REPORT ON

EXAMINATION OF DRILL CORE

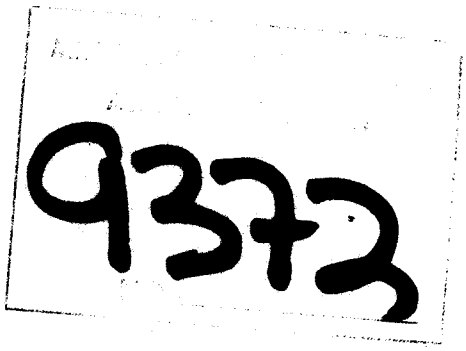
by

I.G. Sutherland, B.Sc.

from the

JD M.C.

(in the JD-81 Group)



situated near Moosehorn Creek
in the Omineca Mining Division

57°26'W, 127°09'W
NTS 94E/6E

owned by: TEXASGULF CANADA Ltd.

work by : TEXASGULF INC.

September 1981

Vancouver, B.C.

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INTRODUCTION

Location, Access, Terrain and History

This report summarizes descriptive logs and geochemical analyses done in 1981 on core samples from an existing diamond drill hole on the "JD" claim. The property is part of the "JD-81" claim group which consists of 7 MGS claims and 3 fractional claims all of which are situated in the Omineca Mining Division. This claim group is just one component of a much larger property.

The JD property is located east of the Stikine River and north of the Toodoggone River in north-central British Columbia (Figure 1). The nearest supply and transportation centres are Smithers, 300 km due south and Watson Lake in the Yukon, 300 km north.

Access to the property is by a combination of fixed wing aircraft from Smithers or Watson Lake to the Sturdee Valley airstrip 30 km southeast of the property, or to Metsantan Lake 15 km west, and helicopter thereafter (Figure 2).

The claims are situated at the eastern boundary of the Spatsizi Plateau, covering moderate to steep ridges between deeply eroded valleys, and flanked by the broad valleys of Moosehorn and McClair Creeks and the Toodoggone River.

Vegetation below 1500 metres consists primarily of a dense growth of spruce and fir trees, with the exception of open, poorly drained river valleys where scrub brush and mosses abound. Alpine areas above 1500 m are sparsely vegetated with moss, grasses and alpine flowers.

The present property area was originally staked in 1971 to cover showings discovered by Sullivan and Rodgers, consultants who were undertaking a reconnaissance programme for Sumac Mines Ltd. Geochemical surveys and trenching in the area of the showings outlined two anomalous

