REPORT ON

DIAMOND DRILLING

by

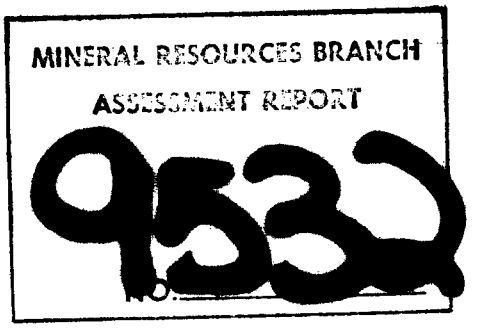
G.R. Peatfield, P.Eng.

on the

BOYA 1 and BOYA 2

MINERAL CLAIMS

(parts of the BOYA Property)



Situated west of Graveyard Lake
in the Liard Mining Division

59°15'N, 127°30'W
NTS 94M/3-6

owned by
TEXASGULF CANADA LTD.

work by
TEXASGULF INC.

Sept. 1981

Vancouver, B.C.

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INTRODUCTION

Location, Access and Terrain

The BOYA property is located immediately northeast of the confluence of the Kechika and Turnagain Rivers, in northeastern British Columbia (see Figure 1). The nearest supply and transportation centre is Watson Lake, Yukon, some 115 km to the northwest.

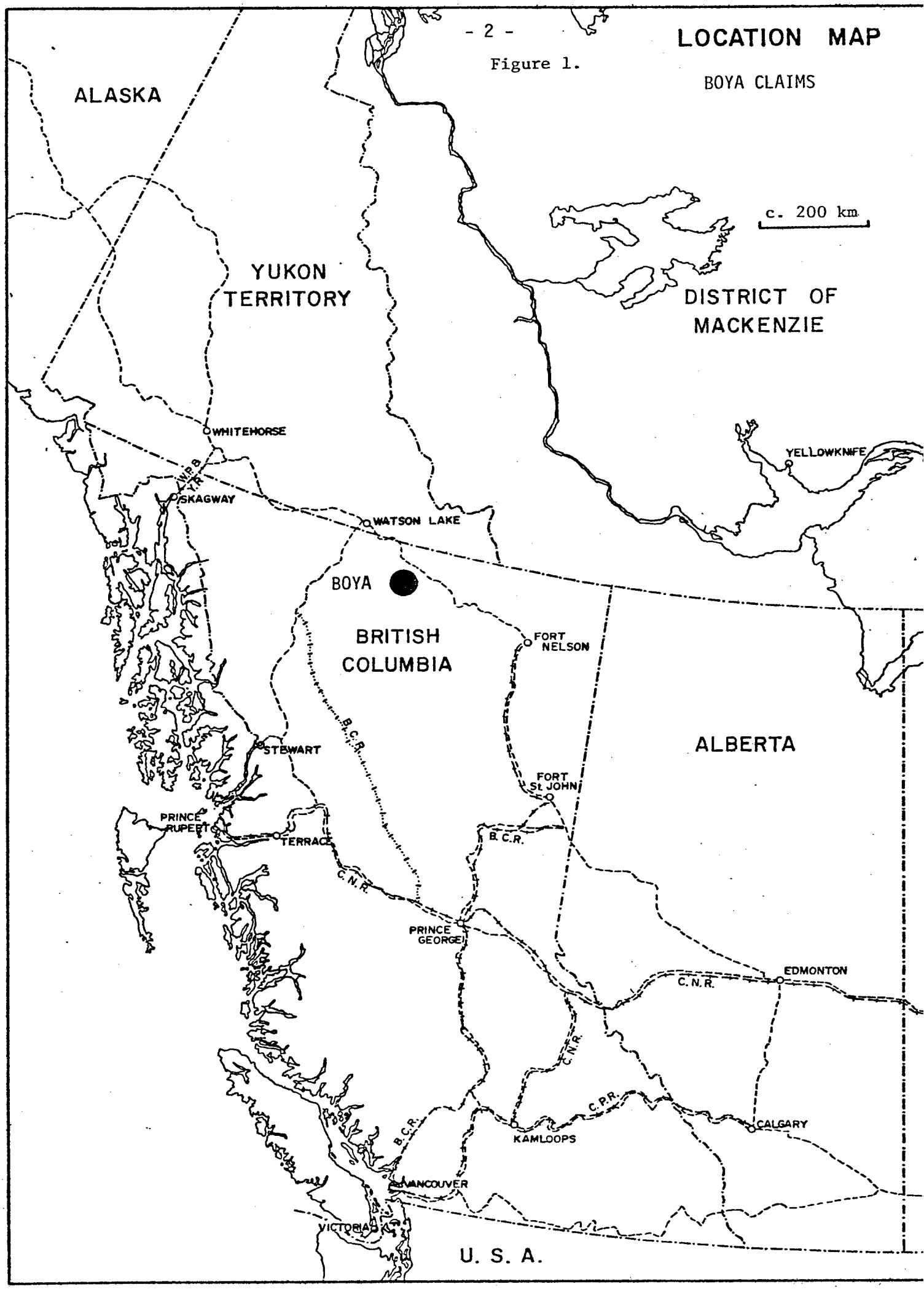
Access to the claims is presently by helicopter from various points on the Alaska Highway, the nearest being the settlement of Fireside, near the confluence of the Kechika and Liard Rivers some 50 km to the north-northeast. Fixed-wing aircraft can land at Graveyard Lake (see Figure 2), where the present base-camp is located. There is no road access to the area.

