ASSESSMENT REPORT

GEOLOGICAL INVESTIGATION

WIL 1-8 CLAIMS

N.T.S. 115A/3

Latitude 60 08'N Longitude 137 07'W

WHITEHORSE MINING DISTRICT

YUKON TERRITORY

FOR

GOLDEN SHAMROCK RESOURCES LTD.
303-1285 W. Pender St.
Vancouver, B.C.

Randall S. Rogers, M.Sc., P.Geol.
Rogers Exploration Services Ltd.
Whitehorse, Yukon Territory

20 September 1984

091593

This report has been examined by the Geological Evaluation Unit under Section 53 (4) Yukon Quartz Mining Act and is allowed as representation work in the amount of $ 800.00 .

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for Regional Manager, Exploration and Geological Services for Commissioner of Yukon Territory.

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SUMMARY AND RECOMMENDATIONS

The Wil 1-8 claims are owned by Golden Shamrock Resources Ltd. of 303 - 1285 W. Pender St., Vancouver British Columbia. The property is located in the Dalton Post area of southwestern Yukon Territory approximately 83 airmiles southwest of the city of Whitehorse.

This report summarizes geological investigations conducted by the author during the period 14th to 16th September, 1984 at the request of the board of directors of Golden Shamrock Resources Ltd. and is tendered under section 53(4) of the Yukon Quartz Mining Act in application for representative work credits towards the noted property.

Preliminary geolgical reconnaissance on the property suggests that there is a good probability of developing significant Ag-Pb-Zn mineralization comparable to the adjoining Tuf property currently being investigated by a joint venture involving Northern Horizon Resource Corporation and Everest Resources Limited. It is therefore recommended that Golden Shamrock Resources Ltd. undertake a program of exploration on the Wil 1-8 claims in the 1985 field season.

INTRODUCTION

This report summarizes the regional geological setting and preliminary local geology of the Wil 1-8 claims and tenders recommendations for further investigations. The author is currently engaged in consulting work to the joint venture partners on the adjoining Tuf property and has spent several seasons of exploration in the immediate area of the Wil 1-8 claims.

LOCATION AND ACCESS

The Wil 1-8 claims are located at latitude 60 08'N by longitude 137 07'W on N.T.S. mapsheet 115A/3 in the south-western portion of the Yukon Territory (Figure 1). The property is situated 83 airmiles southwest of Whitehorse and 3 miles west of the abandoned settlement of Dalton Post. Access is facilitated by a four wheel drive road which extends from Dalton Post to within 100 meters of the Wil 1-8 boundary. Helicopter charter, accomodation and supplies are available at Haines Junction 50 miles north of the property.