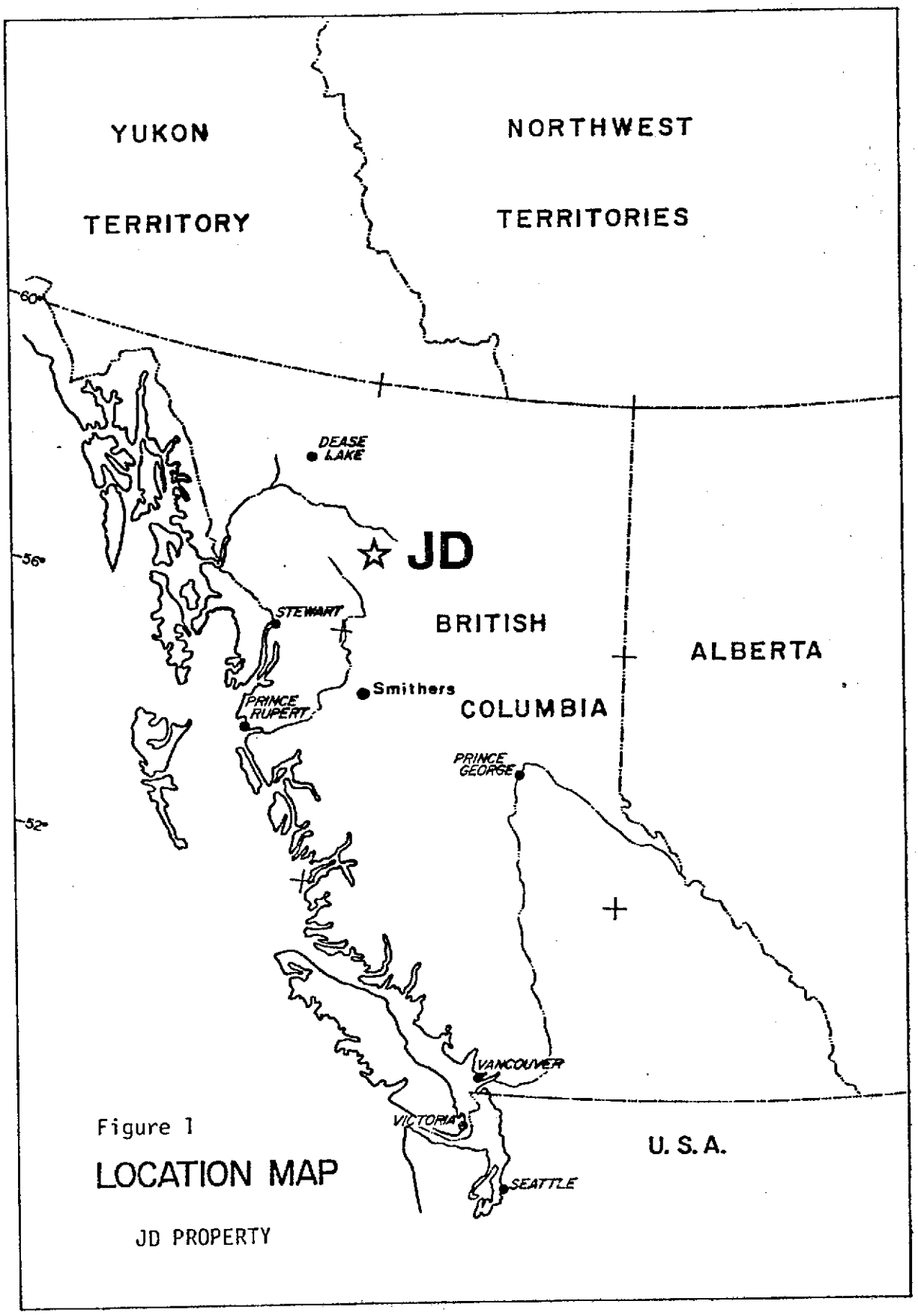
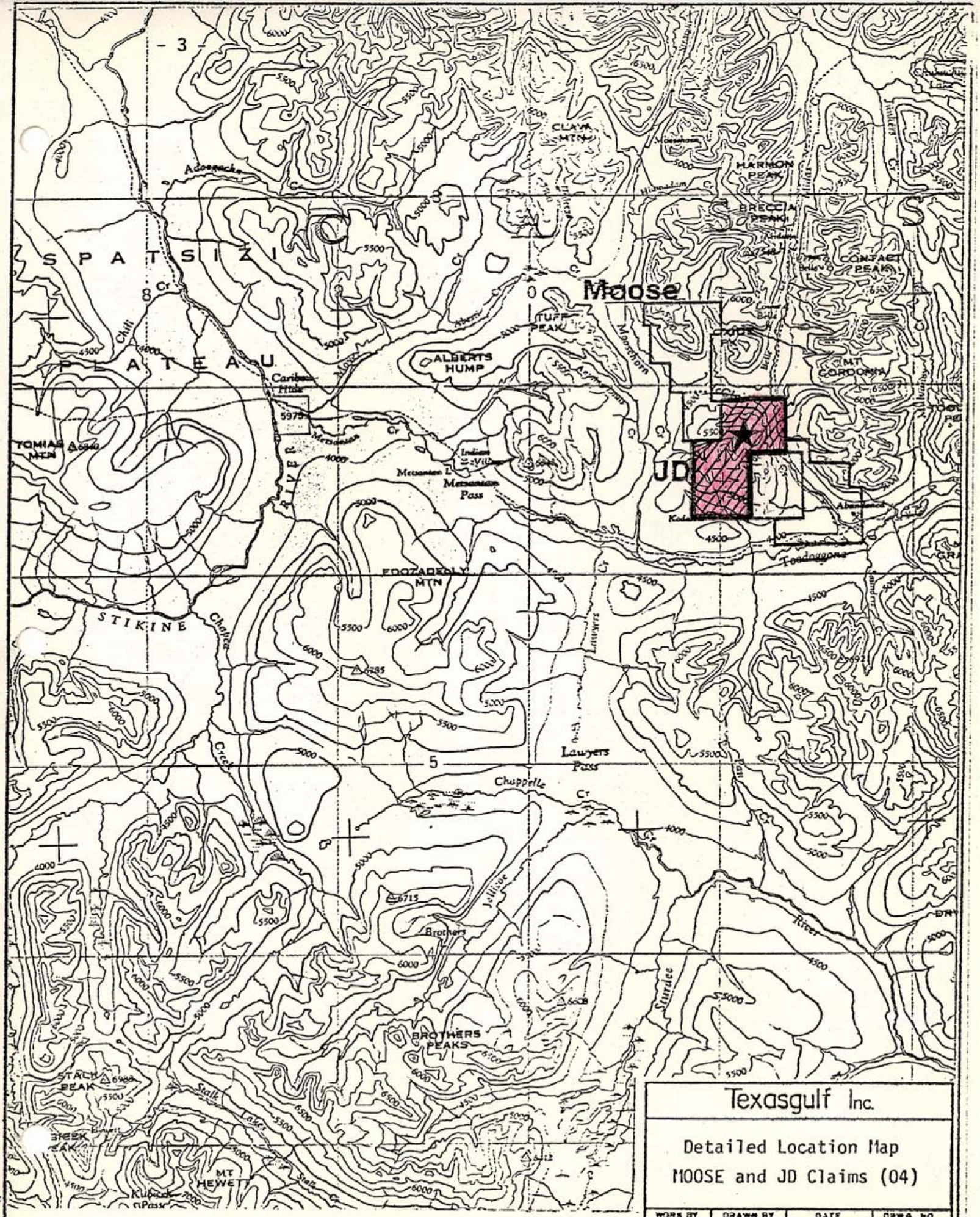


Figure 1

LOCATION MAP

JD PROPERTY



Texasgulf Inc.

