

LOG NO: 0203

DATE:

FILE NO:

ASSESSMENT REPORT
on
DIAMOND DRILLING
on the
GOLDEN STRANGER PROPERTY
1988

FILMED

OMINECA MINING DIVISION
Latitude 57° 16.5' N
Longitude 127° 15.2' W

Prepared for
WESTERN HORIZONS RESOURCES LTD.
on behalf of
SUTTON RESOURCES LTD.
REDFERN RESOURCES LTD.
and
RULE RESOURCES LTD.

by
GOWER, THOMPSON & ASSOCIATES LTD.
#201 - 615 Eighth Street
New Westminster, B. C. V3M 3S3

GEOLOGICAL BRANCH
ASSESSMENT REPORT

JANUARY 27, 1989

S. C. GOWER, B.Sc., FGAC

18,334

STATEMENT OF COSTS - 1988 PROGRAM

WAGES: Stephen C. Gower	
June 7 - August 1 (56 days @ \$300) -	\$ 16,800.00
Elaine M. Thompson	
June 7 - August 1 (56 days @ \$300) -	7,000.00
John McCartney	
June 11 - July 5 (25 days @ \$87.50) -	2,187.50
John Partridge	
June 11 - July 5 (25 days @ \$100) -	2,500.00
Kelly Duff	
June 17 - July 5 (19 days @ \$70) -	<u>1,330.00</u>
Sub-total:	\$ 29,817.50
FOOD AND ACCOMMODATION -	11,391.00
FUEL -	3,700.00
ACCESS AND EGRESS TO SMITHERS -	1,895.00
HELICOPTER -	46,147.00
FIXED WING -	19,263.00
ASSAYS -	8,949.00
DIAMOND DRILLING -	156,470.00
REPORT COSTS	2,000.00
EQUIPMENT RENTAL - Crusher, radios, pumps and hoses -	7,297.00
MATERIALS AND SUPPLIES	6,825.00
EXPLOSIVES - Drill sites -	<u>2,381.00</u>
TOTAL:	<u>\$ 296,135.50</u>

S. C. Gower

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LIST OF ILLUSTRATIONS

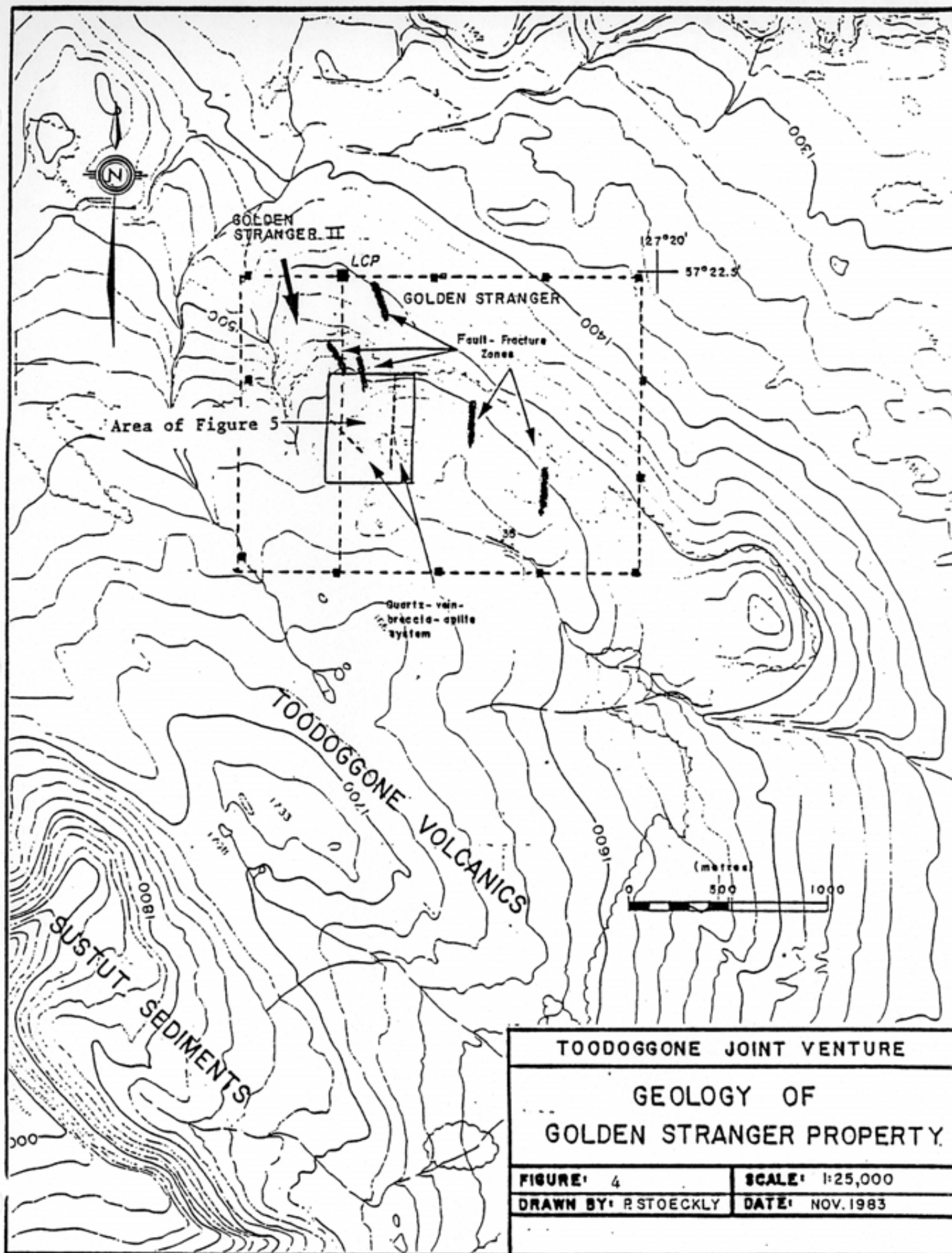
FIGURE 1 - Location of Toodoggone Gold-Silver District	1:10,000,000
FIGURE 2 - Mineral Occurrences	1:250,000
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SUMMARY

A 1,661.27-metre (5,450-foot) diamond drilling program was carried out in 1988 to outline the mineral inventory of the Golden Stranger property. The confining structures consist of a main north-south silicious zone and a complimentary northwest trending splay, with numerous secondary northwest fault systems forming a central fan.

The main zone had been trenched and sampled at regular intervals over the most northerly 112 metres (367 feet). This zone was interpreted to be a high level hydrothermal system based on petrographic and geological evidence. Additional trenches were cut adjacent to the west side of the main zone along its length. The most northerly trench cuts the main gold zone over a sample width of 6.9 metres (22.63 feet) with an average assay of 0.24 oz/ton gold. The most southerly trench to cut the gold zone is located 390 metres (1,280 feet) on strike and assayed 0.04 oz/ton gold over 4 metres (13.2 feet).

The diamond drill programs indicated that this surface gold and silver mineralization extends to a depth associated with the aplite-feldspar porphyry lithic tuff contact of the main zone. The broken nature of the rock along this contact appears to have acted as a conduit along which the mineralizing solutions ascended. Alteration of host rocks indicates the main body of the mineralization occurs at depth. Deep diamond drilling is required to explore the property.



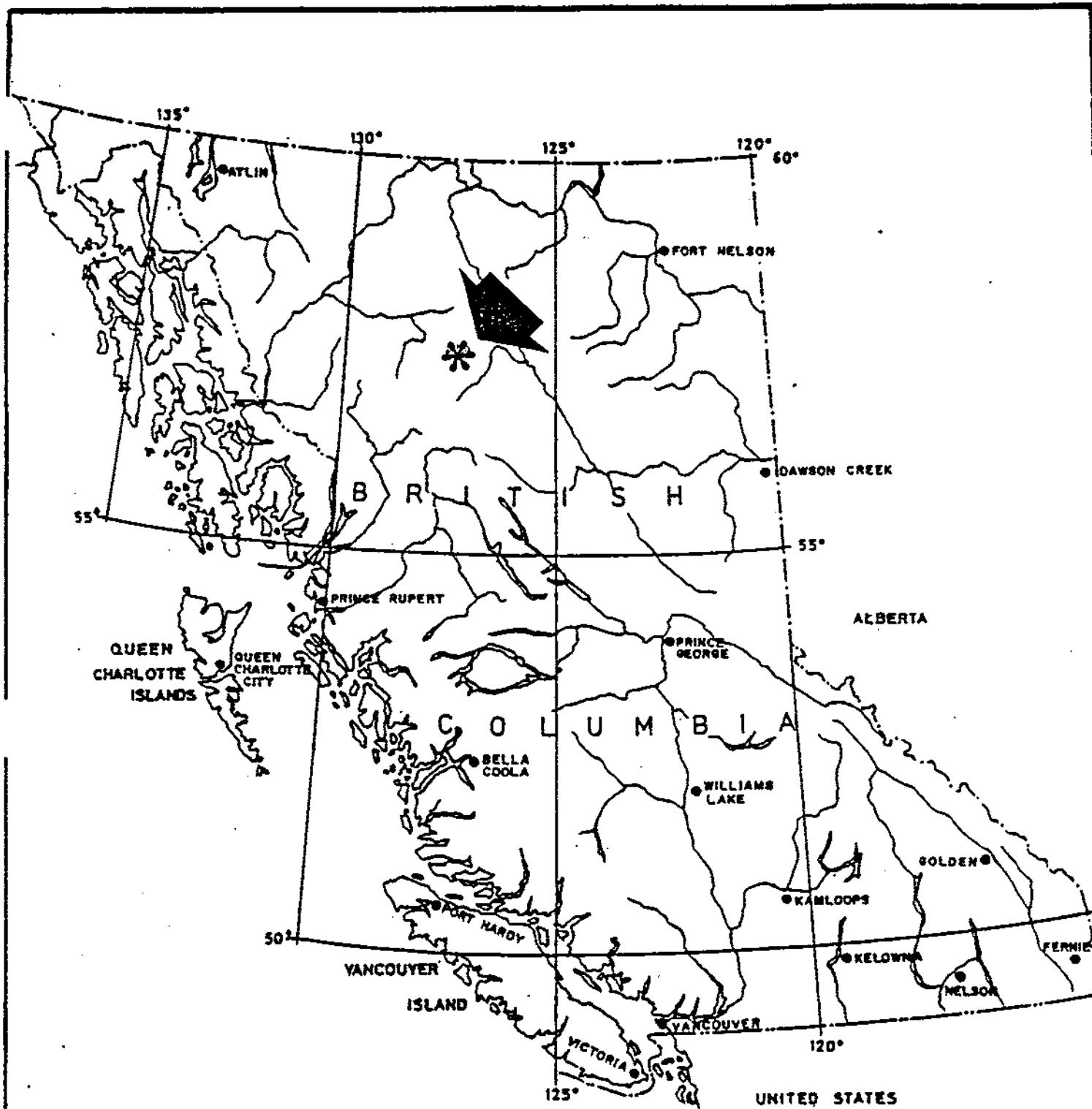
INTRODUCTION

TERMS OF REFERENCE

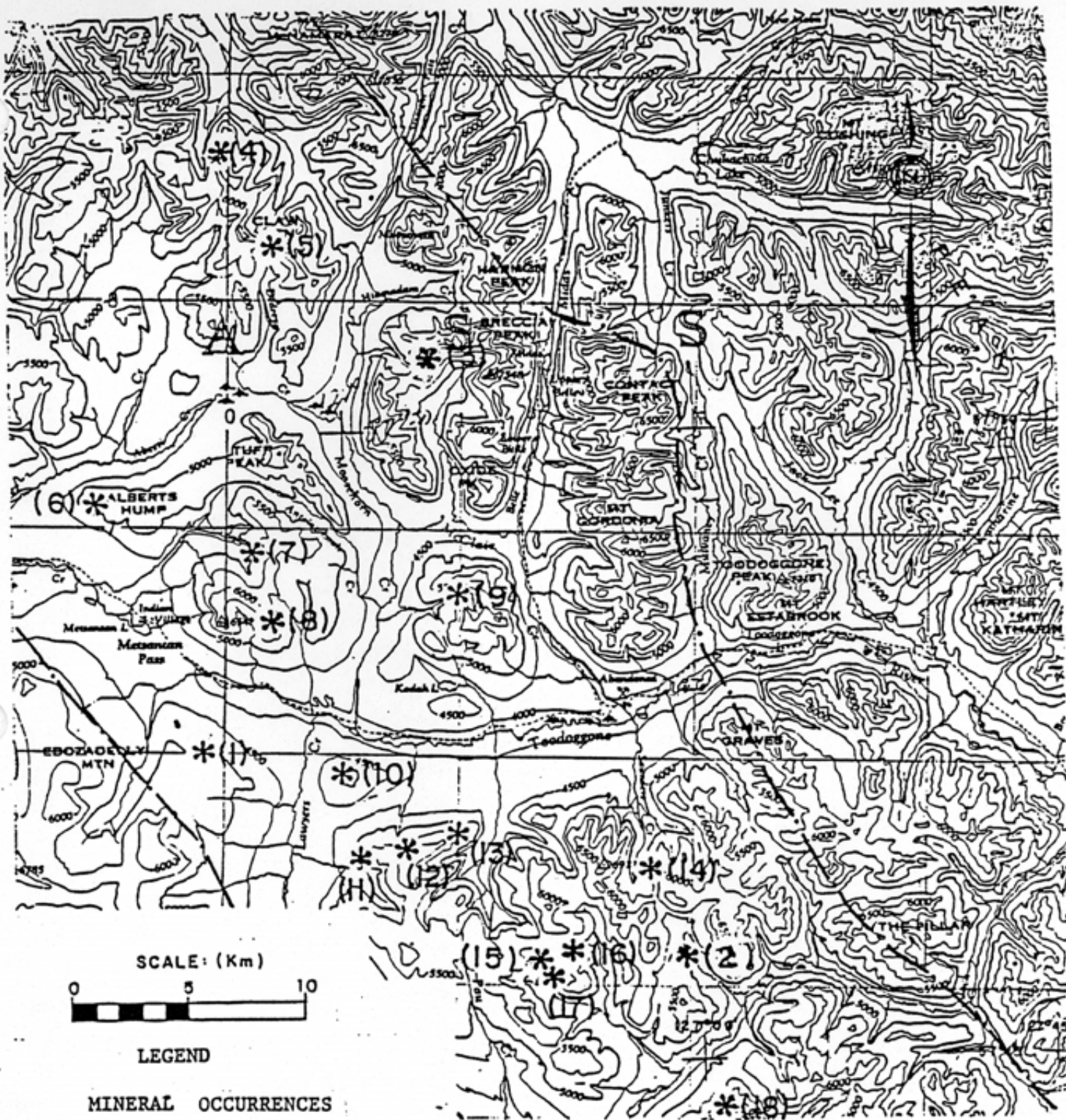
Gower, Thompson & Associates Ltd. were contracted by Western Horizons Resources Ltd., on behalf of Sutton Resources Ltd., Redfern Resources Ltd., and Rule Resources Ltd., to carry out exploration on the Golden Stranger property situated in the Toodoggone area of northern British Columbia. This report is based on this work and on programs carried out during periods of 1983, 1985, 1986 and 1987. Expenditures on the properties during these programs total approximately \$760,000.