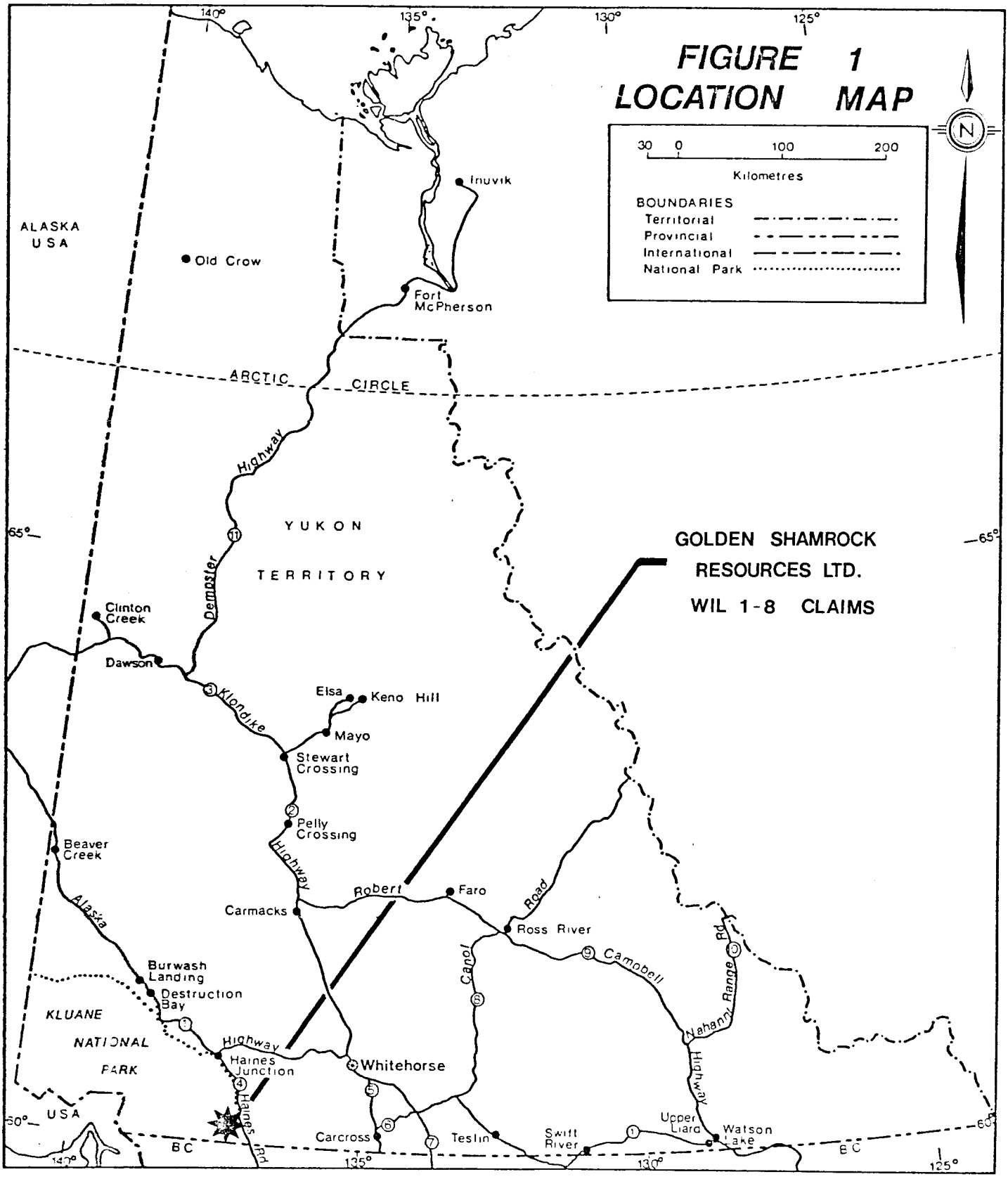


FIGURE 1
LOCATION MAP
30 0 100 200
Kilometres
BOUNDARIES
Territorial
Provincial
International
National Park
N
GOLDEN SHAMROCK
RESOURCES LTD.
WIL 1-8 CLAIMS
140°
135°
130°
125°
65°
60°
ALASKA
USA
Inuvik
Old Crow
Fort
McPherson
ARCTIC CIRCLE
Dempster Highway
YUKON
TERRITORY
Clinton
Creek
Dawson
Klondike Highway
Elsa
Keno Hill
Mayo
Stewart
Crossing
Pelly
Crossing
Beaver
Creek
Alaska Highway
Robert Campbell Highway
Faro
Carmacks
Ross River
Canol Road
Nahanni Range Rd
Burwash
Landing
Destruction
Bay
KLUANE
NATIONAL
PARK
Haines Junction
Haines Rd
Whitehouse
Carcross
Teslin
Swift
River
Upper
Liard
Watson
Lake
BC
USA

CLAIMS

The property comprises 8 contiguous claims located under the Yukon Quartz Mining Act (Figure 2). The Wil 1-8 claims (YA78473-YA78480) are common dated with current assessment credits due to expire on the 21st of September 1985. The property was originally staked in 1983 by K. Lanigan of Whitehorse and acquired by Golden Shamrock Resources Ltd. by purchase.