Detailed Location Map

MOOSE and JD Claims (04)

WORK BY	DRAWN BY	DATE	DRW.G NO.

2500 0 2500 5000 7500 10,000

Scale in Metres

Map Sheet 94E "Toodoggone River" Figure 2

zones separated by a steep-sided valley. The detailed anomalies in Zn, Ag and Au were tested by one BQ diamond drill hole drilled in 1974 to a depth of about 125 metres, the focus of this report. Additional work was effectively pre-empted by the diversion of Sumas's exploration funds to the newly-found Kutcho Creek massive sulphide deposit. The claims were allowed to lapse in 1977, but were restaked the following year by Petra Gem and Energex interests, who completed limited additional geochemistry and trenching which served to enlarge the area of interest. Work described in this report was carried out by Texasgulf Inc. on behalf of its wholly owned subsidiary Texasgulf Canada Ltd., the current registered owner of the claims.

Summary of Work Completed

During the period June 3 to 5, 1981, the core from one diamond drill hole previously drilled on the JD M.C. was logged and sampled. Samples were analyzed geochemically for Cu, Pb, Zn, Ag and Au.

GEOLOGY

The property is underlain by a thick succession of primarily andesitic crystal and crystal-lapilli tuffs, tuff-breccias, flows and associated hypabyssal phases. These rocks belong to the 'Toodoggone Volcanics' of Jurassic age. A more complete description of the geology can be found in a previously submitted assessment report (Peatfield, 1981). A geology map of the relevant portion of the property showing the approximate drill hole location, is included with this report (Figure 3).

DIAMOND DRILL CORE EXAMINATION

The diamond drill hole described here and known as MM-7 was located and drilled on the basis of an early, detailed soil geochemical study done by Sumac Mines Ltd. which indicated anomalous zinc, silver and gold values in the vicinity of the hole. No records exist indicating the azimuth and dip of the hole but field evidence suggests that it was drilled at approximately

300° with a dip of 60°. The location of the hole was also inferred from field evidence and discussion with T.C. Scott, who was Sumac's project geologist for the drilling.

The BQ core was stored at its present location on the adjacent Moose claims and was logged, split and sampled in June of 1981. An attempt was made to follow a standard 1.0 metre sample interval except where changes in lithology and in alteration/mineralization made this impractical. A summary log for this hole is included as Appendix A, and geochemical results are tabulated in Appendix B.

The results shown in Appendices A & B suggest an erratic but generally sparse occurrence of precious metals in these rocks. Some correlation seems to exist between anomalous base metal values and anomalous values for gold and/or silver but it is not entirely consistent. This suggests that the precious metals mineralization, like that of the base metals, is related to the various secondary alteration veins/veinlets that cut these rocks, especially where silicification is dominant. A similar vague though even more inconsistent correlation appears possible for relative gold and silver values.

Overall, however, results are somewhat discouraging and it appears unlikely that the source of the original geochemical anomaly upon which the hole location was based has been intersected in this hole. Further detailed surface work is recommended before additional drilling is considered.

I.G. Sutherland

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APPENDIX A

Summary Drill Hole Log

TEXASGULF INC.
DRILL HOLE LOG

PROPERTY:	ENERGEX-MOOSE (JD 04)
LOCATION (grid)	
LOCATION (survey)	
AZIM:	ELEV: DIP:
DEPTH:	125.0 m CORE SIZE: BQ
STARTED:	
COMPLETED:	1974
CORE RECOVERY:	

HOLE NO. MM-7

CLAIM:	JD
SECTION:	
LOGGED BY:	J.D. Clark
DATE LOGGED:	3 June, 1981
DRILLING CO.:	

DIP TEST

DEPTH	AZIM	DIP

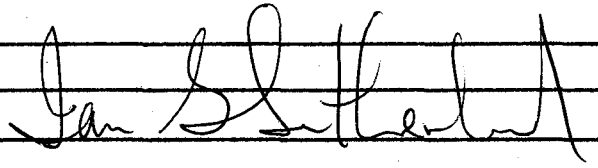
DEPTH (m) FROM	DEPTH (m) TO	REC'Y	DESCRIPTION
0	2.7		Overburden.
2.7	13.3		Andesite crystal tuff. Sausseritized plagioclase crystal fragments and rare lapilli in grey-green to purplish grey, very fine-grained matrix. Local development of shearing and fracturing. Cut by several stages of randomly oriented veinlets (less than 5 mm) of carbonate, carbonate-epidote, quartz-carbonate, and gypsum. Trace to 4% disseminated euhedral pyrite related primarily to zones of silicification. Lower contact gradational.
13.3	27.9		Basaltic andesite flow (?hypabyssal intrusive). Hornblende-feldspar (plagioclase) porphyry (10-35% phenocrysts) in medium to dark greenish grey, fine-grained groundmass with occasional intermediate to mafic volcanic fragments. Cut by irregular carbonate veinlets with rare gypsum and amythestine quartz; trace to 4% disseminated pyrite and trace chalcopyrite. Epidote veinlets appear near lower contact. Contact is marked by 0.2 m of brecciation and is irregular.
27.9	32.7		Andesite to dacite flow (may be tuffaceous, at least in part). Hornblende-feldspar porphyry as above in light to dark greenish to brownish grey groundmass. Cut by randomly oriented carbonate, carbonate-epidote, and epidote veinlets. Generally with 1% disseminated pyrite. One section (27.9-28.7m) with 5-10% pyrite, 0.5-4%