Work programs to date consist of geological mapping, prospecting, soil and silt geochemistry, magnetometer and VLF-EM surveys, IP surveys, extensive trenching and 3,523.77 metres (11,561 feet) of diamond drilling. Petrographic studies have been done to supplement field work.

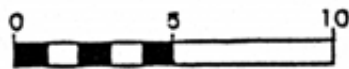
As a result of these programs, gold and silver mineralization hosted in a quartz breccia system has been discovered on the claims. Significant gold values approaching economic width and grade have been uncovered in trenches and cut in drill holes. The confining structures for the mineral systems consist of a main north-trending quartz breccia and a northwest trending silicious splay.



TOODOGGONE JOINT VENTURE	
LOCATION OF TOODOGGONE GOLD-SILVER DISTRICT	
FIGURE: I.	SCALE: 1:10,000,000
DRAWN BY: P.STOCKLY	DATE: NOV 1985



SCALE: (Km)



LEGEND

MINERAL OCCURRENCES

- | | |
|--------------------|---------------------|
| #1 GOLDEN STRANGER | #10 KODAH |
| 2 DAVE PRICE | 11 SILVER POND |
| 3 GORD DAVIES | 12 LAWYERS |
| 4 COPPER KING | 13 LAWYERS |
| 5 CLAW MTN. | 14 GOLDEN NEIGHBOUR |
| 6 ALBERTS | 15 BAKER |
| 7 NORTH METSANTAN | 16 BAKER |
| 8 METSANTAN | 17 BAKER |
| 9 J.D. | 18 SHA |

TOODOGGONE JOINT VENTURE
LOCATION OF
TOODOGGONE GOLD-SILVER DISTRICT
MINERAL OCCURRENCES

FIGURE: 2.

SCALE: 1:250,000

DRAWN BY: P.STOECKLY

DATE: Oct. 83

LOCATION

The Golden Stranger claims are located approximately 24 kilometres (15 miles) northwest of the Sturdee River airstrip. The property lies between the headwaters of Toodoggone and Chappelle Rivers and to the west of Lawyers Creek, at Latitude 57°16.5'N, Longitude 127°15.2'W, NTS 94E/6W, in the Omineca Mining Division. The property is at approximately 1,500 metres (5,000 feet) elevation. See Figures 1 and 2. The claims are inaccessible by helicopter from the Sturdee airstrip. The Toodoggone mine road passes the property about 4 kilometres (2.5 miles) to the east.

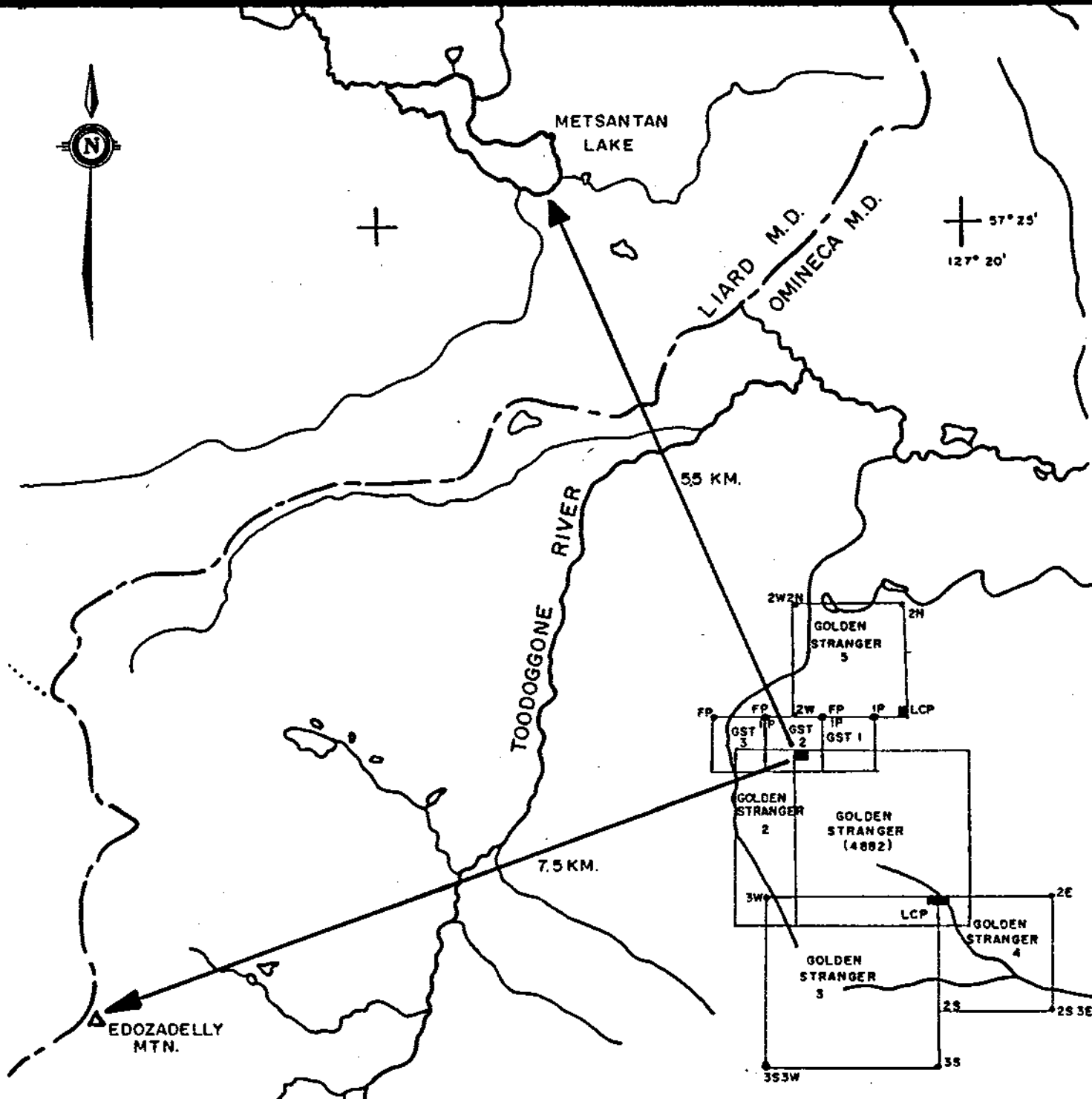
CLAIM STATUS

The claims comprising the Golden Stranger I group, totalling 32 units, are listed in Table I and are shown on Figure 3.

TABLE I.
GOLDEN STRANGER I GROUP

<u>Claim</u>	<u>Units</u>	<u>Record No.</u>	<u>Anniversary Date</u>	<u>Expiry Date</u>
Golden Stranger	9	4882 (11)	November 3	1998
Golden Stranger II	3	5671 (8)	August 29	1998
Golden Stranger 3	9	8441	May 21	1998*
Golden Stranger 4	4	8442	May 21	1998*
Golden Stranger 5	4	8443	May 21	1998*
GST #1	1	8438	May 21	1998*
GST #2	1	8439	May 21	1998*
GST #3	1	8440	May 21	1998*

*Pending approval of report.



WESTERN HORIZONS RESOURCES LTD.

TOODOGGONE JOINT VENTURE

GOLDEN STRANGER PROPERTY
NO. 1 GROUP

DRAWN BY: SCG. EMT. DATE: JANUARY, 1988
FIG. 3 SCALE: 1:50,000

GOWER THOMPSON & ASSOCIATES LTD.

57° 20' +
127° 25'

0 SCALE: (KM.) 2

OMINECA M.D.
TOODOGGONE AREA
94 E 6/W

These claims were grouped November 3, 1987 as the Golden Stranger #1 group.

The Golden Stranger claim is owned by Western Horizons Resources Ltd., by Bill of Sale, August 2, 1983, from E. M. Thompson. The Golden Stranger II was staked on August 13 and 14, 1983 and recorded on August 29, 1983 by Western Horizons Resources Ltd. The Golden Stranger #3, #4 and #5 and GST #1, #2 and #3 were staked by E. M. Thompson and recorded May 21, 1987. These claims are held in trust for the Joint Venture.

By fulfilling commitments outlined in an agreement dated June 30, 1983, Sutton Resources Ltd. and Redfern Resources Ltd. have earned an undivided one-third interest each in the property. Rule Resources Ltd. is currently earning the remaining 1/3 by option from Western Horizons Resources Ltd.

GEOLOGY OF THE CLAIMS AREA

The Golden Stranger claims are underlain by Toodoggone volcanics consisting primarily of crystal lithic tuff and crystal lithic tuff breccia, interbedded with lesser trachyandesite flows and flow breccias. Many of these volcanics contain primary hematitic lithic fragments or a hematitic matrix indicating sub-aerial deposition.

The volcanic sequence was cut by a series of northerly to north-westerly trending deep-seated fracture systems some of which served as channelways for magmatic differentiates and hydrothermal solutions. These structures have undergone successive episodes of structural movement over a long period of time. Irregular, elongate aplitic dyke-like bodies follow one or more of these northerly trending deep-seated fracture-fault systems.

Alteration associated with the fracture-fault systems ranges from disseminated pyrite through propylitic alteration, associated with aplitic intrusion and hydrothermal alteration, to intense hydrothermal brecciation with its associated silicification, veining, argillic alteration and mineralization.

Quartz veining and silicified brecciation cuts both the altered volcanics and aplitic units. Quartz breccias and multi-stage quartz veins are common. Some composite veins contain up to 10 or more successive quartz layers with chalcedonic quartz along some vein margins, with drusy quartz, or locally, amethystine quartz-lined vugs.

Variations in intensity of propylitic and hydrothermal alteration, quartz-breccia vein systems and the presence of aplitic bodies probably represent related magmatic-hydrothermal processes which reached different stratigraphic levels in the Toodoggone volcanic sequence.

Two divergent quartz breccia zones comprise the "main" and "west" zones. Their southerly and southeasterly projections interest near 1+00N, 1+00E. A number of outcropping and frost-heaved exposures of quartz-vein breccias occur between the diverging "main" and "west" zones. These may represent northwest trending splays off the main north-south trending quartz breccia zones.

The "main" multi-stage aplite-breccia-quartz vein-gouge system on the east strikes approximately northerly and has near vertical dip. Where its full width is exposed, it measures more than 50 metres (164 feet) wide and extends northerly for a length of more than 450 metres (1,476 feet). Although the zone is continuous, quartz veins within it are not. The veins have irregular, lensoidal, branching habit with individual veins ranging from hairline to greater than 0.5 metre in width.

The "west" vein-breccia system does not appear to be as well developed as the "main" system to the east. It is noted, however, that this system is flanked on the east by a parallel linear depression and a coincident VLF-EM anomaly which appears to be the surface expression of a major fault-shear structure. The best vein-breccia development was noted in exposures in closest proximity to this depression. There is potential, therefore, for improved vein-breccia development within or against this indicated structure. A single high gold value of grab material from the zone assayed 0.226 oz/ton at location 2+50N, 0+75W.

1988 DRILL PROGRAM DATA

<u>Hole #</u>	<u>AZM</u>	<u>Dip</u>	<u>Length (m)</u>	<u>Traverse (m)</u>	<u>Depth (m)</u>	<u>Location (m)</u>	<u>Elevation (m)</u>
DDH #19	298 ^o	-45 ^o	166.77	117.9	117.9	(3+68N, 2+52E)	1704
DDH #20	280 ^o	-50 ^o	151.52	97.43	116.06	(2+70N, 2+73E)	1654
DDH #21	288 ^o	-50 ^o	163.72	105.27	125.41	(1+75N, 2+88E)	1718
DDH #22	262 ^o	-70 ^o	264.33	90.4	248.47	(2+30N, 3+50E)	1699
DDH #23	280 ^o	-50 ^o	227.7	146.4	174.42	(2+30N, 3+50E)	1,699
DDH #24	252 ^o	-55 ^o	200.3	114.98	164.05	(3+40N, 3+13E)	1646
DDH #25	275 ^o	-50 ^o	103.39	66.46	79.2	(5+82N, 2+18E)	1550
DDH #26	318 ^o	-60 ^o	108.84	54.4	94.26	(5+82N, 2+18E)	1550
DDH #27	297 ^o	-50 ^o	136.28	87.63	104.39	(0+2N, 2+02E)	1646
DDH #28	268 ^o	-75 ^o	72.26	18.71	69.8	(4+72N, 1+50E)	1630
DDH #29	308 ^o	-60 ^o	66.16	33.08	57.29	(4+72N, 1+50E)	1630

Total drilled: 1,661.27 metres (5,450 feet)

AURIFEROUS PATHWAYS ENCOUNTERED - 1988

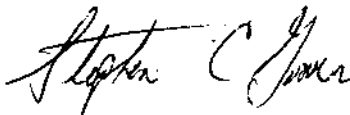
DDH #19 - (78.35 - 87.50 m)	Highly epidotized feldspar porphyry.
(121.04 - 127.13 m)	Brecciated aplite.
DDH #20 - (87.5 - 90.55 m)	Epidotized feldspar porphyry.
(142.38 - 145.43 m)	Feldspar porphyry - quartz breccia.
DDH #21 - (78.35 - 81.40 m)	Feldspar porphyry - quartz stringers.
(148 - 163.72 m)	Feldspar porphyry - quartz stringers, breccia.
DDH #23 - (185.0 - 194.2 m)	Complex breccia.
DDH #24 - (127.13 - 133.23 m)	Feldspar porphyry - silicified.
(180.49 - 194.21 m)	Feldspar porphyry - quartz chlorite zone.
DDH #25 - (50.91 - 60.06 m)	Feldspar porphyry - sulphide zone.
(63.11 - 64.63 m)	Contact zone east side of aplite.
(75.30 - 82.93 m)	Breccia zone - aplite.
DDH #27 - (75.3 - 81.4 m)	Feldspar porphyry - quartz breccia and veinlets.
DDH #28 - (32.62 - 34.15 m)	Aplite - chalcedonic stringers.
DDH #29 - (32.62 - 34.49 m)	Aplite - quartz vein.

