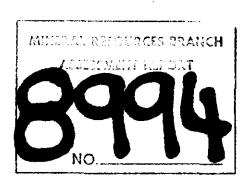
### REPORT ON

DIAMOND DRILLING

by G.R. Peatfield, P.Eng.



on the

RED 9 M.C.

(part of the RED-CHRIS Property)

Situated north of Kluea Lake in the Liard Mining Division

57°43'N, 129°45'W

NTS 104H/12W

owned by

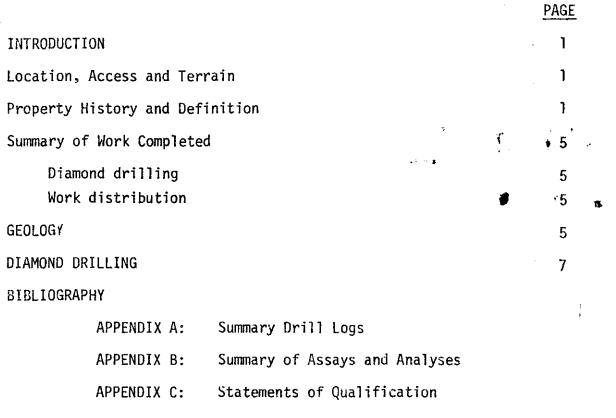
TEXASGULF CANADA LTD. SILVER STANDARD MINES LTD NORCEN ENERGY RESOURCES LTD. work by

TEXASGULF INC.

March 1981

Vancouver, B.C.

#### TABLE OF CONTENTS



### APPENDIX D: Statement of Expenditures

#### LIST OF FIGURES

Fig. No.	Title	Scale	Page
1	Location Map	c. 1:9,100,000	2
2	Detailed Location Map	1:250,000	3
3	Claim Grouping Sketch	1:50,000	4
4	Drill Hole Location Map	1:4,800	6

#### INTRODUCTION

Location, Access and Terrain

The RED-CHRIS property is located immediately north of Kluea Lake, in northwestern British Columbia (see Figure 1). The most convenient supply and transportation centre is Terrace, some 365 km to the south.

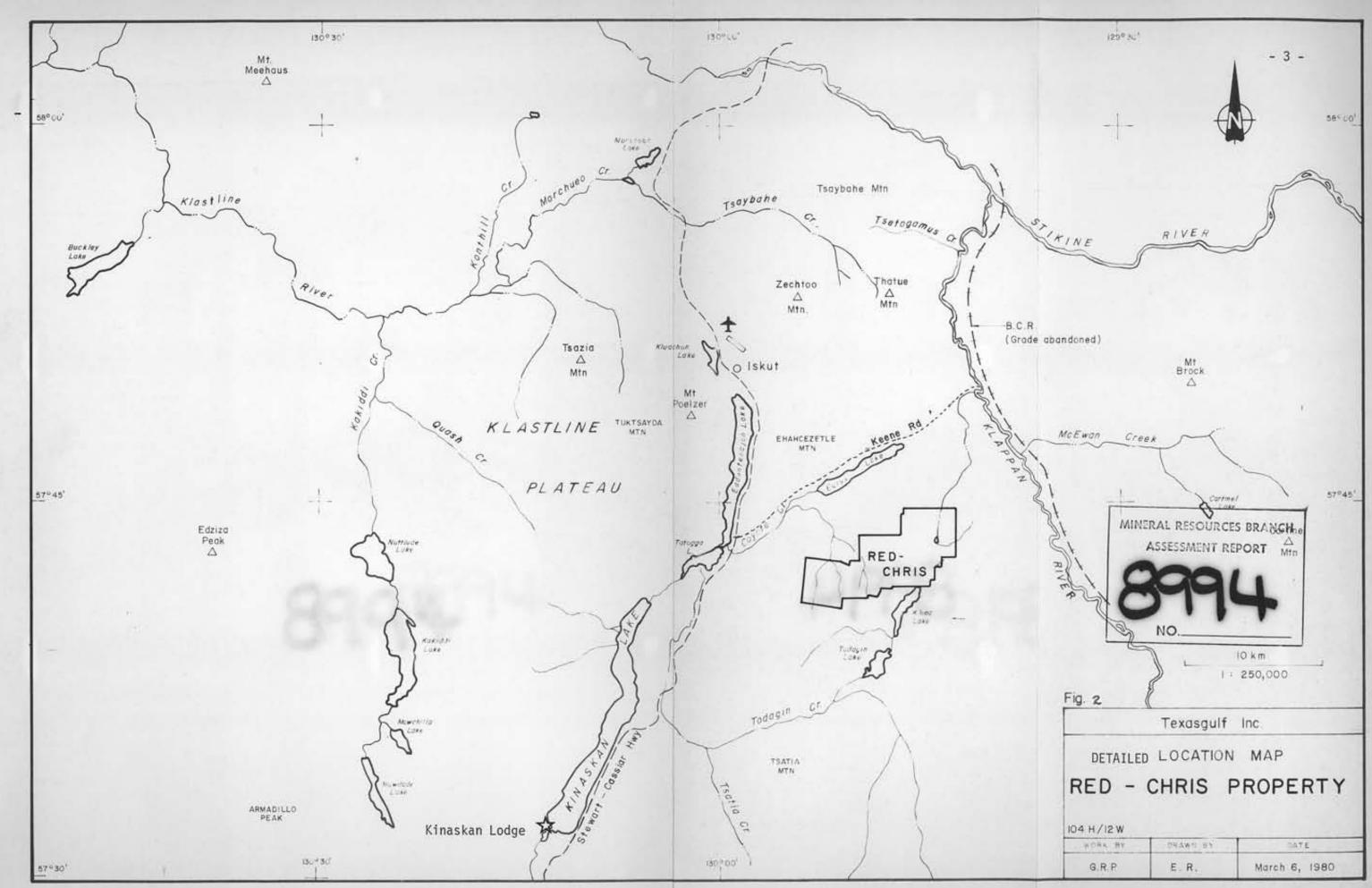
Access to the claims is presently by helicopter from the Stewart Cassiar highway. There is regular scheduled air service (in summer) from Terrace to Iskut (or Eddontenajon), about 20 km to the northwest of the claims. Food, lodging and rudimentary services are available at various points along the highway along Eddontenajon Lake. Float equipped fixed-wing aircraft can land on Eddontenajon Lake or Kinaskan Lake, where the base-camp for this programme was located (see Figure 2). There is a rough tote-road from a point near the western end of Ealue Lake to the claims; this road was not used during the present programme, owing to the lack of a tractor to move the drill, and because the job was of very limited scope.