REGIONAL GEOLOGY

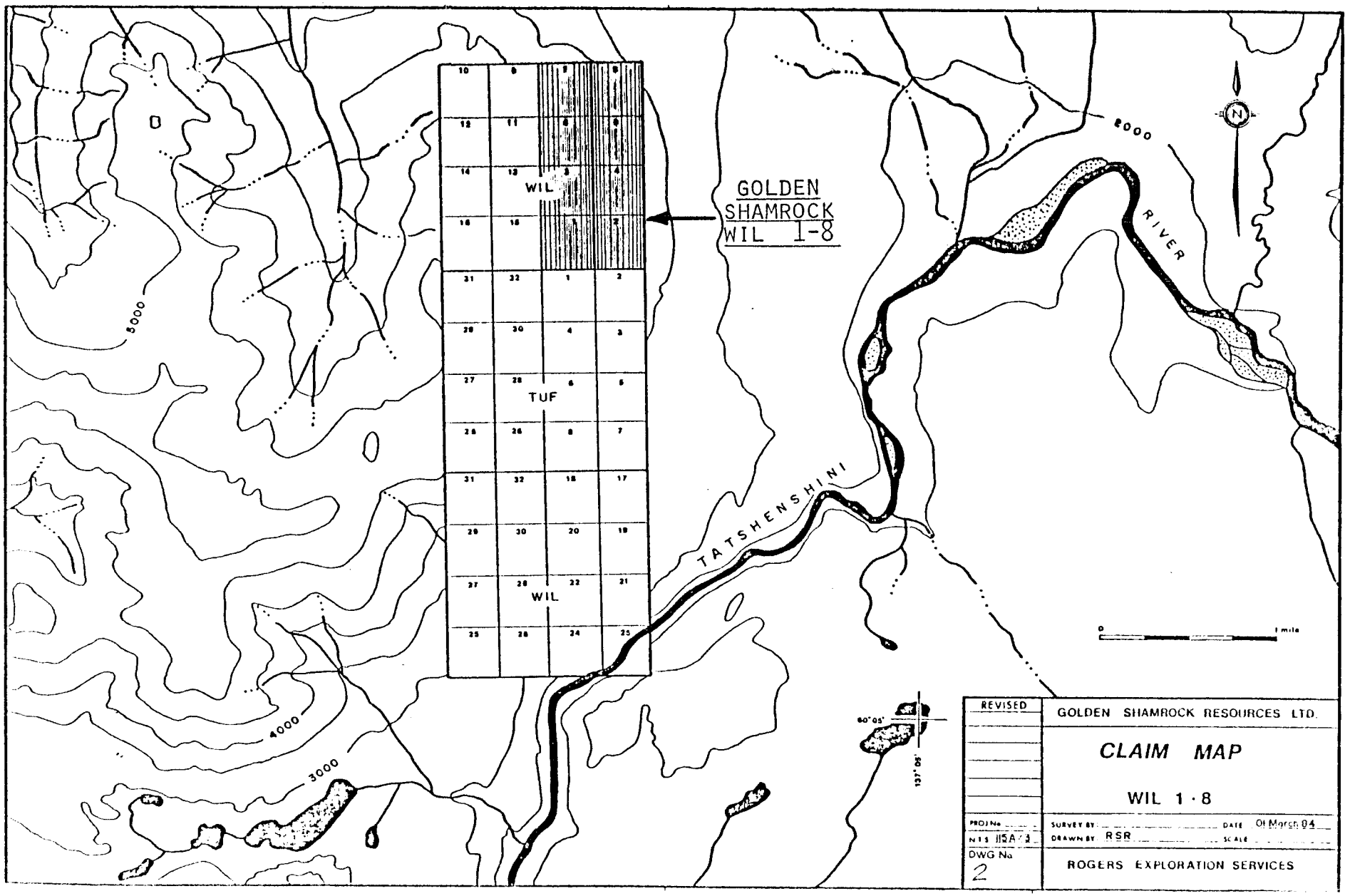
The regional geological setting of the Dezadeash map area (NTS 115A) was originally documented by Kindle (1953). More current investigation and correlation in the northern Cordillera was conducted as Operation St. Elias by the Geological Survey of Canada from 1973 to 1979 and released as a series of open file reports; O.F.R. 831 covers the west half of the Dezadeash map area.