CERTIFICATE

I, Stephen C. Gower, of 985 Gatensbury Street, Coquitlam, B. C., do hereby certify that:

1. I have been practising as a Professional Geologist for a period of 18 years for mining exploration and consulting companies.
2. I obtained a B.Sc. in Geology from the University of British Columbia in 1970 and have completed Masters courses in Property Evaluation and Exploration.
3. The portions of the report written by me are the result of work carried out between June 7 and August 1, 1988.
4. I am a Fellow of the Geological Association of Canada.
5. Western Horizons Resources Ltd. retains one-third (1/3) ownership of the Golden Stranger property. I am a Director and Officer of Western Horizons and own one-third (1/3) of Western Horizons' shares.
6. An option agreement exists to allow Rule Resources Ltd. to acquire Western Horizons Resources Ltd. one-third (1/3) interest in the property by fulfilling various stock and cash commitments.
7. I consent to the use of this report in or in connection with a prospectus relating to the raising of funds.

DATED at Coquitlam, B. C., this 27th day of January, 1989.



Stephen C. Gower, B.Sc., FGAC

APPENDIX A

DRILL LOGS

COMPOSITE DRILL LOG

CORE SIZE : 5Q

SCALE :

PROJECT : GOLDEN STRANGER

HOLE No. DDH : 19 (D1)

CASING COLLAR ELEV.:

GROUND ELEV.:

DATE STARTED :

PAGE No. 2 OF 2

COORDINATES :

N.

E.

DATE FINISHED :

REF. TO CLAIM CORNER :

INCLINATION :

-45°

AZIMUTH :

298°

TOTAL DEPTH : 166.77 m

LOGGED BY : STEPHEN C GOWER

DEPTH (m)	ALTERATION				FRACTURING	MINERALS	GEOLOGY	COMMENTS: GOLD ZONE 121.04 - 127.13 m.	AVG. CORE REC'Y/HOLE	DRILLING INTERVAL	% CORE RECOVERED	METALLIC GOLD ASSAY - OZ/TON	AVERAGE G.F. SPITS (WEIGHTED)	G.F./M	ASSAYS				
	EPIDOTE	CLAY	SILICA	PYRITE											AU OZ/TON AS SHOWN	AG OZ/TON	AU PPB AS SHOWN	AG PPM	
93.6	✓						FELDSPAR PORPHYRY LITHIC TUFF, (F.P.)											2	0.9
96.65	✓						(F.P.)											31	2.1
99.7				✓			(F.P.)											12	1.4
102.74				✓			(F.P.)											5	0.9
105.78				✓			(F.P.)											9	0.8
108.84	✓			✓			(F.P.) OCCAS. QTZ STRINGERS											13	1.3
111.89	✓			✓			(F.P.) CHALCEDONIC QTZ STRINGERS, INTENSIVE EPIDOTE											7	2.2
114.94							(F.P.) APLITE CONTACT AT 114.63, HORNEBELLS											60	2.1
117.99							APLITE LIMONITE ALONG FRACTURES											4	0.7
121.04		✓					APLITE TRACK GALANA											80	0.6
124.09							APLITE, LOCAL COMPLEX BRECCIA, QTZ STRINGERS, V. GOLD					0.26	0.30	0.337	0.207			6500	1.5
127.13							APLITE, COMPLEX BRECCIA TO 125					0.047	0.04	0.033	0.041			1200	1.9
130.18							APLITE, LIMONITE ALONG FRACTURES											2	0.8
133.23							APLITE ENDS 132.32											6	1.1
136.28							FELDSPAR PORPHYRY LITHIC TUFF (F.P.) CHALCEDONIC STR'S											76	0.9
139.33		✓					(F.P.) CHARITITE SHEARS											15	0.8
142.34							(F.P.) CHALCEDONIC INFILLINGS											23	1.5
145.43							(F.P.) " "											5	0.7
148.48							(F.P.) " "											1	1.6
151.52							(F.P.) CHALCEDONIC QTZ											12	1.2
154.57							(F.P.) MAROON COAR. CHALCEDONIC QTZ STR'S											40	1.7
157.57							(F.P.) OCCAS. LOCAL BRECCIA, CHALCEDONIC STR'S											27	2.1
160.67							(F.P.) AS ABOVE, DYRE ROCK (160.37 m)											92	1.0
163.72							(F.P.) AS ABOVE. OCCAS. STR'S QTZ											61	0.7
166.77							(F.P.)											80	0.6

COMPOSITE DRILL LOG

CORE SIZE : 5Q SCALE : PROJECT : GOLDEN STRANGER HOLE No. 15H : # 20 (D2)
 CASING COLLAR ELEV.: GROUND ELEV.: DATE STARTED : PAGE No. 2 OF 2
 COORDINATES : N. E. DATE FINISHED : REF. TO CLAIM CORNER :
 INCLINATION : -50° AZIMUTH : 280° TOTAL DEPTH : 151.52 m LOGGED BY : STEPHEN C GOWER

DEPTH (M)	ALTERATION				FRACTURING	MINERALS	GEOLOGY	COMMENTS :	AVG. CORE RECY/MOLE	DRILLING INTERVAL	% CORE RECOVERED	SAMPLE No.	SAMPLE INTERVAL (M)	ASSAYS			
	EPIDOTE	CLAY	SILICA	PIRITE										Au oz/Ton	Ag oz/Ton	Au ppb	Ag ppm
93.60	✓		✓	✓				FELSIC PORPHYRY LITHIC TUFF (F.P.) ALTERED								55	2.1
96.65	✓	✓	✓					(F.P.) HARDEN COVER LOCAL BRECCIA								52	2.5
99.70	✓	✓	✓					(F.P.) AS ABOVE, PRIMARY HEMATITE								28	1.3
102.74	✓	✓	✓					(F.P.) AS ABOVE								30	0.9
104.97	✓							(F.P.) SOME SHEARING								4	0.6
107.93								(F.P.) HARDEN PRIMARY HEMATITE								13	0.7
111.28								(F.P.) AS ABOVE								22	0.8
114.02	✓	✓						(F.P.) HARDEN, SHEARED, LOCAL BRECCIA								2	0.7
117.30	✓							(F.P.) HARDEN								5	0.6
120.73								(F.P.) HARDEN, SHATTERED & SHEARED, OCCAS. QTZ STR'S								3	0.8
123.78	✓		✓					(F.P.) HARDEN LOCAL BRECCIA								4	0.8
127.13	✓		✓					(F.P.) AS ABOVE								19	3.6
130.18	✓	✓	✓					(F.P.) INCREASING QTZ STRINGERS								16	1.5
133.23	✓	✓	✓					(F.P.) PRIMARY VOLCANIC BRECCIA								18	2.2
136.28		✓						(F.P.) BANDED CROSSCUTTING QTZ STRINGERS								20	3.1
139.33								(F.P.) AS ABOVE								36	3.9
142.38	✓							(F.P.) CLAY ZONES QTZ BRECCIA'S								27	2.7
145.43								(F.P.) AS ABOVE								635	1.9
148.48								(F.P.) HARDEN, OCCAS. QTZ STR'S								56	4.8
151.52								(F.P.) AS ABOVE E.O.H.								11	3.2

COMPOSITE DRILL LOG

CORE SIZE : 50

SCALE :

PROJECT : GOLDEN STRANGER

HOLE No. DDH : # 21 (D3)

CASING COLLAR ELEV.:

GROUND ELEV.:

DATE STARTED :

PAGE No. 2 OF 2

COORDINATES :

N.

E.

DATE FINISHED :

REF. TO CLAIM CORNER :

INCLINATION : -50°

AZIMUTH : 288°

TOTAL DEPTH : 163.72 m

LOGGED BY : STEPHEN C GOWD

DEPTH (m)	ALTERATION				FRACTURING	MINERALS	GEOLOGY	COMMENTS:	AVG. CORE REC'Y/HOLE	DRILLING INTERVAL	% CORE RECOVERED	SAMPLE No.	SAMPLE INTERVAL (m)	ASSAYS				
	EPIDOTE	CLAY	SILICA	APLITE										Au oz/Ton	Ag oz/Ton	Au ppb	Ag ppm	
93.60							(F.P.) APLITE CONTACT @ 92.07m								9	0.6		
96.65	✓						APLITE To 95.43m								4	0.9		
99.70							FELDSPAR PORPHYRY LITHIC TUFF (F.P.)								23	1.0		
102.74			✓				(F.P.) INTERSTITIAL QTZ								42	1.7		
105.79			✓				(F.P.) " "								39	1.5		
108.84			✓				(F.P.) HEMATITE - QTZ MOTTLING								53	2.8		
111.89		✓	✓				(F.P.)								59	2.7		
114.94	✓						(F.P.)								4	0.8		
117.94							(F.P.) LOCAL BRECCIA, SHEARING								140	0.9		
121.04							(F.P.) APLITE CONTACT 118.60m								16	0.6		
124.09							APLITE CONTACT AT 123.48m								4	0.5		
127.13							(F.P.) QTZ-HEMATITE, REDDISH BROWN								3	0.6		
130.18							(F.P.) " " " "								3	0.6		
133.23		✓					(F.P.) " " " "								17	1.4		
136.28							(F.P.) MASSIVE To 130.76, THEN LOCAL BRECCIA & CLAY								21	1.7		
139.33							(F.P.) INCREASING BRECCIA AND CLAY								8	1.1		
142.38							(F.P.) 141.76 → 142.38 QTZ BRECCIA								45	1.5		
145.43							(F.P.)								52	1.4		
148.48							(F.P.) QTZ STRINGERS, LOCAL BRECCIA								288	0.9		
151.52							(F.P.) " " " "								243	1.1		
154.57							(F.P.) " " " "								28	0.8		
157.62							(F.P.) " " " "								162	1.4		
160.67							(F.P.) " " " "								268	1.7		
163.72							(F.P.) " " " " EOH								203	1.6		

COMPOSITE DRILL LOG

CORE SIZE : 3Q

SCALE :

PROJECT : GOLDEN STRANGER

HOLE No. DDH # : 22

CASING COLLAR ELEV.:

GROUND ELEV.:

DATE STARTED :

PAGE No. 1 OF 4

COORDINATES :

N.

E.

DATE FINISHED :

REF. TO CLAIM CORNER :

INCLINATION : -70

AZIMUTH : 262

TOTAL DEPTH : 214.33 m

LOGGED BY : STEPHEN C. GEWEL

DEPTH (M)	ALTERATION			FRACTURING	MINERALS	GEOLOGY	COMMENTS :	AVG. CORE REC'Y/MOLE	DRILLING INTERVAL	% CORE RECOVERED	SAMPLE No.	SAMPLE INTERVAL (M)	ASSAYS					
													Au oz/Ton	Ag oz/Ton	Au ppb	Ag ppm		
0-1.57							CASING No. CORE							-	-			
5.18							FELDSPAR PORPHYRY LITHIC TUFF, (F.P.) PRIMARY VOLC BX								2	0.7		
8.23							(F.P.) PRIMARY VOLCANIC BRECCIA								1	0.8		
11.78							(F.P.)								1	0.8		
14.33							(F.P.)								1	0.6		
17.38							(F.P.)								3	0.7		
20.43							(F.P.)								2	0.6		
23.48							(F.P.) SOME LIMONITE STAINING ALONG FRACTURES								5	0.8		
26.52							(F.P.)								1	0.7		
29.57							(F.P.)								6	0.7		
32.62							(F.P.) VOLCANIC BRECCIA								4	0.6		
35.67							(F.P.) VOLCANIC BRECCIA								2	1.3		
38.72							(F.P.) VOLCANIC BRECCIA								1	0.7		
41.77							(F.P.)								2	1.0		
44.82							(F.P.)								3	0.7		
47.87							(F.P.)								1	0.9		
50.91							(F.P.)								12	0.9		
53.96							(F.P.)								2	0.7		
57.01							(F.P.)								3	0.5		
60.06							(F.P.)								1	1.0		
63.11							(F.P.) LIMONITE STAINING ALONG FRACTURES								3	1.0		
66.16							(F.P.) LIGHT GREY COLOR								2	1.0		
69.21							(F.P.)								1	0.8		
72.26							(F.P.)								6	0.7		
75.30							(F.P.)								2	0.7		
78.35							(F.P.)								1	0.9		
81.40							(F.P.)								1	0.6		
84.45							(F.P.) ABRUPT COLOR CHANGE TO BROWN BLACK MATRIX								2	0.7		
87.50							(F.P.) " " "								2	0.7		
90.55							(F.P.) " " "								3	0.6		

COMPOSITE DRILL LOG

CORE SIZE : 5Q

SCALE :

PROJECT : GOLDEN STRANGER

HOLE No. D04 : # 22

CASING COLLAR ELEV.:

GROUND ELEV.:

DATE STARTED :

PAGE No. 3 OF 4

COORDINATES :

N.

E.