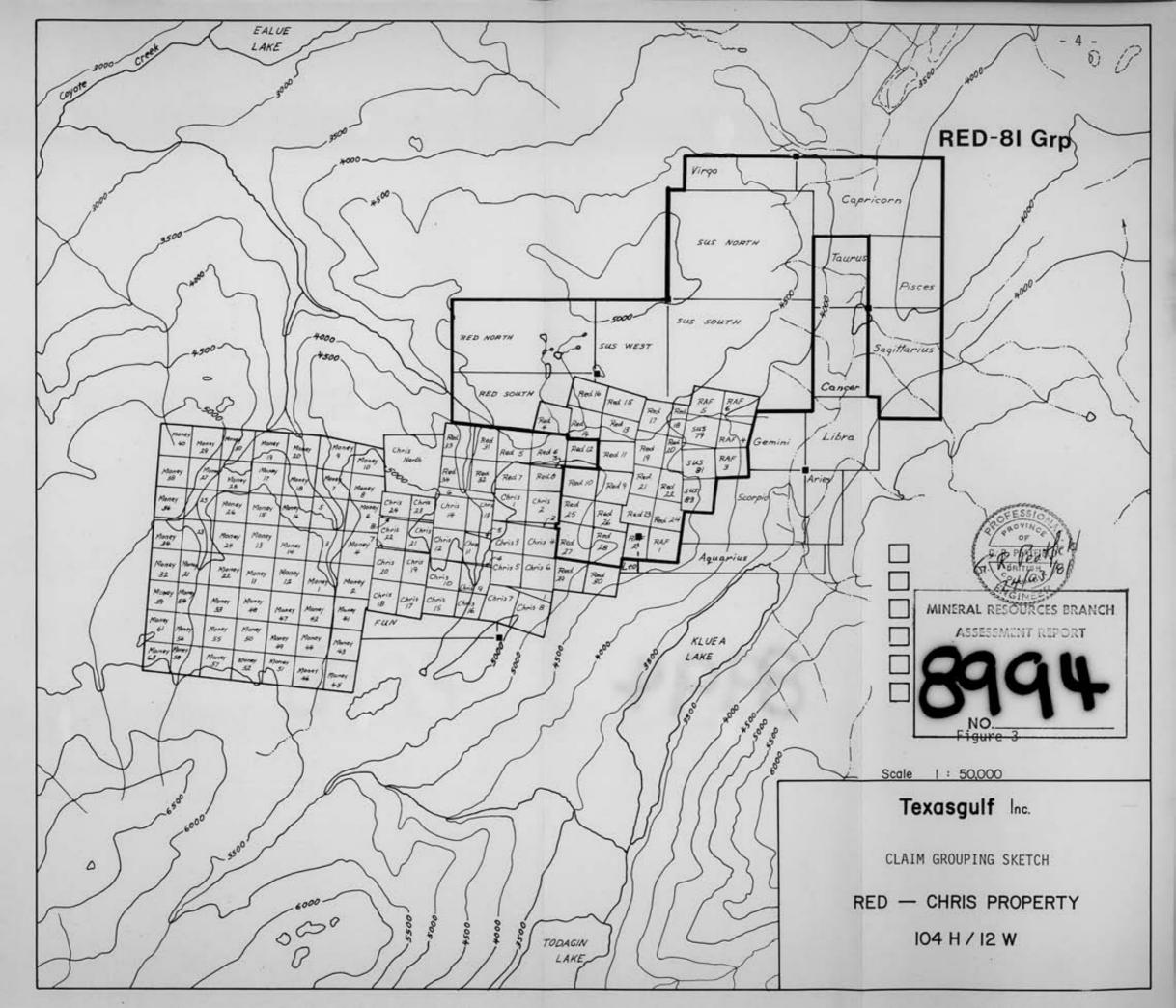
The claims are located on a plateau east of Todagin Mountain, sloping downward to valley level on the east. Maximum elevations are about 1700 m, and the property relief is about 700 m. The western half of the property is mostly at or above timber line, while the eastern portion lies below and is covered by scrub trees. Water is sufficiently abundant for drilling throughout the summer season.

#### Property History and Definition

The present RED-CHRIS property comprises 120 old claims, 8 old fractional claims, and 19 MGS claims aggregating 113 units (see Figure 3). The ground was originally held as two properties, the RED by Silver Standard Mines Ltd., and the CHRIS by Great Plains Development Co. of Canada Ltd.