TEXASGULF INC.			DRILL HOLE LOG	HOLE NO. MM-7	PAGE NO. 2
DEPTH (m)		REC'Y	DESCRIPTION		
FROM	TO				
27.9	32.7	(cont'd)	sphalerite, 0.5-1% chalcopyrite, and trace galena. Lower contact with slight chill margin at 90° to core axis.		
32.7	38.6		Andesite breccia. Angular to subangular fragments (1 to 10 cm across) of andesitic to dacitic feldspar crystal tuff in matrix of medium grey-green feldspar crystal tuff cut by randomly oriented quartz-carbonate, carbonate, epidote, gypsum and gypsum-epidote veinlets. Siliceous veinlets with up to 7% sulphides (pyrite-sphalerite-trace chalcopyrite and galena). Fragments and matrix cut by veinlets.		
38.6	40.7		Basaltic andesite dyke. Dark grey, very fine-grained intrusive generally unaltered and probably feldspar-rich. Moderately magnetic with 5% carbonate-filled amygdules; cut by randomly oriented carbonate-gypsum veinlets (less than 2 cm wide). Lower contact chilled and at 30° to core axis.		
40.7	54.6		Andesite crystal tuff breccia. Same as 32.7 to 38.6 m. Minor sphalerite. Lower contact very irregular.		
54.6	55.5		Silicification breccia. Fragments (3-20 mm) of intensely altered feldspar crystal tuff in fine-grained, light grey siliceous matrix with 3-8% disseminated pyrite 0.5-3% disseminated chalcopyrite, trace sphalerite. Cut by carbonate-gypsum-quartz veinlets in random pattern. Lower contact at 60° to core axis.		
55.5	55.9		Basaltic andesite dykes. Similar to 38.6 to 40.7 m. Upper contact is chilled. With 5-10% amphibole (?) microphenocrysts.		
55.9	56.5		Silicification breccia. Same as 54.6 to 55.5 m. Pyrite 5-8% disseminated; chalcopyrite 0.5-3% disseminated and in alteration veinlets; sphalerite up to 1% in alteration veinlets. Fragments more siliceous than matrix in general. Lower contact at 35° to core axis.		

TEXASGULF INC.			DRILL HOLE LOG	HOLE NO. MM-7	PAGE NO. 3
DEPTH (m)		REC'Y	DESCRIPTION		
FROM	TO				
56.5	60.2		Basaltic andesite dyke. Same as 55.5 to 55.9 m. More carbonate veining plus minor sulphate (probably barite).		
60.2	65.0		Silicified andesite breccia. Similar to 32.7 to 38.6 m though more altered in appearance. Cut by some silicified zones with sulphides as before.		
65.0	66.6		Basaltic andesite dyke. Same as 55.5 to 55.9 m. Local chloritic shears. Lower contact lost.		
66.6	68.1		Silicified andesite breccia. Same as 60.2 to 65.0 m.		
68.1	71.2		Basaltic andesite dyke (possible flow). Similar to 55.5 to 55.9 m. Slight chill zone at lower contact; sharp but irregular at 30° to core axis.		
71.2	86.7		Andesite flow (possible crystal tuff). Medium to dark greenish to purplish grey. Sausseritized plagioclase phenocrysts less abundant towards lower contact; chloritized amphibole phenocrysts; rare biotite phenocrysts. Faint trachytic texture to feldspars at 40° to core axis. Very fine-grained ground mass. Cut by minor, randomly oriented carbonate and epidote-carbonate-qtz(-gypsum) veinlets. Up to 5% disseminated pyrite with traces of chalcopyrite, sphalerite and galena along alteration veinlets. Minor chloritic, manganese-stained shears are abundant. Lower contact lost.		
86.7	87.5		Andesite breccia. Subangular volcanic fragments, 1 to 15 mm across with a few plagioclase phenocrysts in a very fine-grained groundmass. Matrix is fine-grained and probably silicified. Cut by veinlets commonly at 60° to core axis and, where more siliceous, host up to 2% sphalerite, 1% pyrite and 0.5% galena. Lower contact lost.		
87.5	89.3		Basaltic andesite dyke. Similar to 55.5 to 55.9 m. Slight elongation of amygdules at 30° to 40° to core axis.		
89.3	125.0		Andesitic lapilli-crystal tuff. Lapilli fragments of basaltic andesite through andesite-dacite are angular to subangular, 1 to 40 mm across. All fragments variably porphyritic with sausseritized plagioclase and rare amphibole phenocrysts. Matrix		