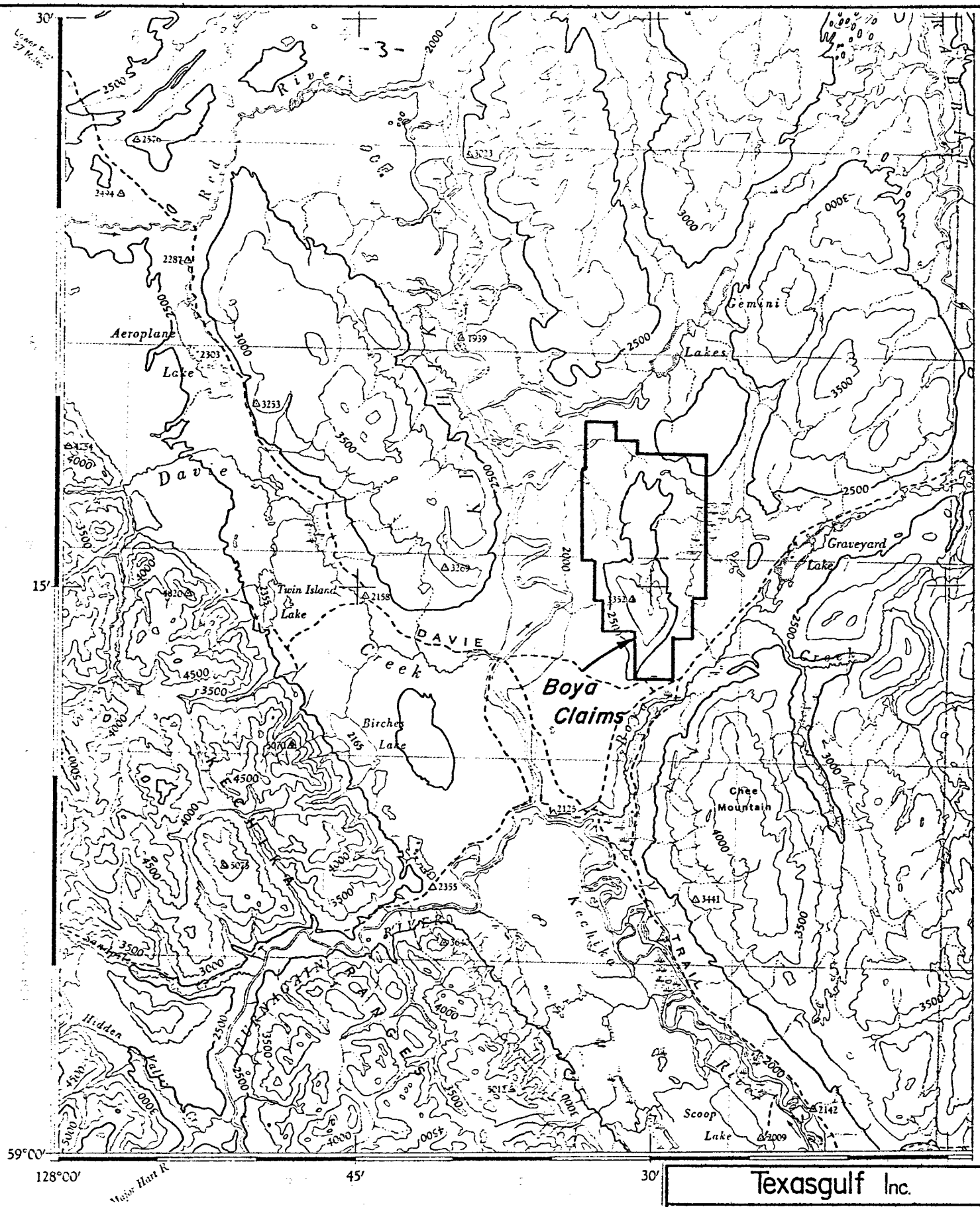
The claims are located in the extreme southwestern corner of the Liard Plain and cover a small hill rising some 300 m above a surrounding gravel-covered area. The maximum elevation on the hill is approximately 1050 m. Local relief is abrupt, especially along the eastern side of the hill (the 'Main Face' area), but the surface is subdued in areas of extensive overburden. Forest cover is nearly complete, commonly comprising dense second growth, in large burned areas, which makes foot travel difficult. Open grass-covered slopes are found on the southern and southeastern portions of the hill. Water on the property is scarce, but abundant supplies are available within a few kilometres.

