR TWP  
CARMAN TWP

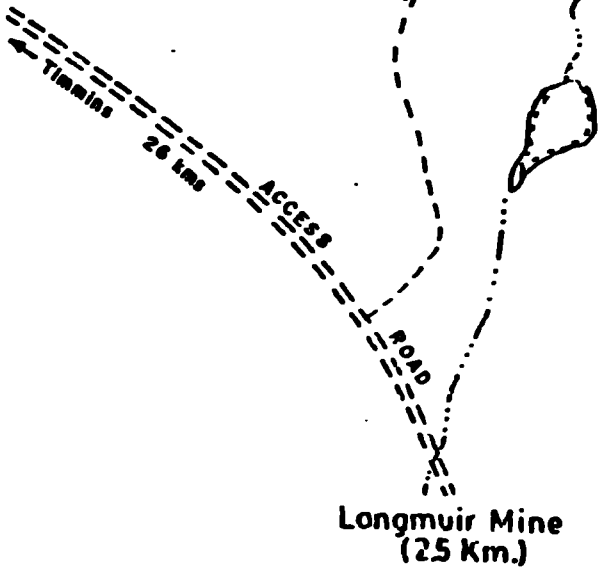
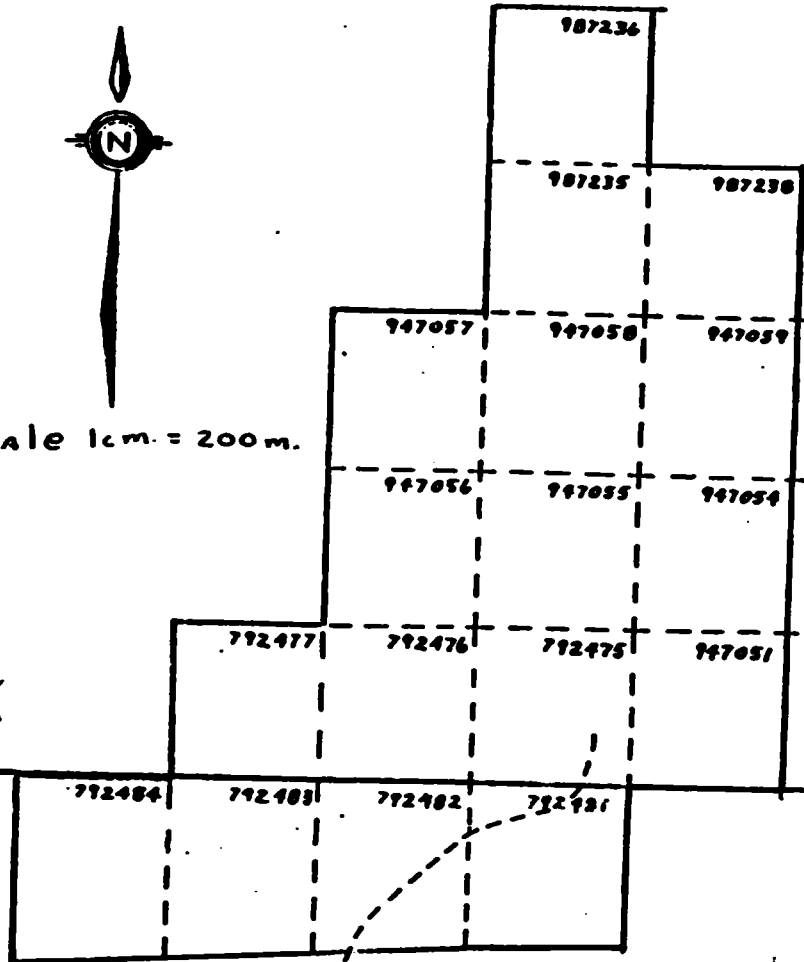


Fig. 35-  
Claim Location Map For  
Langmuir/Carmen Prospect

designated zones B & C in Fig. #S6-3. These values were .185 oz/ton Au over 0.9m (Hole 88-5) and 0.24 oz/ton Au over 1.08m (Hole 88-8) for zones B & C respectively.

Eventually the Golden Pheasant option was dropped and the entire block of claims reverted back to Mr. Filo and Mr. Kean. Of the original 36 claims, 19 claims from the block were optioned to Timmins Nickel while remaining 17 claims with gold values (Fig. S6-2) make up the area of the present gold exploration program (OPAP 1992).

### **PROPERTY GEOLOGY**

A general geological picture of the geology underlying the subject property is shown on O.G.S. Map 2455. This geological picture is supported by property mapping by Golden Pheasant.

Work by Golden Pheasant suggests that the present subject block is underlain by basic to intermediate volcanics, some minor felsic volcanics and iron formation. The units have been intruded by a variety of intrusive dykes including quartz feldspar porphyry, diabase and olivine diabase.

O.G.S. mapping suggests the prospect lies south of the inferred Shaw Dome anticlinal axis; consequently formations on the subject property trend north-south generally and dip eastward.

The present subject property is underlain principally by mafic volcanics; Golden Pheasant Mapping showed both massive and porphyritic units are present. Primary structures within volcanics were not readily discernable and thus it was difficult to determine structural information. In some instances distinct contacts between iron formation and the volcanics was evident. The iron formations strike north and north-north east. This north-north east trend to the stratigraphy is believed to be the general trend for the property.

Fairly minimal amounts of structural information were obtained possibly due to lack of exposure and a rather indiscernable magnetic survey.

The magnetic survey was rather unclear due to overshadowing affects of units with



PROPERTY  
BOUNDARY

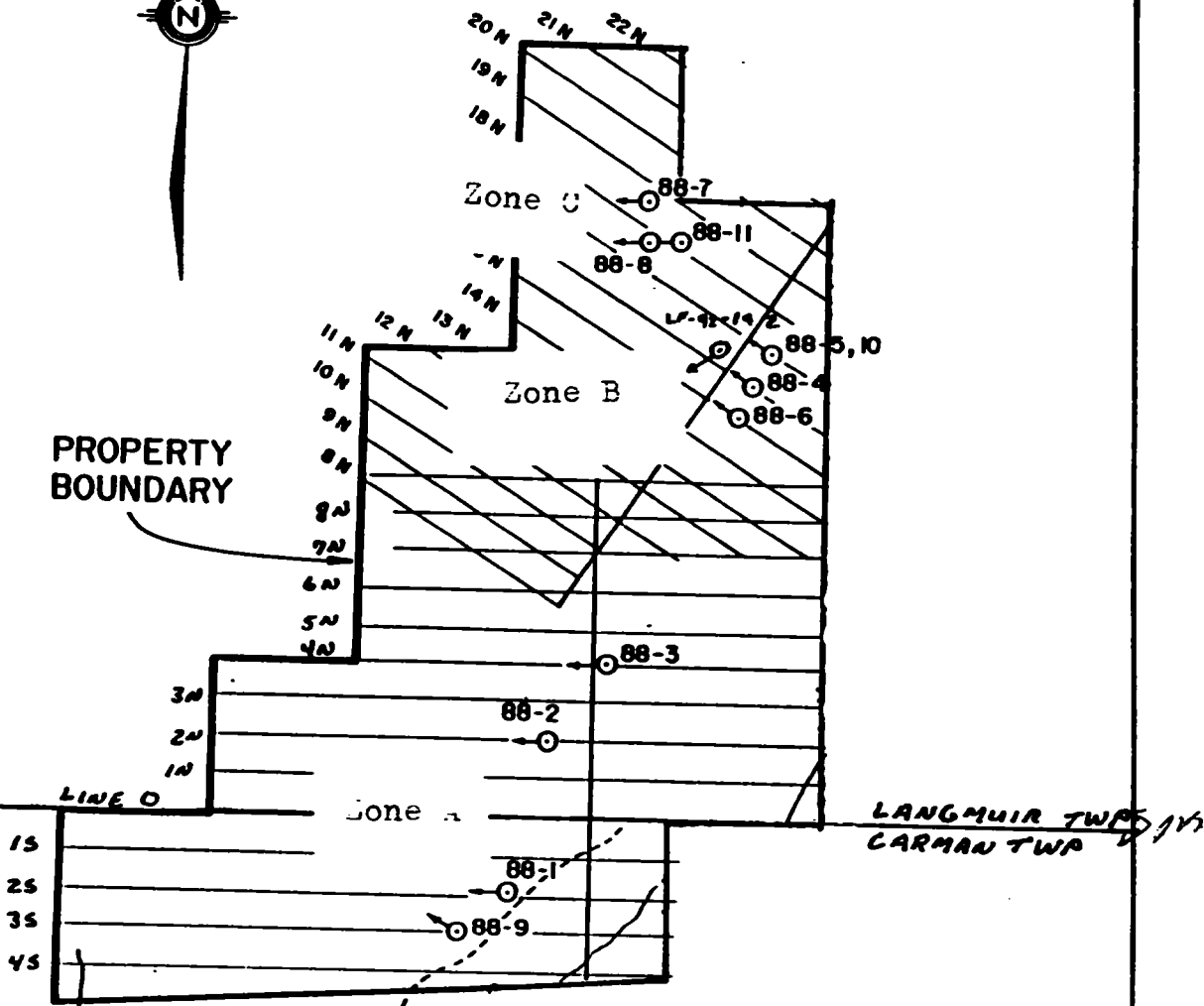


Fig. 88-3  
Jones, Grid & Drill Hole Map  
Langmuir/Carmen Prospect

accessory magnetite and units with a high magnetic affinity such as diabase. However, Golden Pheasant geologists did document one shear system proximal to the township line associated with some green carbonate and minor quartz. Some Golden Pheasant geologists (Croone, N.C. 1989) felt that the porphyritic intrusive (i.e. feldspar porphyry) may have been the mechanism that contributed to the deposition of gold in the iron formation. Such an intrusive and/or similar one may have provided structural conduits in the iron formation for gold to be deposited.

