REPORT ON

EXAMINATION OF DRILL CORE

by

I.G. Sutherland, B.Sc.

from the

MOOSE 1-3 MINERAL CLAIMS

(in the MOOSE-81 Group)

situated near Moosehorn Creek
in the Omineca Mining Division

57°28'N, 127°13'W

NTS 94E/6E

Owned by: KIDD CREEK MINES LTD. (formerly Texasgulf Canada Ltd.)
Work by: KIDD CREEK MINES LTD. (formerly Texasgulf Inc.)

March 1982

Vancouver, B.C.

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INTRODUCTION

This report summarizes descriptive logs and geochemical analyses done in 1981 on core samples from four existing diamond drill holes on the 'Moose-81' claim group. The group consists of 93 MGS claims and 4 fractional claims all of which are situated in the Omineca Mining Division.

Location, Access and Terrain

Access to the claims is by a combination of fixed wing aircraft from Smithers or Watson Lake to the Sturdee Valley Airstrip 30 km south-east of the property, and helicopter thereafter. There is no road access although it has been suggested that the Omineca mining road to the south may be extended into the Toodoggone River area in the future.

The claim group is situated at the eastern boundary of the Spatsizi Plateau and covers moderate to steep ridges between the broad valleys of Moosehorn and McClair Creeks (see Figure 2). Vegetation below 1525 metres consists of spruce, fir and pine forests giving way to extensive willow in the valley bottoms. Above 1525 metres, moss, grasses and alpine flowers predominate. Previously cut lines provide good access through forested ground.

Property History and Definition

Attention was focussed on McClair Creek in 1931 when Chas. McClair was reported to have taken several thousand dollars worth of gold from placer workings.

The original property area of the Moose 1, 2 and 3 mineral claims was staked in 1971 to cover showings discovered by Sullivan and Rodgers, consultants, who were undertaking reconnaissance work for Sumac Mines Ltd. Interest in the claims originally focussed on showings of Pb and Zn sulphides hosted in quartz veins near the centre of the

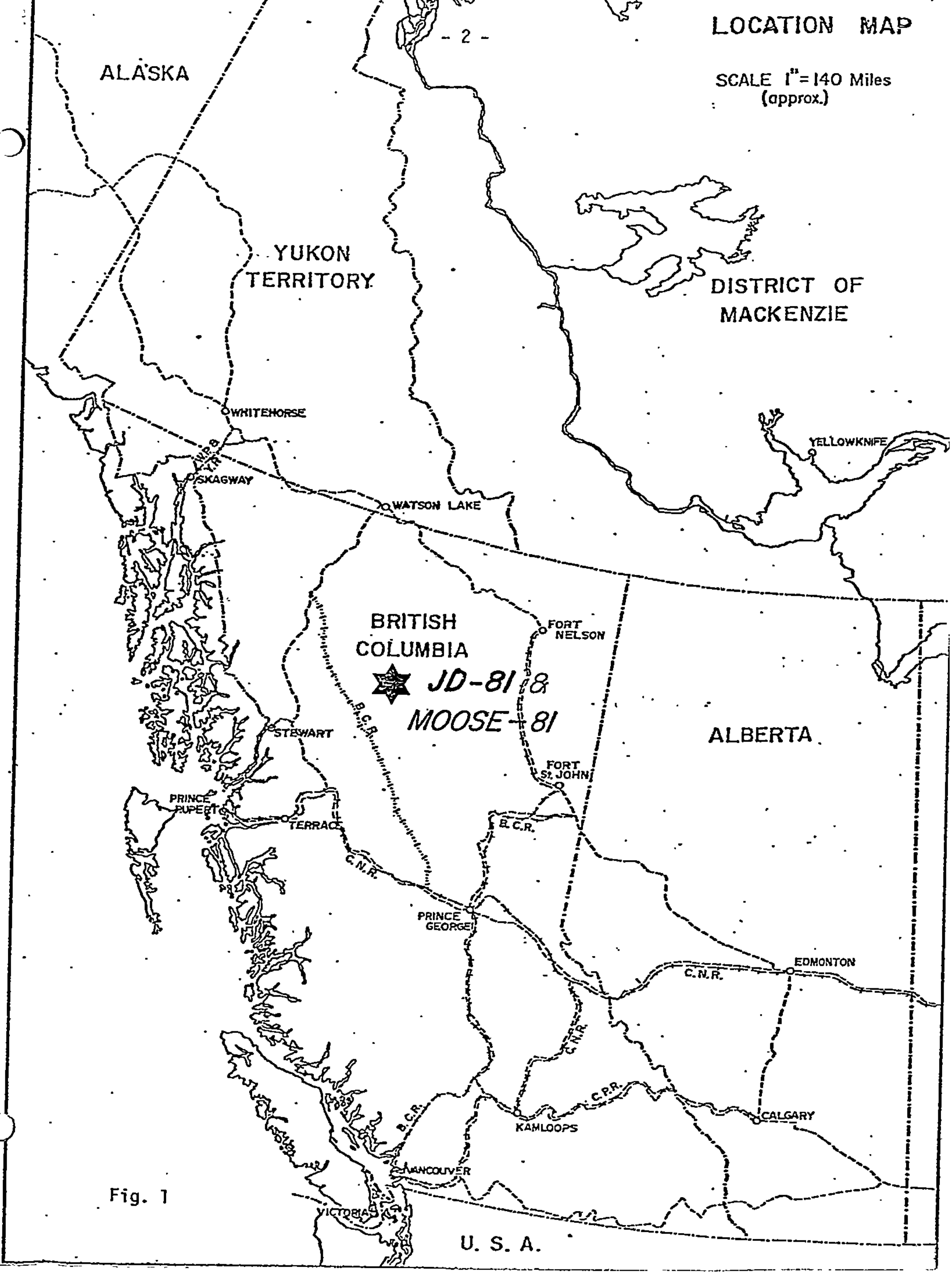
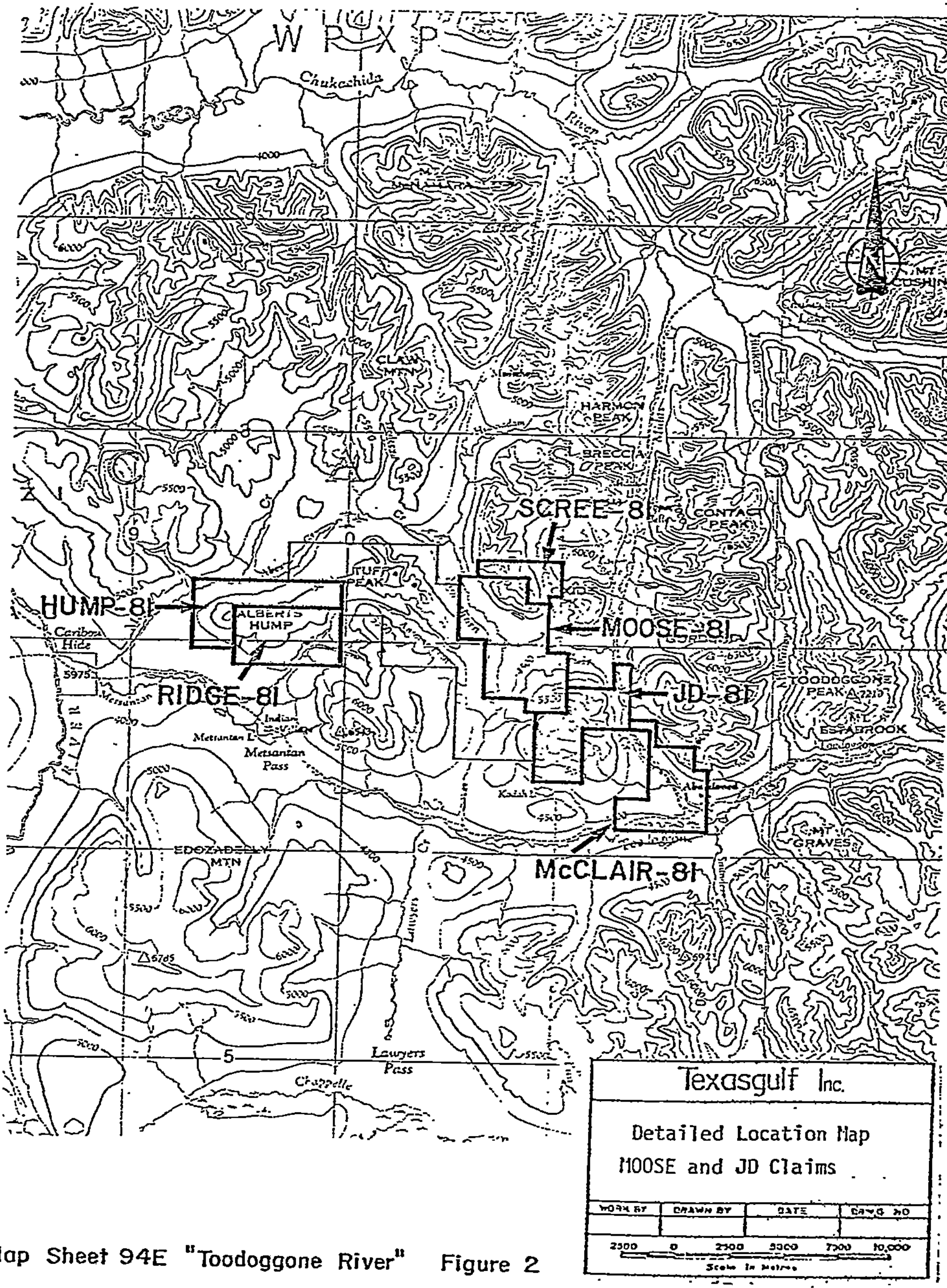