DATE FINISHED :

REF. TO CLAIM CORNER :

INCLINATION :

-70°

AZIMUTH :

262°

TOTAL DEPTH : 264.33 m

LOGGED BY : STEPHEN C. GOWE

DEPTH (m)	ALTERATION				FRACTURING	MINERALS	GEOLOGY	COMMENTS :	AVG. CORE REC'/HOLE	DRILLING INTERVAL	% CORE RECOVERED	SAMPLE No.	SAMPLE INTERVAL (m)	ASSAYS					
	EPIDOTE	CLAY	SILICA	PYRITE										CHALCOPRITE	Au oz/Tm	Ag oz/Tm	Au ppb	Ag ppm	
185.06								FELOSSAR Porphyry LITHIC TUFF. (FP)								1	1.1		
188.11								(FP)								3	0.4		
191.16								(FP) APLITE CONTACT 189.33m								34	0.4		
194.21								APLITE, QTZ STRINGERS PARALLEL TO CORE AXIS								38	0.3		
197.26								APLITE								26	0.2		
200.3								APLITE CONTACT 199.7m								21	0.3		
203.35								(FP)								64	1.2		
206.4								(FP) OCCAS. LOCAL QTZ BRECCIA'S & STRINGERS								68	1.3		
209.45								(F.P.)								5	0.4		
212.50								(FP)								2	0.6		
215.55		✓	✓					(FP) QTZ STRINGERS								63	0.8		
218.60		✓	✓					" "								56	1.0		
221.65								(FP)								24	1.4		
224.7								(FP) QTZ STRINGERS INTENSIFYING TO BRECCIA'S								43	1.2		
227.7								(FP)								31	1.2		
229.27								(FP) (APLITE 225.6 - 227.1 m)								16	0.3		
230.79								APLITE LOCAL QTZ STRINGERS								24	1.8		
232.3	✓							APLITE EPIDOTE ALONG FRACTURES								9	0.3		
233.8	✓							APLITE " " "								12	0.2		
235.37								APLITE								6	2.6		
236.89								APLITE								10	0.2		
238.41								APLITE								14	0.3		
239.9								APLITE								3	0.4		
241.46								APLITE								17	0.3		
242.9								APLITE								5	0.3		
244.5								APLITE GND'S 243.60m FP CONTACT - ABSORBED								3	1.1		
246.0		✓						(FP) BIOTITE BODIES								4	0.7		
247.5		✓						(F.P.) " "								2	1.5		
249.0		✓						(FP) " "								2	0.8		
252.1		✓						(FP) " "								9	0.7		

COMPOSITE DRILL LOG

CORE SIZE : 5G

SCALE :

PROJECT : GOLDEN STRANGER

HOLE No. DDH : # 23

CASING COLLAR ELEV.:

GROUND ELEV.:

DATE STARTED :

PAGE No. 2 OF 3

COORDINATES :

N.

E.

DATE FINISHED :

REF. TO CLAIM CORNER :

INCLINATION :

- 50°

AZIMUTH :

280°

TOTAL DEPTH : 227.7 m

LOGGED BY : STEPHEN C. GOWEN

DEPTH (M)	ALTERATION				FRACTURING	MINERALS	GEOLOGY	COMMENTS :	AVG. CORE REC'Y/HOLE	DRILLING INTERVAL	% CORE RECOVERED	SAMPLE No.	SAMPLE INTERVAL (M)	ASSAYS			
	EPIDOTE	CLAY	SILICA	PYRITE										CHLORITE	AU OZ/TON	Ag OZ/TON	AU PPB
93.6								FELDSPAR PORPHYRY LITHIC TUFF (F.P.) OCCAS. CAL STR.								3	1.0
96.65								(F.P.)								10	1.7
99.7	✓							(F.P.)								2	0.7
102.7								(F.P.)								3	0.7
105.8								(F.P.) OCCAS. LIMONITE ON FRACTURES								18	0.6
108.8	✓	✓						(F.P.)								4	0.8
111.9								(F.P.)								73	2.4
114.9	✓	✓						(F.P.) SEAMS OF PYRITE								152	1.7
117.7								(F.P.) OCCAS. VEINLETS OF QTZ OR CALCITE								2	1.1
121.0								(F.P.) " " " " " "								1	0.6
124.0								(F.P.) " " " " " "								9	0.4
127.1								(F.P.) " " " " " "								7	0.6
130.15								(F.P.) " " " " " "								20	0.4
133.2								(F.P.) " " " " " "								4	0.4
136.3								(F.P.) " " " " " "								8	0.5
139.3								(F.P.) OCCAS. LOCAL QTZ BRECCIA ZONES								2	0.4
142.4								(F.P.)								6	0.5
145.4					✓			(F.P.)								1	2.2
148.9	✓							(F.P.)								25	1.0
151.5								(F.P.) APHTE CONTACT 151.5								43	1.1
154.6								APHTE								36	0.7
157.6								APHTE								22	0.3
160.7								APHTE								19	0.2
163.7								APHTE CONTACT AT 165.24M								8	0.2
166.8								FELDSPAR PORPHYRY LITHIC TUFF (F.P.)								16	0.7
169.8								(F.P.) INTERSTITIAL QTZ & QTZ STRINGERS								37	2.1
172.9								(F.P.) QTZ STRINGERS								19	1.5
175.9								(F.P.) INTERSTITIAL QTZ								112	1.2
178.9								(F.P.) QTZ STRINGERS								2	0.6
182.5	✓							(F.P.)								21	2.2

COMPOSITE DRILL LOG

CORE SIZE : 3Q SCALE : PROJECT : GOLDEN STRANGER HOLE No. DDH : # 23
 CASING COLLAR ELEV. : GROUND ELEV. : DATE STARTED : PAGE No. 3 OF 3
 COORDINATES : N. E. DATE FINISHED : REF. TO CLAIM CORNER :
 INCLINATION : -50° AZIMUTH : 280° TOTAL DEPTH : 227.7 m LOGGED BY : STEPHEN C GOWS

DEPTH (m)	ALTERATION					FRACTURING	MINERALS	GEOLOGY	COMMENTS :	AVG. CORE REC'Y/HOLE	DRILLING INTERVAL	% CORE RECOVERED	SAMPLE No.	SAMPLE INTERVAL (m)	ASSAYS			
	EPIDOTE	CLAY	SILICA	PYRITE	CHLORITE										Au oz/Ton	Ag oz/Ton	Au ppb	Ag ppm
185.0	✓								FELOSMP Boundary LITHIC TUFF (F.P.)								34	35
188.1			✓						COMPLEX BRECCIA, ABUNDANT Qtz								8	1.9
191.2			✓	✓					Qtz BRECCIA								131	2.0
194.2			✓	✓					(F.P.) CHLORITIZED								128	1.9
197.3			✓	✓					Qtz BRECCIA (F.P.)								74	2.4
200.3			✓	✓					" " (F.P.)								67	1.3
203.4			✓	✓					" " SOME SHEARING (F.P.)								40	1.2
206.4			✓	✓					" " " " (F.P.)								53	2.8
209.4									(F.P.) SLICKENSIDED, Qtz STRINGERS								42	2.2
212.5									(F.P.)								19	2.0
215.5									PRIMARY VOLCANIC BRECCIA, (F.P.)								17	0.7
218.6									(F.P.)								36	1.2
221.6				✓					(F.P.)								8	0.7
224.7									(F.P.) OCCAS Qtz STRINGERS								12	1.2
227.7									(F.P.) " " " " E.C.H.								18	1.9

COMPOSITE DRILL LOG

CORE SIZE : 3Q
 CASING COLLAR ELEV. :
 COORDINATES : N. E.
 INCLINATION : -55°

SCALE :
 GROUND ELEV. :
 AZIMUTH : 252°

PROJECT : GOLDEN STRANGER
 DATE STARTED :
 DATE FINISHED :
 TOTAL DEPTH : 222.3 m

HOLE No. DDH : # 24
 PAGE No. 2 OF 3
 REF. TO CLAIM CORNER :
 LOGGED BY : STEPHEN C GOWER

DEPTH (m)	ALTERATION					FRACTURING	MINERALS	GEOLOGY	COMMENTS :	AVG. CORE REC'Y/HOLE	DRILLING INTERVAL	% CORE RECOVERED	METALLIC (Gm)	ASSAY G/Tm	WEIGHTED AVERAGE ASSAY G/Tm	GOWD G/Tm	ASSAYS			
	EPIDOTE	CHRY	SILICA	PYRITE	CHLORITE												Au oz/Tm	Ag oz/Tm	Au ppb	Ag ppm
93.6	✓								FELDSPAR PORPHYRY LITHIC TUFF (FP) EPIDOTE ALT. OF ALBITE									19	0.7	
96.65									GENERALLY MASSIVE (FP)									18	0.8	
99.70									" (FP)									11	0.7	
102.74									" (FP)									17	0.9	
105.79									" (FP)									18	1.3	
108.84									(FP) OCCAS. LIMONITE ALONG FRACTURES									19	1.4	
111.89									(FP)									21	1.7	
114.94	✓								(FP)									26	1.8	
117.94	✓								(FP)									22	1.8	
121.04	✓								(FP) INCREASING EPIDOTIZATION, SOMETIME PERVASIVE									23	1.4	
124.04	✓								(FP) OCCAS. SEAMS OF EPIDOTE									26	0.7	
127.13	✓								(FP) HIGHLY EPIDOTIZED									21	2.1	
130.18	✓	✓	✓						(FP) SILICIFIED MATRIX, EPIDOTIZED, QTZ STRINGS				0.656	0.05	0.04	0.08		1940	2.4	
133.23		✓	✓						(FP) AS ABOVE				0.26	0.09	0.10	0.046		1500	1.8	
136.28			✓						(FP) OCCAS. CROSSCUTTING SEAMS OF HEMATITE & PYRITE									78	0.6	
139.33									(FP)									63	1.2	
142.38									(FP)									77	2.3	
145.43	✓	✓	✓						APLITE, BLEACHED, SHEARED							0.06		11	0.7	
148.48	✓	✓	✓						APLITE, BLEACHED, SOME SHEARING									3	0.6	
151.52	✓	✓	✓						APLITE, COMPLEX BRECCIA									22	0.7	
154.57			✓						APLITE, HIGHLY SHEARED, LOCAL BRECCIA, COMPLEX BX									200	0.8	
156.10	✓								APLITE, SHEARED LOCAL BRECCIA									12	0.6	
157.62	✓								APLITE, AS ABOVE									79	0.9	
159.15	✓		✓						COMPLEX BRECCIA, SHEARED									2	0.7	
160.67	✓		✓						COMPLEX BRECCIA, SHEARED									1	0.6	
162.20			✓						(FP) MORE MASSIVE, CHLORITIC MATRIX									7	0.9	
163.72			✓						(FP) AS ABOVE									3	0.6	
165.24	✓								(FP) LOCAL QTZ BRECCIA, EPIDOTIZED FELDSPARS									10	1.7	
166.77	✓								(FP) DUSTY EPIDOTE ALONG FRN '65									2	3.3	
168.29									(FP) OCCASIONAL QTZ STRINGS									11	1.6	

COMPOSITE DRILL LOG

CORE SIZE : 3G SCALE : PROJECT : GOLDEN STRANGER HOLE No. DDH : # 24
 CASING COLLAR ELEV.: GROUND ELEV.: DATE STARTED : PAGE No. 3 OF 3
 COORDINATES : N. E. DATE FINISHED : REF. TO CLAIM CORNER :
 INCLINATION : -55° AZIMUTH : 252° TOTAL DEPTH : 200.3 m LOGGED BY : STEPHEN C GOWER

DEPTH (M)	ALTERATION					FRACTURING	MINERALS	GEOLOGY	COMMENTS:	AVG. CORE REC'Y/HOLE	DRILLING INTERVAL	% CORE RECOVERED	SAMPLE No.	SAMPLE INTERVAL (M)	ASSAYS			
	QUARTZ	CLAY	SULPH	HAEMAT	CHLORITE										Au g/t	Ag g/t	Au ppb	Ag ppm
169.82									FELSIC PORPHYRY LITHIC TUFF (F.P.)								6	1.4
171.34									(F.P.)									
172.87									(F.P.) OCCAS. QTZ STRINGERS								28	1.8
174.39	✓								(F.P.) INTERSTITIAL QTZ, SOME LOCAL BRECCIA								31	1.9
175.91			✓						(F.P.) CHLORITIZED MATRIX								17	1.3
177.44			✓						(F.P.) " "								52	1.5
178.96									(F.P.)								13	0.9
180.49	✓	✓							(F.P.) QTZ-CHLORITE ALTERATION ZONE								295	0.8
182.04	✓	✓							(F.P.) " " " "								1100	0.8
183.54	✓	✓							(F.P.) " " " "								775	1.4
185.06	✓	✓							(F.P.) " " " "								435	1.6
186.59	✓	✓							(F.P.) " " " " LOCAL BX'S								379	1.7
188.11	✓	✓							(F.P.) " " " " OPALINE QTZ								715	2.6
189.63	✓	✓							(F.P.) " " " " HEMATITE VEINETS								213	2.1
191.16	✓	✓							(F.P.) " " " "								132	0.9
192.68	✓	✓							(F.P.) " " " "								49	1.0
194.21	✓	✓							(F.P.) " " " "							0.005	420	2.4
195.73	✓	✓							(F.P.) JAROSITE-HEMATITE BRECCIA								39	0.8
197.26									(F.P.) JAROSITE-HEMATITE BRECCIA								9	0.9
198.78									(F.P.)								24	0.7
200.3									(F.P.) E.O.H.								27	1.2

COMPOSITE DRILL LOG

CORE SIZE : BQ

SCALE :

PROJECT : GOLDEN STRANGER

HOLE No. DDH : # 25

CASING COLLAR ELEV.:

GROUND ELEV.:

DATE STARTED :

PAGE No. 1 OF 2

COORDINATES :

N.

E.