### **DISCUSSION OF PROSPECTING AND DRILL PROGRAM**

The initial proposal for this prospect was to re-drill the old Dumont Nickel Hole and carry out prospecting of other zones.

With this in mind a thorough search of assessment file data, 1960's vintage air photo's and a field search was made in an attempt to locate the old collar. The old collar was not found and it was felt by the prospectors that since an accurate location could not be realistically determined the drill target area should be reprioritized. Thus a further evaluation of known occurrences was made to determine the best area to drill.

Further, during the examination of assessment file it was noted that holes 88-1 to 88-3 were left in the bush. It was felt that it would be of interest to re-examine these holes and if possible find them and deposit them in the core library so that a full spectrum of core from the subject property would be available.

The main work on this prospect was conducted on zones A and B (Fig. #S6-3).

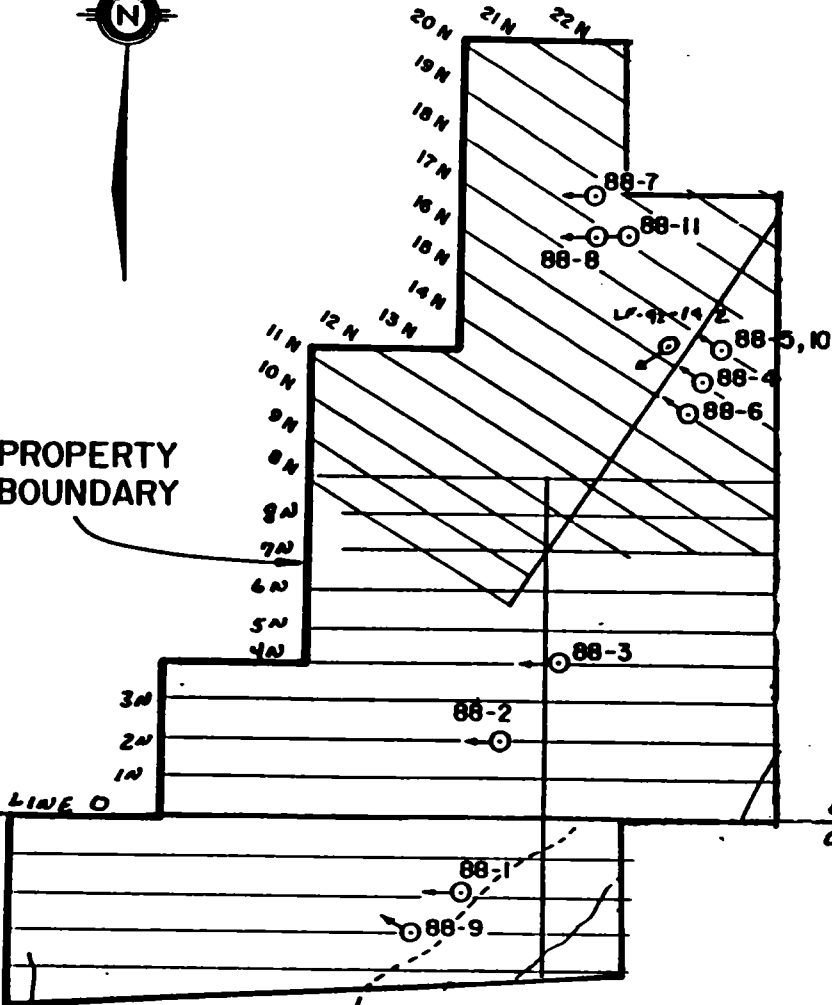
A variety of samples were taken from the main pits on zone (Fig. #S6-5 & S6-5A) and an examination of the structure was made as well. It was noted that the better values came from narrow pyrite quartz stringers, which cross-cut the iron formation. At zone A, in the vicinity of sample MK-6 (Fig. #S6-5C) it was noted there were a number of larger quartz veins, these veins had silicification extending outwards from the

It was felt by this author that the target model for this property was cross-cutting quartz veins with associated silicification and pyritization along iron formation bands, these systems are