LOCATION MAP
SCALE 1" = 140 Miles (approx.)
ALASKA
YUKON TERRITORY
DISTRICT OF MACKENZIE
WHITEHORSE
W.P. & Y.R.
SKAGWAY
WATSON LAKE
YELLOWKNIFE
BRITISH COLUMBIA
JD-81 & MOOSE-81
FORT NELSON
B.C.R.
STEWART
FORT St. JOHN
ALBERTA
PRINCE RUPERT
TERRACE
C.N.R.
PRINCE GEORGE
EDMONTON
C.P.R.
KAMLOOPS
CALGARY
VANCOUVER
VICTORIA
U. S. A.

Fig. 1



Map Sheet 94E "Toodoggone River" Figure 2

Moose 1 claim. Geochemical surveys outlined an area 1500 metres long with anomalous silver, lead, zinc and copper in soils. Subsequent geochemical, geophysical and geological work in 1972 revealed mineralization of several types and confirmed the previous geochemical anomalies. During 1974, 4 BQ holes totalling 505.6 metres were drilled to test selected I.P. anomalies; results proved inconclusive. The claims were allowed to lapse in 1977, but the area was restaked by Energex Minerals Ltd. and Petra Gem Exploration Ltd. interests in 1979. Additional mapping and geochemical surveys were carried out by H.R. Schmitt of Texasgulf Inc. and his assistants in June, 1980; results of this and previous surveys can be found in the assessment report for Moose 1 M.C. submitted in June of 1981 (Peatfield, 1981). Work described in this report was undertaken by Texasgulf Inc. on behalf of its wholly owned subsidiary Texasgulf Canada Ltd., the registered owner of the claims at the time of the work. Following a recent name change, ownership has been transferred to Kidd Creek Mines Ltd.

Summary of Work Completed

During the period June 2 to June 25, 1981, the core from four diamond drill holes previously drilled on the Moose 1, 2 and 3 mineral claims was logged and sampled. Samples were analysed geochemically for Au, Ag, Cu, Pb and Zn. All work was carried out on the 'Moose-81' claim group.

GEOLOGY

Regional Setting

The property lies near the eastern margin of a Mesozoic volcanic arc assemblage bounded on the west and south by the Sustut and Bowser basin assemblages and to the east by the Omineca Crystalline Belt. Mapping by Gabrielse, et al. from 1971-1975, and a summary by Carter of the geology as understood in 1981, refer to a sequence known informally as the "Toodoggone" volcanic rocks, which underlie much of the region and the property.

Property Geology

The geology of the Moose proeprty was originally mapped at a scale of 1"=400' by T.C. Scott and T. Rodgers in 1972. Mapping by H.R. Schmitt in 1980 at a scale of 1:5000 defined in greater detail some of the lithological variations. Recent mapping, also at a scale 1:5000, reinterpreted the lithologies and their variations in terms of a tuffaceous,subaerial volcanic environment. A comprehensive interpretation of the geology is limited by the rapid changes in lithologies characteristic of these subaerial volcanics.

In summary, the claims are underlain by a thick succession of Lower to Middle Jurassic feldspar-hornblende crystal and crystal-lapilli tuffs and tuff breccias, and lesser flows and intrusive equivalents. A broad zone of pervasive silicification and quartz veining with local minor brecciation and shearing is found throughout the lower area of the Moose 1 M.C.; this zone contains numerous disseminated and vein occurrences of galena, sphalerite, and chalcopryite. The small, spotty gold and silver anomalies above this zone are apparently related to small quartz veinlets that cut the rocks.

DIAMOND DRILL CORE EXAMINATION

The diamond drill holes described here were located and drilled on the basis of an earlier geophysical programme done by Sumac Mines Ltd. which outlined numerous I.P. and resistivity anomalies. Anomalies, located in areas of shallow to moderate overburden, were tested with four, BQ, diamond drill holes to an average depth of approximately 125 m. Drill hole locations, depths, and orientation details are shown in Fig. 3 and Appendix A.

The BQ core, which had been stored on the Moose 1 claim, 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 in lithology and in alteration/mineralization made this impractical. Summary logs for these holes are included as Appendix C, and geochemical results are tabulated in Appendix D.

In general, the results were quite disappointing with only minor sporadic values of any kind from the majority of the holes. The only exception to this is the lower section of diamond drill hole MM-2, where a zone of interesting Au and Cu mineralization was intersected in a porphyritic intrusive rock. Further drilling may be warranted on this mineralization because of the possible potential for a large tonnage - low grade deposit.

I.G. Sutherland

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APPENDIX A

STATEMENT OF QUALIFICATIONS

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 (now Kidd Creek Mines Ltd.) 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 (now Kidd Creek Mines Ltd.) 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.N. Cooper - Geologist

G.N. Cooper holds a B.Sc. Degree in Geology from McMaster University, granted in 1980. He has considerable experience in both Industry and Government and has held his present position with Texasgulf (now Kidd Creek Mines Ltd.) since April 1981.

APPENDIX B

STATEMENT OF EXPENDITURES

STATEMENT OF EXPENDITURES

SALARIES AND FRINGE BENEFITS, TEXASGULF INC.			
I.G. Sutherland - Geologist Period: June 7-14, 1981	6 days @ $140	840.00	
J.R. Clark - Geologist Period: June 7-19, 1981	11 days @ $ 95	1,045.00	
G.N. Cooper - Geologist Period: June 15-17, 1981	3 days @ $ 95	285.00	
S. Bending - Assistant Period: June 19-20, 1981	2 days @ $ 55	110.00	
A. Costigan - Assistant Period: June 3-22, 1981	6 days @ $ 60	360.00	
J. Gosselin - Assistant Period: June 2-18, 1981	4 days @ $ 60	240.00	
L. Haering - Assistant Period: June 19-20, 1981	2 days @ $ 50	100.00	
P. Mouldey - Assistant Period: June 2-11, 1981	3 days @ $ 60	180.00	
G. Murray - Assistant Period: June 21, 1981	1 day @ $ 55	55.00	
F. Renaudat - Assistant Period: June 13, 1981	1 day @ $ 65	65.00	
		3,280.00	3,280.00
ROOM AND BOARD			
Tg personnel	39 man-days @ $70		2,730.00
HELICOPTER SUPPORT			
Texasgulf Bell 206B	3.2 hrs @ $400		1,280.00
ANALYTICAL COSTS			
441 Cu, Pb, Zn, Ag analyses	@ $4.00	1,764.00	
441 Au analyses	@ 5.25	2,315.25	
441 sample preparations	@ 2.59	1,142.19	
		5,221.44	5,221.44
MISCELLANEOUS			
Shipping charges		80.00	
Report preparation, reproductions, etc.		275.00	
		355.00	355.00
			12,866.44

APPENDIX C

DIAMOND DRILL LOGS

PROPERTY: "MOOSE"	TEXASGULF INC.	HOLE NO. MM-1
LOCATION (grid)	DRILL HOLE LOG	CLAIM: MOOSE
LOCATION (survey)		SECTION:
AZIM: ELEV: DIP:		
DEPTH: 133.6 m CORE SIZE: BQ	DIP TEST	LOGGED BY: I.G. Sutherland
STARTED:		DATE LOGGED: June 1981
COMPLETED: 1974		DRILLING CO.:
CORE RECOVERY:		