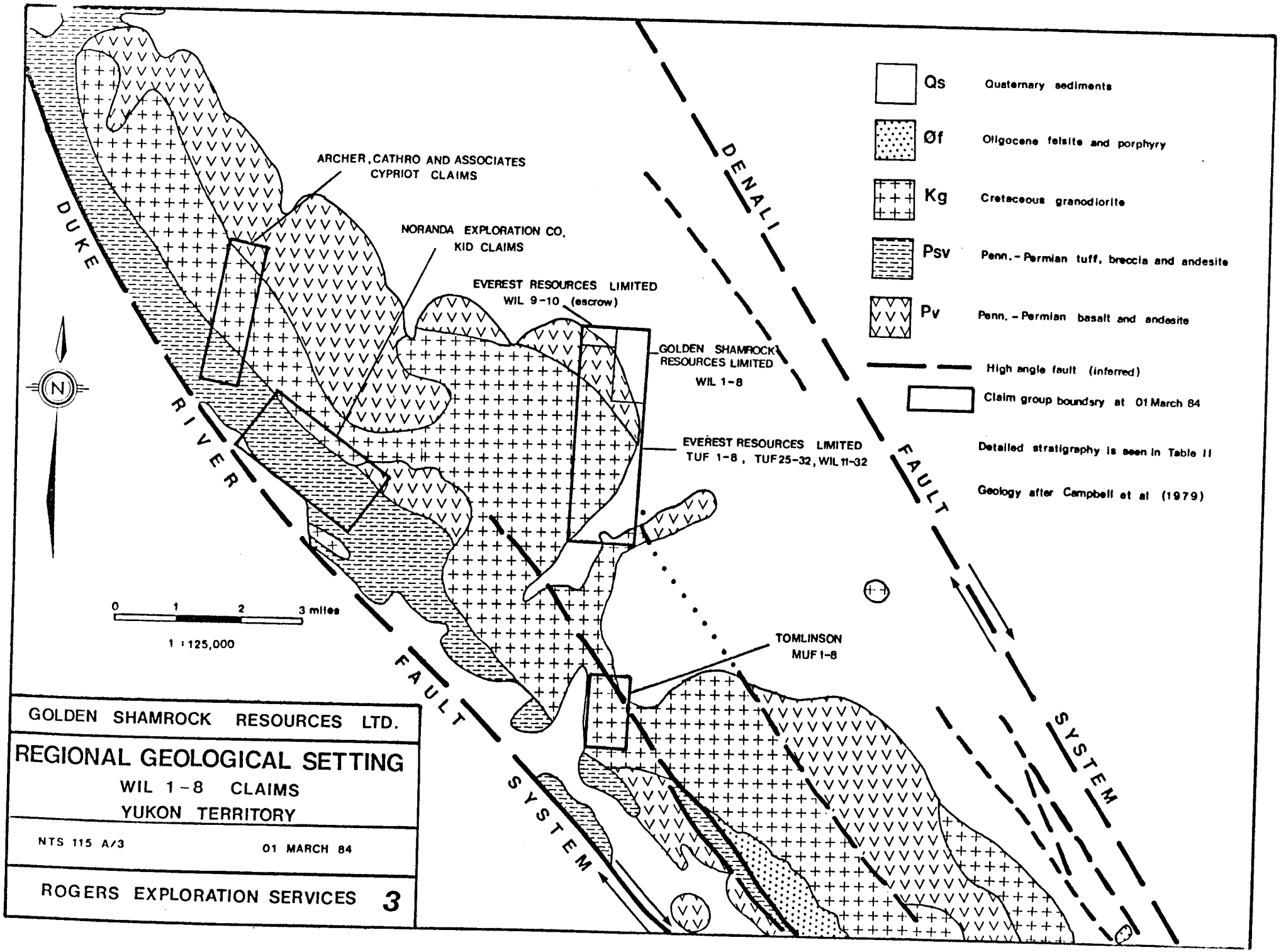
The St. Elias Mountains are dominated by a subparallel system of major regional faults which primarily display dextral strike slip displacement of up to 200 kilometers. These faults separate the region into discrete geological blocks and within each block the geology is more or less continuous while correlation of lithology between adjacent blocks is difficult or impossible.