PROPERTY  
BOUNDARY



LANGMUIR TWP  
CARMAN TWP

Fig. 58-5

Sample Location Map  
Langmuir/Carmen prospect

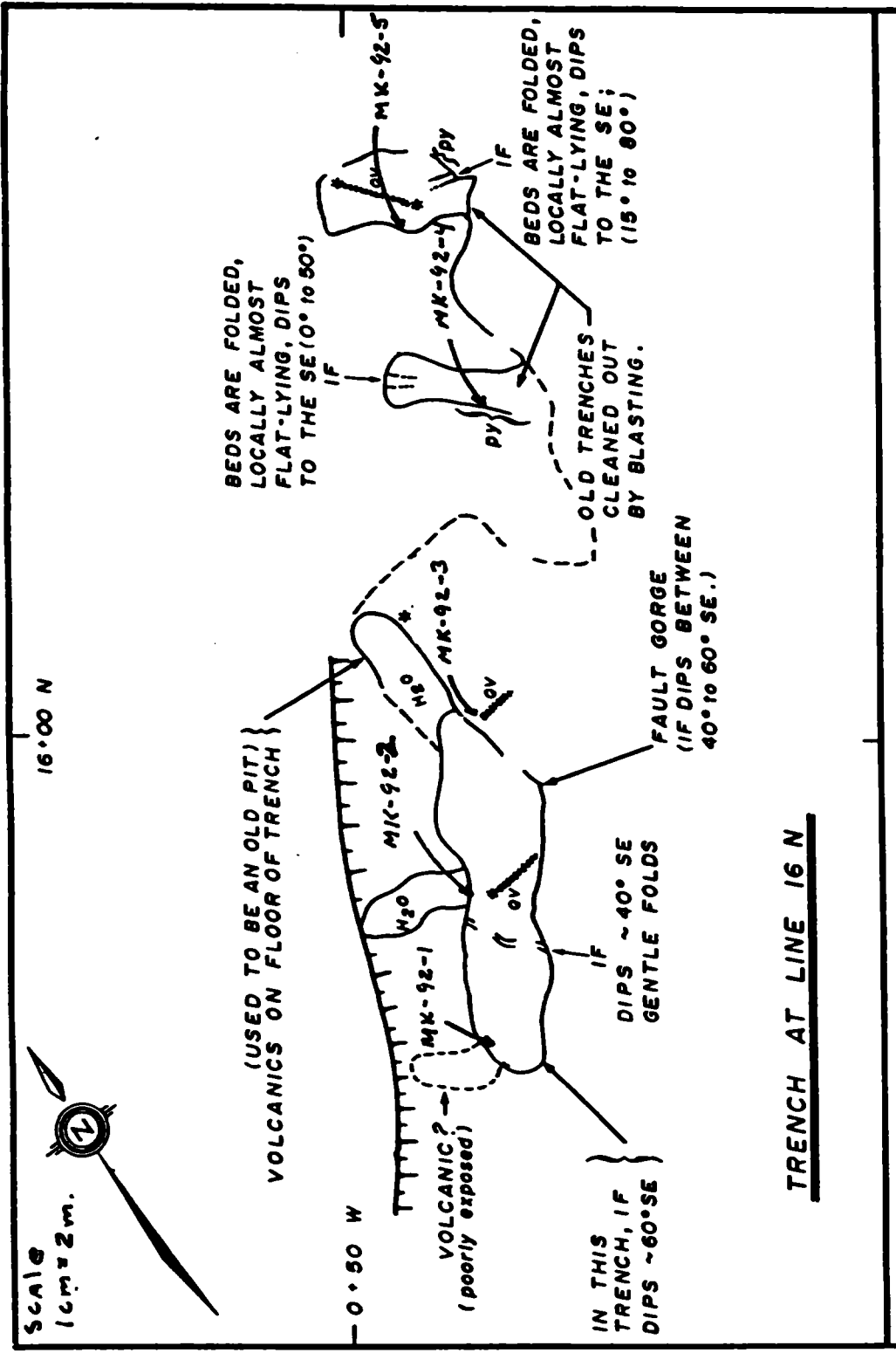


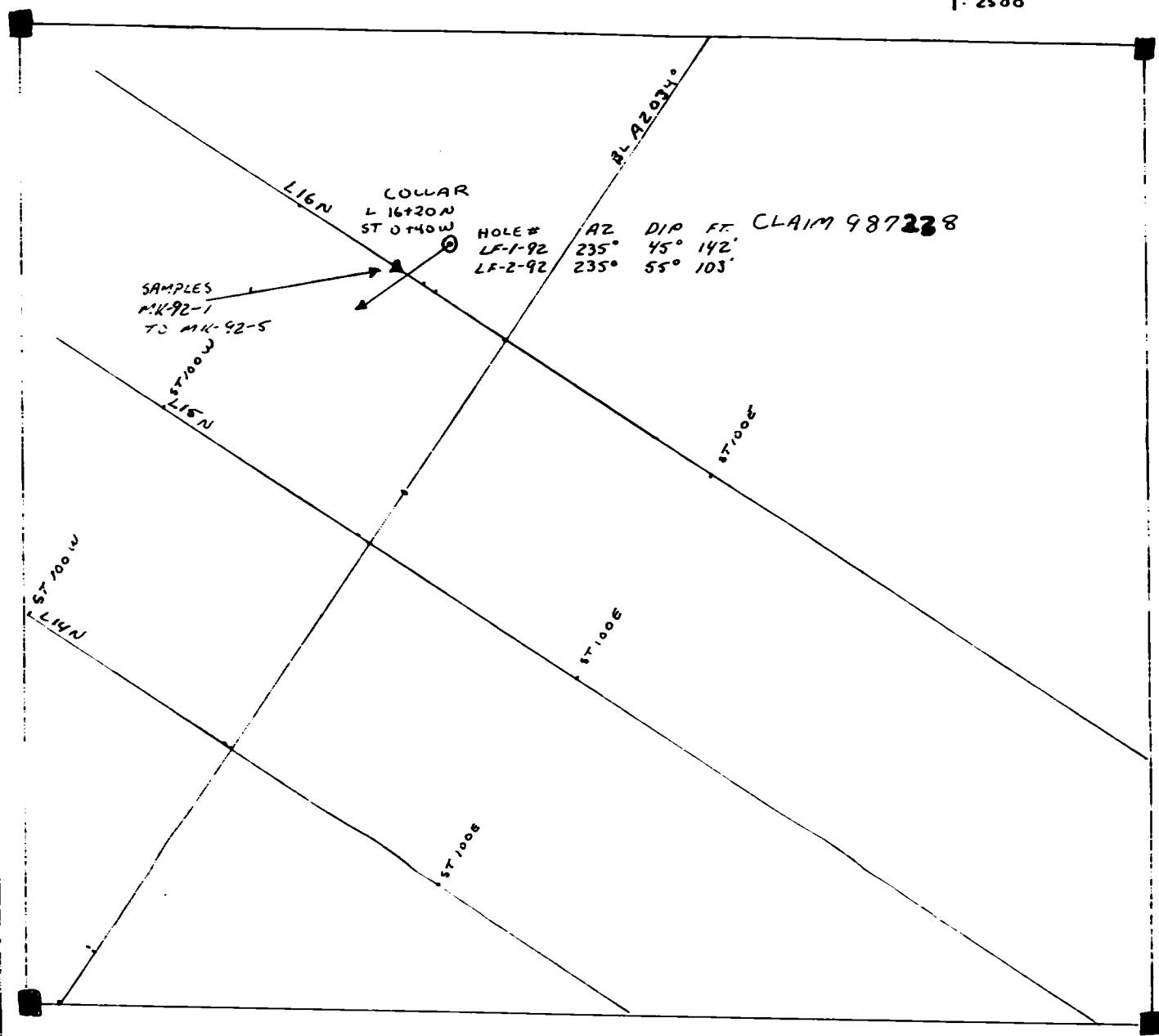
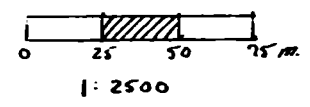
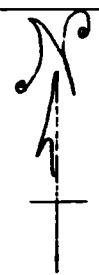
Fig. 15-5A

Detailed Location Map

Port Jone B

Adapted From Golden

Merchant Assessment File  
Data



HOLE #	AZ	DIP	FT.	CLAIM
LF-1-92	235°	45°	142'	987238
LF-2-92	235°	55°	103'	

FIG #5B DRILL HOLE PLAN & SAMPLE LOCATION MAP (DETAIL) AREA B RELATIVE TO CLAIM  
NOTE: ADAPTED FROM GOLDEN PHEASANT ASSES. FILE DATA & FIELD OBSERVATIONS

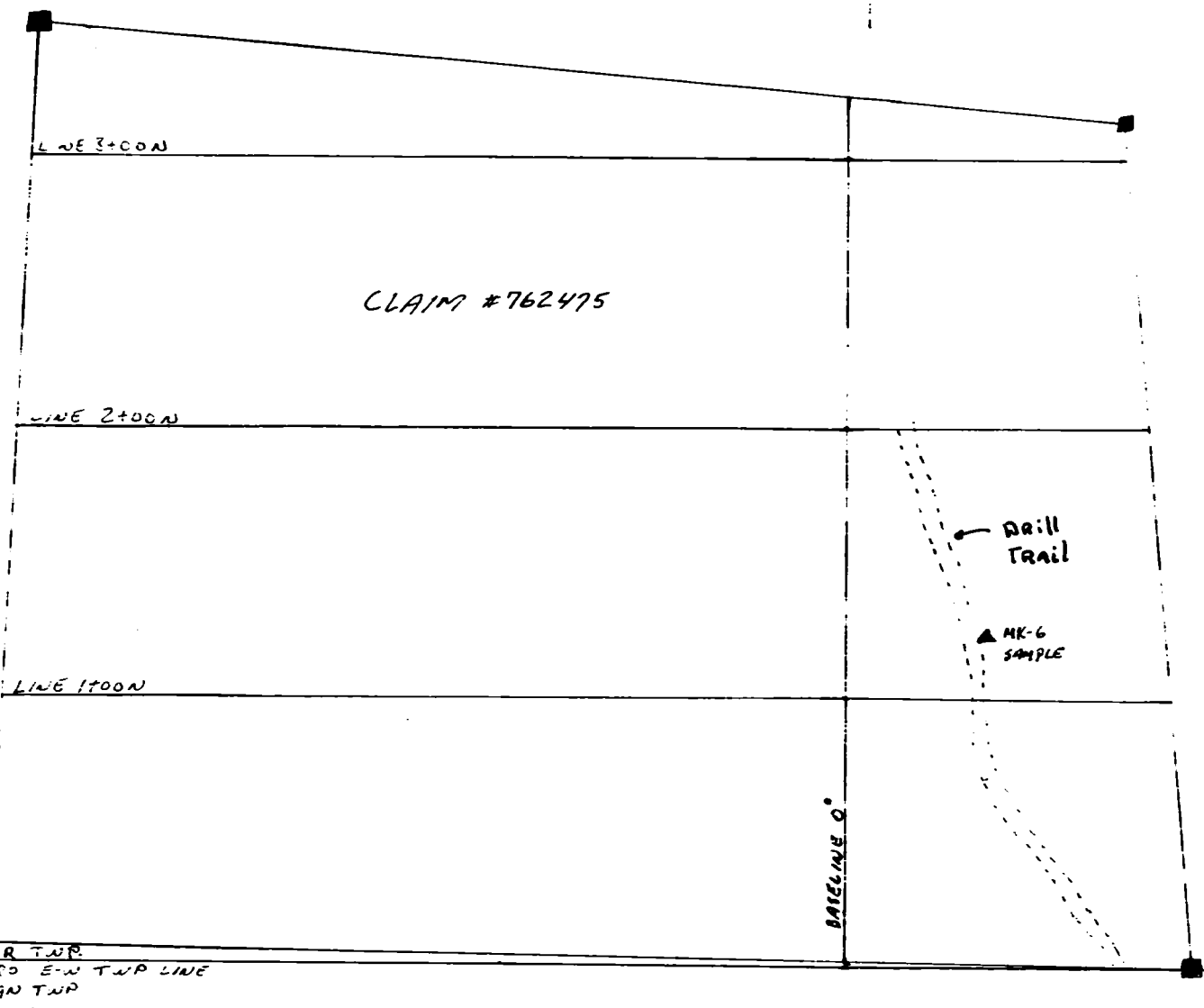
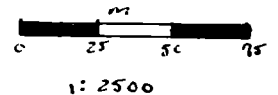


FIG 5C SAMPLE LOCATION MAP FOR SAMPLE MK-6 RELATIVE TO CLAIM & GRID  
ADAPTED FROM GOLDEN PHEASANT ASSES FILE DATA & FIELD OBSERVATIONS

distinctly located within shears or fractures that "cross-cut" the iron formation.

The author believes this is a realistic model for gold mineralization in iron formations around the Shaw Dome from past experience on similar prospects in the area including the Carshaw and Malga deposits.

To evaluate such a deposit properly drilling would have to be done parallel to the iron formations and thus at right angles to the structure and quartz chutes. In the past all drilling was done at right angles to the iron formation to explore for a stratiform or "Lupin Style" gold bearing iron formation.

Thus, recent drilling was laid out parallel to the iron formation at Az 235 ° which allows the hole to cut across potential gold bearing chutes. Holes LF-92-1 and LF-92-2; intersected quartz and silicified iron formation in the tops of the holes. Visible gold was noted in hole LF-92-2. The quartz vein and silicious iron formation contained pyrrhotite and pyrite mineralization in both holes. Assay values in LF-92-1 and LF-92-2 were anomalous in Au at best, note that the visible gold was not put in with the LF-92-2 samples.

After the recently drilled core was logged a review and comparison of intersections was made between holes LF-92-1 and LF-92-2, and mineralized gold bearing sections from older previously drilled holes 88-5 and 88-7 stored at the regional core library. Similarly, a visual examination and comparison was made to the aforementioned holes with the mineralized intersection of pyrite and pyrrhotite bearing quartz vein in iron formation from recently recovered hole 88-2. A distinct similarity exists between all intersection i.e. quartz vein in iron formation with the better values in holes 88-5 and 88-7 associated with more sulphide rich sections of the quartz. Hole 88-2 had significant pyrite and pyrrhotite as well as quartz but poor values. This core was recently re-assayed and once again insignificant gold values were obtained.

Geological evidence to date suggests that gold bearing vein systems (structurally controlled) cross-cut the iron formations and gold occurs within these veins in the iron formation. There also appears to be lower grade gold values associated with silicified pyritized iron formation

SURFACE PLAN CLAIM 987238  
SECTION A2 235°  
LOOKING N.W.

ST  
LINE 16730  
NORTH  
0+40  
WEST

55°  
45°

LF-92-2  
E.O.M. 103'

LF-92-1  
E.O.M. 142'



LEGEND

█ CASING

▨ ZIRCON FORMATION

▩ BASALTS

FIG # S6-6  
LANGMUIR / CARMAN  
PROSPECT  
DRILL HOLE SECTION

BY TRF \* M. KEAN

adjacent those veins. Further, it is apparent that not all veins cutting the iron formation are gold bearing despite similarities in mineralogy. An examination of holes 88-5 and 88-7 suggested there were two periods of quartz injection, one type of vein milky white in colour and one more clear to grey in colour. This type of situation leads the author to believe that there was more than one period of veining and perhaps only certain periods of deposition were gold bearing. This may help to explain the similarities in vein systems and the values obtained in the different holes.