DATE FINISHED :

REF. TO CLAIM CORNER :

INCLINATION : -50°

AZIMUTH : 275°

TOTAL DEPTH : 103.39 m

LOGGED BY : STEPHEN C GOWER

DEPTH (m)	ALTERATION					FRACTURING	MINERALS	GEOLOGY	COMMENTS: GOLD ZONE (75.30 - 82.93 m) WEAK GOLD ZONE (57.01 - 60.00 m)	AVG. CORE REC'Y/MOLE	DRILLING INTERVAL	% CORE RECOVERED	SAMPLE No.	SAMPLE INTERVAL (m)	ASSAYS				
	EPIDOTE	CLAY	SILICA	PHYLITE	CHLORITE										Au oz/TON	Ag oz/TON	Au g/t	Ag g/t	
0-3.0									CASING NO CORE										
5.18	✓								FELSIC PRIMARY LITHIC TUFF (F.P.) SUPERGENE WEATHERING									4	0.8
8.23	✓								(F.P.) SUPERGENE WEATHERING									3	0.7
11.28	✓								(F.P.) LIMONITE ALONG FRACTURES									3	0.6
14.33	✓		✓						(F.P.) OCCAS. QTZ-CALCITE STRINGER									1	0.6
17.38	✓		✓						(F.P.) SPARSE PYRITE									2	0.6
20.43	✓		✓						(F.P.) " "									2	0.6
23.48	✓		✓						(F.P.) QTZ-STRINGERS ALONG FRACTURES									3	0.7
26.52	✓		✓						(F.P.) OCCAS. QTZ-CALCITE STRINGER									3	0.7
29.57	✓		✓						(F.P.)									2	0.8
32.62									(F.P.) HYDROZINCITE?									4	0.9
35.67	✓								(F.P.)									2	1.7
38.72	✓								(F.P.) OCCAS. QTZ STRINGERS									3	1.1
41.77	✓								(F.P.) " " "									5	0.8
44.82	✓		✓						(F.P.) " " "									4	0.9
47.87	✓		✓						(F.P.) OCCAS. AMYGNOSTIC QTZ STRINGER									2	0.9
50.91	✓								(F.P.) SPHALERITE ALONG FRACTURES									4	1.0
53.96	✓								(F.P.) STRINGERS OF GALENA & SPHALERITE									196	2.6
57.01	✓								(F.P.) STRINGER OF MASSIVE GALENA & SPHALERITE						.008			163	6.8
60.06	✓								(F.P.) OCCAS. STRINGERS OF SULPHIDES						.045			179	9.4
61.59									(F.P.)									8	1.9
63.11									(F.P.)									21	3.1
64.63									CONTACT ZONE APLITE AT 64.33 SPHALERITE & GALENA						.001			122	6.2
66.13		✓							APLITE, MASSIVE, LIMONITE ALONG FRACTURES									7	1.9
67.68		✓							APLITE, " "									3	0.8
69.21		✓							APLITE									4	0.9
70.73		✓							APLITE, LOCAL QTZ-BRECCIA ZONES									18	2.6
72.26		✓							APLITE, SHATTERED, OCCAS. QTZ STRINGERS									58	4.4
73.78		✓							APLITE AS ABOVE									9	1.8
75.30		✓							APLITE, LOCAL BRECCIA									.2	2.3

COMPOSITE DRILL LOG

CORE SIZE : BQ SCALE : PROJECT : GOLDEN STRANGER HOLE No. DDH : 25
 CASING COLLAR ELEV. : GROUND ELEV. : DATE STARTED : PAGE No. 2 OF 2
 COORDINATES : N. E. DATE FINISHED : REF. TO CLAIM CORNER :
 INCLINATION : -50° AZIMUTH : 275° TOTAL DEPTH : 103.39m LOGGED BY : STEPHEN C GOWER

DEPTH (m)	ALTERATION				FRACTURING	MINERALS	GEOLOGY	COMMENTS :	AVG. CORE RECY/HOLE	DRILLING INTERVAL	% CORE RECOVERED	METALLIC GRND ASSAY - OZ/TON	WEIGHTED AVERAGE ASSAY	ASSAYS			
	EPIDOTE	CLAY	SILICA	PLATE										Au	Ag	Au	Ag
							DESCRIPTIVE GEOLOGY						oz/TON	oz/TON	ppb	ppm	
76.83							APLITE ABUNDANT LOCAL BRACCA'S					0.05	0.05	0.049	0.054	1490	3.6
78.35							APLITE " "					0.065	0.03	0.03	0.034	1050	24.4
79.88							COMPLEX BRACCA, APLITE FRAGMENTS, GREYISH QTZ					0.04	0.15	0.168	0.111	3600	5.3
81.40							COMPLEX BRACCA, APLITE FRAGMENTS MULTI-STAGE VEINING					0.20	0.33	0.148	0.420	4700	10.4
83.93							COMPLEX BRACCA, APLITE FRAGMENTS (GALENA, CLAY FRAG)					-	0.22	0.122	0.330	10000	19.3
84.49							APLITE, LOCAL BRACCA ZONES, QTZ STRINGERS									79	2.9
85.98							APLITE, SOME SHEARING, CLAY STRINGERS.									73	7.1
87.50							APLITE, AS ABOVE									18	2.6
89.02							APLITE, CLAY ALTERED, GREYISH QTZ									22	3.6
90.59							APLITE, LOCAL COMPLEX BRACCA'S									7	2.7
92.07							APLITE, BLEACHED, SHATTERED									4	2.9
93.60							APLITE " " CHALCEDONIC STRINGERS									5	2.6
95.12							APLITE, FAIRLY MASSIVE, OCCAS. CHALCEDONIC STRINGERS									3	0.7
96.65							APLITE, AS ABOVE									1	0.8
98.17							APLITE, AS ABOVE									2	0.6
99.7							APLITE, AS ABOVE									2	0.9
101.83							APLITE, ARGILLACEOUS ENVELOPES, GREYISH QTZ STR'S									12	0.6
103.39							APLITE, GROUND UP BY DRILL									41	0.7

COMPOSITE DRILL LOG

CORE SIZE : 50 SCALE : PROJECT : GOLDEN STRANGER HOLE No. DDH : #26
 CASING COLLAR ELEV.: GROUND ELEV.: DATE STARTED : PAGE No. 1 OF 2
 COORDINATES : N. E. DATE FINISHED : REF. TO CLAIM CORNER :
 INCLINATION : -60° AZIMUTH : 318° TOTAL DEPTH : 108.84 m LOGGED BY : STEPHEN C GOWER

DEPTH (M)	ALTERATION				FRACTURING	MINERALS	GEOLOGY	COMMENTS:	AVG. CORE REC'Y/HOLE	DRILLING INTERVAL	% CORE RECOVERED	SAMPLE No.	SAMPLE INTERVAL (M)	ASSAYS				
	EPIDOTE	APLITE	CLAY	SILICA										Au oz/Ton	Ag oz/Ton	Cu ppm	Py ppm	
0-3.0								CASING No CORE										
3.18								FELDSPAR BROWNISH LITHIC TUFF, (F.P.) SALMON PINK EP'S									1	1.9
8.23								(F.P.) AS ABOVE									19	1.1
11.28								(F.P.) " "									6	0.8
14.33								(F.P.) " "									3	0.9
17.38	✓	✓						(F.P.) DUSTY EPIDOTE ALONG FR'S									5	1.0
20.43	✓	✓						(F.P.) INCREASING EPIDOTIZATION									17	1.1
23.48	✓	✓						(F.P.) AS ABOVE									2	0.6
26.52	✓	✓						(F.P.) LIMONITE ALONG FRACTURES									1	0.9
29.57	✓	✓						(F.P.) EPIDOTE DECREASING, SOME SALMON PINK FELDSPARS									3	0.8
32.62	✓	✓						(F.P.) HIGHLY EPIDOTIZED									2	0.9
35.67	✓	✓						(F.P.) EPIDOTE ALONG FRACTURES, LIMONITE STAINING									2	0.9
38.72	✓							(F.P.)									4	0.8
41.77	✓							(F.P.)									1	0.8
44.82	✓							(F.P.)									3	0.7
47.87	✓							(F.P.)									2	1.3
50.91	✓							(F.P.)									4	0.9
53.96	✓							(F.P.)									6	0.8
57.01	✓							(F.P.)									2	1.0
60.06	✓							(F.P.)									1	0.8
63.11	✓							(F.P.) LIMONITE ALONG FR'S									7	1.9
66.16	✓							(F.P.) CROSSCUTTING SEAMS MASSIVE SULPHIDE, SPI/CALCINA									21	5.0
69.21	✓							(F.P.) INCREASING SILICIFICATION OF MATRIX									68	7.4
72.26	✓							(F.P.) AS ABOVE, APLITE CONTACT 71.95M									22	6.6
75.3								APLITE ABUNDANT QZ STR'S, SHATTERED									10	5.2
78.35								APLITE, AS ABOVE									8	6.0
81.40								APLITE, ABUNDANT LOCAL BRACCIA									42	2.2
84.45								APLITE, CHALCEDONIC STRINGERS									2	1.2
87.50								APLITE "									3	1.7
90.55								APLITE, LOCAL BRACCIA QZ S.									10	1.8

COMPOSITE DRILL LOG

CORE SIZE : 3Q
 CASING COLLAR ELEV. :
 COORDINATES : N. E.
 INCLINATION : -60°

SCALE :
 GROUND ELEV. :
 AZIMUTH :

PROJECT : GOLDEN STRANGER
 DATE STARTED :
 DATE FINISHED :
 TOTAL DEPTH : 108.84 m

HOLE No. DDH : # 26
 PAGE No. 2 OF 2
 REF. TO CLAIM CORNER :
 LOGGED BY : STEPHEN C GOWER

DEPTH (m)	ALTERATION				FRACTURING	MINERALS	GEOLOGY	COMMENTS :	AVG. CORE REC'/HOLE	DRILLING INTERVAL	% CORE RECOVERED	SAMPLE No.	SAMPLE INTERVAL (m)	ASSAYS				
	Pyrite													Au oz/ton	Ag oz/ton	Au ppm	Ag ppm	
93.60								MAJOR FAULT CLAY GOUGE, ALTERED BY FRAGMENTES									25	4.2
96.63								MAJOR FAULT, AS ABOVE									6	1.4
99.70	✓							MAJOR FAULT, CLAY ZONE SHEAR BRECCIA, ABUNDANT BITZ									2	2.0
102.74	✓							MAJOR FAULT, AS ABOVE									12	19
105.79								GOUGE - 103.96 SUCROED - 104.88 BLEACHED ALITE - 105.79									7	17.2
108.84								FLUOSPAR, GARNET, LITHIC TUFF, SUCROED EOH.									18	4.0

COMPOSITE DRILL LOG

CORE SIZE : 3Q

SCALE :

PROJECT : GOLDEN STRANGER

HOLE No. DDH : # 27

CASING COLLAR ELEV.:

GROUND ELEV.:

DATE STARTED :

PAGE No. 2 OF 2

COORDINATES :

N.

E.

DATE FINISHED :

REF. TO CLAIM CORNER :

INCLINATION : -50°

AZIMUTH : 297°

TOTAL DEPTH : 136.28 m

LOGGED BY : STEPHEN C GOWER

DEPTH (m)	ALTERATION				FRACTURING	MINERALS	GEOLOGY	COMMENTS :	AVG. CORE REC'Y/HOLE	DRILLING INTERVAL	% CORE RECOVERED	SAMPLE No.	SAMPLE INTERVAL (m)	ASSAYS			
														Au oz/TON	Ag oz/TON	Au ppb	Ag ppm
93.60							(F.P) Qtz - FELDSPAR FRACTURE FILLINGS									1	0.8
96.65							(F.P) " " " "									4	0.9
99.70							(F.P) " " " "									3	0.6
102.74							(F.P) " " " "									7	0.7
105.79							(F.P) " " " "									4	0.8
108.84							(F.P) " " " "									3	0.6
111.89							(F.P) " " " "									3	2.1
114.94							(F.P) FAIRLY FRESH									2	0.8
117.94							(F.P) OCCAS FRACTURE FILLING OF CALCITE OR FELDSPAR									2	0.8
121.04							(F.P) " " " "									1	0.9
124.09							(F.P) " " " "									2	0.7
127.13							(F.P) " " " "									3	0.8
130.18							(F.P) " " " "									2	0.6
133.23							(F.P) " " " "									3	0.9
136.28							(F.P) " " " " EDH									6	0.9

FAIRLY FRESH
DISTURBED
ZONE

COMPOSITE DRILL LOG

CORE SIZE : 3Q SCALE : PROJECT : GOLDEN STRANGER HOLE No. DDH : # 28
 CASING COLLAR ELEV.: GROUND ELEV.: DATE STARTED : PAGE No. 1 OF 1
 COORDINATES : N. E. DATE FINISHED : REF. TO CLAIM CORNER :
 INCLINATION : -75° AZIMUTH : 268° TOTAL DEPTH : 72.26 m LOGGED BY : STEPHEN C GOWER

DEPTH (m)	ALTERATION			FRACTURING	MINERALS	GEOLOGY	COMMENTS: Top of Gold Zone 32.62 - 34.15 m	AVG. CORE REC'Y/HOLE	DRILLING INTERVAL	% CORE RECOVERED	SAMPLE No.	SAMPLE INTERVAL (m)	ASSAYS		
	EPIDOTE	CLAY	SILICA										Au oz/Ton	Ag oz/Ton	
0-1.5							CASING NO CORE								
2.13	✓						FELDSPAR PORPHYRY LITHIC TUFF (FP)								
5.18	✓						(F.P) HIGHLY LEADITIZED							.001	.05
8.23	✓						(F.P)							.001	.03
11.28	✓						(F.P)							.001	.02
14.33	✓						(F.P)							.001	.02
17.38	✓						(F.P)							.001	.04
20.43	✓						(F.P)							.001	.02
23.48	✓	✓					(F.P) APLITE CONTACT @ 22.87m SOME SHEARING							.001	.06
26.52							APLITE, LIMONITE ALONG FR'S. OCCAS. QTZ VEINLET							.001	.06
29.57							APLITE, LOCAL BRECCIA, INCREASING QTZ VEINLETS							.001	.07
32.62							APLITE, FAIRLY MASSIVE							.001	.01
35.66	✓						APLITE, GREYISH CHALCEDONIC STRINGERS NEAR CONTACT							.001	.03
38.72	✓	✓					ZONE GREYISH QTZ HIGHLY SILICIOUS, VARIABLY PYRITIC							.001	.12
41.77	✓						(F.P) GREYISH, SOME CLAY ZONES							.001	.01
44.82							(F.P) FAIRLY MASSIVE							.001	.06
50.91							(F.P) SOME SHEARING							.001	0.06
52.96							(F.P) SOME CLAY ALT. OF FELDSPARS							.001	1.11
57.01							(F.P)							.001	0.11
60.06							(F.P)							.001	0.06
63.11							(F.P)							.001	0.24
66.16							(F.P)							.001	0.17
69.21							(F.P)							.001	0.25
72.26							(F.P) E.O.H.							.001	0.07

COMPOSITE DRILL LOG

CORE SIZE : 3Q

SCALE :

PROJECT : GOLDEN STRANGER

HOLE No. DWH : 29

CASING COLLAR ELEV.:

GROUND ELEV.:

DATE STARTED :

PAGE No. 1 OF 1

COORDINATES :

N.