TEXASGULF INC.	DRILL HOLE LOG	HOLE NO. MM-7	PAGE NO. 4

DEPTH (m) FROM	DEPTH (m) TO	REC'Y	DESCRIPTION
1 89.3	125.0	Cont'd	of fine-grained lithic fragments and feldspar crystals (10-20%). Sporadic and random veinlets carbonate, carbonate-gypsum, and occasional mineralized carbonate-quartz with up to 2% pyrite and traces pyrite and galena. Fragment size increases down-hole below 98.7 becoming a tuff-breccia.
			(Npte: Three boxes of core in last section with considerable spillage)
			END OF HOLE 125.0 m



APPENDIX A

Summary of Geochemical Analyses

Summary of Analyses

Note:

Core samples were analyzed by Bondar-Clegg & Co. Ltd. in North Vancouver, for Cu, Pb, Zn, Ag and Au. For Cu, Pb, An and Ag, the technique involved hot Lefort aqua regia extraction followed by atomic absorption analysis. For gold, extraction was by fire assay and hot aqua regia, followed by atomic absorption analysis.

PROPERTY: JD HOLE No.: MM 7 PAGE 1 of 4

LATITUDE: _____ AZIMUTH: c. 300° INCLINATION: ____/____ at ____

LONGITUDE: _____ DIP: c. 60° INCLINATION: ____/____ at ____

ELEVATION: _____ INCLINATION: ____/____ at ____

SAMPLE No.	METRES		Zn		Pb		Cu		Ag		Au	
	FROM	TO	ppm	AVG.	ppm	AVG.	ppm	AVG.	ppm	AVG.	ppb	AVG.
40951	2.7	3.7	340		42		42		0.9		300	
2	3.7	4.7	235		9		30		0.2		70	
3	4.7	5.7	152		15		54		0.5		405	
4	5.7	6.7	135		17		21		0.7		270	
5	6.7	8.0	980		141		37		1.0		135	
6	8.0	9.0	152		84		47		0.2		30	
7	9.0	10.0	80		109		55		0.2		20	
8	10.0	11.0	355		180		17		1.3		2190	
9	11.0	12.0	355		775		170		42		1290	
40960	12.0	13.3	172		114		125		0.2		150	
1	13.3	14.3	152		29		19		0.2		10	
2	14.3	15.3	260		116		57		0.3		20	
3	15.3	16.3	820		378		48		0.5		5	
4	16.3	17.3	740		267		63		0.2		5	
5	17.3	18.3	155		21		9		0.2		10	
6	18.3	19.3	110		5		4		0.3		>ND	
7	19.3	20.3	100		2		2		0.2		10	
8	20.3	21.3	105		2		5		0.2		5	
9	21.3	22.3	70		ND		1		0.2		5	
40970	22.3	23.3	80		ND		2		0.2		5	
1	23.3	24.3	190		1		1		0.2		30	
2	24.3	25.3	90		ND		1		0.2		ND	
3	25.3	26.3	95		ND		3		0.2		5	
4	26.3	27.3	370		470		25		0.2		380	
5	27.3	27.9	234		20		36		0.3		100	
6	27.9	28.7	7400		665		307		1.3		1130	
7	28.7	29.6	1140		695		200		0.2		45	
8	29.6	30.6	170		12		14		0.2		15	
9	30.6	32.2	185		47		13		0.2		250	
40980	32.2	32.7	285		46		55		0.2		25	
1	32.7	33.7	350		264		61		0.2		25	
2	33.7	34.7	260		69		6		0.2		355	
3	34.7	35.7	400		132		30		0.3		90	
4	35.7	36.7	4500		590		378		0.8		435	
40985	36.7	37.7	460		188		163		0.2		35	