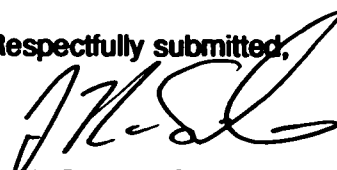
### **CONCLUSIONS AND RECOMMENDATIONS**

It is this author's opinion that this prospect has the potential to host narrow vein quartz bearing gold ore chutes within the evaluated known gold occurrences keeping in mind the structural picture on this prospect.

The following recommendations should be considered:

- i) drill a few more holes in the vicinity of known gold occurrences at right angles to the strike of the iron formation to cross-cut veins at a better angle.
- ii) have a geophysicist examine the mag data to locate areas that the iron formations have thickened due to structure. These areas may contain gold bearing systems. If they do, they may be of significant tonnage as the thicker the iron formation, the greater the depth extent of the vein, as there appear to be little or no gold outside the iron formation.

Respectfully submitted,



J. K. Filo, H.BSc., P.Geo

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**APPENDIX S6-A**

**SAMPLE AND DESCRIPTIONS**

**AND**

**ASSAYS**

## **SAMPLE DESCRIPTIONS**

- MK-92-1  
(Grab)** • sulphide facies iron formation, gossan zone, crenulated cherty bands and quartz stringers of pyrite 1-2%
- MK-92-2  
(Grab)** • magnetic (oxide facies iron formation) with quartz, 60:40 respectively, 2-3% cubic pyrite in veins of quartz
- MK-92-3  
(Grab)** • quartz veinlet in iron formation with 40-50% pyrite, possible speck of VG?
- MK-92-4  
(Grab)** • sample consists of quartz intercalated with sulphide and oxide facies iron formation host rock, wall rock to quartz 70:30 ratio, roughly 15% pyrite in this sample
- MK-92-5  
(Grab)** • quartz vein in sulphide facies iron formation with quartz (20%), roughly 10% pyrite and 10% pyrrhotite as well, and a clut of bornite
- MK-92-6  
(Grab)** • sample mainly sugary pyrrhotite textured quartz/calcite replacement of iron formation band, minor oxide facies iron formation (2-3%) and (2-3%) cubic pyrite in replacement band.

A series of samples 224801 to 224820 were taken from drill core, these sample description are recorded with enclosed logs.



Established 1928

# Swastika Laboratories

A Division of Assayers Corporation Ltd.

Assaying - Consulting - Representation

## Assay Certificate

2W-0879-RA1

Company: **M. KEAN**

Date: AUG-21-92

Project:

Copy 1. BOX 2120, TIMMINS, P4N 7X8

Attn:

2. FAX 268-7411

We hereby certify the following Assay of 5 ROCK samples submitted AUG-14-92 by .

Sample Number	Au oz / ton	Au check oz / ton
MK-92-1	0.006	
MK-92-2	0.060	
MK-92-3	0.326	0.338
MK-92-4	0.035	
MK-92-5	0.058	

Certified by Donna Gardner



**ASSAYERS**  
**LABORATOIRES/LABORATORIES**  
 DIVISION DE/OF ASSAYERS CORPORATION LTD.

780, AV. DU CUIVRE, C.P. 665, ROUYN-NORANDA (QUÉBEC) J9X 5C8 TÉL.: (819) 797-4653 FAX: (819) 797-4601

**Certificat/Certificate**

**2R-1638-RG1**

Comp: **M.KEAN**

Date: **OCT-13-92**

Proj

Att: **J.K.FILO**

Nombre D'Echantillons/No. of Samples:

Soumis le/Submitted: **SEP-28-92**

No. D'Echantillon Sample Number	AU PPB	AU CH'KS PPB	AU CH'KS PPB	AU OZ/TONE	AU CH'KS OZ/TONE	AU CH'KS OZ/TONE
224801	44					
224802	25					
224803	*			0.032	0.032	0.032
224804	380					
224805	448					
224806	56					
224807	125					
224808	54					
224809	7					
224810	8					
224811	25					
224812	88					
224813	52					
224814	34					
224815	59					
224816	170					
224817	31					
224818	17					
224819	9					
224820	8					
MK-92-6	56	48	64			

*Certifié par/Certified by* \_\_\_\_\_

**J.J. Landers**



**APPENDIX 6-B**

**DRILL LOGS**



THE MINING ACT - MINISTRY OF NATURAL RESOURCES  
DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

FILL IN ON EVERY PAGE  
HOLE NO. 45-192  
CLAIM NO. 987238  
PROPERTY NAME L'ANONIMIE / CARMAN TUNDS  
SEE SKETCH

DRILLING COMPANY: L. SALO  
DATE MOLE STARTED: August 29 192  
DATE COMPLETED: August 29 192  
EXPLORATION CO., OWNER OR OPTIONEE: M. Kean & J. K. Pilo

NO. CORE: 17/6  
DATE LOGGED: SEPT 7/42  
DATE SUBMITTED: August 8 1944

VELOCITY: 235  
LOGGED BY: J. K. Pilo  
SUBMITTED BY (Signature): J. K. Pilo

DIAMETER OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM: 6-3000  
LOCATION (Twp., Loc., Com. OR Lot. and Long): L'ANONIMIE / CARMAN TUNDS  
SEE SKETCH

PROPERTY NAME: L'ANONIMIE / CARMAN TUNDS  
SEE SKETCH

STATION: 61620 NORTH  
STATION OPPOSITE: WEST

MAP REFERENCE NO.: 6-3000  
LOCATION (Twp., Loc., Com. OR Lot. and Long): L'ANONIMIE / CARMAN TUNDS  
SEE SKETCH

ASSAYS: 42/1000

FOOTAGE FROM TO	ROCK TYPE	DESCRIPTION	PLANNED FEATURE	DEPTH	THIS SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE LENGTH	ASSAYS
0 to 6'	CASING								
6 to 161'	IRON FORMATION	<p>contains bands of magnetite with quartz veins &amp; minor sections of altered wall rock (see country rock (basalt) notes on 35.95')</p> <p>Small magnetite &amp; quartz respectively</p> <p>- some angles are variable from 700 to 900 to core axis</p> <p>- some evidence of folding of quartz veins at 85'; pyrite &amp; pyrrhotite dots at 85.000 &amp; 85.005</p> <p>- dots beyond in volcanic (basalt) intercalated with iron formation (magnetite) and little or no quartz present</p> <p>- luminae contact along a slip @ 450 f.c.a</p>			224803	6'	9'	2'	
					224804	8'	10'	2'	380
					224805	10'	12'	2'	448
					224806	13'	15'	3'	56
					224807	15'	16'	1'	185
16. 433	Bleached BASALT	<p>- except for the first few inches of this unit the unit is light grey color</p> <p>- going to a bleached appearance</p> <p>- the unit is fine grained with a few coarse medium grained sections noted over 12.6' foot intervals, on fresh broken surface unit is made of a greenish-grey color</p> <p>- a few coarse quartz vesicles noted in this section</p> <p>- unit (concrete) generally at 450 to core axis</p> <p>- unit is well formed fault (ground up)</p>			224808	30'	33'	3'	54
433 to 435	BASALT	<p>- greenish grey unit completely the last six feet from 433 to 435' fairly fine grained matrix unit with specks of calcite throughout</p> <p>around 43' to 54' unit becomes coarser grained, (granular texture), gradational relationship between these 2 coarser grained matrix</p>			224809	98'	99'	1'	7
					224810	100.5'	102.5'	2'	8

\* For features such as foliation, bedding, schistosity, measured from the long axis of the core. \* Additional credit available. See Assessment Work Regulations.



THE MINING ACT - MINISTRY OF NATURAL RESOURCES  
DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

FILL IN ON EVERY PAGE  
MAP REFERENCE NO. LOCATION (T.P., Lot, Cn. OR Lot. and Leng.)  
PROPERTY NAME

HOLE NO. LE-1-42  
PAGE NO. 2  
CLAIM NO.

DRILLING COMPANY		ELEVATION		DIP OF HOLE AT		LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	DATE SUBMITTED	FROM TRUE NORTH	TOTAL FOOTAGE	FOOTAGE	PROPERTY NAME
EXPLORATION CO., OWNER OR OPTIONEE		LOGGED BY		SUBMITTED BY (signature)			

FOOTAGE FROM TO	ROCK TYPE	DESCRIPTION	PLUMMER FEATURE MILE	CORE SPECIMEN FOOTAGE	THIS SAMPLE NUMBER	SAMPLE FOOTAGE FROM TO	SAMPLE LENGTH	ASSAYS
		Color, grain size, texture, minerals, alteration, etc.						
		From 55 to 84 still massive basalt mainly fine grained but some slightly coarser sections still sub-bedded calcite noted throughout section joints marked at 35-40 to s.a. very minor pyrite noted at 80-81.5 from 84 to 100 no significant change still intercalated phases of coarse grained SPANISH BASALT still sub-bedded calcite present						
		From 100 to 122' an orange, as brecciated possibly from 84-100						
		very minor SPANISH zone from 100.25 to 102.25 with some coarse grained calcite, staining around 80 to s.a. also very weak shear into very minor quartz stringers from 100.5 to 101.5						
		E.O.N. 142						
		COKE STORED AT						
		TIMMONS DRILL CORE						
		LIBRARY						



THE MINING ACT - MINISTRY OF NATURAL RESOURCES  
DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

FILL IN ON EVERY PAGE

HOLE NO. PAGE NO.