DEPTH	AZIM	DIP

DEPTH (m) FROM	TO	REC'Y	DESCRIPTION
0	8.5 m		Overburden
8.5	9.1 m		Andesitic Crystal Tuff (or Flow);
			Fine-grained, medium to dark grey matrix with 5% feldspar crystal fragments.
			Quartz veinlets and silicification zones occupy fractures ± minor pyrite.
9.1	9.6 m		Monzonite Dyke
			Fine-to coarse-grained, salmon pink intrusive with sharp, chilled contacts.
			Up to 40% feldspar phenocrysts. Fractures host pyrite-quartz-chlorite-carbonate
			(+ trace chalcopyrite). Minor vugs filled with drusy quartz-pyrite-chlorite ±
			specularite.
9.6	22.9 m		Andesitic Crystal - Lapilli Tuff;
			Mainly dark grey, lesser light green and locally pink with medium - to coarse-
			grained feldspar ± hornblende crystal fragments and minor lithic fragments in a
			fine-grained, intermediate matrix. (18.6 m - 19.6 m) Lapilli-crystal tuff equivalent
			-local, pervasive alteration zones and fracture-filled veinlets of quartz-epidote-
			pyrite-chlorite ± magnetite. (11.6 - 12.8 m; 14.7 - 15.2 m; 16.0 - 19.6 m)

TEXASGULF INC. — DRILL HOLE LOG — HOLE NO. MM-1 — PAGE NO. 2

DEPTH (m) FROM	TO	REC'Y	DESCRIPTION
9.6	22.9m		Andesitic Crystal - Lapilli Tuff (cont.)
			- moderate to intense, pervasive quartz-chlorite-pyrite-carbonate alteration (19.6 - 21.6 m)
			- moderate, pervasive quartz-pyrite-chlorite alteration with 5% pyrite in elongate blebs and disseminated along fractures (21.6 - 22.9 m)
			-brecciated and intensely silicified zone with secondary quartz, chlorite, epidote, carbonate, hematite/magnetite, pyrite and trace chalcopyrite (22.9 - 28.1 m)
31.5	32.0m		Monzonite Porphyry
			Pale pinkish-grey, fine to medium-grained intrusive which is hornblende-feldspar porphyritic with a chilled and sheared upper contact. Alteration is variably pervasive; feldspar goes to epidote and pyrite ± chlorite pseudomorph hornblende. Minor quartz-chlorite-epidote ± pyrite veinlets occur throughout.
32.0	50.5m		Andesitic Crystal - Lapilli Tuff - as above
			Alteration is pervasive but generally weak with narrow veinlets of quartz ± chlorite ± epidote ± pyrite ± carbonate and intense magnetite-epidote-quartz alteration zones.
			-unit with up to 5% hornblende crystal fragments (45.8 - 46.5 m)

TEXASGULF INC.			DRILL HOLE LOG	HOLE NO. MM-1	PAGE NO. 3

DEPTH (m) FROM	TO	REC'Y	DESCRIPTION
32.0	50.5m		Andesitic Crystal - Lapilli Tuff (cont.)
			- dark grey, fine-grained quartz-chlorite-pyrite alteration zone with indistinct breccia texture and minor, disseminated pyrite (48.5 - 50.5 m)
50.5	55.9m		Andesitic Lapilli - Crystal Tuff
			Similar to overlying tuffs, but grades downwards into increasingly brecciated and altered equivalent. Angular tuff fragments are hosted in an intensely silicified, pyritic matrix.
55.9	63.2m		Andesitic (to Dacitic) Intrusive (Granodiorite to Diorite)
			Fine-grained, grey-green, massive intrusive is characterized by alteration spots (? chlorite). Pyrite + chlorite stringers with local quartz-epidote envelopes follow fractures throughout (<1% pyrite). Minor drusy quartz-epidote veinlets and rare pink, silicified zones also present.
63.2	119.4m		Andesitic (to Dacitic) Crystal-Lapilli Tuff
			Similar to crystal-lapilli tuffs from 9.6 - 22.9 m and from 32.0 - 50.5 m.
			Alteration stringers and zones consist of varying combinations of quartz, pyrite, magnetite, chlorite, epidote, carbonate and possible hematite.

TEXASGULF INC. — DRILL HOLE LOG — HOLE NO. MM-1 — PAGE NO. 4

DEPTH (m) FROM	DEPTH (m) TO	REC'Y	DESCRIPTION
63.2	119.4 m		Andesitic (to Dacitic) Crystal-Lapilli Tuff (cont.)
			-strong silicification with pyrite ± chlorite ± epidote.
			(68.8 - 69.4 m; 84.5 - 84.7 m; 85.9 - 86.0 m;)
			(86.5 - 86.7 m; 87.3 - 87.4 m; 118.1 - 118.2 m)
			- similar strong, pervasive pyrite-quartz alteration
			(72.8 - 73.1 m; 78.4 - 79.0 m; 82.0 - 82.2 m; 83.8 - 84.0 m)
			(101.9 - 102.0 m; 102.6 - 102.8 m; 102.9 - 103.0 m; 103.4 - 103.9 m;)
			(108.5 m; 111.3 - 111.4 m)
			-strong, localized magnetite alteration generally with pyrite ± epidote in irregular blebs (84.2 - 90.4 m).
			-below 90.4 m alteration becomes pervasive quartz-chlorite-pyrite.
			Alteration Breccia
			-strong to moderate pyrite-chlorite-quartz alteration (91.7 - 94.7 m) grades into intense quartz-carbonate-chlorite-sericite-pyrite alteration with brecciation and later fracturing (94.7 - 96.6 m). This grades through pervasive pyrite-chlorite-quartz alteration as above into relatively fresh tuff.

TEXASGULF INC.			DRILL HOLE LOG	HOLE NO. MM-1	PAGE NO. 5

DEPTH (m) FROM	TO	REC'Y	DESCRIPTION
63.2	119.4 m		Andesitic (to Dacitic) Crystal-Lapilli Tuff (cont.)
			(113.2 - 118.2 m)
			Breccia Zone
			-fractured, in situ tuff fragments (as above) hosted in an altered matrix of
			quartz-chlorite (± pyrite)
			-upper contact is sharp at 40° c.a. with minor parallel banding.
119.4	133.6 m		Dacite Dyke
			Fine-grained, dark grey to green to pink, massive intrusive is variably altered.
			Groundmass is siliceous with minor chlorite.
			Upper contact at 50° c.a. is sharp; lower contact is indistinct.
			- @ 125.7 m a sharp colour change from grey to dark grey takes place;
			no similar contact exists below.
			- irregular siliceous alteration zones are present throughout.
			Alteration has dark grey, rarely pyritic cores and light grey rims.
			-strong pyrite - quartz (± magnetite ± carbonate ± epidote)
			alteration zones
			(120.0 - 120.4 m; @ 121.6; 124.2 - 124.8 m; 125.4 - 125.5m;)
			(125.9 - 126.3 m; 130.7 - 131.0 m; 131.2 - 131.7 m)

TEXASGULF INC. DRILL HOLE LOG

HOLE NO. MM-1 | PAGE NO. 6

DEPTH FROM	DEPTH TO	REC'Y	DESCRIPTION
119.4	133.6 m		Dacite Dyke (con't)
			-intense quartz - magnetite - epidote alteration (131.7 - 132.1 m)
			- strong quartz ± pyrite ± chlorite ± epidote ± carbonate alteration (132.8 - 132.9 m; 133.2 - 133.4 m)
			END OF HOLE 133.6 m

PROPERTY: MOOSE

LOCATION (grid)

LOCATION (survey)

AZIM: ELEV: DIP:

DEPTH: 125.7 m CORE SIZE:

STARTED:

COMPLETED:

CORE RECOVERY:

TEXASGULF INC.
DRILL HOLE LOG

HOLE NO. MM-2

CLAIM:

SECTION:

LOGGED BY: Jim Clark

DATE LOGGED: June 1981

DRILLING CO.:

DIP TEST

DEPTH	AZIM	DIP

DEPTH FROM	DEPTH TO	REC'Y	DESCRIPTION
0	18.0 m		Overburden
18.0	36.8 m		Andesitic Crystal - Lapilli Tuff
			Medium grey-green with feldspar and hornblende crystal fragments in intermediate groundmass. Occasional intermediate to mafic rock fragments are present. Sericitization is pervasive with lesser chloritization. Silicification, where present, is marked by pinkish bleaching. Sulphides are mainly associated with silicification; pyrite 0.5 - 5%, sphalerite trace - 0.5%.
			Dominant fracturing at 60°∧ c.a.
			Minor carbonate veinlets cut host throughout.
			-fragmental texture becomes distinct; lapilli (24.1-25.0 m)
			-trace chalcopyrite (31.1 - 31.7 m)
			-strong quartz-sericite-pyrite alteration in bleached zone from 33.8 - 34.3 m
36.8	38.1 m		Andesite-Dacite Dyke
			Medium to dark grey, hornblende-feldspar porphyry is cut by minor calcite veinlets.