E.

DATE FINISHED :

REF. TO CLAIM CORNER :

INCLINATION :

:-60°

AZIMUTH :

: 308

TOTAL DEPTH : 66.16 m

LOGGED BY : STEPHEN C GOWER

DEPTH (m)	ALTERATION				FRACTURING	MINERALS	GEOLOGY	COMMENTS: SHATTERED QTZ VEIN 33.54 - 35.61 CONTAINING LOW GRADE GOLD.	AVG. CORE REC'Y/HOLE	DRILLING INTERVAL	% CORE RECOVERED	SAMPLE No.	SAMPLE INTERVAL (m)	ASSAYS				
	EPIDOTE	CLAY	SULFIDE	CHALCITE										Au OZ/TON	Ag OZ/TON			
0-2.18								CASING NO CORE										
5.18	✓							* FELDSPAR PORPHYRY LITHIC TYPE (FP) LIMONITE ON FR'S							.001	.06		
8.23	✓							(FP) LIMONITE ALONG FR'S							.001	.02		
11.28	✓							(FP)							.001	.01		
14.33	✓							(FP)							.001	.06		
17.38	✓							(FP) LOCAL BRECCIA, SOME SHEARING							.001	.06		
18.90	✓							(FP)							.001	.05		
20.43	✓							(FP)							.001	.05		
21.99	✓	✓						(FP) APLITE CONTACT AT 21.65m							.001	.06		
26.52		✓						* APLITE CHALCOPHYLLITE STR'S, QTZ-BYES, LIMONITE ALONG FR'S							.001	.05		
28.09		✓						* AS ABOVE							.004	.07		
29.57		✓						* AS ABOVE							.003	.13		
31.10		✓						* APLITE LIMONITE ALONG FR'S, OCCAS. QTZ STRINGERS							.001	.11		
32.62		✓						* AS ABOVE							.001	.09		
34.49		✓						SHATTERED APLITE, SHATTERED QTZ VEIN AT 33.54							.004	.06		
35.67		✓						SHATTERED QTZ VEIN, BLuish, SOME CLAY BRIDGE							.014	.11		
37.20	✓	✓						(FP) GREYISH CLAY SEAMS, LOCAL BRECCIA							.001	.07		
38.72	✓							(FP) AS ABOVE							.001	.11		
41.24	✓							(FP) QTZ-CALCITE STRINGERS							.003	.11		
41.77	✓							AS ABOVE							.001	.09		
43.29	✓							AS ABOVE							.001	.11		
44.82	✓							(FP) LOCAL BRECCIA							.001	.08		
46.39	✓							AS ABOVE, GREYISH STRINGERS							.001	.08		
47.87	✓							AS ABOVE							.001	.06		
50.91	✓	✓						(FP) HIGHLY ALTERED, CLAY-CHLORITE SHEARS, BRECCIA							.002	.06		
53.96	✓		✓					(FP) FAIRLY MASSIVE							.001	.07		
57.01	✓		✓					(FP) CHLORITIC SHEARS							.002	.11		
60.08	✓	✓						(FP) ENVELOPES OF SERICITE & CLAY							.002	.11		
63.11	✓							(FP)							.001	.09		
66.16	✓							(FP) HEMATITIC INFILLINGS, LOCAL BRECCIA, EOH							.003	.11		

APPENDIX B

ASSAY RESULTS



**MINERAL
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TIMMINS OFFICE:
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P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 284-9996

Certificate of GEOCHEM

Company: WESTERN HORIZON RESOURCES
Project:
Attention: S. GOWER

File: 9-818/P1
Date: JULY 3/1988
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

RECEIVED JUL - 7 1988

Sample Number	DI = DDH #	AU-FIRE PPB	AG PPM
D1 10-17	19	15	0.8
D1 17-27		5	0.7
D1 27-37		4	0.5
D1 37-47		6	0.8
D1 47-57		3	0.8

D1 57-67		1	0.9
D1 67-77		1	1.0
D1 77-87		2	0.7
D1 87-97		3	0.6
D1 97-107		10	0.8

D1 107-117		2	0.5
D1 117-127		3	0.6
D1 127-137		2	0.7
D1 137-147		1	0.8
D1 147-157		12	0.7

D1 157-167		1	0.6
D1 167-177		2	0.8
D1 177-187		1	0.9
D1 187-197		3	0.9
D1 197-207		2	0.8

D1 207-217		3	0.8
D1 217-227		2	0.7
D1 227-237		2	0.9
D1 237-247		3	0.6
D1 247-257		1	1.1

D1 257-267		49	2.3
D1 267-277		63	1.9
D1 277-287		190	1.8
D1 287-297		4	0.7
D1 297-307		2	0.9

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TELEPHONE: (705) 264-9996

Certificate of Geochem

Company: WESTERN HORIZON RESOURCES
Project:
Attention: S. GOWER

File: 8-819/P2
Date: JULY 3/88
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	D1 = DDH # 19	AL-FIRE PPB	AG PPM
D1 307-317		31	2.1
D1 317-327		12	.14
D1 327-337		5	0.9
D1 337-347		9	0.8
D1 347-357		13	1.3

D1 357-367		7	2.2
D1 367-377		60	2.1
D1 377-387		4	0.7
D1 387-397		80	0.6
D1 397-407		6500	1.5

D1 407-417		1200	1.9
D1 417-427		2	0.8
D1 427-437		6	1.1
D1 437-447		76	0.9
D1 447-457		15	0.8

D1 457-467		23	1.5
D1 467-477		5	0.7
D1 477-487		1	1.6
D1 487-497		12	1.2
D1 497-507		40	1.7

D1 507-517		27	2.1
D1 517-527		92	1.0
D1 527-537		61	0.7
D1 537-547		80	0.6
D2 10-17		2	0.8

D2 17-27	D2 = DDH #20	7	0.7
D2 27-37		3	0.8
D2 37-47		14	0.7
D2 47-57		9	0.7
D2 57-67		20	0.9

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TELEPHONE: (705) 264-9898

Certificate of Geochem

Company: WESTERN HORIZON RESOURCES
Project:
Attention: S. GOWER

File: 9-818/P3
Date: JULY 3/88
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	D2- DDH #20	AU-FIRE PPB	AG PPM
D2 67-77		2	0.9
D2 77-87		9	1.8
D2 87-97		130	1.6
D2 97-107		47	1.7
D2 107-117		10	0.7

D2 117-127		12	0.9
D2 127-137		3	0.8
D2 137-147		1	0.6
D2 147-157		2	1.3
D2 157-167		5	0.9

D2 167-177		2	0.7
D2 177-187		1	0.6
D2 187-197		3	0.8
D2 197-207		19	0.7
D2 207-217		4	0.6

D2 217-227		3	0.7
D2 227-237		15	1.2
D2 237-247		12	0.8
D2 247-257		24	0.9
D2 257-267		6	0.8

D2 267-277		83	0.8
D2 277-287		13	0.9
D2 287-297		590	1.7
D2 297-307		55	2.1
D2 307-317		52	2.5

D2 317-327		28	1.3
D2 327-337		30	0.9
D2 337-343		4	0.6
D2 343-354		13	0.7
D2 354-365		22	0.8

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TELEPHONE: (705) 264-9996

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Company: WESTERN HORIZON RESOURCES
Project:
Attention: S. GOWER

File: 8-818/P4
Date: JULY 3/88
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AN-FIRE	AG
D2 = DDH # 20 D3 = DDH # 21	PPB	PPM
D2 365-374	2	0.7
D2 374-385	5	0.6
D2 385-396	3	0.8
D2 396-406	4	0.8
D2 406-417	19	3.6

D2 417-427	16	1.5
D2 427-437	18	2.2
D2 437-447	20	3.1
D2 447-457	36	3.9
D2 457-467	27	2.7

D2 467-477	635	1.9
D2 477-487	56	4.8
D2 487-497	11	3.2
D3 10-17	41	1.0
D3 17-27	4	0.8

D3 27-37	13	0.7
D3 37-47	3	0.7
D3 47-57	1	0.8
D3 57-67	2	0.6
D3 67-77	3	0.8

D3 77-87	4	0.9
D3 87-97	2	0.7
D3 97-107	3	0.6
D3 107-117	10	0.8
D3 117-127	9	0.7

D3 127-137	3	0.9
D3 137-147	7	0.6
D3 147-157	20	0.7
D3 157-167	12	0.6
D3 167-177	99	0.8

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TELEX: VIA U.S.A. 7601087 • FAX (604) 980-9621

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Certificate of Geochem

Company: WESTERN HORIZON RESOURCES
Project:
Attention: S. GOWER

File: 8-818/P5
Date: JULY 3/88
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	D3 = DD4 *23	AU-FIRE PPB	AG PPM
D3 177-187		4	0.9
D3 187-197		10	0.8
D3 197-207		111	0.8
D3 207-217		2	0.7
D3 217-227		3	0.9
<hr/>			
D3 227-237		2	0.7
D3 237-247		2	0.8
D3 247-257		3	0.9
D3 257-267		330	1.8
D3 267-277		12	0.7
<hr/>			
D3 277-287		2	0.8
D3 287-297		3	0.7
D3 297-307		9	0.6
D3 307-317		4	0.9
D3 317-327		23	1.0
<hr/>			
D3 327-337		42	1.7
D3 337-347		39	1.5
D3 347-357		53	2.8
D3 357-367		59	2.7
D3 367-377		4	0.8
<hr/>			
D3 377-387		140	0.9
D3 387-397		16	0.6
D3 397-407		4	0.5
D3 407-417		3	0.6
D3 417-427		3	0.6
<hr/>			
D3 427-437		17	1.4
D3 437-447		21	1.7
D3 447-457		8	1.1
D3 457-467		45	1.5
D3 467-477		52	1.4

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TELEX: VIA U.S.A. 7601087 • FAX (604) 980-9621

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33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Certificate of Geochem

Company: WESTERN HORIZON RESOURCES
Project:
Attention: S. GOWER

File: 8-818/P6
Date: JULY 3/88
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	D3-DDH # 21	AU-FIRE PPB	AG PPM
D3 477-487		288	0.9
D3 487-497		243	1.1
D3 497-507		28	0.8
D3 507-517		162	1.4
D3 517-527		268	1.7

D3 527-537		203	1.6

Certified by _____

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TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 284-9998

Certificate of ASSAY

Company: WESTERN HORIZON RESOURCES
Project:
Attention: S. GOWER

File: 8-818/P1
Date: JULY 3/88
Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	DI = DDK # 19	AU G/TONNE	AU OZ/TON
D1 397-407		7.10	0.207
D1 407-417		1.40	0.041

Certified by _____

[Handwritten Signature]
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TELEPHONE (604) 980-5814 OR (604) 988-4524
TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9621

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 887
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Certificate of GEOCHEM

Company: WESTERN HORIZONS RESOURCES
Project:
Attention: S. GOWER / J. GREG / M. KENYON

File: 8-863/P1
Date: JULY 10/88
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

RECEIVED JUL 13 1988

Sample Number	AG PPM	AU-FIRE PPB
D22-5-17	0.7	2
D22-17-27	0.8	1
D22-27-37	0.8	1
D22-37-47	0.6	1
D22-47-57	0.7	3

D22-57-67	0.6	2
D22-67-77	0.8	5
D22-77-87	0.7	1
D22-87-97	0.7	6
D22-97-107	0.6	4

D22-107-117	1.3	2
D22-117-127	0.7	1
D22-127-137	1.0	2
D22-137-147	0.7	3
D22-147-157	0.9	1

D22-157-167	0.9	12
D22-167-177	0.7	2
D22-177-187	0.5	3
D22-187-197	1.0	1
D22-197-207	1.0	3

D22-207-217	1.0	2
D22-217-227	0.8	1
D22-227-237	0.7	6
D22-237-247	0.7	2
D22-247-257	0.9	1

D22-257-267	0.6	1
D22-267-277	0.7	2
D22-277-287	0.7	2
D22-287-297	0.6	3
D22-297-307	0.8	4

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TELEPHONE (604) 980-5814 OR (604) 988-4524
TELEX: VIA U.S.A. 7601087 • FAX (604) 980-9821

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 887
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Certificate of GEOCHEM

Company: WESTERN HORIZONS RESOURCES
Project:
Attention: S. GOWER/J. GREG/M. KENYON

File: 8-B63/P2
Date: JULY 11/88
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AG PPM	AU-FIRE PPB
D22-307-317	0.7	2
D22-317-327	0.8	3
D22-327-337	0.7	2
D22-337-347	0.7	2
D22-347-357	0.8	1

D22-357-367	0.7	1
D22-367-377	0.8	2
D22-377-387	1.0	3
D22-387-397	0.9	5
D22-397-407	1.2	2

D22-407-417	1.1	77
D22-417-427	0.6	119
D22-427-437	0.7	41
D22-437-447	2.2	104
D22-447-457	0.7	2

D22-457-467	0.9	3
D22-467-477	0.9	2
D22-477-487	0.7	1
D22-487-497	0.5	1
D22-497-507	0.9	2

D22-507-517	0.7	3
D22-517-527	0.8	2
D22-527-537	1.6	2
D22-537-547	0.9	1
D22-547-557	0.6	1

D22-557-567	0.8	2
D22-567-577	0.5	3
D22-577-587	0.7	1
D22-587-597	0.6	1
D22-597-607	1.1	1

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NORTH VANCOUVER, B.C. CANADA V7M 1T2
TELEPHONE: (604) 980-5814 OR (604) 988-4524
TELEX: VW U.S.A. 7801067 • FAX (604) 980-8621