DRILLING COMPANY L. SALO	BO CORE 1 7/8 in.	ELEVATION 235'	TOTAL FOOTAGE 103	DIP OF HOLE AT collar - 55°	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	YOUR HOLE NUMBER	SAMPLE FOOTAGE FROM TO	SAMPLE LENGTH	ASSAYS +
DATE HOLE STARTED August 29/92	DATE COMPLETED August 31/92	DATE LOGGED SEPT 8/94	LOGGED BY J.K.F. R. 650						
EXPLORATION CO., OWNER OR OPTIONEE M. KLAN + J.K.F. 110	DATE SUBMITTED August 8/94	SUBMITTED BY (Signature) <i>J.K.F.</i>							
PROPERTY NAME L 16 T 20 NORTH STATION 0 T 40 WEST					PROPERTY NAME M.K. GOLD PROJECT				

FOOTAGE FROM TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.
0 7'	CASING	
7 13.5	IRON FORMATION	- this section is composed of magnetite quartz & some altered volcanic material but roughly the ratios 40:35:25. RO SUB material magnetite & altered volcanic
		- clots of pyrite and sphalerite found
		② the magnetite & some black of visible gold
		- variable coarse angular iron RO to C.A. to 450 to C.A. some evidence of vein being folded right at 7'
		- lower contact at 75' to C.A.
13.5 190	Basalt (sheared)	- weakly sheared quartz - green fine grained unit, fabric oriented at roughly 30° to C.A. this section has some minor white @ 19' a few minor quartz clots & blebs are present, this quartz is minor
190 450	WEAKLY SHEARED MASSIVE BASALT	- this unit has coarse fine grained sections, the majority of the unit is fine grained, in this section noted throughout unit, a few quartz blebs noted as well, these are minor





THE MINING ACT - MINISTRY OF NATURAL RESOURCES  
DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

FILL IN ON EVERY PAGE  
HOLE NO. **LF-92-2**  
PAGE NO. **2**  
CLAIM NO.

DATE HOLE STARTED		DATE COMPLETED		ELEVATION		DIP OF HOLE AT	
EXPLORATION CO., OWNER OR OPTIONEE		DATE LOGGED		LOGGED BY		seller	
DATE SUBMITTED		DATE SUBMITTED		SUBMITTED BY (signature)			

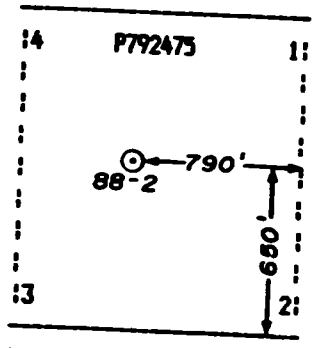
FOOTAGE FROM TO	ROCK TYPE	DESCRIPTION	PLANNER FEATURE NUMBER	CORE SPECIMEN NUMBER	YEAR SAMPLE NUMBER	SAMPLE FOOTAGE		SAMPLE LENGTH	ASSAYS
						FROM	TO		
45	103	MASSIVE BASALT							
		- greenish colored with fine sand							
		weathered subhedral calcite nodules -							
		throughout with							
		- note @ 47' calcite slip with minor							
		quartz oriented 90° to E.A.							
		- from 64' to 103' with some calcite							
		medium grained with some calcite							
		GRAINED almost subhedral quartz/calcite							
		- still lots of subhedral quartz/calcite							
		at base with some 64' to 103'							
		above with small quartz veins in							
		the last section 11"-20" of rare black							
		at pyrite							
		E.U.H. 103'							

NOTE: CORE STORED AT  
TIMMONS DRILL  
CORE LIBRARY

DIAMOND DRILL LOG - JAMES WADE ENGINEERING LTD.

Hole No: 88-2  
Page : 1

Property Owner: Golden Pheasant Resources Ltd.  
 Grid location: 2+00N/1+23W  
 Length: 89 m  
 Core Size: 80 CORE 1 7/16"  
 Claim No: P792475  
 Township: Carman  
 Started: April 5, 1988  
 Logged by: R. Anderson  
 Azimuth: 270 degrees, Grid West  
 Dips: -55 degrees @ 0m, -54 @ 89m  
 Elevation: Surface  
 Drill Company: McKnight Diamond Drilling  
 Completed: April 9, 1988  
 Date Logged: April 9, 1988



Hole location in claim

From (m)	To (m)	Description	From (m)	To (m)	Tag Number	Gold (ppb)	Silver (ppm)
0.0	12.1	Casing, overburden					
12.1	14.3	Altered Diorite. Dark grey with white speckles which could be magnetite altering to carbonate. Non-magnetic, slightly calcareous. medium-grained. Becomes paler near lower contact.	13.3	14.3	018	10	
14.3	14.6	Quartz vein. White with pyrite and calcite-filled fractures. Approximately 5% pyrite. Oriented at 90 degrees to core axis.	14.3 14.6 15.6	14.6 15.6 16.5	019 020 021	30 nil 40-60	
14.6	18.5	Sheared zone, with light and dark alternating bands of andesite and quartz-carbonate. Some folding. Bands are oriented at 50 to 70 degrees to core axis and are 1-5 cm thick. Pyrite, 5%, as irregular blebs in the quartz-carbonate. Minor euhedral grains of pyrite up to 3 mm. in diameter.	16.5 17.5 18.5	17.5 18.5 19.5	022 023 024	20 10 nil	
18.5	89	Altered andesite. Carbonate altered. Lacks the white flecks of the previous diorite. Varying amounts of carbonate alteration and calcite content. Dark green-grey, medium-grained. Foliated at 60 degrees to core axis. Relatively uniform. Crystal boundaries are generally poorly defined. Pyrite, 1-2%, as minor stringers near upper contact and/or euhedral grains up to 5 mm. in diameter. Minor, pink to white, quartz-carbonate veins up to 5 cm thick. Randomly oriented.	24 45.2	24.6 45.5	224801 224802	44 25	* *

38 - coarser grained below this point with mafic minerals clearly altered to chlorite.

X NOTE, Log adapted from Golden Pheasant Log Resampled sections 224 sample number SERIES J. Hill

*R. Anderson*  
T. 31 35

From (m)	To (m)	Description	From (m)	To (m)	Tag Number	Gold (ppb)	Silver (ppm)
		Altered diorite (cont.)					
		41.25-41.8 pink, calcareous, aplite-like vein with sub-angular chloritic xenolith, 5 cm in diameter.					
		61.2 Fracture, clayey. With relatively heavy chlorite alteration. Start to get silicification zones alternating with carbonate alteration. Also get better crystal definition but this does not appear to be related to the alteration.					
89		End of Hole. Problems removing the casing. Casing left in hole.					

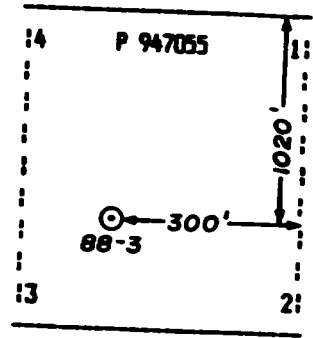


T. 31 35

DIAMOND DRILL LOG - JAMES WADE ENGINEERING LTD.

Hole No: 88-3  
Page : 1

Property Owner: Golden Pheasant Resources Ltd.  
 Grid location: 4+00N/0+22E \_\_\_\_\_ Azimuth: 270 degrees, Grid West \_\_\_\_\_  
 Length: 92.7m \_\_\_\_\_ Dip: -55 degrees @ 0m, -54 @ 92.7 \_\_\_\_\_  
 Core Size: BQ \_\_\_\_\_  
 Claim No: P947055 \_\_\_\_\_ Elevation: Surface \_\_\_\_\_  
 Township: Carman \_\_\_\_\_ Drill Company: McKnight Diamond Drilling \_\_\_\_\_  
 Started: April 9, 1988 \_\_\_\_\_ Completed: April 10, 1988 \_\_\_\_\_  
 Logged by: R. Anderson \_\_\_\_\_ Date Logged: April 10, 1988 \_\_\_\_\_



Hole location in claim

From (m)	To (m)	Description	From (m)	To (m)	Tag Number	Gold (ppb)	Silver (ppm)	
0.0	5.0	Casing, overburden						
5.0	10.2	Altered andesite flow or diorite. Green-grey with white flecks. Medium-grained, slightly calcareous, non-magnetic. White flecks appear to be dolomite. Becomes paler downhole. Foliated at 45 degrees to core axis. Trace of fine disseminated pyrite.	9.3	10m	224814	34	*	
			10	10.8m	224815	59	*	
			10.8	11.8m	224816	170	*	
		Near lower contact the rock is very chloritic and the foliation steepens to near parallel to the core axis.						
10.2	12.9	White quartz vein with white calcite. With 5-10% stringers of pyrrhotite and 3% blebs of pyrite. Some irregular fracturing. Black irregular shale like zone, compatible with sulphide facies exhalite.	9.2	10.2	025	10		
			10.2	10.9	026	40		
			10.9	11.9	027	40-20		
			11.9	12.9	028	20		
12.9	92.7	Altered andesite flow. Grey-green with poorly defined crystal rims. Fine to medium-grained. Pyrite, disseminated, up to 3%. Foliated at 50 degrees to core axis. Non-magnetic	12.9	13.9	029	nil		
			14.6	15.6	030	nil		
			15.6	15.9	031	20		
			15.9	16.9	032	10		
			16.9	17.5	033	20		
		15.6-15.9, 17.1 - Stringer-like zones of calcite with 5-10% pyrite, mostly as blebs, some euhedral grains.						
		Approximately 10%, irregular, up to 1/2 cm carbonate veins. Mafic minerals clearly altered to chlorite.						
		30-35 Calcareous with irregular calcite veins with pyrite and pyrrhotite, 5%.	30.7	31.7	034	10		
			31.7	32.7	035	nil		
			32.7	33.7	036	10		
		47-50 - 1 cm carbonate-filled vesicles. Crystals rims are better defined.	33.7	34.7	037	10		
		72.3-72.8 - Quartz-carbonate vein, pink, oriented at 20 degrees. No sulphides.						