(now Norcen Energy Resources Ltd.). The properties were pooled in 1974, under the terms of an option agreement between the two above Companies and Ecstall Mining Ltd. (now Texasgulf Canada Ltd.). The claims are registered in the names of:

Texasgulf Canada Ltd.	<b>6</b> 0%
Silver Standard Mines Ltd.	20%
Norcen Energy Resources Ltd.	20%

During the period 1973 to 1980, Texasgulf Inc., on behalf of the owners, completed a total of 75 diamond drill holes (13,119 m) and 44 percussion drill holes (3,178 m), as well as extensive geological, geochemical and geophysical surveys. This work has been described in various reports submitted for assessment work credit.

A modest reserve, quoted as 41 million tonnes grading 0.56% Cu and about 0.3 ppm Au, has been outlined in two zones. Development of the property appears unlikely in the foreseeable future.

Summary of Work Completed

Diamond drilling

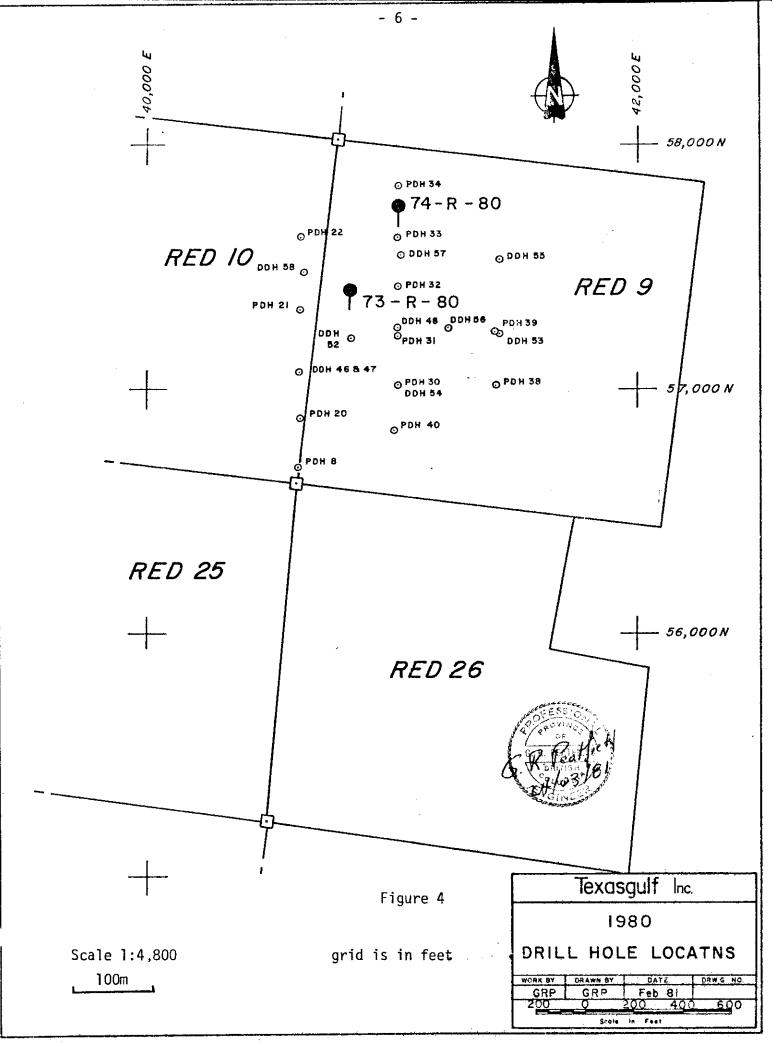
During the period Aug. 22 to Aug. 31, 1980, two BQ diamond drill holes, totalling 626.3 m, were completed on the property. Cores were analyzed geochemically for Cu or, in the better grade sections, assayed for Cu, Au and Ag.

Work distribution

The diamond drilling described in this report was restricted to the Red 9 mineral claim (see Figure 4).

#### GEOLOGY

The geology of the RED-CHRIS property has been described by Panteleyev (1975, 1977). Two zones of copper-gold stockwork mineralization



.

occur, within an elongate highly altered subvolcanic intrusive complex of monzonitic composition, enclosed by andesitic to basaltic volcanic and volcaniclastic rocks of Late Triassic age.

The present drilling was within the smaller but relatively highgrade "East Zone", which is a narrow, steeply dipping zone of intense quartz veining carrying strong chalcopyrite (and rarely bornite) mineralization, with some pyrite and hematite (probably derived from magnetite). DIAMOND DRILLING

This report concerns the results of a programme consisting of two diamond drill holes completed during 1980, as follows:

DDH 73-R-80	(180°/-45°)	264.7 m
DDH 74-R-80	(180°/-45°)	361.6 m

Summary drill logs for the holes are included as Appendix A., analyses and assays are tabulated in Appendix B. The core is stored on the property.

The holes were drilled as part of a continuing programme aimed at fully defining the size and shape of the "East Zone". The results were moderately encouraging, and show that, in some areas at least, bornite becomes more abundant with depth. The zone is open at depth, and preliminary analyses of drill data suggest that it may represent a plunging "shoot".

#### BIBLIOGRAPHY

- PANTELEYEV, A. 1975. WINDY, RED, CHRIS, SUS. <u>in</u> Geology, Exploration and Mining in British Columbia-1974. B.C. Department of Mines and Petroleum Resources. Victoria, B.C., 1975, pp. 340-343.
- PANTELEYEV, A. 1977. CHRIS, RED, SUS, WINDY. in Geology in British Columbia-1975. B.C. Ministry of Mines and Petroleum Resources. Victoria, B.C., 1977, pp. G85-G87.