TEXASGULF INC.			DRILL HOLE LOG	HOLE NO. MM-2	PAGE NO. 2

DEPTH FROM	DEPTH TO	REC'Y	DESCRIPTION
38.1	39.2 m		Andesitic Crystal - Lapilli Tuff
			Same as 18.0 - 36.8 m
39.2	39.8 m		Andesite-Dacite Dyke
			Same as 36.8 - 38.1 m
39.8	125.7m		Granodioritic Intrusive
			Light pinkish-grey to grey feldspar-rich intrusive with 5-15% quartz phenocrysts and minor mafics. Cut by narrow quartz veinlets (≤ 5 mm) with up to 6% disseminated pyrite and traces of sphalerite and chalcopyrite. Intensity of alteration is variable as represented by colour variations.
			-minor sphalerite + pyrite ± chalcopyrite (52.5 - 53.2 m)
			-pinkish grey host with up to 8% pyrite along fractures and veinlets, minor sphalerite and chalcopyrite in similar quartz ± sericite veinlets. Quartz is cut by later carbonate veinlets (55.6-71.6 m)
			-greenish and rarely pinkish-grey altered host with less quartz veining and less sulphides (78.2 - 82.9 m)
			-greenish - grey, chlorite altered host with up to 20% quartz-magnetite ± sericite veinlets plus up to 8% pyrite and minor sphalerite, chalcopyrite, and galena. (92.3-92.7 m; 100-102.8 m)

TEXASGULF INC. DRILL HOLE LOG

HOLE NO. MM-2 | PAGE NO. 3

DEPTH FROM	DEPTH TO	REC'Y	DESCRIPTION
39.8	125.7 m		Granodioritic Intrusive (con't)
			Similar alteration present, with up to 8% fine-grained magnetite throughout
			(103.4-103.9 m).
			Alteration becomes less chloritic and more magnetite-rich downhole from
			103.9 - 112.3 m.
			Magnetite content peaks at 111.4 m with 15%.
			END OF HOLE 125.7 m
			NOTE: Core is badly fractured and weathered. Rock descriptions are tenuous.
			Ian S. Sheldrake [signature]
			Rev. Jim Clark [signature]

TEXASGULF INC.
DRILL HOLE LOG

PROPERTY: MOOSE
LOCATION (grid)
LOCATION (survey)
AZIM: ELEV: DIP:
DEPTH: 124.4 m CORE SIZE:
STARTED:
COMPLETED:
CORE RECOVERY:

HOLE NO. MM-3
CLAIM:
SECTION:
LOGGED BY: Jim Clark
DATE LOGGED: June 1981
DRILLING CO.:

DIP TEST

DEPTH	AZIM	DIP

DEPTH FROM	DEPTH TO	REC'Y	DESCRIPTION
0	3.1 m		Overburden
3.1	37.5m		Andesitic Crystal Tuff
			Light greenish-grey with up to 20% feldspar and 5% hornblende crystal
			fragments in very fine-grained feldspar-rich matrix. Abundant zones
			of silicification throughout but decreasing in number below 30.1 m.
			Silicification is zonal with minor carbonate and up to 10% pyrite.
			Lower contact is gradational.
			-minor <u>in situ</u> brecciation and carbonate in-filling (22.6-22.9 m)
37.5	40.6 m		Andesitic Lapilli - Crystal Tuff
			Light to medium greyish-green tuff with subangular feldspar porphyry
			fragments, 0.5 - 3.5 cm. in diameter and feldspar and minor hornblende
			crystal fragments in an altered, feldspar-rich matrix.
			-probable fault zone marked by upper silicification plus pyrite grading
			into fault gouge toward the lower contact with minor sphalerite and

TEXASGULF INC. — DRILL HOLE LOG

HOLE NO. MM-3 | PAGE NO. 2

DEPTH FROM	DEPTH TO	REC'Y	DESCRIPTION
37.5	40.6 m		Andesitic Lapilli - Crystal Tuff (con't)
			galena in quartz-carbonate veining (39.3 - 40.6 m)
40.6	70.3 m		Andesitic Crystal Tuff to Crystal-Lapilli Tuff
			Similar to 3.1 - 37.5 m with generally more lithic fragments (becoming
			a crystal-lapilli tuff between 50.7 and 52.9 m.) Cut by minor carbonate
			+ gypsum + quartz veinlets and irregular, zonal carbonate-chlorite alteration.
			-series of narrow quartz veinlets (63.8 - 63.9 m;)
			(67.3 - 67.5 m)
			-weak to strong zonal and pervasive silicification with up to 5% pyrite
			and minor to trace sphalerite and galena in later, cross-cutting quartz
			carbonate veinlets (65.3 - 66.1 m; 68.8 - 70.3 m)
70.3	72.0 m		Dacite Dyke
			Light, brownish-grey, hornblende-feldspar-porphyry has a very fine-grained,
			feldspar-rich groundmass with significant quartz. Random quartz-sulphide ±
			carbonate veinlets cut the dyke and have 4-7% pyrite as disseminations and
			veinlets plus minor sphalerite and galena.

TEXASGULF INC.	DRILL HOLE LOG	HOLE NO. MM-3	PAGE NO. 3

DEPTH FROM	DEPTH TO	REC'Y	DESCRIPTION
72.0	124.4		Andesitic Lapilli-Crystal Tuff to Crystal Tuff
			Medium greenish-grey with subangular, andesitic fragments in a similar matrix.
			Alteration of matrix to carbonate-chlorite-sericite is prevalent. Random
			quartz and quartz-carbonate veinlets cut the tuff as well as variable, zonal
			to pervasive quartz-pyrite alteration. Below 75.0 m carbonate veinlets
			dominate.
			Becomes a crystal tuff below 102.5 m with bedding at 35° - 40° to core axis.
			END OF HOLE 124.4 m.

Rev Jim Clark

TEXASGULF INC.
DRILL HOLE LOG

PROPERTY: MOOSE		HOLE NO. MM-6
LOCATION (grid)		CLAIM:
LOCATION (survey)		SECTION:
AZIM: ELEV: DIP:		LOGGED BY: G.N. Cooper
DEPTH: 121.9 m CORE SIZE:		DATE LOGGED: June 15, 1981
STARTED:		DRILLING CO.:
COMPLETED:		
CORE RECOVERY:		

DIP TEST

DEPTH	AZIM	DIP

DEPTH (m) FROM	TO	REC'Y	DESCRIPTION
0	37.6		Overburden
37.6	121.9		Andesitic Crystal Tuff
			Medium-grained plagioclase and minor fine-grained hornblende crystal fragments
			are set in a fine-grained, intermediate matrix. Bedding features are generally
			absent and lithological changes are very gradational and difficult to discern.
			-rare lithic fragments are present.
			-crystal and matrix alteration is weak to moderate with common alteration of:
			feldspars - epidote and/or sericite
			hornblende - chlorite
			-silicification is patchy, sporadic and very minor is its extent.
			-carbonate veinlets are minor but most common below 70 m.
			-pervasive, disseminated pyrite is ubiquitous in amounts generally less than 0.5%;
			local concentrations of up to 5% pyrite are uncommon.
			-minor traces galena and/or sphalerite (± pyrite) occur sporadically below
			70 m along minor fractures.
		George Cooper	END OF HOLE 121.9 m

APPENDIX D

GEOCHEMICAL RESULTS

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, Zn 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: MOOSE HOLE No.: MM-1