Property History and Definition

The first BOYA claims were located in June 1977, with additional staking during 1978 and 1979. Work on the property has been completed by Texasgulf Inc., on behalf of its wholly owned subsidiary, Texasgulf Canada Ltd., the registered owner of the claims. Investigations undertaken to date have been previously reported on (Peatfield, et al, 1978; Peatfield, 1979a, 1979b, 1980a, 1980b, 1980c, 1981).

Figure 1.


LOCATION MAP
BOYA CLAIMS
ALASKA
YUKON TERRITORY
DISTRICT OF MACKENZIE
c. 200 km
WHITEHORSE
W.P.&Y.R.
SKAGWAY
WATSON LAKE
YELLOWKNIFE
BOYA
BRITISH COLUMBIA
FORT NELSON
B.C.R.
STEWART
ALBERTA
FORT St. JOHN
PRINCE RUPERT
TERRACE
B.C.R.
C.N.R.
PRINCE GEORGE
EDMONTON
C.N.R.
C.N.R.
C.P.R.
CALGARY
KAMLOOPS
B.C.R.
VANCOUVER
VICTORIA
U. S. A.



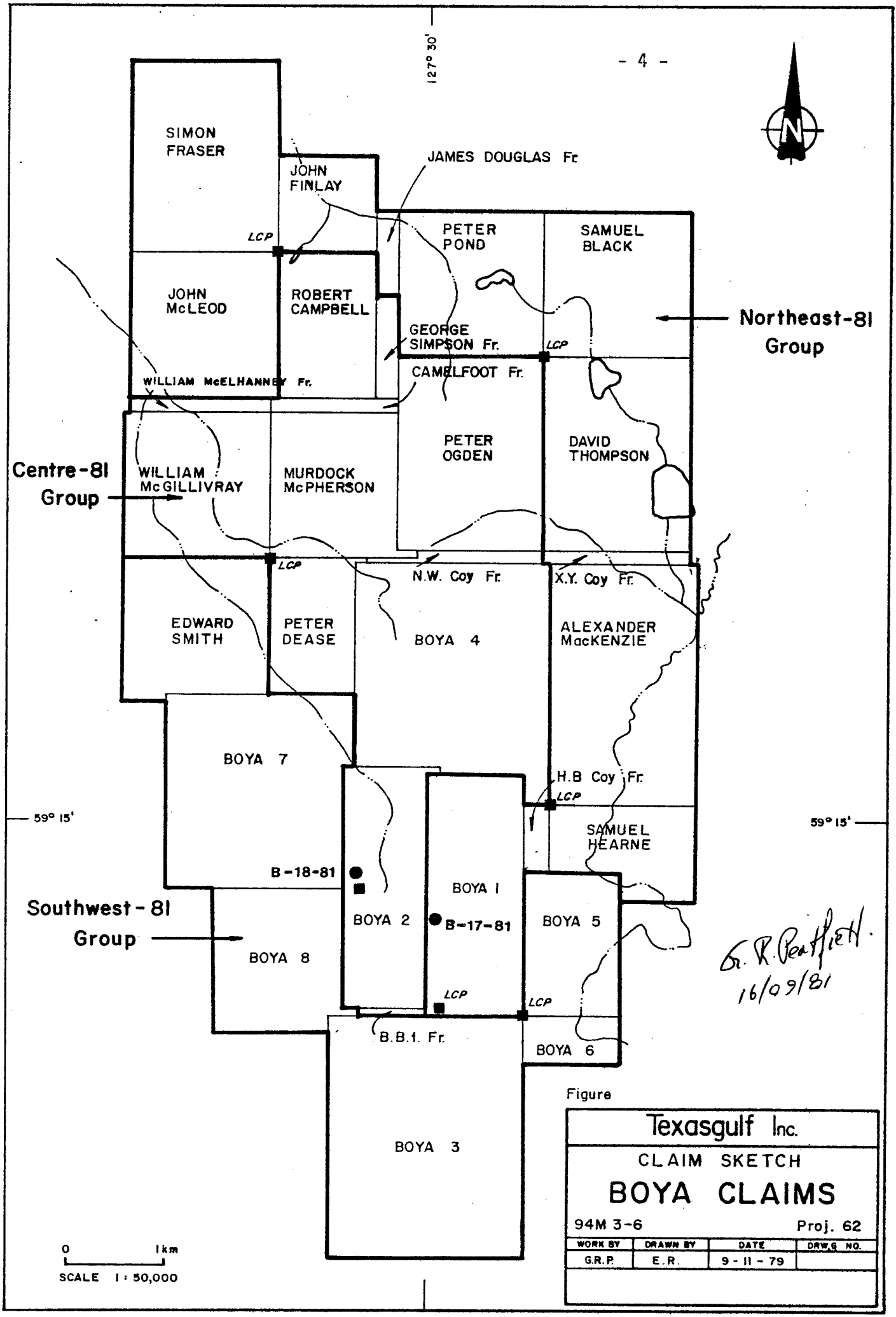
Map Sheet 94 M - "Rabbit River"