### APPENDIX A

-

;

## Summary Drill Logs

PROPERTY: RED-CHRIS LOCATION(grid) "East Zone"					EXAS	SGUL	F IN	C.	HOLE NO. DDH73-R-3.0		
· · ·		ist Zone"									
	N(survey) 30 <sup>0</sup> ELEN	/- D(E	• - 45 <sup>0</sup>		DRILL	HULE	LUG				
بواسيهاي اغلد منق جير وينفطوا مود إغذوك اللغ	264.7m	CORE SIZ				DIP TES	Γ		SECTION: LOGGED BY: H.R. Schmitt		
	D: Aug.22	فللك متذعينا فأسدمتم مقاتلت مرجدهي مؤدميهم ويهويها أيه متراجع ويهمهم			DEPTH	AZIM	DIP		DATE LOGGED: Aug. 1980		
		26, 1980			264.7 m	184 <sup>0</sup>	-40 <sup>0</sup>		DRILLING CO. : Longyear Canada		
and the second se	The second s	good to exc	ellent	1					Diric Ling CO. Congyear Lanada		
······	PTH	REC'Y					DESCRIPT				
FROM	то								an a		
0	6.1m		Casing								
6.1	<u>52.3m</u>	excellent	[						sive. Rock is competent, grey-		
6.1	<u>52.3m</u>	excellent	green to	buf	f, mottled,	showing st	rong to inten	se q	uartz-sericite-pyrite alteration.		
6.1	<u>52.3m</u>	excellent	green to Mineraliz	<u>buf</u> zati	f, mottled, on is domina	showing st ntly pyrit	rom to inten e, with a fe	ise qi w shi	uartz-sericite-pyrite alteration. ort sections carrying some very		
6.1	52.3m	excellent	green to Mineraliz weakly di	buf zati isse	f, mottled, on is domina minated chal	showing st ntly pyrit copyrite.	romg to inten e, with a fe Below 28 m	se q w sho the j	uartz-sericite-pyrite alteration.		
6.1	52.3m	excellent	green to Mineraliz weakly di mostly ir	buf zati isse n fr	f, mottled, on is domina minated chal	showing st ntly pyrit copyrite. veinlets.	romg to inten e, with a fe Below 28 m Some pyriti	se que sho the c ve	uartz-sericite-pyrite alteration. ort sections carrying some very pyrite content increases markedly inlets have strong associated		
<u>52.3</u>		excellent excellent	green to Mineraliz weakly di mostly ir	buf zati isse n fr cati	f, mottled, on is domina minated chal actures and	showing st ntly pyrit copyrite. veinlets.	romg to inten e, with a fe Below 28 m Some pyriti	se que sho the c ve	uartz-sericite-pyrite alteration. ort sections carrying some very pyrite content increases markedly inlets have strong associated		
			green to Mineraliz weakly di mostly ir silicific Fault zor	buf zati isse n fr cati ne	f, mottled, on is domina minated chal actures and on, but true	showing st ntly pyrit copyrite. veinlets. quartz ve	rom to inten e, with a fe Below 28 m Some pyriti inlets are r	se q w sho the c ve are.	uartz-sericite-pyrite alteration. ort sections carrying some very pyrite content increases markedly inlets have strong associated		
52.3	53.Om	excellent	green to Mineraliz weakly di mostly in silicific Fault zon The rock	buf zati isse n fr cati ne con	f, mottled, on is domina minated chal actures and on, but true tinues as ab	showing st ntly pyrit copyrite. veinlets. quartz ve ove the fa	rom to inten e, with a fe Below 28 m Some pyriti inlets are r ult, but the	the the control of th	uartz-sericite-pyrite alteration. ort sections carrying some very pyrite content increases markedly inlets have strong associated		
52.3	53.Om	excellent	green to Mineraliz weakly di mostly in silicific Fault zon The rock of chalco	buf zati isse fr cati ne con	f, mottled, on is domina minated chal actures and on, but true tinues as ab ite (3 to 4	showing st ntly pyrit copyrite. veinlets. quartz ve ove the fa times) alt	romg to inten e, with a fe Below 28 m Some pyriti inlets are r ult, but the hough grades	se que sho the contract of the	uartz-sericite-pyrite alteration. ort sections carrying some very pyrite content increases markedly inlets have strong associated s a marked increase in the amount		
52.3	53.Om	excellent	green to Mineraliz weakly di mostly in silicific Fault zon The rock of chalco and serio	buf zati isse n fr cati ne con opyr cite	f, mottled, on is domina minated chal actures and on, but true tinues as ab ite (3 to 4	showing st ntly pyrit copyrite. veinlets. quartz ve ove the fa times) alt appear to	rom to inten e, with a fe Below 28 m Some pyriti inlets are r ult, but the hough grades increase wit	se qui the the control of the contro	uartz-sericite-pyrite alteration. ort sections carrying some very pyrite content increases markedly inlets have strong associated s a marked increase in the amount only about 0.1% Cu. Silicification pth. Chalcopyrite remains remark-		