The St. Elias Mountains are bordered on the east by the Shakwak-Denali-Dalton Fault System; west of the fault the St. Elias area is divided into three distinct terranes: the easternmost Taku-Skolai Terrane (Wrangellia) of mainly Permo-Pennsylvanian strata; the central Alexander Terrane of Cambrian to Carboniferous packages and the southwestern Chugach Terrane of Cretaceous to Jurassic age. The Wil 1-8 claims are located within the Taku-Skolai (Wrangellia) Terrane, bound by the Shakwak-Denali-Dalton Fault on the northeast and the Duke River Fault on the west.

Intrusive rocks in the area of the property are restricted to Cretaceous granodiorite and Oligocene felsite and porphyry.

The regional setting of the property is seen in Figure 3. Island arc volcanics and volcaniclastics of the Pennsylvanian to Permian Station Creek Formation (Pv and Psv) occur in a broad northwesterly trending band between the bounding fault zones. Pv includes dark green massive porphyritic augite basalt to andesite flows and


GOLDEN
SHAMROCK
WIL 1-8
WIL
TUF
WIL
RIVER
TATSHENSHINI
5000
4000
3000
6000
N
0
1 mile
60°05'
137°05'
REVISED
GOLDEN SHAMROCK RESOURCES LTD.
CLAIM MAP
WIL 1 · 8
PROJ No.
NTS 115A/3
SURVEY BY:
DRAWN BY RSR
DATE 01 March 94
SCALE
DWG No. 2
ROGERS EXPLORATION SERVICES



GOLDEN SHAMROCK RESOURCES LTD.

REGIONAL GEOLOGICAL SETTING

WIL 1-8 CLAIMS
YUKON TERRITORY

NTS 115 A/3 01 MARCH 84

ROGERS EXPLORATION SERVICES 3

breccia; Psv includes tuff, breccia and argillite. The Station Creek Formation defines a broad regional anitclinorium trending northwesterly with intermediate plunge, cored by Cretaceous granodiorite (Kg). The contact between the intrusive and volcanic package is faulted and probably indicates a tectonic regime similar to that which generated the subsequent Shakwak and Duke fault displacements. An Oligocene white to creamy white felsite, biotite and quartz hornblende latite porphyry unit (Øf) locally occurs as sills and dikes showing varied degrees of bleaching, silicification, brecciation and pyritization and appears to be preferentially emplaced on linear zones of structural weakness.

The regional stratigraphic column for the property is seen in Table I.