PROPERTY: JD HOLE No.: MM 7 PAGE 2 of 4

LATITUDE: _____ AZIMUTH: _____ INCLINATION: ____/____ at ____

LONGITUDE: _____ DIP: _____ INCLINATION: ____/____ at ____

ELEVATION: _____ INCLINATION: ____/____ at ____

SAMPLE No.	METRES		Zn		Pb		Cu		Ag		Au	
	FROM	TO	ppm	AVG.	ppm	AVG.	ppm	AVG.	ppm	AVG.	ppb	AVG.
40986	37.7	38.6	520		180		81		0.2		10	
7	38.6	39.6	186		3		58		0.2		ND	
8	39.6	40.7	110		ND		54		0.3		ND	
9	40.7	41.7	950		349		84		0.3		55	
40990	41.7	42.7	1390		252		86		0.4		135	
1	42.7	43.7	240		12		9		0.2		10	
2	43.7	44.7	5200		625		189		0.3		65	
3	44.7	45.7	1030		375		56		0.2		40	
4	45.7	46.7	740		347		145		1.0		445	
5	46.7	47.7	345		204		90		2.0		380	
6	47.7	48.7	350		188		136		1.9		195	
7	48.7	49.7	377		259		163		0.8		265	
8	49.7	50.7	1320		900		67		0.4		185	
9	50.7	51.7	1240		790		25		0.3		45	
41000	51.7	52.7	1500		525		185		0.8		115	
1	52.7	53.7	1940		445		690		2.1		215	
2	53.7	64.6	4700		595		152		0.8		115	
3	54.6	55.5	3900		187		485		8.3		415	
4	55.5	55.9	235		6		62		0.2		35	
5	55.9	56.5	12300		325		2920		9.3		855	
6	56.5	57.5	320		13		70		0.2		35	
7	57.5	58.5	224		ND		54		0.3		5	
8	58.5	60.2	172		ND		45		0.2		5	
9	60.2	61.2	195		8		55		0.2		10	
41010	61.2	62.2	880		167		53		2.3		890	
1	62.2	63.2	480		1025		75		10.0		730	
2	63.2	64.2	4100		1900		39		3.3		285	
3	64.2	65.0	1230		395		78		2.7		255	
4	65.0	66.6	1050		47		76		0.2		215	
5	66.6	67.6	4300		1435		138		2.4		665	
6	67.6	68.1	3200		1410		43		4.7		2380	
7	68.1	69.1	262		280		59		0.3		30	
8	69.1	70.1	175		9		58		0.2		40	
9	70.1	71.2	100		ND		50		0.2		ND	
41020	71.2	72.2	134		17		71		0.2		45	

PROPERTY: JD HOLE No.: MM 7 PAGE 3 of 4

LATITUDE: _____ AZIMUTH: _____ INCLINATION: ____/____at ____

LONGITUDE: _____ DIP: _____ INCLINATION: ____/____at ____

ELEVATION: _____ INCLINATION: ____/____at ____

SAMPLE No.	METRES		Zn		Pb		Cu		Ag		Au	
	FROM	TO	ppm	AVG.	ppm	AVG.	ppm	AVG.	ppm	AVG.	ppb	AVG.
41021	72.2	73.2	280		45		181		0.3		70	
2	73.2	74.2	226		118		272		0.2		25	
3	74.2	75.2	210		49		204		0.3		15	
4	75.2	76.2	1240		500		168		0.3		25	
5	76.2	77.2	110		6		12		0.2		ND	
6	77.2	78.2	88		9		8		0.2		5	
7	78.2	79.2	93		17		18		0.2		10	
8	79.2	80.2	80		14		18		1.2		120	
9	80.2	81.2	90		11		9		0.6		115	
41030	81.2	82.2	2300		1110		139		0.4		90	
1	82.2	83.2	1220		565		76		0.5		100	
2	83.2	84.2	700		313		110		7.2		1050	
3	84.2	85.2	355		86		15		0.3		20	
4	85.2	85.9	4800		1920		12		0.9		35	
5	85.9	86.7	4000		2950		12		1.2		50	
6	86.7	87.5	16400		5500		112		4.3		175	
7	87.5	88.5	810		291		57		0.3		5	
8	88.5	89.3	345		38		62		0.3		25	
9	89.3	90.3	3600		2340		18		2.6		1490	
41040	90.3	91.3	220		33		1		0.2		45	
1	91.3	92.3	750		450		6		0.4		35	
2	92.3	93.3	172		6		3		0.2		20	
3	93.3	94.3	245		73		ND		0.2		15	
4	94.3	95.3	510		495		1		0.2		55	
5	95.3	96.3	530		118		2		0.3		105	
6	96.3	97.3	169		7		1		0.3		20	
7	97.3	98.3	96		7		1		0.2		ND	
8	98.3	99.3	96		5		1		0.2		15	
9	99.3	100.3	192		7		1		0.4		20	
41050	100.3	101.3	114		3		1		0.2		ND	
1	101.3	102.3	71		ND		ND		0.3		15	
2	102.3	103.3	68		2		1		0.3		15	
3	103.3	104.3	59		4		1		0.2		ND	
4	104.3	105.3	63		2		1		0.3		ND	
41055	105.3	106.3	61		2		1		0.2		ND	