TEX	ASGUL	F INC.	DRILL HOLE LOG	HOLE NO. 73-R-80	PAG
DE FROM	РТН то	REC'Y	DESCRIPTION		
100.0	101.Om	excellent	Fault zone		**************************************
101.0	119.7m	excellent	Rock is as above the fault, with perhaps somewhat more p pyrite-quartz veining. This section terminates on a sma		s of
119.7	146.Om	excellent	Sericitic feldspar porphyry with some hematite after mag	jnetite. Weak quartz	vein
			stockworks carry pyrite and chalcopyrite, with pyrite get there are traces of bornite. Hematite is characteristic are common at the bottom of this section.		Local Faults
146.0	214.0m	good to excellent	The rock is similar to that above, but the intensity of markedly, as does the chalcopyrite content. There are s	ومنهم والانتجاب والمركبين والمراجع المتكفية المنافقة المتحقق والمتكفية بالمراجع المكري متشاهم المناطر	
******			faulting and brecciation. Bornite is common in some arc is uncommon.		
214.0	219.Om	excellent	The rock is much the same as above, but the sulphide cor	ntent is much higher,	pre-
			dominantly pyrite in semi-massive streaks up to 2 or 3 o	cm thick.	
219.0	226.Om	excellent	As above, but with much less chalcopyrite.	· · · · · · · · · · · · · · · · · · ·	
•••••••	-				

TEX	ASGUL	F INC.	DRILL HOLE LOG HOLE NO. PAGE NO. 73-R-80 3
	PTH	REC'Y	DESCRIPTION
FROM	то		
226.0	228.Om	excellent	Fault zone
228.0	246.Om	excellent	Intensely altered feldspar porphyry, sericitic and with moderately to intensely
			developed quartz veining but generally less sulphides than previously. Hematite
			is still common. Faulting becomes more common with depth, and quartz veining
		-	diminishes.
246.0	253.Om	excellent	Major fault zone.
253.0	264.7m	excellent	Strongly altered feldspar porphyry with local zones of faulting and strong pyrite.
			Chalcopyrite content is uniformly low. Quartz veining is rare.
			E.O.H. @ 264.7m
			PROVACIAN CONTRACTOR
			2 × 20/3/8/
			NEER and
		-	
······································			
	1		

.

•

PROPERTY: RED-CHRIS LOCATION (grid)"East Zone" LOCATION (survey) AZIM: 180 <sup>0</sup> ELEV: DIP: -45 <sup>0</sup>					EXAS	SGUL	F IN	C.	HOLE NO. DDH 74-R-8		
					DRILL	HOLE	LOG		CLAIM: RED 9		
DEPTH: 3	61.6m			]		DIP TES	Т		LOGGED BY: H.R. Schmitt, R.E.Mey		
STARTED	August	28, 1980			DEPTH	AZIM	DIP	]	DATE LOGGED:August-September 19		
COMPLET	ED: Augus	st 31, 1980	والمراجعة والمراجع و		Not S	urveyed			DRILLING CO.: Longyear Canada		
CORE REC	COVERY: 9	good to excel	lent			·					
DEPTH REC'Y				DESCRIPTION							
FROM	TO								•		
0	4.6m		Casing			مستخلف ها مناسبا ها بسیمی اور <sub>و</sub> بر روان این اور میشود و به میرد . روان میشود و به میرد .					
4.6	54.Om	good to	Fine felo	dspa	r or hornble	ende-feldsp	ar porphyry	- mo	nzonite intrusive. Rock is compete		
		excellent				مقاصدان مع المانيان الوا <sup>ر</sup> المانية العربي في مي الإيار			e quartz-sericite-pyrite alteration		
	······································	excertenc							e chalcopyrite. There are a few		
					بوجه مبجر والمالة فالقائل مكر متعليك فتتنت ا				Very minor faults and breccia		
					attered thro						
54.0	100.Om	excellent	Rock is e	esse	ntially as a	bove, but	with more al	ounda	nt pyrite and traces of chalcopyrit		
			especial	ly i	n veinlets w	<u>ith or wit</u>	<u>hout quartz</u>	He	matite becomes notable in this		
		· ·	section.	Th	ere seems to	be a tend	ency toward	incr	eased silicification with depth.		
100.0	150.Om	excellent	Es <sup>s</sup> ential	ly a	s above, wit	h less sul	phides and	a low	er copper content. There is very		
· 			weak quar	rtz	veining and	local stoc	kwork throu	ghout	. The vein intensity rises with		
			depth, bu	ut c	opper conten	t remains	low.				

TEXASGULF INC.			DRILL HOLE LOG	HOLE NO. 74-R-80	PAGE
DE	РТН				***** <b>*****</b> *******
FROM	то	REC'Y	DESCRIPTION		
150.0	285.8m	excellent	Again, there is little change in rock type, but the vein	intensity and sulph	ide cont
			rise, and copper content increases slightly. Silicificat	ion and sericite all	eratio
			have become strong to intense. Although the density of q		
			of alteration, and copper content vary somewhat throughou	it this section, the	re is
****			no essential difference in the rock type.		
285.8	289.6m	excellent	Breccia, with sericitically altered fragments in a quartz	-carbonate matrix.	
289.6	299.Om	excellent	Strongly altered and fractured porphyry with some quartz	veining and moderat	e sulph
			content, much as above the breccia zone.		**************************************
299.0	325.Om	excellent	This section is a similar rock but with intense quartz ve	in stockworking and	much
			increased chalcopyrite content, with some bornite locally		
****			similar to the mineralized section (146-214m) in DDH-73-R		
325.0	346.On	excellent	Altered and weakly mineralized feldspar porphyry essentia	11y the same as the	sectio
			above the strong mineralization, with perhaps slightly mo	re copper.	
346.0	361.6m	excellent	Major fault zone		
				<b></b>	
<b></b>	-		E.O.H. @ 361.6m		
			per & Protectiett.		
			SHG.3VB		

# APPENDIX B

-

i t

# Summary of Assays & Analyses

Summary of assays and analyses

Note:

Core samples were analyzed by Bondar-Clegg & Co. Ltd. in North Vancouver. Geochemical analyses for Cu involved hot Lefort aqua regia extraction followed by atomic absorption analysis. Assays were by standard techniques, including fire assay for precious metals.