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.
1-81-01	8.5	9.1	110		65		52		0.2		10	
02	9.1	9.6	85		12		14		0.2		5	
03	9.6	10.6	80		3		28		0.2		5	
04	10.6	11.6	80		2		54		0.2		10	
05	11.6	12.6	130		4		108		0.2		10	
06	12.6	13.6	110		5		62		0.2		5	
07	13.6	14.6	120		10		92		0.2		15	
08	14.6	15.6	115		14		80		0.2		5	
09	15.6	16.6	125		14		104		0.2		5	
1-81-10	16.6	17.6	147		8		112		0.2		5	
11	17.6	18.6	250		16		128		0.2		5	
12	18.6	19.6	225		8		130		0.2		5	
13	19.6	20.6	200		11		50		0.3		5	
14	20.6	21.6	140		11		134		0.2		10	
15	21.6	22.9	95		11		75		0.2		10	
16	22.9	23.9	105		10		54		0.3		15	
17	23.9	25.0	110		7		154		0.2		10	
18	25.0	26.0	105		6		130		0.2		10	
19	26.0	27.0	75		5		60		0.2		65	
1-81-20	27.0	28.0	60		2		24		0.2		60	
21	28.0	29.0	78		4		70		0.2		10	
22	29.0	30.0	62		N.D.		38		0.3		10	
23	30.0	31.5	65		N.D.		47		0.3		20	
24	31.5	32.0	78		3		220		0.3		15	
25	32.0	33.0	80		4		55		0.3		5	
26	33.0	34.0	65		4		62		0.2		5	
27	34.0	35.0	80		6		53		0.2		5	
28	35.0	36.0	85		8		60		0.2		5	
29	36.0	37.0	83		5		63		0.2		N.D.	
1-81-30	37.0	38.2	95		7		93		0.2		10	
42776	38.2	38.6	105		12		56		0.3		5	
777	38.6	40.0	95		7		70		0.2		5	
778	40.0	41.0	80		8		32		0.3		5	
779	41.0	42.0	80		5		74		0.8		15	
42780	42.0	43.0	104		15		54		0.2		10	

PROPERTY: MOOSE HOLE No.: MM-1 PAGE 2 of 4

LATITUDE: ______ AZIMUTH: ______ INCLINATION: ____ / ____ at ____

LONGITUDE: ______ DIP: ______ INCLINATION: ____ / ____ at ____

ELEVATION: ______ INCLINATION: ____ / ____ at ____

SAMPLE No.	METRES FROM	METRES TO	Zn ppm	Zn AVG.	Pb ppm	Pb AVG.	Cu ppm	Cu AVG.	Ag ppm	Ag AVG.	Au ppb	Au AVG.
42781	43.0	44.0	90		12		35		0.2		5	
82	44.0	45.0	104		13		37		0.2		10	
83	45.0	46.0	90		10		59		0.2		10	
84	46.0	47.0	108		10		43		0.2		25	
85	47.0	48.0	105		15		37		0.2		5	
86	48.0	48.5	115		15		96		0.2		20	
87	48.5	49.0	123		4		30		0.2		10	
88	49.0	49.5	117		5		21		0.2		20	
89	49.5	50.0	200		4		25		0.2		15	
42790	50.0	50.5	148		6		82		0.3		60	
91	50.5	51.0	86		3		16		0.2		150	
92	51.0	51.5	88		4		10		0.3		265	
93	51.5	52.3	85		8		16		0.3		275	
94	52.3	54.1	107		7		20		0.2		100	
96	54.1	55.0	100		5		35		0.2		65	
97	55.0	55.9	106		4		22		0.2		10	
98	55.9	56.9	76		2		52		0.2		ND	
99	56.9	57.9	66		4		60		0.2		5	
42800	57.9	58.9	64		4		74		0.2		10	
01	58.9	59.9	56		8		68		0.2		5	
02	59.9	60.9	50		5		80		0.2		5	
03	60.9	61.9	58		4		50		0.2		ND	
04	61.9	63.2	65		6		23		0.2		ND	
05	63.2	64.2	76		6		54		0.2		15	
06	64.2	65.2	76		6		48		0.2		25	
07	65.2	66.2	77		8		60		0.2		20	
08	66.2	67.2	60		5		25		0.2		ND	
09	67.2	68.2	68		5		72		0.2		10	
42810	68.2	69.4	65		4		80		0.2		25	
11	69.4	70.4	188		4		16		0.2		15	
12	70.4	71.4	167		5		20		0.2		40	
13	71.4	72.4	129		7		10		0.2		20	
14	72.4	73.4	83		4		20		0.2		50	
42815	73.4	74.4	62		5		54		0.2		160	

PROPERTY: MOOSE   HOLE No.: MM-1

LATITUDE: ________   AZIMUTH: ________   INCLINATION: ____ / ____ at ____

LONGITUDE: ________   DIP: ________   INCLINATION: ____ / ____ at ____

ELEVATION: ________   INCLINATION: ____ / ____ at ____

SAMPLE No.	METRES FROM	METRES TO	Zn ppm	Zn AVG.	Pb ppm	Pb AVG.	Cu ppm	Cu AVG.	Ag ppm	Ag AVG.	Au ppb	Au AVG.
42816	74.4	75.4	70		4		23		0.2		60	
17	75.4	76.4	82		3		7		0.2		30	
18	76.4	77.4	110		4		4		0.6		120	
19	77.4	78.4	120		2		8		0.8		285	
20	78.4	79.4	113		5		20		1.0		430	
21	79.4	80.4	199		2		10		0.9		385	
22	80.4	81.4	145		4		10		0.3		70	
23	81.4	82.4	164		5		22		0.2		50	
24	82.4	83.4	117		6		118		0.3		45	
42825	83.4	84.4	109		7		10		0.3		20	
1-81-81	84.4	85.4	177		48		17		0.2		30	
82	85.4	86.4	292		20		20		0.2		30	
83	86.4	87.4	685		7		15		0.4		40	
84	87.4	88.4	1000		10		28		0.3		80	
85	88.4	89.4	590		6		13		0.3		45	
86	89.4	90.4	790		5		14		0.2		40	
87	90.4	91.4	281		6		40		0.2		45	
88	91.4	92.4	285		5		33		0.3		45	
89	92.4	93.4	420		19		144		0.6		155	
1-81-90	93.4	94.4	470		2		29		0.2		75	
91	94.4	95.4	500		7		82		0.4		50	
92	95.4	96.6	740		7		150		0.4		195	
93	96.6	97.6	108		11		26		0.2		40	
94	97.6	98.6	93		5		27		0.2		5	
95	98.6	99.6	79		5		40		0.2		15	
96	99.6	100.6	108		3		26		0.2		ND	
97	100.6	101.6	204		2		33		0.2		5	
98	101.6	102.6	138		2		57		0.2		20	
99	102.6	103.6	97		10		18		0.2		15	
-81-100	103.6	104.6	230		5		22		0.2		20	
101	104.6	105.6	610		6		10		0.2		20	
102	105.6	106.6	410		4		12		0.2		15	
103	106.6	107.6	410		4		20		0.2		5	
104	107.6	108.6	180		4		23		0.2		10	
-81-105	108.6	109.6	206		4		28		0.2		5	

PROPERTY: MOOSE HOLE No.: MM-1 PAGE 4 of 4

LATITUDE: AZIMUTH: INCLINATION: / at

LONGITUDE: DIP: INCLINATION: / at

ELEVATION: INCLINATION: / at

SAMPLE No.	METRES FROM	METRES TO	Zn ppm	Zn AVG.	Pb ppm	Pb AVG.	Cu ppm	Cu AVG.	Ag ppm	Ag AVG.	Au ppb	Au AVG.
-81-106	109.6	110.6	293		2		43		0.3		80	
107	110.6	111.6	259		4		47		0.9		885	
108	111.6	112.6	79		4		52		0.2		270	
109	112.6	113.6	110		2		52		0.2		970	
-81-110	113.6	114.6	115		ND		34		0.2		255	
111	114.6	115.6	95		ND		79		0.2		295	
112	115.6	116.6	90		ND		800		0.7		1560	
113	116.6	117.6	85		2		320		0.5		1470	
114	117.6	118.6	295		46		710		0.8		4210	
115	118.6	119.4	94		3		250		0.4		3940	
116	119.4	120.4	63		2		120		0.2		275	
117	120.4	121.4	61		2		15		0.2		20	
118	121.4	122.4	58		5		38		0.8		90	
119	122.4	123.4	61		3		39		0.2		15	
-81-120	123.4	124.2	62		2		20		0.2		10	
121	124.2	125.2	207		14		67		0.7		25	
122	125.2	126.2	69		6		114		0.2		45	
123	126.2	127.2	45		2		38		0.2		5	
124	127.2	128.2	52		3		18		0.2		ND	
125	128.2	129.2	53		4		64		0.2		10	
126	129.2	130.2	48		3		16		0.2		ND	
127	130.2	131.2	55		4		84		0.2		15	
128	131.2	132.1	51		4		100		0.2		25	
129	132.1	132.2	63		3		85		0.2		15	
-81-130	132.2	133.6	40		3		132		0.2		25	