NOTE  
 \* Log adapted from Golden Pheasant Log Resampled Sections 224 Sample number series 17156

T. 31 35

From (m)	To (m)	Description	From (m)	To (m)	Tag Number	Gold (ppb)	Silver (ppm)
		Rock is very uniform. Foliated at 45 degrees.					
	77 - 80.5	Green-pink, carbonate and quartz. Contorted, calcareous. Possible flow breccia zone. Trace of disseminated pyrite.	79.5	80.5	038	nil	
		Finer grained below 85					
92.7		End of hole					
			41.75	41.85m	224817	31	
			72.20	73.65m	224818	17	
			76.45	76.95m	224819	9	
			77.8	78.6m	224820	8	

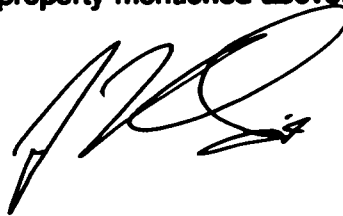
\*NOTE Log adapted from Golden Pheasant Log Resampled Sections 224 sample series  
J. Phil

*R. Anderson*  
T 3135

## **CERTIFICATE**

I, J. K. Filo of 535 Bartleman, Timmins, Ontario, do hereby certify that:

- i) I personally worked on a series of OPAP projects in conjunction with Messrs. Kean and Jones; these projects included prospects in Halcrow, Denyes, Net Lake, Fripp, Nova and Langmuir/Carman.
- ii) I provided geological in-put on all of these projects and provided geological expertise where necessary; I personally carried out all core logging and wrote the reports pertaining to the above mentioned projects.
- iii) I hold an Honours Bachelor of Science degree in geology from Laurentian University, Sudbury, Ontario (1980) and I am a member of the Association of Professional Engineers and Geoscientists of British Columbia.
- iv) I have practised my profession as both a mine and exploration geologist continuously since graduation. I have worked for various mining and exploration companies including Texasgulf Exploration Inc., Urangasellschaft Canada, Amax Potash, Cominco, Pamour Porcupine Mines, Nerco Con Mines and various junior companies.
- v) I hold some interest in all of the property mentioned above.



J. K. Filo, HBSce., P.Geo



# Report of Work Conducted After Recording Claim

Mining Act

Transaction Number  
**W460.00164**

Personal information collected this collection should be directed to Sudbury, Ontario, P3E 6A5, t

It will be used for correspondence. Questions about Mining Act and Mines, Fourth Floor, 159 Cedar Street.

**2.15541**

assessment work or consult the Mining

- Instructions:
- Please Refer to Recorder.



42A06NE0027 2.15541 CARMAN

900

- A separate copy of this form must be completed for each Work Group.
- Technical reports and maps must accompany this form in duplicate.
- A sketch, showing the claims the work is assigned to, must accompany this form.

Recorded Holder(s) <b>J.K. FILO &amp; MARK CHARLES KEAN</b>		Claim No. <b>1317849</b>
Address <b>535 BARTLOMAN, Timmins Ont</b>		<b>151030</b>
Mining Division <b>Porcupine</b>	Township/Area <b>LANSBURG &amp; CARMAN</b>	Telephone No. <b>705-268-2045</b>
Date Work Performed From: <b>August 1992 (First Filing)</b>	To: <b>October 20/1992</b>	Min. or S. Plan No. <b>G-4000 + 6-3226</b>

Work Performed (Check One Work Group Only)

Work Group	Type
Geotechnical Survey	
Physical Work, including Drilling	<b>Diamond Drilling (JRS)</b>
Rehabilitation	
Other Authorized Work	<b>Assessment</b>
Assays	
Assignment from Reserve	

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**RECORDED**  
AUG 08 1994  
Receipt \_\_\_\_\_

Total Assessment Work Claimed on the Attached Statement of Costs \$ **4844.00**

Note: The Minister may reject for assessment work credit all or part of the assessment work submitted if the recorded holder cannot verify expenditures claimed in the statement of costs within 30 days of a request for verification.

Persons and Survey Company Who Performed the Work (Give Name and Address of Author of Report)

Name	Address
<b>Kevin Filo</b>	<b>535 Bartloman, Timmins Ont P4N 7X8</b>
<b>MARK C. KEAN</b>	<b>BOX 2120, TIMMINS ONT. P4N-7X8</b>

(attach a schedule if necessary)

Certification of Beneficial Interest \* See Note No. 1 on reverse side

I certify that at the time the work was performed, the claims covered in this work report were recorded in the current holder's name or held under a beneficial interest by the current recorded holder.

Date: **August 8/94** Recorded Holder or Agent: **[Signature]**

Certification of Work Report

I certify that I have a personal knowledge of the facts set forth in this Work report, having performed the work or witnessed same during and/or after its completion and annexed report is true.

Name and Address of Person Certifying: **J.K. FILO 535 BARTLOMAN Timmins Ont**

Telephone No.: **705-268-9045** Date: **August 8/94** Certified By (Signature): **[Signature]**

For Office Use Only

Total Value Cr. Recorded <b>\$4,844</b>	Date Recorded	Mining Recorder
Deemed Approval Date <b>Nov. 9, 1994</b>	Date Approved <b>OCT. 14, 1994</b>	
Date Notice for Amendments Sent		

**RECEIVED**  
(c)  
AUG 8 1994  
10:10 TR  
PORCUPINE MINING DIVISION

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units
949057	949057	1
949058	949058	1
949059	949059	1
949056	949056	1
949055	949055	1
949054	949054	1
949051	949051	1
949095	949095	1
9492496	9492496	1
9492497	9492497	1
9492484	9492484	1
9492483	9492483	1
9492482	9492482	1
9492481	9492481	1
9892338	9892338	1
<b>Total Number of Claims</b>	<b>15</b>	

Value of Assessment Work Done on this Claim	Value Applied to this Claim
0	346
0	346
0	346
0	346
0	346
0	346
0	346
0	346
0	346
0	346
0	346
0	346
0	346
0	346
0	346
0	346
<b>Total Value Work Done</b>	<b>4844</b>
<b>Total Value Work Applied</b>	<b>4844</b>

Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
<b>Total Assigned from this Claim</b>	<b>4844</b>
<b>Total Reserve</b>	<b>0</b>

Credits you are claiming in this report may be cut back. In order to minimize the adverse effects of such deletions, please indicate from which claims you wish to prioritize the deletion of credits. Please mark (✓) one of the following:

- Credits are to be cut back starting with the claim listed last, working backwards.
- Credits are to be cut back equally over all claims contained in this report of work.
- Credits are to be cut back as prioritized on the attached appendix.

In the event that you have not specified your choice of priority, option one will be implemented.

**Note 1:** Examples of beneficial interest are unrecorded transfers, option agreements, memorandum of agreements, etc., with respect to the mining claims.

**Note 2:** If work has been performed on patented or leased land, please complete the following:

I certify that the recorded holder had a beneficial interest in the patented or leased land at the time the work was performed.	Signature	Date
---	-----------	------





Ministry of  
Northern Development  
and Mines

Ministère du  
Développement du Nord  
et des mines

**Statement of Costs  
for Assessment Credit**

**État des coûts aux fins  
du crédit d'évaluation**

Mining Act/Loi sur les mines

Transaction No./N° de transaction

W440.0264

**2.15541**

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used to maintain a record and ongoing status of the mining claim(s). Questions about this collection should be directed to the Provincial Manager, Minings Lands, Ministry of Northern Development and Mines, 4th Floor, 159 Cedar Street, Sudbury, Ontario P3E 6A5, telephone (705) 670-7264.

Les renseignements personnels contenus dans la présente formule sont recueillis en vertu de la Loi sur les mines et serviront à tenir à jour un registre des concessions minières. Adresser toute question sur la collecte de ces renseignements au chef provincial des terrains miniers, ministère du Développement du Nord et des Mines, 159, rue Cedar, 4<sup>e</sup> étage, Sudbury (Ontario) P3E 6A5, téléphone (705) 670-7264.

**1. Direct Costs/Coûts directs**

**2. Indirect Costs/Coûts indirects**

\*\* Note: When claiming Rehabilitation work indirect costs are not allowable as assessment work.  
Pour le remboursement des travaux de réhabilitation, les coûts indirects ne sont pas admissibles en tant que travaux d'évaluation.

Type	Description	Amount Montant	Totals Total global
Wages Salaires	Labour Main-d'oeuvre		
	Field Supervision Supervision sur le terrain		
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert- conseil	Type DRILLER	3000.00	
	GEOLOGICAL	1600.00	
	ASSAYER	154.00	
Supplies Used Fournitures utilisées	Type		
Equipment Rental Location de matériel	Type		
<b>Total Direct Costs Total des coûts directs</b>			

Type	Description	Amount Montant	Totals Total global
Transportation Transport	Type TRUCK		
	800km @ 30¢/km	240.00	
Food and Lodging Nourriture et hébergement			
Mobilization and Demobilization Mobilisation et démobilisation			
<b>Sub Total of Indirect Costs Total partiel des coûts indirects</b>			
Amount Allowable (not greater than 20% of Direct Costs) Montant admissible (n'excedant pas 20 % des coûts directs)			
Total Value of Assessment Credit (Total of Direct and Allowable indirect costs)		Valueur totale de crédit d'évaluation (Total des coûts directs et indirects admissibles)	

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Note: The recorded holder will be required to verify expenditures claimed in this statement of costs within 30 days of a request for verification. If verification is not made, the Minister may reject for assessment work all or part of the assessment work submitted.

Note : Le titulaire enregistré sera tenu de vérifier les dépenses demandées dans le présent état des coûts dans les 30 jours suivant une demande à cet effet. Si la vérification n'est pas effectuée, le ministre peut rejeter tout ou une partie des travaux d'évaluation présentés.

**Filing Discounts**

**Remises pour dépôt**

1. Work filed within two years of completion is claimed at 100% of the above Total Value of Assessment Credit.
2. Work filed three, four or five years after completion is claimed at 50% of the above Total Value of Assessment Credit. See calculations below:

1. Les travaux déposés dans les deux ans suivant leur achèvement sont remboursés à 100 % de la valeur totale susmentionnée du crédit d'évaluation.
2. Les travaux déposés trois, quatre ou cinq ans après leur achèvement sont remboursés à 50 % de la valeur totale du crédit d'évaluation susmentionné. Voir les calculs ci-dessous.