PROPERTY: JD HOLE No.: MM 7 PAGE 4 of 4

LATITUDE: _____ AZIMUTH: _____ INCLINATION: ____/____at ____

LONGITUDE: _____ DIP: _____ INCLINATION: ____/____at ____

ELEVATION: _____ INCLINATION: ____/____at ____

SAMPLE No.	METRES		Zn		Pb		Cu		Ag		Au	
	FROM	TO	ppm	AVG.	ppm	AVG.	ppm	AVG.	ppm	AVG.	ppb	AVG.
41056	106.3	107.3	72		2		1		0.2		ND	
7	107.3	108.3	75		ND		1		0.2		ND	
8	108.3	109.3	97		ND		1		0.7		5	
9	109.3	110.3	78		ND		ND		0.4		ND	
41060	110.3	111.3	75		ND		ND		0.3		ND	
1	111.3	112.3	72		5		1		0.3		10	
2	112.3	113.3	68		ND		1		0.2		ND	
3	113.3	114.3	64		ND		ND		0.3		ND	
4	114.3	115.3	76		ND		ND		0.4		ND	
5	115.3	116.3	68		ND		ND		0.3		ND	
6	116.3	117.3	67		ND		ND		0.3		ND	
7	117.3	118.3	74		ND		ND		0.2		ND	
8	118.3	119.3	85		ND		ND		0.3		ND	
9	119.3	120.3	75		ND		ND		0.3		10	
41070	120.3	121.3	94		ND		3		0.4		10	
1	121.3	122.3	90		ND		1		0.4		10	
2	122.3	123.3	94		ND		1		0.3		5	
41073	123.3	125.0	75		ND		ND		0.2		5	

APPENDIX C

Statements of Qualification

STATEMENTS OF QUALIFICATION

I.G. Sutherland - Geologist

I.G. Sutherland holds a B.Sc. (Hons) Degree in Geology from the University of Western Ontario, granted in 1976. Since that time he has held several positions in Industry and Government, and has been employed by Texasgulf in Vancouver since March 1981.

J.R. Clark - Geologist

J.R. Clark holds a B.Sc. (Hons) Degree in Geology from McGill University, granted in 1979. He has wide exploration experience and was employed by Texasgulf for the 1981 field season. He is presently enrolled in an M.Sc. programme at McGill, where his research will concern aspects of the geology of properties in this region.

G. R. Pearfield.
01/10/81

APPENDIX D

Statement of Expenditures

STATEMENT OF EXPENDITURES

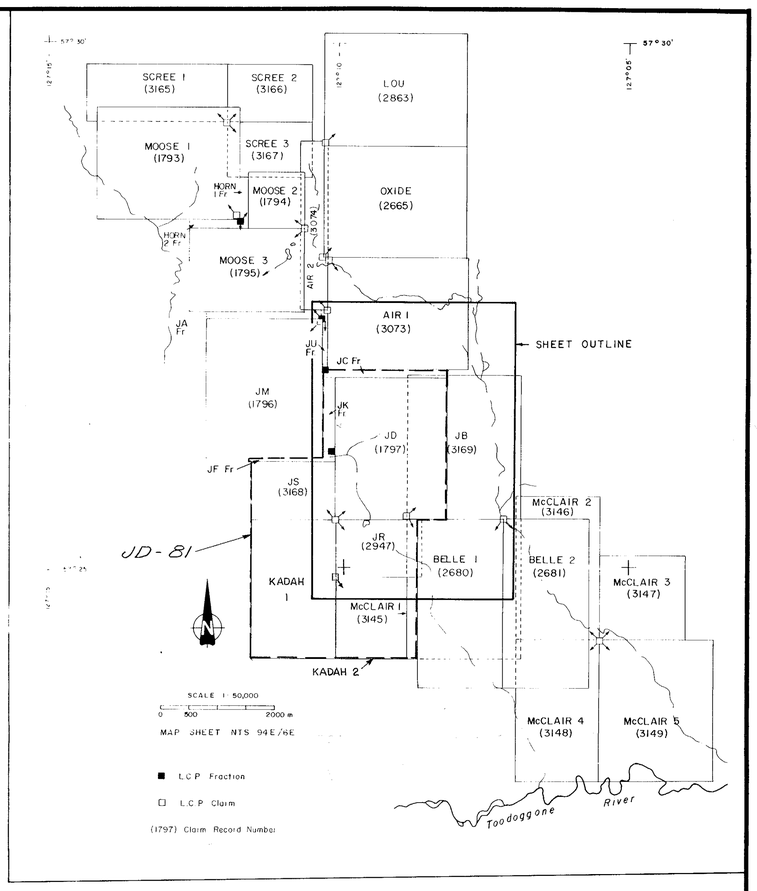
SALARIES AND FRINGE BENEFITS, TEXASGULF INC.

J.R. Clark - Geologist June 3-5, 1981	3 days @ $95	285.00	
A. Costigan - Assistant June 5,6, 1981	2 days @ $60	120.00	
I.G. Sutherland - Geologist Sept 29, 30 (report)	2 days @ $140	280.00	
G.R. Peatfield, P.Eng. Sept 30 (report)	1/2 day @ $220	110.00	
		795.00	795.00
ROOM AND BOARD			
Tg personnel	5 man-days @ $70		350.00
HELICOPTER SUPPORT			
Texasgulf Bell 206B	0.5 hours @ $400		200.00
ANALYTICAL COSTS			
123 Cu, Pb, Zn, Ag analyses	@ $4.00	492.00	
123 Au analyses	@ $5.25	645.75	
123 sample preparations	@ $2.59	307.50	
		1,445.25	1,445.25
MISCELLANEOUS			
Shipping charges		25.00	
Report preparation, reproductions, etc.		75.00	
		100.00	100.00
			2,890.25

Note:

Of this total, $925 was applied to the JR M.C. as per a Statement of Exploration and Development filed in Vancouver on July 17, 1981 (M.R. #161873E), and the remaining $1,965.25 is to be applied to KADAH 1 and KADAH 2 M.C.'s as per a Statement of Exploration and Development filed on Oct. 1, 1981, in Vancouver, and accompanied by this report.