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 887
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Certificate of GEOCHEM

Company: WESTERN HORIZON RES
Project: SUTTON/REDFERN
Attention: STEPHEN GOWER

File: B-872/P1
Date: JULY 11/88
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number ~~DE-0011~~ # 1-3 AG PPM AU-FIRE PPB

RECEIVED JUL 13 1988

D22.607-617 0.4 3
D22.617-627 0.4 34
D22.627-637 0.3 38
D22.637-647 0.2 86
D22.647-657 0.3 21

D22.657-667 1.2 64
D22.667-677 1.3 68
D22.677-687 0.4 5
D22.687-697 0.6 2
D22.697-707 0.8 63

D22.707-717 1.0 56
D22.717-727 1.4 24
D22.727-737 1.2 43
D22.737-747 1.2 31
D23.397-407 0.4 9

D23.407-417 0.6 7
D23.417-427 0.4 20
D23.427-437 0.4 4
D23.437-447 0.5 8
D23.447-457 0.4 2

D23.457-467 0.5 6
D23.467-477 2.2 1
D23.477-487 1.0 25
D23.487-497 1.1 43
D23.497-507 0.7 36

D23.507-517 0.3 22
D23.517-527 0.2 19
D23.527-537 0.2 8
D23.537-547 0.7 16
D23.547-557 2.1 37

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TELEPHONE (604) 980-5814 OR (604) 988-4524
TELEX: VIA U.S.A. 7801087 • FAX (604) 980-9821

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Certificate of GEOCHEM

Company: WESTERN HORIZONS RESOURCES
Project:
Attention: S. GOWER/J. GREG/M. KENYON

File: 8-863/P3
Date: JULY 10/88
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AG PFM	AU-FIRE PPB
D23-05-17	0.8	2
D23-17-27	0.6	1
D23-27-37	0.6	3
D23-37-47	0.7	2
D23-47-57	0.8	2
D23-57-67	0.7	1
D23-67-77	0.9	3
D23-77-87	0.8	4
D23-87-97	0.9	10
D23-97-107	0.7	2
D23-107-117	0.7	1
D23-117-127	0.8	5
D23-127-137	0.9	2
D23-137-147	1.2	1
D23-147-157	0.9	4
D23-157-167	1.0	8
D23-167-177	1.0	2
D23-177-187	1.1	3
D23-187-197	0.9	2
D23-197-207	0.8	1
D23-207-217	1.1	2
D23-217-227	1.0	16
D23-227-237	1.3	2
D23-237-247	2.4	1
D23-247-257	0.8	3
D23-257-267	0.9	5
D23-267-277	1.2	4
D23-277-287	1.4	2
D23-287-297	1.0	2
D23-297-307	1.0	3

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TELEPHONE (604) 980-5814 OR (604) 988-4524
TELEX: VIA U.S.A. 7801087 • FAX (604) 980-9821

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 284-9998

Certificate of GEOCHEM

Company: WESTERN HORIZONS RESOURCES
Project:
Attention: S. GOWER / J. GREG / M. KENYON

File: 8-863/P4
Date: JULY 10/88
Type: ROCK GEOCHEM

He hereby certify the following results for samples submitted.

Sample Number	AG PPM	AU-FIRE PPB
023-307-317	1.7	10
023-317-327	0.7	2
023-327-337	0.7	3
023-337-347	0.6	18
023-347-357	0.8	4

023-357-367	2.4	73
023-367-377	1.7	152
023-377-387	1.1	2
023-387-397	0.6	1

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TELEPHONE (604) 960-5814 OR (604) 988-4524
TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9821

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 887
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9998

Certificate of Geochem

Company: WESTERN HORIZON RES
Project: SUTTON/REDFERN
Attention: STEPHEN GOWER

File: 8-872/P2
Date: JULY 11/88
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AG PPM	AU-FIRE FPB
D23.557-567	1.5	19
D23.567-577	1.2	112
D23.577-587	0.6	2
D23.587-597	2.2	21
D23.597-607	3.5	34

D23.607-617	1.9	8
D23.617-627	2.0	139
D23.627-637	1.9	128
D23.637-647	2.4	74
D23.647-657	1.3	67

3.657-667	1.2	40
D23.667-677	2.8	53
D23.677-687	2.2	42
D23.687-697	2.0	19
D23.697-707	0.7	17

D23.707-717	1.2	36
D23.717-727	0.7	8
D23.727-737	1.2	12
D23.737-747	1.9	18

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TELEPHONE (604) 980-5814 OR (604) 988-4524
TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9621

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Certificate of Geochem

Company: WESTERN HORIZONS
Project:
Attention: S. GOWER/J. GREG

File: 8-907/P3
Date: JULY 14/88
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AG PPM	FIRE AU PPB
D24 642-647	.9	9
D24 647-652	.7	24
D24 652-657	1.2	27
D24 477-487A	.6	3
D24 477-487B	.7	22

D24 497-507	.8	200
D24 507-512	.6	12
D24 512-517	.9	79
D24 517-522	.7	2
D24 522-527	.6	1

D24 527-532	.9	7
D24 532-537	.6	3
D24 537-542	1.7	10
D24 542-547	3.3	2
D24 547-552	1.6	11

D24 552-557	1.4	6
D24 557-562	NO SAMPLE	
D24 562-567	1.8	28
D24 567-572	1.9	31
D24 572-577	1.3	17

D24 577-582	1.5	52
D24 582-587	.9	13
D24 587-592	.8	295
D24 592-597	.8	1100
D24 597-602	1.4	775

D24 602-607	1.6	435
D24 607-612	1.7	379
D24 612-617	2.6	715
D24 617-622	2.1	213
D24 622-627	.9	132

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TELEPHONE (604) 980-5814 OR (604) 988-4524
TELEX: VIA U.S.A. 7801087 • FAX (604) 980-9821

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

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Company: WESTERN HORIZONS
Project:
Attention: S. GOWER/J. GREG

File: 8-907/P5
Date: JULY 13/88
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AG PPM	FIRE AU PPB
D24 107-117	.6	8
D24 117-127	.8	6
D24 127-137	.7	12
D24 137-147	.8	19
D24 147-157	.6	5

D24 157-167	.5	2
D24 167-177	.7	3
D24 177-187	5.1	4
D24 187-197	.7	2
D24 197-207	.8	5

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TELEPHONE (604) 880-5814 OR (604) 886-4524
TELEX: VIA U.S.A. 7801067 • FAX (604) 980-9621

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9998

Certificate of Geochem

Company: WESTERN HORIZONS
Project:
Attention: S. GDWER/J. GREG

File: B-907/P2
Date: JULY 13/88
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AG PPM	FIRE AU PPB
D25 252-257	24.4	1050
D24 207-217	.8	2
D24 217-227	3.4	23
D24 227-237	1.6	17
D24 237-247	2.9	18

D24 247-257	.7	3
D24 257-267	.9	2
D24 267-277	.8	3
D24 277-287	.7	1
D24 287-297	.6	3

D24 297-307	.7	19
D24 307-317	.8	13
D24 317-327	.7	11
D24 327-337	.9	19
D24 337-347	1.3	18

D24 347-357	1.4	19
D24 357-367	1.7	21
D24 367-377	1.8	26
D24 377-387	1.8	22
D24 387-397	1.4	23

D24 397-407	.7	26
D24 407-417	2.1	21
D24 417-427	2.4	1940
D24 427-437	1.8	1500
D24 437-447	.6	78

D24 447-457	1.2	63
D24 457-467	2.3	79
D24 467-477	.7	11
D24 632-637	2.4	420
D24 637-642	.8	39

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TELEPHONE (804) 980-5814 OR (604) 988-4524
TELEX: VIA U.S.A. 7801067 • FAX (804) 980-9621

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Certificate of Geochem

Company: WESTERN HORIZONS
Project:
Attention: S. GOWER/J. GREG

File: 8-907/P4
Date: JULY 14/88
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AG PPM	FIRE AU. PPB
D24 627-632	1.0	49
D22 747-752	.3	16
D22 752-757	1.8	24
D22 757-762	.3	9
D22 762-767	.2	12

D22 767-772	2.6	6
D22 772-777	.2	10
D22 777-782	.3	14
D22 782-787	.4	3
D22 787-792	.3	17

D22 792-797	.3	5
D22 797-802	1.1	3
D22 802-807	.7	4
D22 807-812	1.5	2
D22 812-817	.8	2

D22 817-827	.7	9
D22 827-837	2.4	30
D22 837-847	.9	4
D22 847-857	.8	2
D22 857-867	1.0	2

D24 7-17A	.9	2
D24 7-17B	.4	3
D24 27-37	1.8	8
D24 37-47	1.3	28
D24 47-57	1.2	1

D24 57-67	1.9	28
D24 67-77	1.0	2
D24 77-87	.9	1
D24 87-97	.7	6
D24 97-107	1.3	12

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TELEPHONE (604) 980-5814 OR (604) 988-4524
TELEX: VIA U.S.A. 7801087 • FAX (604) 980-9621

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 284-9996

Certificate of GEOCHEM

Company: WESTERN HORIZONS
Project:
Attention: S. GOWER/J. GREG

File: B-907/P1
Date: JULY 13/88
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AG PPM	FIRE AU PPB
D25 10-17	.8	4
D25 17-27	.7	3
D25 27-37	.6	3
D25 37-47	.6	1
D25 47-57	.8	2

D25 57-67	.6	2
D25 67-77	.7	3
D25 77-87	.7	3
D25 87-97	.8	2
D25 97-107	.9	4

D25 107-117	1.7	2
D25 117-127	1.1	3
D25 127-137	.8	5
D25 137-147	.9	4
D25 147-157	.9	2

D25 157-167	1.0	4
D25 167-177	2.6	196
D25 177-187	6.8	163
D25 187-197	9.4	179
D25 197-202	1.9	8

D25 202-207	3.1	21
D25 207-212	5.2	122
D25 212-217	1.9	7
D25 217-222	.8	3
D25 222-227	.9	4

D25 227-232	2.6	18
D25 232-237	4.4	58
D25 237-242	1.8	9
D25 242-247	2.3	22
D25 247-252	3.6	1490

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TELEPHONE (604) 980-5814 OR (604) 988-4524
TELEX: VIA U.S.A. 7801067 • FAX (604) 980-9621

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Certificate of ASSAY

Company: WESTERN HORIZONS
Project:
Attention: S. GOWER/J. GREG

File: 8-907/P1
Date: JULY 14/88
Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number		AU G/TONNE	AU OZ/TON
D25 247-252	16.63	1.78	0.052
D25 252-257	78.39	1.17	0.034
D24 417-427		2.74	0.080
D24 427-437		1.59	0.046
D24 592-597		1.21	0.035

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TELEPHONE (604) 980-5814 OR (604) 988-4524
TELEX: VIA U.S.A. 7601087 • FAX (604) 980-0621

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 887
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Certificate of GEOCHEM

Company: WESTERN HORIZONS
Project:
Attention: S GOWER

File: 8-943/P1
Date: JULY 20/88
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AU-FIRE PPB	AG PPM
025 257-262	3600	5.3
025 262-267	9700	10.4
025 267-272	10000	19.3
025 272-277	79	2.9
025 277-282	73	7.1
025 282-287	18	2.6
025 287-292	22	3.6
025 292-297	7	2.7
025 297-302	4	2.9
025 302-307	5	2.6
025 307-312	3	.7
025 312-317	1	.8
025 317-322	2	.6
025 322-327	2	.9
025 327-334	12	.6
025 334-339	41	.7
026 10-17	1	1.9
026 17-27	19	1.1
026 27-37	6	.8
026 37-47	3	.9
026 47-57	5	1.0
026 57-67	17	1.1
026 67-77	2	.6
026 77-87	1	.9
026 87-97	3	.9
026 97-107	2	.9
026 107-117	2	.9
026 117-127	4	.8
026 127-137	1	.8
026 137-147	3	.7

Certified by

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VANCOUVER OFFICE:
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TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9821

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Certificate of Geochem

Company: WESTERN HORIZONS
Project:
Attention: S. GOWER

File: B-943/P2
Date: JULY 22/86
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AU-FIRE PPB	AG PPM
026 147-157	2	1.3
026 157-167	4	0.9
026 167-177	6	0.8
026 177-187	2	1.0
026 187-197	1	0.8

026 197-207	7	1.9
026 207-217	21	5.0
026 217-227	68	7.4
026 227-237	22	6.6
026 237-247	10	5.2

026 247-257	8	6.0
026 257-267	42	2.2
026 267-277	2	1.2
026 277-287	3	1.7
026 287-297	10	1.8

026 297-307	25	4.2
026 307-317	6	1.4
026 317-327	2	2.0
026 327-337	12	1.9
026 337-347	7	17.2

026 347-357	18	4.0

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 TELEX: VIA U.S.A. 7801067 • FAX (604) 980-9621

TIMMINS OFFICE:
 33 EAST IROQUOIS ROAD
 P.O. BOX 887
 TIMMINS, ONTARIO CANADA P4N 7G7
 TELEPHONE: (705) 264-9998

Certificate of ASSAY

Company: WESTERN HORIZONS
 Project:
 Attention: S BOWER

File: 8-943/P1
 Date: JULY 20/88
 Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number		AU G/TONNE	AU OZ/TON
D25 257-262	79.88	3.80	0.111
D25 262-267	81.40	14.40	0.420
D25 267-272	82.93	11.30	0.330

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TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9621

TIMMINS OFFICE:

33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9986

Certificate of GEOCHEM

Company: WESTERN HORIZONS RES.
Project:
Attention: STEPHEN GOWER

File: 8-953/P1
Date: JULY 21/88
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AG PPM	AU-FIRE PPB
D27 5-17	.7	19
D27 17-27	.6	3
D27 27-37	.8	6
D27 37-47	.5	12
D27 47-57	.5	4