PROPERTY: MOOSE HOLE No.: MM-2 PAGE 1 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.
2-81-01	18.0	19.0	360		30		25		0.3		55	
02	19.0	20.0	760		206		77		0.3		40	
03	20.0	21.0	380		43		97		0.3		50	
04	21.0	22.0	242		25		127		0.8		40	
05	22.0	22.7	245		24		120		0.8		15	
06	22.7	23.3	235		108		112		2.0		35	
07	23.3	24.3	280		16		50		0.5		45	
08	24.3	25.3	270		24		122		0.7		15	
09	25.3	26.3	330		67		84		0.9		20	
2-81-10	26.3	27.3	500		21		57		0.3		10	
11	27.3	28.3	400		53		138		0.5		10	
12	28.3	29.3	420		67		200		0.6		10	
13	29.3	30.3	500		41		74		0.2		10	
14	30.3	31.3	640		143		70		0.3		10	
15	31.3	32.3	1160		40		124		0.2		10	
16	32.3	33.3	860		22		85		0.2		10	
17	33.3	33.8	590		17		86		0.2		15	
18	33.8	34.3	760		244		178		7.6		80	
19	34.3	35.3	500		85		138		0.7		10	
2-81-20	35.3	36.8	260		24		105		0.5		50	
21	36.8	38.1	540		12		56		1.2		65	
22	38.1	39.2	285		34		96		0.7		45	
23	39.2	39.8	500		60		98		0.6		65	
24	39.8	40.8	600		70		78		0.5		75	
25	40.8	41.8	670		46		62		1.4		55	
26	41.8	42.8	920		420		310		3.8		745	
27	42.8	43.8	1440		135		550		5.0		425	
28	43.8	44.3	580		96		180		1.4		145	
29	44.3	45.1	600		135		300		4.2		245	
2-81-30	45.1	46.1	230		79		104		1.8		100	
31	46.1	47.3	350		256		190		1.6		75	
32	47.3	48.8	680		374		104		1.6		90	
33	48.8	49.5	940		91		50		1.5		30	
34	49.5	50.5	1300		238		153		2.6		175	
2-81-35	50.5	51.5	800		246		180		3.7		195	

PROPERTY: MOOSE HOLE No.: MM-2

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.
2-81-36	51.5	52.5	1220		314		260		3.2		260	
37	52.5	53.2	2500		910		520		3.4		345	
38	53.2	54.2	850		155		1060		3.8		1130	
39	54.2	55.2	1320		480		1160		4.9		1340	
2-81-40	55.2	55.6	740		58		830		2.5		555	
41	55.6	56.6	660		200		480		3.8		415	
42	56.6	57.6	260		42		300		0.8		230	
43	57.6	58.6	1400		272		370		1.7		250	
44	58.6	59.6	1050		308		450		1.5		395	
45	59.6	60.6	370		85		1100		4.3		805	
46	60.6	61.6	2500		480		1780		6.7		3140	
47	61.6	62.6	285		63		1790		7.3		1380	
48	62.6	63.6	130		9		1720		4.5		1270	
49	63.6	64.6	240		27		1500		3.6		1570	
2-81-50	64.6	65.6	3000		1200		2100		7.2		1950	
51	65.6	66.6	510		66		1550		3.2		810	
52	66.6	67.6	1720		214		950		2.8		1280	
53	67.6	68.6	1460		460		1300		3.2		620	
54	68.6	69.6	1050		400		1820		3.4		1100	
55	69.6	70.6	300		52		1300		1.9		1400	
56	70.6	71.6	222		69		820		1.6		1340	
57	71.6	72.7	410		246		780		1.3		875	
58	72.7	73.7	330		100		330		0.8		615	
59	73.7	74.7	235		20		300		1.0		1420	
2-81-60	74.7	75.7	205		20		200		0.9		765	
61	75.7	76.7	730		102		600		3.8		250	
62	76.7	77.2	420		91		192		3.7		175	
63	77.2	78.2	3500		995		168		5.4		225	
64	78.2	79.2	250		44		310		0.5		150	
65	79.2	80.2	240		83		250		0.6		450	
66	80.2	81.2	285		98		138		0.5		880	
67	81.2	82.2	160		37		98		0.3		300	
68	82.2	82.9	125		4		30		0.3		375	
69	82.9	83.7	640		94		195		2.5		295	
2-81-70	83.7	84.3	800		61		660		4.0		475	

PROPERTY: MOOSE HOLE No.: MM-2

LATITUDE: ______ AZIMUTH: ______ INCLINATION: ____ / ____ at ____

LONGITUDE: ______ DIP: ______ INCLINATION: ____ / ____ at ____

ELEVATION: ______ INCLINATION: ____ / ____ at ____

SAMPLE No.	METRES FROM	METRES TO	Zn ppm	Zn AVG.	Pb ppm	Pb AVG.	Cu ppm	Cu AVG.	Ag ppm	Ag AVG.	Au ppb	Au AVG.
2-81-71	84.3	85.3	840		10		620		1.0		305	
72	85.3	86.0	760		104		500		6.2		255	
73	86.0	87.0	460		104		460		1.4		820	
74	87.0	88.0	1000		159		950		2.4		860	
75	88.0	89.0	620		135		950		2.4		1220	
76	89.0	90.1	560		92		840		2.7		710	
77	90.1	91.2	1220		49		760		3.5		1800	
78	91.2	92.3	640		25		640		1.3		1360	
79	92.3	92.7	325		24		770		2.2		2840	
2-81-80	92.7	93.7	270		51		1460		5.0		4930	
81	93.7	94.7	400		31		810		1.8		1590	
82	94.7	95.7	3900		780		560		2.2		575	
83	95.7	96.7	3000		358		780		3.2		1330	
84	96.7	97.7	670		20		1050		3.0		2270	
85	97.7	98.7	1300		17		1150		3.4		3500	
86	98.7	99.6	1520		13		860		3.4		1440	
87	99.6	100.0	1200		76		800		2.2		955	
88	100.0	101.0	540		73		800		2.3		1190	
89	101.0	101.5	1900		222		800		3.4		1160	
2-81-90	101.5	102.3	700		30		650		1.7		920	
91	102.3	102.8	2500		125		1300		4.3		2620	
92	102.8	103.1	2500		55		1100		4.0		2490	
93	103.1	103.4	240		16		2100		6.5		4720	
94	103.4	103.9	1200		72		1500		4.6		2970	
95	103.9	104.8	1570		150		1260		4.5		3070	
96	104.8	105.5	1600		68		1020		3.2		2290	
97	105.5	106.5	1000		144		960		2.9		2390	
98	106.5	107.5	760		38		840		2.3		1740	
99	107.5	108.5	1800		7		210		0.9		345	
2-81-100	108.5	109.5	1700		45		400		1.3		355	
101	109.5	110.5	1550		77		640		1.6		365	
42751	110.5	111.5	600		160		700		1.9		580	
42752	111.5	112.3	1900		480		210		1.4		215	
42753	112.3	113.0	3000		267		210		2.4		245	
42754	113.0	113.6	2500		24		160		3.2		210	

PROPERTY: MOOSE HOLE No.: MM-2

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.
42755	113.6	114.6	1290		3		194		3.8		205	
56	114.6	115.6	1350		7		160		2.9		200	
57	115.6	116.3	680		6		250		1.1		265	
58	116.3	117.2	1600		93		310		1.8		240	
59	117.2	118.2	4000		313		200		1.2		165	
42760	118.2	119.0	1760		17		172		0.3			
61	119.0	120.0	930		6		133		0.2			
62	120.0	121.0	1990		134		184		0.8			
63	121.0	122.0	610		102		260		1.2			
64	122.0	123.0	415		65		230		1.7			
65	123.0	124.0	1200		67		150		0.9			
66	124.0	125.0	2000		280		190		0.6			
42767	125.0	125.7	1080		200		300		1.0			