Ţ

bt	ROPERTY:	<u> </u>	RIS	. Ho	OLE No.	: <u>73-R-8</u>	<u>30</u> PA	GE	of <u>3</u>	
LATITUDE:		Az	IMUTH: _	1 <u>80°</u>	IN(	CLINATION	:	/	at	•
LONGITUDE										
ELEVATION	<del></del>				IN	CLINATION	;	/	at	
SAMPLE	METRE	S		Cu		I .	Au		Aq	Cu
[ ]	FROM	TO	07 70	AVG	AVG	oz/ton	AVG	AVG	oz/ton	ppm.
16751	6.1	9.0								38
2	9.0	12.0								62
3	12.0	15.0								59
4	15.0	18.0								244
5	18.0	21.0								295
6	21.0	24.0								188
7	24.0	27.0								260
8	27.0	30.0				·				227
9	30.0	33.0		· ·						378
16760	33.0	36.0				<u>.</u>				690
1	36.0	39.0								273
2	39.0	42.0								164
3	42.0	45.0							]	216
4	45.0	48.0							1	207
5	48.0	51.0								166
6	51.0	54.0								693
7	54.0	57.0	-							1160
8	57.0	60.0								1140
9	60.0	63.0								1200
16770	63.0	66.0								1260
1	66.0	69.0								1040
2	69.0	72.0								967
3	72.0	75.0								74]
4	75.0	78.0								830
5	78.0	81.0		-						1430
6	81.0	84.0		-						1000
7	84.0	87.0		-						1500
8	87.0	90.0		4					<u> </u>	<u>1560</u>
9	90.0	93.0		4						1620
16780	93.0	96.0								1400
1	96.0	99.0								1560
2	99.0	102.0		4						1260
3	102.0	105.0		4						1540
4	105.0	108.0		-						593
16785	108.0	111.0	<u> </u>	<u> </u>	<u> </u>	[]	<u>L</u>	<u> </u>	<u>  </u>	3000

•

\_\_\_\_\_

PROPERTY: <u>RED-</u>	CHRISH	OLE No.: <u>73-R-80</u>	PAGE _2 of _3
LATITUDE:	AZIMUTH: <u>180°</u>	INCLINATION:	/ at
LONGITUDE:	DIP: <u>-45°</u>	INCLINATION:	/ at
ELEVATION:		INCLINATION:	

SAMPLE	METR	ES		Cu			Au		Aq	Cu
No.	FROM	TO	d'a	AVG	AVG	oz/ton	AV.G	AVG	oz/ton	ppm.
16786	111.0	114.0								980
7	114.0	. 117.0								1220
8	117.0	120.0								455
9	120.0	123.0	0.28		· · .	0.005			0.02	
16790	123.0	126.0	0.34			0.005			0.02	
1	126.0	129.0	0.30			0_005			0.02	
2	129.0	132.0	0.41	ļ		0.008			0.02	
3	132.0	135.0	0.21			0.004			0.02	
4	135.0	138.0	0.34			0.007			0.02	
5	138.0	141.0	0.47			0.009			0.03	
6	141.0	144.0	0.49			0.007			0.02	
7	144.0	147.0	0.48			0.008			0.05	·
8	147.0	150.0	0.81			0.015	·		0.08	
9	150.0	153.0	1.20			0.023			0,14	
16800	153.0	156.0	0.94			0.016			0.08	 
16151	156.0	159.0	1.21			0.022			0.10	
2	159.0	162.0	1.38			0.027			0.12	
3	162.0	165.0	1.67			0.029			0.16	<u> </u>
4	165.0	168.0	1.22			0.026			0.23	
5	168.0	171.0	1.80			0.040			0.22	
6	171.0	174.0	1.52			0.029			0.15	
7	174.0	177.0	1.20			0.025			0.]]	
8	177.0	180.0	1.21			0.029			0.08	<del> </del>
9	180.0	183.0	1.07			0.024			0.09	
16160	183.0	186.0	0.71			0.015			0.03	
1	186.0	189.0	1.28			0.025			0.10	
2	189.0	192.0	1.44			0.029			0.11	<u> </u>
3	192.0	195.0	1.14			0.025			_0.08	
4	195.0	198.0	1.16			0.026			0.12	
5	198.0	201.0	1.08			0.025			0.08	
6	201.0	204.0	1.24			0.033			0.10	
7	204.0	207.0	0.93			0.021				·
8	207.0	.210.0	0.91			<u> </u>		· •	0.09	
9	210.0	213.0	0,96			0.024			0.13	
16170	213.0	216.0	1.50			0.043			0.27	

PROPERTY: <u>RE</u>	D-CHRIS HOLE	No.: <u>73-R-80</u>	PAGE _3 of _3
LATITUDE:	AZIMUTH: <u>180°</u>	INCLINATION:	/ at
LONGITUDE:	DIP:45°	INCLINATION:	/ at
ELEVATION:		INCLIMATION:	at

.