Total Value of Assessment Credit	Total Assessment Claimed
	x 0.50 =

Valueur totale du crédit d'évaluation	Évaluation totale demandée
	x 0.50 =

**Certification Verifying Statement of Costs**

**Attestation de l'état des coûts**

I hereby certify:  
that the amounts shown are as accurate as possible and these costs were incurred while conducting assessment work on the lands shown on the accompanying Report of Work form.

J'atteste par la présente :  
que les montants indiqués sont le plus exact possible et que ces dépenses ont été engagées pour effectuer les travaux d'évaluation sur les terrains indiqués dans la formule de rapport de travail ci-joint.

that as [Signature] I am authorized  
(Recorder/Holder, Agent, Position in Company)

Et qu'à titre de \_\_\_\_\_ je suis autorisé  
(titulaire enregistré, représentant, poste occupé dans la compagnie)

to make this certification

à faire cette attestation.

Signature [Signature] Date August 8/94



# Report of Work Conducted After Recording Claim

Mining Act

Transaction Number  
**W9460.00165**

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used for correspondence. Questions about this collection should be directed to the Provincial Manager, Mining Lands, Ministry of Northern Development and Mines, Fourth Floor, 150 Cedar Street, Sudbury, Ontario, P3E 6A5, telephone (705) 670-7284.

## 2.15541

- Instructions:**
- Please type or print and submit in duplicate.
  - Refer to the Mining Act and Regulations for requirements of filing assessment work or consult the Mining Recorder.
  - A separate copy of this form must be completed for each Work Group.
  - Technical reports and maps must accompany this form in duplicate.
  - A sketch, showing the claims the work is assigned to, must accompany this form.

Recorded Holder(s) <b>J. K. FILO &amp; M. C. KEAN</b>		Client No. <b>131784 &amp; 151090</b>
Address <b>535 BARTLEMAN, Timmins Ont P4N4K2</b>		Telephone No. <b>268-9045 &amp; 264-2048</b>
Mining Division <b>Poccupinc</b>	Township/Area <b>CARAWAY Langmuir</b>	M or G Plan No. <b>6-4000 &amp; 6-3226</b>
Date Work Performed From: <b>Aug 9/92 (FIRST FIELD DAY)</b>		To: <b>OCT. 20/92</b>

**Work Performed (Check One Work Group Only)**

Work Group	Type
Geotechnical Survey	
Physical Work, including Drilling	<b>Prospecting &amp; Sampling</b>
Rehabilitation	
Other Authorized Work	
Assays	
Assignment from Reserve	

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MINING LANDS BRANCH

Total Assessment Work Claimed on the Attached Statement of Costs \$ 2,155.41

**Note:** The Minister may reject for assessment work credit all or part of the assessment work submitted if the recorded holder cannot verify expenditures claimed in the statement of costs within 30 days of a request for verification.

**Persons and Survey Company Who Performed the Work (Give Name and Address of Author of Report)**

Name	Address
<b>M. C. KEAN</b>	<b>Box 2120, Timmins Ont P4N-7X8</b>
<b>J. K. FILO</b>	<b>535 Bartleman Timmins Ont P4N4K2</b>

(attach a schedule if necessary)

**Certification of Beneficial Interest** \* See Note No. 1 on reverse side

I certify that at the time the work was performed, the claims covered in this work report were recorded in the current holder's name or held under a beneficial interest by the current recorded holder.

Date: **Aug 8/94**      Recorded Holder or Agent (Signature): *[Signature]*

**Certification of Work Report**

I certify that I have a personal knowledge of the facts set forth in this Work report, having performed the work or witnessed same during and/or after its completion and annexed report is true.

Name and Address of Person Certifying: **J. K. FILO 535 Bartleman Timmins Ont P4N4K2**

Telephone No.: **268-9045**      Date: **Aug. 8/94**      Certified by (Signature): *[Signature]*

**For Office Use Only**

Total Value Cr. Recorded <b>\$234.</b>	Date Recorded	Mining Recorder	<p style="text-align: center;"><b>RECEIVED</b> (C) <b>AUG 8 1994</b> 10 10      <b>TJS</b> FOR CLERK MINING DIVISION</p>
	Deemed Approval Date <b>Nov 2 1994</b>	Date Approved	
	Date Notice for Amendments Sent		

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units
	987238	1
	9826495	1
	92415	1
Total Number of Claims		2

Value of Assessment Work Done on the Claim	Value Applied to the Claim
119	\$
119	\$
Total Value Work Done	
238	
Total Value Work Applied	
\$	

Value Assigned from the Claim	Reserve: Work to be Claimed at a Future Date
\$	119
\$	119
Total Assigned from	
\$	
Total Reserve	
238	

Credits you are claiming in this report may be cut back. In order to minimize the adverse effects of such deletions, please indicate from which claims you wish to prioritize the deletion of credits. Please mark (✓) one of the following:

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**Note 1:** Examples of beneficial interest are unrecorded transfers, option agreements, memorandum of agreements, etc., with respect to the mining claims.

**Note 2:** If work has been performed on patented or leased land, please complete the following:

I certify that the recorded holder had a beneficial interest in the patented or leased land at the time the work was performed.	Signature	Date
---	-----------	------



Ministry of  
Northern Development  
and Mines

Ministère du  
Développement du Nord  
et des mines

Statement of Costs  
for Assessment Credit

État des coûts aux fins  
du crédit d'évaluation

Mining Act/Loi sur les mines

Transaction No./N° de transaction  
*W 460.0065*

2.15541

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used to maintain a record and ongoing status of the mining claim(s). Questions about this collection should be directed to the Provincial Manager, Mining Lands, Ministry of Northern Development and Mines, 4th Floor, 150 Cedar Street, Sudbury, Ontario P3E 6A5, telephone (705) 670-7264.

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1. Direct Costs/Coûts directs

2. Indirect Costs/Coûts indirects

\*\* Note: When claiming Rehabilitation work indirect costs are not allowable as assessment work.  
Pour le remboursement des travaux de réhabilitation, les coûts indirects ne sont pas admissibles en tant que travaux d'évaluation.

Type	Description	Amount Montant	Totals Total global
Wages Salaires	Labour Main-d'oeuvre	150	
	Field Supervision Supervision sur le terrain		
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert- conseil	Type <i>Assaying</i>	84	
Supplies Used Fournitures utilisées	Type		
Equipment Rental Location de matériel	Type		
<b>Total Direct Costs Total des coûts directs</b>			

Type	Description	Amount Montant	Totals Total global
Transportation Transport	Type		
Food and Lodging Nourriture et hébergement			
Mobilization and Demobilization Mobilisation et démobilisation			
<b>Sub Total of Indirect Costs Total partiel des coûts indirects</b>			
Amount Allowable (not greater than 20% of Direct Costs) Montant admissible (n'excédant pas 20 % des coûts directs)			
Total Value of Assessment Credit (Total of Direct and Allowable indirect costs)			Valueur totale du crédit d'évaluation (Total des coûts directs et indirects admissibles)

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Note: The recorded holder will be required to verify expenditures claimed in this statement of costs within 30 days of a request for verification. If verification is not made, the Minister may reject for assessment work all or part of the assessment work submitted.

Note : Le titulaire enregistré sera tenu de vérifier les dépenses demandées dans le présent état des coûts dans les 30 jours suivant une demande à cet effet. Si la vérification n'est pas effectuée, le ministre peut rejeter tout ou une partie des travaux d'évaluation présentés.

Filing Discounts

Remises pour dépôt

1. Work filed within two years of completion is claimed at 100% of the above Total Value of Assessment Credit.
2. Work filed three, four or five years after completion is claimed at 50% of the above Total Value of Assessment Credit. See calculations below:

1. Les travaux déposés dans les deux ans suivant leur achèvement sont remboursés à 100 % de la valeur totale susmentionnée du crédit d'évaluation.
2. Les travaux déposés trois, quatre ou cinq ans après leur achèvement sont remboursés à 50 % de la valeur totale du crédit d'évaluation susmentionné. Voir les calculs ci-dessous.

Total Value of Assessment Credit	Total Assessment Claimed
x 0.50 =	

Valeur totale du crédit d'évaluation	Évaluation totale demandée
x 0.50 =	

Certification Verifying Statement of Costs

Attestation de l'état des coûts

I hereby certify:  
that the amounts shown are as accurate as possible and these costs were incurred while conducting assessment work on the lands shown on the accompanying Report of Work form.

J'atteste par la présente :  
que les montants indiqués sont le plus exact possible et que ces dépenses ont été engagées pour effectuer les travaux d'évaluation sur les terrains indiqués dans la formule de rapport de travail ci-joint.

that as *[Signature]* I am authorized  
(Recorder/Holder, Agent, Position in Company)

Et qu'à titre de \_\_\_\_\_ je suis autorisé  
(titulaire enregistré, représentant, poste occupé dans la compagnie)

to make this certification

à faire cette attestation.

Signature <i>[Signature]</i>	Date <i>Aug 8/84</i>
---------------------------------	-------------------------



# Report of Work Conducted After Recording Claim

Mining Act

Transaction Number  
**W9460.0016**  
**2.15541**

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used for correspondence. Questions about this collection should be directed to the Provincial Manager, Mining Lands, Ministry of Northern Development and Mines, Fourth Floor, 159 Cedar Street, Sudbury, Ontario, P3E 6A5, telephone (705) 670-7284.

- Instructions:**
- Please type or print and submit in duplicate.
  - Refer to the Mining Act and Regulations for requirements of filing assessment work or consult the Mining Recorder.
  - A separate copy of this form must be completed for each Work Group.
  - Technical reports and maps must accompany this form in duplicate.
  - A sketch, showing the claims the work is assigned to, must accompany this form.