LOCAL GEOLOGY

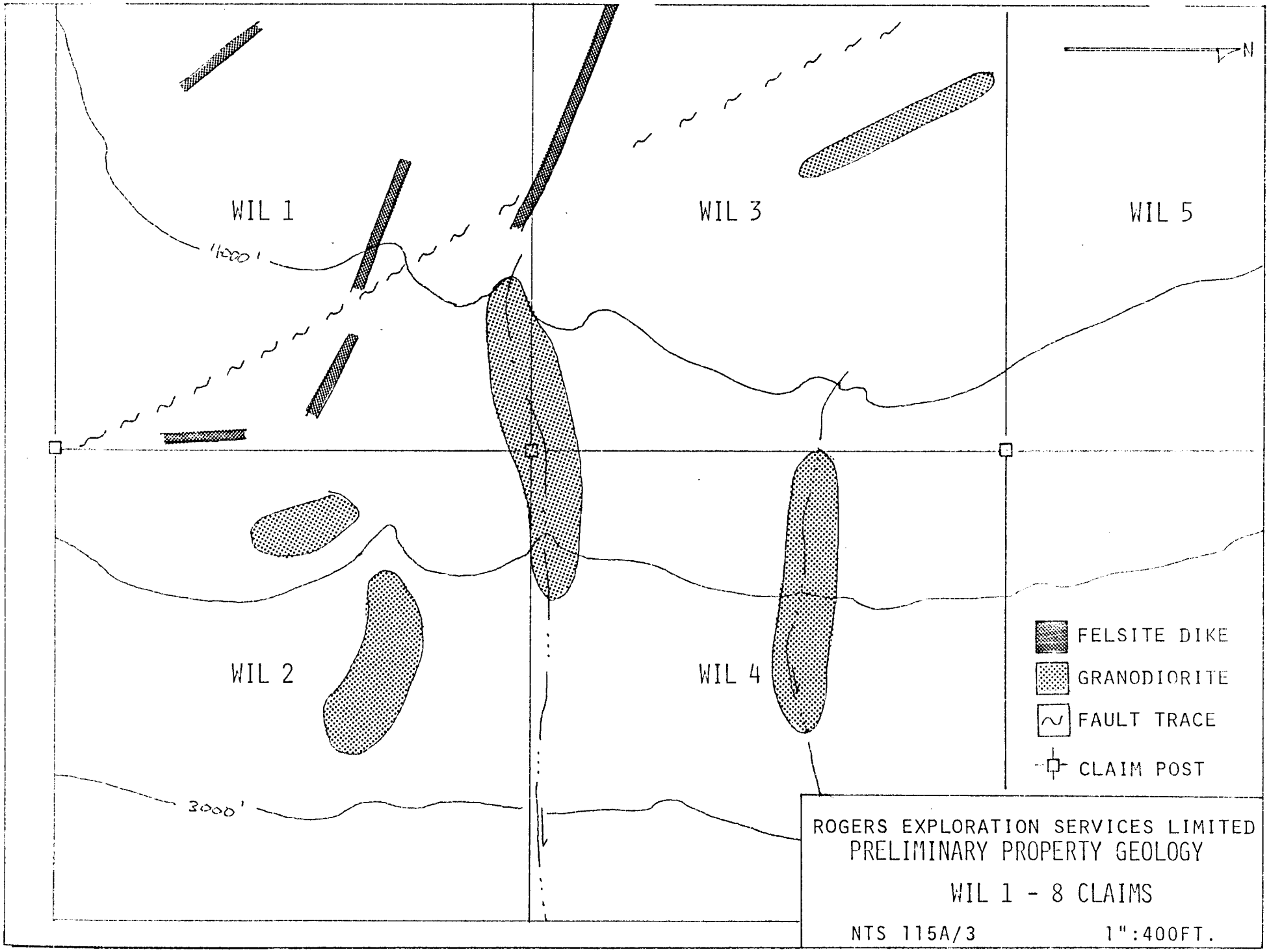
Preliminary geological investigation of the Wil 1-8 claims was conducted in the fall of 1984, and involved a few days of limited prospecting and orientation. The geological picture of the property is, at the local scale, necessarily quite limited at this writing.

The southern portion of the property (Wil 1 - 4 claims) appears to be primarily underlain by altered granodiorite similar to that exposed on the neighbouring Tuf property. Outcrop is restrcted to talus and rubble on the steep slopes that characterise this property and limited outcrop in seasonal meltwater channels. Where exposed in outcrop, the granodiorite is seen to be highly argillized with distinctive gouge and shear zones developed in bleached granodiorite. The contact of the intrusive with the overlying volcanic-volcaniclastic package of the Station Creek Formation is not well exposed on the property, and at present is inferred only by relative proportions of the respective lithologies in talus.

The Oligocene porphyry dikes which may locally include rocks of early Miocene age are exposed in three distinct linear outcroppings on the Wil 1-8 claims (Figure 4). The strike extension of these dikes were briefly prospected in the course of the field examination, and it seems likely that the dikes could continue for a considerable lenth to the northwest under talus and rubble. It should be noted that the Ag-Pb-Zn mineralization on the adjoining Tuf property is intimately tied to these dikes, and although the genetic relationship between the dikes and the mineralization is not clear, they offer a potential aid defining further mineralization in this area.