G.R. Peatfield
01/10/81



LEGEND

INTRUSIVES

- 6 — Basalt dykes
- 5 — Feldspar porphyry - monzonite. Probably related to Units 1-3.

LOWER OR MIDDLE JURASSIC

- 4 — Tuffaceous agglomerate and volcanic breccia, generally green - brown to grey, or maroon.
- 3 — Maroon coloured hornblende - feldspar porphyry, andesite and dacite.
- 2 — Light grey, massive hornblende - feldspar porphyry, strongly trachytic.
- 1 — Massive green - grey to green - brown feldspar - hornblende porphyry, andesite, trachyte and latite.

- A — Zone of alteration, silicification, veining and mineralization.

SYMBOLS

- 30° Strike and dip
- Fault or shear zone
- Outcrop
- Area of float concantration
- Inferred contact
- Outline of Unit A
- Trench
- 1544 Rock sample assayed

MINERALS

pyr - pyrite	qtz. - quartz
gn - galena	kaol. - kaolinite
sphal - sphalerite	arg. - argillic
hem - hematite	chlor - chlorite
argen - argentite	epid - epidote
	seric - sericite

Sample No.	Au gm/tonne	Ag gm/tonne	Cu %	Pb %	Zn %	Sb %	As %	Bi %	Hg %
1541	0.17	72.00							
1542	<0.07	1.03							
1543	0.99	21.26							
1544	7.89	170.40							
1545	5.49	112.80							
1546	1.51	192.00							
1547	<0.07	25.03							
1548	<0.07	3.09							
1549	<0.07	<0.69							
1550	<0.07	8.23							
18452	<0.07	12.34							
18453	0.21	12.00							
18454	<0.07	13.37							
18455	0.10	126.17							
18456	32.57	30.86							
18457	3.19	301.03							
18458	14.74	809.15							
18459	0.10	15.43							
18720	<0.07	0.69	<0.01	<0.01	0.03				
18721	<0.07	0.69	<0.01	<0.01	0.01				
18722	<0.07	0.69	<0.01	<0.01	0.03				
18723	0.07	20.23	<0.01	0.01	0.01				
18724	0.07	4.80	<0.01	<0.01	0.02				
18725	<0.07	1.03	<0.01	<0.01	0.02				
18726	<0.07	0.69	<0.01	<0.01	0.03				
18727	0.21	1.37	<0.01	0.17	0.04				
18728	0.21	1.03	<0.01	<0.01	<0.01				
18729	0.14	0.69	0.01	0.02	1.60				
18730	1.68	6.17	<0.01	0.03	0.01				
18731	2.02	17.14	0.05	0.64	0.10				
18732	0.07	2.06	0.01	0.01	0.01				
18733	<0.07	10.63	<0.01	0.04	0.01				
18734	12.69	19.89	0.02	0.16	0.10				
18735	0.55	6.86	0.01	0.03	0.05	<0.01			
18736	326.06	1535.33	0.39	1.05	0.43	0.01	<0.01	<0.01	<0.001
18737	64.46	6150.91	0.28	1.27	1.14	<0.01	0.02	<0.01	<0.001
18738	40.80	3000.71	0.28	1.26	1.36	<0.01	0.01	<0.01	<0.001
18739	49.37	1390.64	0.14	1.04	1.57	<0.01	0.02	<0.01	<0.001
18740	41.14	1297.38	0.10	0.70	1.35	<0.01	<0.01	<0.01	<0.001
18741	1.20	18.17	<0.01	0.02	0.03	<0.01	0.02	<0.01	<0.001
18742	0.45	13.71	<0.01	0.01	0.02	<0.01	0.01	<0.01	<0.001
18743	0.51	6.85	<0.01	<0.01	0.01	<0.01	0.01	<0.01	<0.001
18744	0.07	4.80	<0.01	<0.01	0.01	<0.01	0.01	<0.01	<0.001
18745	0.45	6.86	<0.01	<0.01	0.01	<0.01	0.01	<0.01	<0.001
18746	0.07	47.31	<0.01	0.08	0.07				
18747	14.06	1600.81	0.02	0.72	0.82				
18748	9.26	39.09	0.01	0.18	0.02				
18749	0.31	9.94	<0.01	<0.01	<0.01				
18750	0.48	13.71	<0.01	0.03	<0.01				
18751	0.55	21.60	<0.01	0.02	<0.01				

Note: Contours are in feet.

Figure: 3

Texasgulf Inc.

JD CLAIM

GEOLOGY

NTS 94E/6E PROJ. 04

WORK BY	DRAWN BY	DATE	DRW.G NO.
HRS, et pred	E.R.,G.R.P., L.P.	March 1981	

100 0 100 200 300 400

Scale in Metres 1:5,000

9372

G.R. Pratt
01/10/81