Texasgulf Inc.

Figure 2
Detailed Location Map
BOYA CLAIMS

WORK BY	DRAWN BY	DATE	DRW.G NO.

2500 0 2500 5000 7500 10,000
Scale in Metres



G. R. Beatfield
16/09/81

Figure

Texasgulf Inc.			
CLAIM SKETCH			
BOYA CLAIMS			
94M 3-6			Proj. 62
WORK BY	DRAWN BY	DATE	DRW.G NO.
G.R.P.	E.R.	9 - 11 - 79	

During the 1979 field season, the property was expanded to its present size of 22 MGS claims and eight fractional claims, totalling 228 units (see Figure 3).

Summary of Work Completed

Diamond drilling

During the period May 1 to June 30, 1981, two BQ diamond drill holes, totalling 1374.0 m, were completed on the BOYA property. Cores were analysed geochemically for Mo, W and Cu.

Work distribution

The work described in this report was restricted to the BOYA 1 and BOYA 2 mineral claims. (see Figure 3).

GEOLOGY

The geology of the property has been described in a previously submitted assessment work report (Peatfield, 1979a). A geology map of the relevant portions of the property, showing drill hole locations, is included with this report (Figure 4).

DIAMOND DRILLING

This report concerns the results of a diamond drilling programme undertaken during 1981 on the BOYA property. Two BQ holes are considered (see Figures 3 and 4), as follows:

B-17-81	on BOYA 1	586.1 m
B-18-81	on BOYA 2	787.9 m

Summary logs for these holes are included as Appendix A, and geochemical values are tabulated in Appendix B. The core is stored on the property.

Both holes were drilled to test a large volume of altered, skarned rock lying between two areas previously drill tested and found to contain weak molybdenum-tungsten mineralization. Surface exposures near both collars show some evidence of skarn formation and alteration but very little mineralization.

The results shown in the logs and summaries of analyses indicate that the holes intersected skarns with local weak alteration and veining, but no significant mineralization. This drilling suggests that tungsten-molybdenum mineralization encountered in previous drilling is not continuous between the two previously defined areas.

G. R. Peatfield

G.R. Peatfield, P.Eng.

16/09/81

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APPENDIX A

Summary Drill Logs

TEXASGULF INC.
DRILL HOLE LOG

PROPERTY:	BOYA
LOCATION (grid)	see map
LOCATION (survey)	
AZIM: -	ELEV: DIP: -90°
DEPTH: 586.1m	CORE SIZE: NQ
STARTED:	May 10, 1981
COMPLETED:	May 27, 1981
CORE RECOVERY:	very good

HOLE NO. B-17-81

CLAIM:	BOYA 1
SECTION:	
LOGGED BY:	E.P. Moreton, R.E. Meyers
DATE LOGGED:	May 12-June 6/81
DRILLING CO.:	Longyear Canada Ltd.