ERA	PERIOD	FORMATION	LITHOLOGY
CENOZOIC	QUATERNARY	Qs	UNDIVIDED SURFICIAL DEPOSITS, INCLUDING GLACIAL DEPOSITS, ALLUVIUM, AND COLLUVIUM.
	TERTIARY	ØF	WHITE TO CREAMY WHITE FELSITE, BIOTITE AND/OR HORNBLENDE QUARTZ PORPHYRY, LOCALLY BLEACHED, SILICIFIED, BRECCIATED AND PYRITIC.
MESOZOIC	CRETACEOUS	Kg	GRANODIORITE, QUARTZ DIORITE AND DIORITE, HIGH LEVEL INTRUSIONS.
PALEOZOIC	PENN.-PERMIAN	STATION CREEK FM.	
		Psv	TUFF, BRECCIA, SILICEOUS ARGILLITE
		Pv	PREDOMINANTLY FLOWS OF DARK GREEN MASSIVE PORPHYRITIC (AUGITE) BASALT TO ANDESITE, MINOR BRECCIA AND ARGILLITE.

TABLE I REGIONAL STRATIGRAPHIC COLUMN


N
WIL 1
WIL 3
WIL 5
WIL 2
WIL 4
1000'
3000'
FELSITE DIKE
GRANODIORITE
FAULT TRACE
CLAIM POST
ROGERS EXPLORATION SERVICES LIMITED
PRELIMINARY PROPERTY GEOLOGY
WIL 1 - 8 CLAIMS
NTS 115A/3
1":400FT.

CONCLUSIONS

The level of geological mapping on the Wil 1-8 claims is at present too limited to properly assess the potential of this property for developing reserves of Ag-Pb-Zn mineralization similar to that developed on the adjoining Tuf claims. The preliminary investigation conducted in September of 1984 indicated, however, that the geological setting and apparent structural continuity of faulted dike swarms from the adjacent properties make the Wil 1-8 a viable exploration target.

It is recommended that Golden Shamrock Resources Ltd. conduct a program of exploration on the property in the 1985 field season to include detailed geological mapping, compilation of a contoured orthophotograph, preliminary VLF-EM surveys and soil geochemical surveys in the southern portion of the property. At the conclusion of this investigation, the property should be reappraised with regard to developments on adjoining ground, and the possibility of trenching or drilling addressed at that time.

CERTIFICATE

I Randall Stewart Rogers, of the City of Whitehorse in the Yukon Territory, DO HEREBY CERTIFY:

1. THAT I am consulting professional geologist with offices situate at 32 Marion Crescent, Whitehorse Yukon Territory;

2. THAT I am a Professional Geologist (P.Geol.) licenced by the Association of Professional Engineers, Geologists and Geophysicists of Alberta;

3. THAT I am a graduate of the University of British Columbia with the degree of Bachelor of Science (Honours) in Geology;

4. THAT I am a graduate of Queen's University at Kingston with the degree of Master of Science in Mineral Exploration;

5. THAT I am a member of the Canadian Institute of Mining and Metallurgy;

6. THAT I am a member of the Geological Association of Canada;

7. THAT I have personally examined the property now staked by the Wil 1-8 claims from 14 to 16 September 1984;

8. THAT I have no interest, direct or indirect, in any of the securities or properties of Golden Shamrock Resources Ltd. and do not expect to receive or acquire any.

DATED at the City of Whitehorse, Yukon Territory, this 20th day of September A.D. 1984.

Randall S. Rogers M.Sc., P.Geol.

STATEMENT OF COSTS

1.	Transportation		
	Truck costs, Whitehorse to Wil Claims		120.00
2.	Supplies		
	Groceries and field supplies		50.00
3.	Accomodation		
	Kluane Park Inn 15,16 Sept 84		130.00
4.	Wages		
	R.S. Rogers	300.00	
	P.J. Rogers	200.00	
		500.00	500.00
			$ 800.00

Certified correct:

Randall S. Rogers

LIST OF EMPLOYEES

1. Mr. R.S. Rogers M.Sc., P.Geol.
   P.O. Box 4488, Whitehorse Y.T.
   Y1A 2R8

   From 14 to 16 September, 1984

2. Mr. P.J. Rogers
   P.O. Box 4488, Whitehorse Y.T.
   Y1A 2R8

   From 14 to 16 September, 1984