PROPERTY: MOOSE HOLE No.: MM-3

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.
41074	3.1	4.1	66		ND		1		0.4		ND	
5	4.1	5.1	43		4		1		0.4		ND	
6	5.1	6.1	49		2		1		0.5		ND	
7	6.1	7.1	54		2		1		0.2		ND	
8	7.1	8.1	55		ND		1		0.3		ND	
9	8.1	9.1	54		ND		1		0.3		ND	
41080	9.1	10.1	51		ND		1		0.3		ND	
1	10.1	11.1	64		ND		1		0.3		ND	
2	11.1	12.1	63		2		1		0.1		ND	
3	12.1	13.1	76		ND		1		0.3		ND	
4	13.1	14.1	103		7		2		0.7		ND	
5	14.1	15.1	107		3		1		0.3		ND	
6	15.1	16.1	129		6		1		0.6		ND	
7	16.1	17.1	98		4		7		0.2		ND	
8	17.1	18.1	79		5		2		0.2		ND	
9	18.1	19.1	84		ND		1		0.5		ND	
41090	19.1	20.1	81		ND		1		0.5		ND	
1	20.1	21.1	85		3		2		0.8		ND	
2	21.1	22.1	74		2		2		0.7		ND	
3	22.1	23.1	75		ND		2		0.3		ND	
4	23.1	24.1	84		ND		1		0.2		ND	
5	24.1	25.1	94		ND		2		0.3		ND	
6	25.1	26.1	76		2		2		0.7		ND	
7	26.1	27.1	95		ND		2		0.6		ND	
8	27.1	28.1	83		ND		1		0.5		ND	
9	28.1	29.1	87		2		2		0.6		ND	
41100	29.1	30.1	99		ND		1		0.3		ND	
1	30.1	31.1	132		ND		2		0.4		ND	
2	31.1	32.1	163		ND		2		0.3		ND	
3	32.1	33.1	155		12		2		0.5		35	
4	33.1	34.1	158		3		1		0.3		ND	
5	34.1	35.1	162		2		ND		0.3		ND	
6	35.1	36.1	125		ND		1		0.3		ND	
7	36.1	37.5	141		ND		5		1.3		ND	
41108	37.5	38.5	112		ND		1		1.6		ND	

PROPERTY: MOOSE HOLE No.: MM 3 PAGE 2 of 4

LATITUDE: ______ AZIMUTH: ______ INCLINATION: ____/ ____ at ____

LONGITUDE: ______ DIP: ______ INCLINATION: ____/ ____ at ____

ELEVATION: ______ INCLINATION: ____/ ____ at ____

SAMPLE No.	METRES FROM	METRES TO	Zn ppm	Zn AVG.	Pb ppm	Pb AVG.	Cu ppm	Cu AVG.	Ag ppm	Ag AVG.	Au ppb	Au AVG.
41109	38.5	39.3	126		4		1		1.3		ND	
10	39.3	40.6	2740		1900		93		50.0	(181.4)	1220	
11	40.6	41.6	103		26		3		1.7		20	
12	41.6	42.6	100		21		2		1.6		20	
13	42.6	43.6	104		ND		1		0.5		ND	
14	43.6	44.6	95		ND		2		0.2		ND	
15	44.6	45.6	150		14		7		0.6		5	
16	45.6	46.6	251		36		3		0.5		ND	
17	46.6	47.6	152		14		2		0.3		10	
18	47.6	48.6	97		4		7		0.5		ND	
19	48.6	49.6	87		ND		6		0.6		10	
41120	49.6	50.6	75		ND		10		0.2		5	
1	50.6	51.6	83		ND		3		0.5		5	
2	51.6	52.6	92		ND		2		0.5		ND	
3	52.6	53.6	84		ND		3		0.2		10	
4	53.6	54.6	79		ND		2		0.9		50	
41125	54.6	55.6	88		ND		4		0.2		ND	
41301	55.6	56.6	85		ND		2		0.2		15	
2	56.6	57.6	103		ND		3		0.2		5	
3	57.6	58.6	114		8		6		1.0		5	
4	58.6	59.6	102		ND		2		0.2		ND	
5	59.6	61.0	112		ND		2		0.2		ND	
6	61.0	61.3	57		13		2		0.2		ND	
7	61.3	62.3	118		ND		12		0.2		ND	
8	62.3	63.3	134		ND		3		0.2		ND	
9	63.3	64.3	139		ND		9		0.2		ND	
41310	64.3	65.3	179		31		11		0.4		10	
11	65.3	66.1	580		142		24		3.6		210	
12	66.1	67.1	143		ND		22		0.2		5	
13	67.1	68.8	106		ND		5		0.2		ND	
14	68.8	69.8	120		18		19		0.4		ND	
15	69.8	70.3	127		46		5		8.9		85	
16	70.3	71.2	97		49		4		11.0		75	
17	71.2	72.0	52		28		3		2.8		25	
41318	72.0	73.0	38		3		1		0.3		ND	

PROPERTY: MOOSE HOLE No.: MM 3 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.
41319	73.0	74.0	30		7		2		0.2		ND	
20	74.0	75.0	29		2		1		0.2		ND	
21	75.0	76.0	38		2		1		0.3		ND	
22	76.0	77.0	30		4		1		0.2		ND	
23	77.0	78.0	35		5		2		0.3		ND	
24	78.0	79.0	65		4		2		0.2		ND	
25	79.0	80.0	33		9		1		0.2		5	
3-81-01	80.0	81.0	25		3		5		0.2		10	
02	81.0	82.0	60		14		4		0.8		10	
03	82.0	83.0	92		9		4		0.8		10	
04	83.0	84.0	72		7		5		0.7		5	
05	84.0	85.0	79		4		5		0.4		ND	
06	85.0	85.7	82		4		6		0.4		ND	
07	85.7	86.7	120		7		5		0.6		ND	
08	86.7	87.7	332		33		16		1.4		10	
09	87.7	88.7	72		16		7		1.0		ND	
3-81-10	88.7	89.7	180		18		5		0.4		140	
11	89.7	90.7	76		16		2		0.4		20	
12	90.7	91.7	198		16		4		0.7		ND	
13	9.1	92.4	85		12		2		0.4		10	
14	97.7	98.7	72		4		3		0.6		15	
15	98.7	99.7	85		3		2		0.2		ND	
16	99.7	100.7	69		2		2		0.2		ND	
17	100.7	101.7	58		6		2		0.2		ND	
18	101.7	102.7	44		3		2		0.3		ND	
19	102.7	103.7	64		2		2		0.2		ND	
3-81-20	103.7	104.7	47		ND		2		0.2		ND	
21	104.7	105.7	60		ND		4		0.3		5	
22	105.7	106.7	58		2		2		0.2		ND	
23	106.7	107.7	50		ND		2		0.2		ND	
24	107.7	108.7	42		6		2		0.2		ND	
25	108.7	109.7	62		ND		2		0.2		ND	
26	109.7	110.7	70		ND		2		0.4		ND	
3-81-27	110.7	111.7	80		ND		3		0.4		ND	

PROPERTY: MOOSE HOLE No.: MM 3

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.
3-81-28	111.7	112.7	70		2		2		0.3		ND	
29	112.7	113.7	70		ND		2		0.4		ND	
30	113.7	114.7	65		ND		2		0.3		ND	
3-81-31	114.7	115.8	62		4		3		0.4		ND	