Recorded Holder(s) <i>Kevin Filo &amp; Mark C. Kean</i>	Client No. <i>18784 &amp; 151090</i>
Address <i>535 Barkman Timmins Ont.</i>	Telephone No. <i>705-9045 &amp; 264-2048</i>
Mining Division <i>Porcupine Div.</i>	Township/Area <i>Langriva &amp; Casimir</i>
Date Work Performed From: <i>Aug 8/92</i> (FIRSTFIELD) To: <i>Oct 20/92</i>	Map & Plan No. <i>6-32269 G-4000</i>

**Work Performed (Check One Work Group Only)**

Work Group	Type
Geotechnical Survey	
Physical Work, including Drilling	
Rehabilitation	
Other Authorized Work	<i>RECOVERY OF OLD LOG &amp; REASSAYING</i>
Assays	
Assignment from Reserve	

**RECEIVED**  
OCT 19 1994  
MINING LANDS BRANCH

Total Assessment Work Claimed on the Attached Statement of Costs \$ *816.00*

**Note:** The Minister may reject for assessment work credit all or part of the assessment work submitted if the recorded holder cannot verify expenditures claimed in the statement of costs within 30 days of a request for verification.

**Persons and Survey Company Who Performed the Work (Give Name and Address of Author of Report)**

Name	Address
<i>J.K. FILO</i>	<i>535 Barkman Timmins Ont P4N 7X8</i>
<i>M.C. KEAN</i>	<i>BOX 2120, TIMMINS ONT. P4N-7X8</i>

(attach a schedule if necessary)

**Certification of Beneficial Interest \* See Note No. 1 on reverse side**

I certify that at the time the work was performed, the claims covered in this work report were recorded in the current holder's name or held under a beneficial interest by the current recorded holder.

Date: *Aug 8/92* Recorded Holder or Agent (Signature): *[Signature]*

**Certification of Work Report**

I certify that I have a personal knowledge of the facts set forth in this Work report, having performed the work or witnessed same during and/or after its completion and annexed report is true.

Name and Address of Person Certifying: *J.K. FILO 535 Barkman Timmins Ont P4N 7X8*

Telephone No.: *268-9045* Date: *Aug 8/94* Certified By (Signature): *[Signature]*

**For Office Use Only**

Total Value Cr. Recorded <i>\$ 816.</i>	Date Recorded	Mining Recorder	<p><b>RECEIVED</b> (c) 1UG 8 1994 10:10 TB PORCUPINE MINING DIVISION</p>
Deemed Approval Date <i>Nov 7/94</i>	Date Approved		
Date Notice for Amendments Sent			

Work Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units
	949057	1
	949058	1
	949059	1
	949056	1
	949085	1
	949084	1
	949051	1
	942495	1
	942496	1
	942497	1
	942484	1
	942483	1
	942482	1
	942481	1
Total Number of Claims		14

Value of Assessment Work Done on this Claim	Value Applied to this Claim
Ø	58
Ø	58
Ø	58
Ø	58
Ø	58
Ø	58
Ø	58
Ø	58
Ø	58
Ø	58
Ø	58
Ø	58
Ø	58
Ø	58
Ø	58
Total Value Work Done	816
Total Value Work Applied	816

Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
Ø	Ø
Ø	Ø
Ø	Ø
Ø	Ø
Ø	Ø
Ø	Ø
Ø	Ø
Ø	Ø
Ø	Ø
Ø	Ø
Ø	Ø
Ø	Ø
Ø	Ø
Ø	Ø
Ø	Ø
Total Assigned From	954
Total Reserve	Ø

Credits you are claiming in this report may be cut back. In order to minimize the adverse effects of such deletions, please indicate from which claims you wish to prioritize the deletion of credits. Please mark (✓) one of the following:

- Credits are to be cut back starting with the claim listed last, working backwards.
- Credits are to be cut back equally over all claims contained in this report of work.
- Credits are to be cut back as prioritized on the attached appendix.

In the event that you have not specified your choice of priority, option one will be implemented.

Note 1: Examples of beneficial interest are unrecorded transfers, option agreements, memorandum of agreements, etc., with respect to the mining claims.

Note 2: If work has been performed on patented or leased land, please complete the following:

I certify that the recorded holder had a beneficial interest in the patented or leased land at the time the work was performed.	Signature	Date
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Ministry of  
Northern Development  
and Mines

Ministère du  
Développement du Nord  
et des mines

**Statement of Costs  
for Assessment Credit**

**État des coûts aux fins  
du crédit d'évaluation**

Mining Act/Loi sur les mines

Transaction No./N° de transaction

W9460.00166

2.15541

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used to maintain a record and ongoing status of the mining claim(s). Questions about this collection should be directed to the Provincial Manager, Minings Lands, Ministry of Northern Development and Mines, 4th Floor, 159 Cedar Street, Sudbury, Ontario P3E 6A5, telephone (705) 670-7284.

Les renseignements personnels contenus dans la présente formule sont recueillis en vertu de la Loi sur les mines et serviront à tenir à jour un registre des concessions minières. Adresser toute question sur la collecte de ces renseignements au chef provincial des terrains miniers, ministère du Développement du Nord et des Mines, 159, rue Cedar, 4<sup>e</sup> étage, Sudbury (Ontario) P3E 6A5, téléphone (705) 670-7284.

**1. Direct Costs/Coûts directs**

Type	Description	Amount Montant	Totals Total global
Wages Salaires	Labour Main-d'oeuvre		
	Field Supervision Supervision sur le terrain		
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert- conseil	Type GEOLOGICAL	600.00	
	ASSAYER	126.00	
Supplies Used Fournitures utilisées	Type		
Equipment Rental Location de matériel	Type		
<b>Total Direct Costs</b> Total des coûts directs			

**2. Indirect Costs/Coûts indirects**

\*\* Note: When claiming Rehabilitation work indirect costs are not allowable as assessment work.  
Pour le remboursement des travaux de réhabilitation, les coûts indirects ne sont pas admissibles en tant que travaux d'évaluation.

Type	Description	Amount Montant	Totals Total global
Transportation Transport	Type TRUCK		
	300km @ 30¢ per km	90.00	
<b>RECEIVED</b>			
OCT 19 1994			
MINING LANDS BRANCH			
Food and Lodging Nourriture et hébergement			
Mobilization and Demobilization Mobilisation et démobilisation			
<b>Sub Total of Indirect Costs</b> Total partiel des coûts indirects			
Amount Allowable (not greater than 20% of Direct Costs) Montant admissible (n'excédant pas 20 % des coûts directs)			
Total Value of Assessment Credit (Total of Direct and Allowable indirect costs)			
Valeur totale du crédit d'évaluation (Total des coûts directs et indirects admissibles)			

Note: The recorded holder will be required to verify expenditures claimed in this statement of costs within 30 days of a request for verification. If verification is not made, the Minister may reject for assessment work all or part of the assessment work submitted.

Note : Le titulaire enregistré sera tenu de vérifier les dépenses demandées dans le présent état des coûts dans les 30 jours suivant une demande à cet effet. Si la vérification n'est pas effectuée, le ministre peut rejeter tout ou une partie des travaux d'évaluation présentés.

**Filing Discounts**

1. Work filed within two years of completion is claimed at 100% of the above Total Value of Assessment Credit.
2. Work filed three, four or five years after completion is claimed at 50% of the above Total Value of Assessment Credit. See calculations below:

Total Value of Assessment Credit	Total Assessment Claimed
	x 0.50 =

**Remises pour dépôt**

1. Les travaux déposés dans les deux ans suivant leur achèvement sont remboursés à 100 % de la valeur totale susmentionnée du crédit d'évaluation.
2. Les travaux déposés trois, quatre ou cinq ans après leur achèvement sont remboursés à 50 % de la valeur totale du crédit d'évaluation susmentionné. Voir les calculs ci-dessous.

Valeur totale du crédit d'évaluation	Evaluation totale demandée
	x 0,50 =

**Certification Verifying Statement of Costs**

I hereby certify:  
that the amounts shown are as accurate as possible and these costs were incurred while conducting assessment work on the lands shown on the accompanying Report of Work form.

that as [Signature] I am authorized  
(Record Holder, Agent, Position in Company)

to make this Certification

**Attestation de l'état des coûts**

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que les montants indiqués sont le plus exact possible et que ces dépenses ont été engagées pour effectuer les travaux d'évaluation sur les terrains indiqués dans la formule de rapport de travail ci-joint.

Et qu'à titre de [Signature] je suis autorisé  
(titulaire enregistré, représentant, poste occupé dans la compagnie)

à faire cette attestation.

Signature	Date
<u>[Signature]</u>	Aug 8 1994



Ontario

Ministry of  
Northern Development  
and Mines

Ministère du  
Développement du Nord  
et des Mines

~~Geoscience Approvals Office~~  
933 Ramsey Lake Road  
6th Floor  
Sudbury, Ontario  
P3E 6B5

Telephone: (705) 670-5853  
Fax: (705) 670-5863

Our File: 2.15541  
Transaction#: W9460.00165  
.00166

November 8, 1994

Mining Recorder  
Ministry of Northern Development  
and Mines  
60 Wilson Avenue  
1st Floor  
Timmins, Ontario  
P4N 2S7

Dear Mr. White:

**RE: APPROVAL OF ASSESSMENT WORK ON MINING CLAIMS P987238 ET. AL. IN  
CARMAN AND LANGMUIR TOWNSHIPS.**

The assessment credits for Prospecting and Assaying, sections 9 and 17 of the Mining Act Regulations, as listed on the original Report of Work, have been approved as of November 7, 1994.

Please indicate this approval on the claim record sheets.

If you have any questions concerning this submission please contact Dale Messenger at (705) 670-5858.

ORIGINAL SIGNED BY:

Ron C. Gashinski  
Senior Manager, Mining Lands Section  
Mining and Land Management Branch  
Mines and Minerals Division

DEM/jl  
Enclosures:

cc: Assessment Files Office  
Sudbury, Ontario

Resident Geologist  
Timmins, Ontario