SAMPLE	METRI	ES	Си				Au	Aq	Cu	
No.	FROM	TO	67 73	AVG	AVG	oz/ton	AVG	AVG	oz/ton	ppni.
16171	216.0	219.0	1.14			0.021			0.30	
2	219.0	222.0	0.61			0.014			0.14	
3	222.0	225.0	0.40			0.011			0.10	
4	225.0	228,0	0.44			0.012			0.16	
5	228.0	231.0	0.24			0.009			0.03	
6	231.0	234.0	0.30			0.010			0.02	
7	234.0	237.0	0.22			0.010			0.02	
8	237.0	240.0	0.25			0.008			0.03	
9	240.0	243.0	0.39			0.011			0.03	
16180	243.0	246.0	0.26			0.007			0.08	
1	246.0	249.0	0.21			0.005			0.02	
2	249.0	252.0	0.24			0.006			0.02	
3	252.0	255.0	0.24			0.005			0.02	
4	255.0	258.0	0.22			0.006			0.03	
5	258.0	261.0	0.22			0.005			0.02	·
16186	261.0	264.7	0.26			0.006			0.02	
										·
				]						
				5. S. S.						
<u>ь</u>	<u></u>		<u> </u>			· ·				

į-

P	ROPERTY:	RED-C	HRIS	H	)LE No.	: <u>74-R-8</u>	8 <u>0</u> PA	GE <u>1</u>	of <u>4</u>	
LATITUDE:	<u></u>	Az	IMUTH:	<u>180°</u> _	IN(	CLINATION	:	/	at	-
LONGITUDE	•	DI	P:	<u>- 45°</u>		CLINATION	•	/	at	
ELEVATION						CLINATION				
SAMPLE	METRE	S		Cu			Au		Aq	Cu
1	FROM	TO	oy /s	AVG	AVG	oz/ton	AVG	AVG	oz/ton	ppm.
16187	0	5.0							·	106
8	5.0	8.0								125
9	8.0	11.0								136
16190	11.0	14.0								429
1	14.0	17.0								223
2	17.0	20.0	-							331
3	20.0	23.0					-			238
4	23.0	26.0								386
5	26.0	29.0								287
6	29.0	32.0								86
7.	32.0	35.0								183
. 8	35.0	38.0								395
9	38.0	41.0								413
16200	41.0	.44.0							,	411
1	44.0	47.0								417
2	47.0	50.0								426
3	50.0	53.0								543
4	53.0	56.0								997
5	56.0	59.0				<u> </u>				1910
6	59.0	62.0							ļ	1200
7	62.0	65.0								1420
8	65.0	68.0	L							1440
9	68.0	71.0		4						1400
16210	71.0	74.0								1470
1	74.0	77.0		-						835
2	77.0	80.0		-						731
3	80.0	83.0							<b> </b>	830
4	83.0	86.0		-			1		<b> </b>	1100
5	86.0	89.0		_		·····	4		<b> </b>	923
6	89.0	92.0		4						899
7	92.0	95.0	-						<b> </b>	1000
88	95.0	98.0	ļ	4					<b> </b>	922
9	98.0	101.0		-		l]	ł			726
16220	101.0	104.0		4.			Į		<b> </b>	446
21	104.0	107.0	<u>  </u>		<u> </u>	<u>  </u>	<u> </u>	1	Ш	610

p	ROPERTY:	RED-C	HRIS	Fi	OLE No.	: <u>74-R-8</u>	<u>o_</u> PA	GE <u>2</u>	of_4	
LATITUDE:		Δ7	тылы	180°	TN	CLÉNATION		1	at	
LONGITUDE										
ELEVATION			· · ·		-	CLINATION				
SAMPLE	METR			Cu		1			TI	<b>-</b>
1	FROM	T0	0/ /2	AVG	AVG	oz/ton	Au AVG	AVG	Aq oz/ton	Cu ppm.
16222	107.0									546
3	110.0									476
4	113.0									591
5	116.0	119.0								354
6	119.0	122.0								602
7	122.0	125.0								830
8	125.0	128.0								786
9	128.0	131.0								406
16230	131.0	134.0								668
1	134.0	137.0								759
2.	137.0	140.0								786
3	140.0	143.0								694
4	143.0	146.0		<u>.</u>						686
5	146.0	149.0							; ,	1000
6	149.0	152.0								719
7	152.0	155.0								840
8	155.0	158.0								929
9	158.0	161.0								1050
16240	161.0	164.0								958
1	164.0	167.0								1100
2	167.0	170.0								1960
3	170.0	173.0							· ·	980
44	173.0	176.0								1220
5	176.0	179.0					·			848
6	179.0	182.0								862
7	182.0	185.0				·				884
8	185.0	188.0								732
9	188.0	191.0								500
16250	191.0	194.0								457
1	194.0	197.0								742
2	197.0	200.0	 							772
3	200.0	203.0				<u> </u>		,	i	974
4	203.0	206.0				<u> </u> ]				723
5	206.0	209.0				<b> </b>				820
16256	209.0	212.0		<u> </u>				L		751