PROPERTY: MOOSE HOLE No.: MM-6

LATITUDE: ______ AZIMUTH: ______ INCLINATION: ____/____ at ____

LONGITUDE: ______ DIP: ______ INCLINATION: ____/____ at ____

ELEVATION: ______ INCLINATION: ____/____ at ____

SAMPLE No.	METRES FROM	METRES TO	Zn ppm	Zn AVG.	Pb ppm	Pb AVG.	Cu ppm	Cu AVG.	Ag ppm	Ag AVG.	Au ppb	Au AVG.
31551	37.6	38.6	258		20		18		0.2		45	
52	38.6	39.6	435		24		14		0.4		100	
53	39.6	40.6	385		85		24		0.6		155	
54	40.6	41.6	455		124		15		0.9		130	
55	41.6	42.6	235		26		3		0.2		35	
56	42.6	43.6	254		8		44		0.2		5	
57	43.6	44.6	197		3		12		0.2		ND	
58	44.6	45.6	203		7		7		0.2		ND	
59	45.6	46.0	177		3		2		0.2		15	
31560	46.0	47.2	237		42		3		0.2		10	
61	47.2	47.9	277		66		7		0.6		160	
62	47.9	49.0	252		66		8		0.2		40	
63	49.0	50.0	247		23		9		0.6		80	
64	50.0	51.0	366		90		8		0.6		75	
65	51.0	52.0	372		119		8		0.5		55	
66	52.0	53.0	165		5		2		0.2		ND	
67	53.0	54.0	142		12		3		1.9		255	
68	54.0	55.0	172		14		7		0.6		35	
69	55.0	56.0	305		16		9		0.2		10	
31570	56.0	57.0	243		32		7		0.2		10	
71	57.0	58.0	148		3		1		0.2		ND	
72	58.0	59.0	154		2		2		0.2		ND	
73	59.0	60.0	144		3		6		0.2		ND	
74	60.0	61.0	145		3		3		0.2		ND	
31575	61.0	62.0	168		5		4		0.2		ND	
32301	62.0	63.0	142		3		9		0.2		ND	
02	63.0	64.0	152		3		15		0.2		ND	
03	64.0	65.0	141		8		7		0.2		5	
04	65.0	66.0	148		8		3		0.2		ND	
05	66.0	67.0	146		10		4		0.2		5	
06	67.0	68.0	128		11		5		0.2		5	
07	68.0	69.0	142		16		8		0.2		ND	
08	69.0	70.0	273		64		6		0.2		10	
09	70.0	71.0	234		28		4		0.2		5	
32310	71.0	72.0	198		10		3		0.2		10	

PROPERTY: MOOSE HOLE No.: MM-6

LATITUDE: ______ AZIMUTH: ______ INCLINATION: ____ / ____ at ____

LONGITUDE: ______ DIP: ______ INCLINATION: ____ / ____ at ____

ELEVATION: ______ INCLINATION: ____ / ____ at ____

SAMPLE No.	METRES FROM	METRES TO	Zn ppm	Zn AVG.	Pb ppm	Pb AVG.	Cu ppm	Cu AVG.	Ag ppm	Ag AVG.	Au ppb	Au AVG.
32311	72.0	73.0	266		37		4		0.2		5	
12	73.0	74.0	222		60		4		0.2		5	
13	74.0	75.0	135		15		5		0.6		20	
14	75.0	76.0	121		12		6		0.6		30	
15	76.0	77.0	148		30		4		0.3		10	
16	77.0	78.0	197		40		4		0.2		5	
17	78.0	79.0	226		58		4		0.2		5	
18	79.0	80.0	222		53		4		0.3		5	
19	80.0	81.0	167		15		4		0.4		15	
32320	81.0	82.0	272		35		10		1.3		140	
21	82.0	83.0	235		25		30		0.2		10	
22	83.0	84.0	236		14		16		0.2		15	
23	84.0	85.0	276		7		18		0.2		10	
24	85.0	86.0	366		32		17		0.2		10	
25	86.0	87.0	479		127		14		0.8		20	
26	87.0	88.0	439		55		17		0.4		5	
27	88.0	89.0	358		100		24		0.2		ND	
28	89.0	90.0	685		75		38		1.3		35	
29	90.0	91.0	670		177		15		1.6		50	
32330	91.0	92.0	450		150		12		3.1		60	
31	92.0	93.0	555		29		7		3.0		75	
32	93.0	94.0	244		70		19		3.0		45	
33	94.0	95.0	194		23		18		2.5		50	
34	95.0	95.5	425		52		11		0.7		15	
35	95.5	96.5	480		50		22		0.7		20	
36	96.5	97.0	820		46		6		0.8		30	
37	97.0	98.0	1020		68		10		0.6		10	
38	98.0	99.0	540		136		10		1.0		20	
39	99.0	100.0	400		120		16		0.9		15	
32340	100.0	101.0	154		28		12		0.7		25	
41	101.0	102.0	214		44		14		0.6		30	
42	102.0	103.0	266		68		11		0.3		15	
43	103.0	104.0	545		104		25		0.5		25	
44	104.0	105.0	153		12		24		0.3		5	
32345	105.0	106.0	655		183		22		0.7		5	

PROPERTY: MOOSE HOLE No.: MM-6

LATITUDE: AZIMUTH: INCLINATION: / at

LONGITUDE: DIP: INCLINATION: / at

ELEVATION: INCLINATION: / at

SAMPLE No.	METRES FROM	METRES TO	Zn ppm	Zn AVG.	Pb ppm	Pb AVG.	Cu ppm	Cu AVG.	Ag ppm	Ag AVG.	Au ppb	Au AVG.
34946	106.0	107.0	170		48		7		2.1		15	
47	107.0	108.0	319		80		7		1.8		15	
48	108.0	109.0	309		158		48		1.4		40	
49	109.0	110.0	341		35		8		5.1		120	
34950	110.0	111.0	610		130		17		0.6		20	
6-81-01	111.0	112.0	1300		84		54		0.9		25	
02	112.0	113.0	1400		100		42		0.7		20	
03	113.0	114.0	570		137		16		0.2		15	
04	114.0	115.0	990		68		21		0.6		15	
05	115.0	116.0	800		66		18		0.7		25	
06	116.0	117.0	490		174		14		1.2		30	
07	117.0	118.0	770		87		14		1.2		45	
08	118.0	119.0	345		100		8		1.0		25	
09	119.0	120.0	320		100		20		1.7		25	
10	120.0	121.0	180		82		28		2.4		15	
6-81-11	121.0	121.9	267		44		14		1.5		10	

Table of Rock Assays

Sample No.	Au (gm/tonne)	Ag (gm/tonne)	Cu%	Pb%	Zn%
18697	0.07	22.29	-	-	-
18698	<0.07	3.43	-	-	-
18699	<0.07	2.06	-	-	-
18700	<0.07	1.37	-	-	-
18701	0.07	1.71	<0.01	0.02	0.06
18702	<0.07	1.03	-	-	-
18703	<0.07	1.03	-	-	-
18704	<0.07	1.37	-	-	-
18705	<0.07	0.69	-	-	-
18706	0.10	7.20	0.02	0.15	0.18
18707	0.07	4.80	0.03	0.63	0.82
18708	0.07	5.49	0.03	0.40	1.09
18709	0.07	19.54	0.27	2.80	2.80
18710	0.14	11.66	0.03	1.76	2.85
18711	<0.07	340.46	<0.01	0.42	0.79
18712	0.17	313.72	0.02	7.00	1.95
18713	0.07	32.57	0.30	1.62	1.29
18714	0.07	18.52	0.01	1.00	1.99
18715	<0.07	79.89	0.01	0.28	0.57
18716	<0.07	2.74	<0.01	0.30	0.38
18717	0.10	4.11	0.04	0.40	0.21
18718	0.07	4.80	0.07	1.65	0.85
18719	<0.07	4.11	0.20	1.20	0.65

LEGEND

LOWER OR MIDDLE JURASSIC

5 — Basalt dykes

4 — Predominantly maroon tuffaceous agglomerate, occurs as lenses within Unit 2 and Unit 1

INTRUSIVES 3 — Hornblende-feldspar porphyry syenite? monzonite? probably coeval with Unit 2

2 — Hornblende-feldspar andesite, trachyte, dacite. Contains ubiquitous magnetite, locally maroon colored, may contain breccia lenses

1 — Green-grey feldspar-hornblende porphyry andesite to latite (?) locally variable quartz-eyes, fine grain magnetite, small breccia phases, silification

SYMBOLS

Strike and dip of bedding or lithology

Fault

Outcrop

Geological contact, defined, inferred

Trench

MINERAL OCCURRENCES

mag - magnetite
py - pyrite
cp - chalcopyrite
gn - galena
sp - sphalerite
Pb - lead mineralization
Zn - zinc "
F - float

☐ Assay Sample

Note: contours are in feet.

Note: Geology modified after T. Rodgers

Figure: 3

Texasgulf Inc.

MOOSE CLAIMS

GEOLOGY

NTS 94E/6E			PROJ 04
WORK BY	DRAWN BY	DATE	DRW'G NO.
H.R.S.	E.R.	DECEMBER 1980	

Scale in Metres 1:5,000 (100 0 100 200 300 400)