D27 57-67	.6	6
D27 67-77	.4	8
D27 77-87	.7	1
D27 87-97	.6	3
D27 97-107	.8	22

D27 107-117	.7	7
D27 117-127	.6	5
D27 127-137	.7	2
D27 137-147	.8	3
D27 147-157	.6	1

D27 157-167	1.0	72
D27 167-177	.7	18
D27 177-187	.9	5
D27 187-197	.8	2
D27 197-207	.9	29

D27 207-217	1.8	17
D27 217-227	1.4	21
D27 227-237	2.4	63
D27 237-247	2.7	54
D27 247-257	2.5	239

D27 257-267	3.2	213
D27 267-277	1.1	19
D27 277-287	1.3	36
D27 287-297	.7	4
D27 297-307	.8	1

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33 EAST IROQUOIS ROAD
P.O. BOX 887
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9998

Certificate of GEOCHEM

Company: WESTERN HORIZONS RESOURCES
Project:
Attention: STEPHEN GOWER

File: 8-953/P2
Date: JULY 20/88
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	AG PPM	AU-FIRE PPB
D27 307-317	.9	4
D27 317-327	.6	3
D27 327-337	.7	7
D27 337-347	.8	4
D27 347-357	.6	3

D27 357-367	2.1	3
D27 367-377	.8	2
D27 377-387	.8	2
D27 387-397	.9	1
D27 397-407	.7	2

D27 407-417	.8	3
D27 417-427	.6	2
D27 427-437	.9	3
D27 437-447	.9	6

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TELEX: VIA U.S.A. 7601067 • FAX (604) 960-9621

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Certificate of ASSAY

Company: WESTERN HORIZONS RESOURCES
Project:
Attention: STEVE GOWER/ELAINE THOMPSON

File: S-1259/P1
Date: AUGUST 21/88
Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number		AU G/TONNE	AU OZ/TON	AG ONNE	AG OZ/TON
D-29.007-017	5.18	.01	0.001	2.1	0.06
D-29.017-027	8.23	.02	0.001	0.6	0.02
D-29.027-037	11.28	.01	0.001	0.4	0.01
D-29.037-047	14.33	.01	0.001	1.9	0.06
D-29.047-057	17.36	.04	0.001	2.0	0.06

D-29.057-062	18.90	.01	0.001	1.6	0.05
D-29.062-067	20.43	.01	0.001	1.7	0.05
D-29.067-072	21.91	.01	0.001	2.1	0.06
D-29.072-087	26.52	.02	0.001	1.8	0.05
D-29.087-092	28.09	.15	0.004	2.5	0.07

29.092-097	29.57	.11	0.003	4.3	0.13
D-29.097-102	31.10	.02	0.001	3.7	0.11
D-29.102-107	32.62	.01	0.001	3.0	0.09
D-29.107-113	34.49	.12	0.004	2.2	0.06
D-29.113-117	35.67	.49	0.014	3.9	0.11

D-29.117-122	37.20	.03	0.001	2.4	0.07
D-29.122-127	38.12	.01	0.001	3.8	0.11
D-29.127-132	40.24	.10	0.003	3.6	0.11
D-29.132-137	41.17	.02	0.001	3.0	0.09
D-29.137-142	43.29	.02	0.001	3.7	0.11

D-29.142-147	44.82	.01	0.001	2.6	0.08
D-29.147-152	46.39	.01	0.001	2.9	0.08
D-29.152-157	47.87	.03	0.001	2.2	0.06
D-29.157-167	50.91	.06	0.002	2.1	0.06
D-29.167-177	53.76	.04	0.001	2.3	0.07

D-29.177-187	57.01	.07	0.002	3.6	0.11
D-29.187-197	60.28	.08	0.002	3.8	0.11
D-29.197-207	63.11	.04	0.001	3.1	0.09
D-29.207-217	66.16	.10	0.003	3.4	0.10

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TELEX: VIA U.S.A. 7601067 • FAX (604) 980-8621

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Certificate of ASSAY

Company: WESTERN HORIZONS RESOURCES
Project:
Attention: S GOWER/M. KENYON/JOHN GREG

File: 8-1233/P1
Date: AUG 19/88
Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number		AU G/TONNE	AU OZ/TON	AG G/TONNE	AG OZ/TON
D28 005-017	5.18	.02	0.001	1.8	0.05
D28 017-027	8.23	.01	0.001	1.1	0.03
D28 027-037	11.28	.01	0.001	.7	0.02
D28 037-047	14.33	.01	0.001	.8	0.02
D28 047-057	17.38	.01	0.001	1.3	0.04
D28 057-067	20.43	.04	0.001	.6	0.02
D28 067-077	23.48	.07	0.002	1.9	0.06
D28 077-087	26.52	.01	0.001	2.0	0.06
D28 087-097	29.57	.05	0.001	2.3	0.07
D28 097-107	32.62	.01	0.001	.5	0.01
D28 107-112	34.75	1.35	0.039	13.8	0.40
D28 112-117	35.67	.01	0.001	.9	0.03
D28 117-122	37.2	.02	0.001	5.8	0.17
D28 122-127	38.72	.01	0.001	4.1	0.12
D28 127-132	40.24	.02	0.001	2.5	0.07
D28 132-137	41.77	.01	0.001	3.2	0.09
D28 137-147	44.82	.02	0.001	2.1	0.06
D28 147-157		.01	0.001	1.8	0.05
D28 157-167		.01	0.001	2.0	0.06
D28 167-177		.02	0.001	37.9	1.11
D28 177-187		.01	0.001	3.8	0.11
D28 187-197		.01	0.001	2.2	0.06
D28 197-207		.01	0.001	8.1	0.24
D28 207-217		.02	0.001	5.7	0.17
D28 217-227		.01	0.001	1.8	0.05
D28 227-237		.01	0.001	2.3	0.07

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TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Certificate of ASSAY

Company: WESTERN HORIZONS RESOURCE
Project:
Attention: S. GOWER/M. KENYON

File: 8-1234/P1
Date: AUG 19/88
Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	AU G/TONNE	AU OZ/TON	AG G/TONNE	AG OZ/TON
D1 277-287 DDH # 19	.07	0.002	1.4	0.04
D1 397-397 DDH # 19	.03	0.001	5.9	0.17
D1 397-407 DDH # 19	11.55	0.337	6.2	0.18
D1 407-417 DDH # 19	1.14	0.033	1.8	0.05
D1 417-427 DDH # 19	.14	0.004	1.1	0.03

D2 287-297 DDH # 20	.40	0.012	1.7	0.05
D3 257-267 DDH # 21	.41	0.012	1.6	0.05
D3 437-447 DDH # 21	.02	0.001	1.9	0.06
D3 477-487 DDH # 21	.53	0.015	1.3	0.04
D21 517-527	.32	0.009	3.8	0.11

D1 527-537	.10	0.003	1.9	0.06
D22 417-427	.42	0.012	1.2	0.04
D22 437-447	.01	0.001	1.1	0.03
D23 252-257	2.71	0.079	47.7	1.39
D23 367-377	.01	0.001	1.3	0.04

D23 617-627	.30	0.009	1.8	0.05
D23 627-637	.08	0.002	1.6	0.05
D24 407-417	.02	0.001	1.9	0.06
D24 417-427	1.31	0.038	.8	0.02
D24 427-437	3.40	0.099	1.6	0.05

D24 467-477	.22	0.006	1.1	0.03
D24 632-637	.18	0.005	1.7	0.05
D25 167-177	.08	0.002	1.3	0.04
D25 177-187	.26	0.008	12.4	0.36
D25 187-197	1.53	0.045	11.8	0.34

D25 207-212	.05	0.001	4.9	0.14
D25 247-252	1.69	0.049	3.6	0.11
D25 252-262	1.04	0.030	3.7	0.11
D25 262-267	5.75	0.168	10.4	0.30
D25 267-272	6.23	0.182	14.3	0.42

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TE: (604)980-5814 OR (604)988-4524

TELEX: 04-352828

CERTIFICATE OF ASSAY


COMPANY: WESTERN HORIZONS
 PROJECT:
 ATTENTION: STEVE GOWER

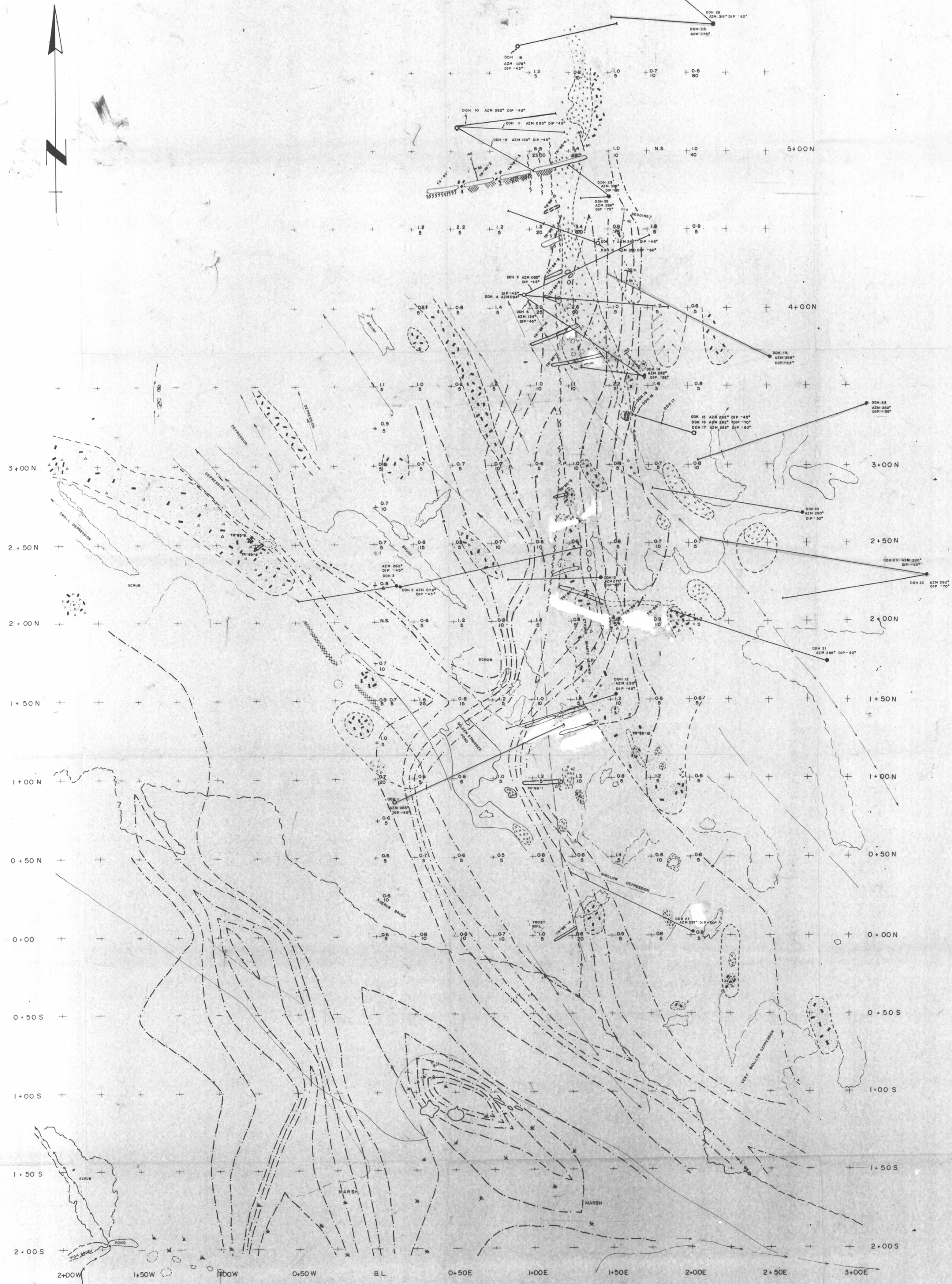
RECEIVED OCT - 3 1988

FILE: 8-1234R
 DATE: SEPT. 23/88
 TYPE: METALLIC GOLD ASSAY

We hereby certify that the following are assay results for samples submitted.

SAMPLE NAME	TOTAL		+120 M		ASSAY VAL		ASSAY VL		+120 M		-120 M		METALLIC GOLD		NET GOLD	
	WT (G)	WT (G)	MET	AU G/T	G/T	-120AUG/T	AU (MG)	AU (MG)	(OZ/T)	(GM/T)	(OZ/T)	(GM/T)	(OZ/T)	(GM/T)	(OZ/T)	(GM/T)
D1-397-407	3239.16	4.16	94.83	9.82	0.394	28.533	0.004	0.12	0.260	8.93						
D1-407-417	3229.25	4.25	435.92	1.03	1.853	3.322	0.017	0.57	0.047	1.60						
D23-252-257	924.14	4.14	54.49	0.50	0.226	0.460	0.007	0.24	0.022	0.74						
D24-417-427	3151.23	6.23	363.78	1.20	2.266	3.774	0.021	0.72	0.056	1.92						
D24-427-437	3209.63	9.63	115.59	1.71	1.113	5.472	0.010	0.35	0.060	2.05						
D25-247-252	1457.52	2.52	134.46	1.47	0.339	2.139	0.007	0.23	0.050	1.70						
D25-252-257	1747.47	2.47	273.93	1.86	0.677	3.246	0.011	0.39	0.065	2.24						
D25-257-262	1396.98	1.98	262.35	1.08	0.519	1.507	0.011	0.37	0.042	1.45						
D25-262-267	1638.90	3.90	577.63	5.60	2.253	9.156	0.040	1.37	0.263	6.96						

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[LOCATION OF DRILL SITES APPROXIMATE SURVEY REQUIRED]

18,334

GEOLOGICAL BRANCH
ASSESSMENT REPORT

WESTERN HORIZONS RESOURCES LTD
TOODOGGONE JOINT VENTURE
GOLDEN STRANGER PROPERTY GEOLOGY & GEOCHEMISTRY & DRILL LOCATIONS
Drawn by: K.E.N. E.M.T. S.C.G. DATE: DECEMBER, 1996, 1997, 1998 FIG. 4
GOWER, THOMPSON & ASSOCIATES LTD