PROPERTY: <u>RED-CHRIS</u> HOLE No.: <u>74-R-80</u> PAGE <u>3</u> of <u>4</u>										
LATITUDE:		AZ	IMUTH: _	<u>180°</u>	<u> </u>	CLINATION	:	/	at	-
LONGITUDE	•	DI	P:	-45°		CLINATION	•	/	at	•
ELEVATION	•	and a second			ING	CLINATION	·	/	at	•
SAMPLE	METR	ES		Cu			Au		Aa	Cu
	FROM	TO	ري م	AVG	AVG	oz/ton		ÁVG	oz/ton	
16257	212.0	215.0						•		640
8	215.0	218.0								769
9	218.0	221.0		,						.823
16260	221.0	224.0								1100
]	224.0	227.0								1420
2	227.0	230.0							[ 	806
3	230.0	233.0						-		970
4	233.0	236.0								1280
5	236.0	239.0						·		1260
6	239.0	242.0								916
7	242.0	245.0								1240
8	245.0	248.0		-					Į	652
9	248.0	251.0								615
16270	251.0	254.0								1020
1	254.0	257.0								2400
2	257.0	260.0								1100
3	260.0	263.0	<u></u>							2800
4	263.0	266.0								2000
5	266.0	269.0								1760
6	269.0	272.0								2600
7	272.0	275.0								2700
8	275.0	278.0								4400
9	278.0	281.0								3400
16280	281.0	284.0								2600
1	284.0	287.0								2600
2	287.0	290.0								2100
3	290.0	293.0								1080
4	293.0	296.0							 	475
5	296.0	299.0	0.24	ļ		0.004			0.02	
6	299.0	302.0	0.44			0.007			0.06	
7	302.0	305.0	0,95	1		0.030			80.0	
8	305.0	308.0	1.18	4		0.040			0.10	
9	308.0	311.0	1.00	4		_0.026_		. /	0_09_	
16290	311.0	314.0	1.12	4		0.031			0.11	
91	314.0	317.0	0.71	l	<u> </u>	0.020		<u> </u>	0.11	

	PROPERTY:	REDCH	RIS_	Н	OLE No.	: <u>74-R-8</u>	<u>80</u> PA	GE <u>4</u>	of_4	
LATITUDI	:	Az	IMUTH: _	<u>180°</u>	IN	CLINATION	:	/	at	
	DE:									
	)N :			•		CLINATION				•
SAMPLE	METR	ES		Cu			Au		Aq	Cu
No.	FROM	TO	e/ .c	AVG	AVG	oz/ton	AVG	AVG	oz/ton	
16292	317.0	320.0	0.74			0.019			0.24	
3	320.0	323.0	0.85	· ·		0.018	:		0.15	
4	323.0	326.0	0.75			0.027			0.24	
5	326.0	329.0	0.55			0.014			0.04	
6	329.0	332.0	0.34			0.009			0.02	
7	332.0	335.0	0.35			0.009			0.04	
8	335.0	338.0	0.39			0.010			0.04	
9	338.0	341.0	0.34			0.011			0.05	
16300	341.0	344.0	0.35			0.009			0.04	
1	344.0	347.0	0.34			0.010			0.03	
2	347.0	350.0	0.43			0.012			0.07	
3	350.0	353.0	0.23			0.006			0.02	
4	353.0	356.0	0.31			0.011			0.02	
5	356.0	359.0	0.34			0.008			0.02	
16306	359.0	361.6	0.39			0.009			0.02	
						· · ·				
							·			
							· .			
							-			
			·					,		
B	······	•					المعيدين والمستحد المستحد			

-----

------

## APPENDIX C

# Statements of Qualification

;

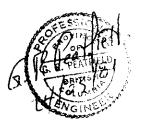
#### STATEMENTS OF QUALIFICATION

R.E. Meyers - Geologist

R.E. Meyers holds an M.Sc. degree in Geology from McGill University, granted in 1979. He has been employed by Texasgulf since December 1979, based in Vancouver.

H.R. Schmitt - Geologist

H.R. Schmitt obtained his B.Sc. degree in Geology from the University of British Columbia in 1977. He has been employed in a variety of positions by Texasgulf, for summer seasons from 1975, and was continuously employed by the Company from April 1978 to Sept. 1979. He is presently enrolled in post-graduate studies at U.B.C.



# APPENDIX D

# Statement of Expenditure

;

### STATEMENT OF EXPENDITURES

### RED-CHRIS PROPERTY

(Diamond Drilling)

SALARIES AND FRINGE BENEFITS, TEXASGULF INC.		
R.E. Meyers - Geologist Period Sept. 3-7, 3 days @ \$120	360.00	
	300.00	
H.R. Schmitt - Geologist Period Aug. 21-Sept. 3, 13 days @ \$90	1,170.00	
R. Freeman - Assistant		
Period Sept. 6-10, 5 days @ \$35	175.00	
	1,705.00	1,705.00
ROOM AND BOARD		
Tg personnel 21 man-days @ \$40 Longyear     40 man-days @ \$40	840.00 1,600.00	
<pre>(includes cook's wages, mobilization, shipping, expediting, etc.)</pre>	2,440.00	2,440.00
HELICOPTER SUPPORT		
Texasgulf Bell 206B 28.7 hours @ \$330	9,471.00	
Frontier Helicopters Bell 205 (pro-rated	3,137.60	
share of invoice) Northern Mountain Helicopters Bell 206B (pro-rated share of invoices)	3,056.00	1 •
	15,664.60	15,664.60
DIAMOND DRILLING	,	
Longyear Canada, invoiced charges for drilling, survey,core boxes, supplies, moving time, etc.		36,798.19
ANALYTICAL COSTS		
70 Au + Ag assays @ \$9.50	665.00	
70 Cu assays @ \$5.50	385.00	
136 Cu analyses @ \$1.65 136 sample prep's @ \$2.00	224.40 272.00	
		1 546 40
REPORT PREPARATION	1,546.40	1,546.40
G.R. Peatfield, P.Eng. 3 days @ \$180 Secretarial, draughting, etc.	540.00 200.00	
······································	740.00	740.00
	740.00	
	1000000	\$ <u>58,894.19</u>