DIP TEST

DEPTH	AZIM	DIP
301.8 m	320°	-85.5°
583.1 m	002°	-81°

DEPTH metres FROM	TO	REC'Y	DESCRIPTION
0	3.8m	28%	Overburden, cased.
3.8	27.5	100%	Limestone, massive grey, medium to coarse grained, well-fractured with strong, irregular sparry calcite veining. Minor thin interlayers shale and "porcellanite" (fine grained, siliceous calc-silicate hornfels), local brecciation of interlayered beds. Minor olive green -grey phyllitic metasiltstone bands with moderate fracturing and minor disseminations and veinlets of pyrite. Core angles at 50°-70° to core axis.
27.5	31.9	95-100%	Interbedded biotite hornfels, porcellanite and marble. Fine-medium grained dark brown biotite hornfels, weakly foliated with abundant quartz clasts ($\simeq$1.0 mm). Fine fractures and quartz-epidote $\pm$ pyrite veinlets have grey-green sericitic alteration selvages. Minor porcellanite sections are well-fractured with up to 5% disseminated and veinlet pyrite and pyrrhotite. Narrow sections of grey and white impure marble are highly deformed.
31.9	42.5	94-100%	Quartzitic biotite hornfels with interbeds of grey-green metasiltstone. Grey-green sericitic alteration, commonly associated with strong fracturing throughout. Calcite $\pm$ py veining and minor disseminated pyrite common, with sericite and traces of pyrrhotite. Banding at 30° to C.A.
42.5	48.0	90-100%	Impure, medium grained brownish marble interbedded with metasiltstone. Greenish chloritic alteration in marble and metasiltstone. Moderate calcite veining associated with moderate to strong fracturing. Rare stylolytes occur.

TEXASGULF INC.	DRILL HOLE LOG	HOLE NO. B-17-81	PAGE NO. 2

DEPTH FROM	DEPTH TO	REC'Y	DESCRIPTION
48.0	54.5m	100%	Interbedded marble (80%) and biotite hornfels siltstone (20%). Impure grey-green and brown marble continues with minor lenses of siltstone, moderate calcitic fracture fillings. Local strongly developed minor folding and brecciation common.
54.5	62.2	100%	Quartzitic biotite hornfels. Coarse quartz clasts common in fine-medium grained dark brown to green matrix, becomes sandy with abundant quartz-carbonate veins, parallel to C.A. Minor local sphalerite and galena in some veins. Quartzite grades in and out of fine grained silty layers.
62.2	62.8	100%	Greyish-brown fine grained andesitic tuff(?) weakly feldspar "porphyritic".
62.8	64.6	100%	Quartzitic biotite hornfels, somewhat arkosic.
64.6	66.5	100%	Tuffaceous rock (andesitic?), fine grained brownish-green fragmental rock, with fragments up to 2 mm.
66.5	66.8	100%	Massive quartz-carbonate veining with wall-rock breccia and $\simeq$ 2% disseminated py.
66.8	69.9	100%	Quartzitic hornfels, fine grained light-dark green, minor pyrite and pyrrhotite with minor metasiltstone.
69.9	71.8	95-100%	Fine-medium grained metasiltstone, local strong random fracturing and brecciation, sericitic alteration and associated disseminated sulphides (pyrite, pyrrhotite).
71.8	73.3	100%	Massive sulphides-80% po, 20% py as cross-cutting (?) "vein". Minor wispy chalcopyrite and traces of scheelite are associated.
73.3	79.5	100%	Quartz-feldspar porphyry (?), weakly chloritic, light to dark grey matrix. Minor sulphide-carbonate veins (po, py $\pm$ ankerite) with sericite-chlorite alteration selvages.
79.5	111.0	100%	Quartzitic biotite hornfels with minor siltstone interbeds. Irregular bleached sericitic alteration with minor quartz-carbonate veining. Increased feldspar content indicates it is a somewhat arkosic rock. There are up to 30% large (0.5-1.0 cm) sub-angular quartz clasts in a fine-medium grained quartzitic matrix. Biotite hornfelsed rock is moderately to strongly fractured with sericite $\pm$ chlorite hy drothermal alteration commonly associated.

TEXASGULF INC.	DRILL HOLE LOG	HOLE NO. B-17-81	PAGE NO. 3

DEPTH FROM	DEPTH TO	REC'Y	DESCRIPTION
79.5	111.0-cont'd		Siltstone interbeds vary in thickness from a few cm to 0.8 m, locally display strong distortion and fracturing with olive green chlorite alteration. Quartz-pyrite ± pyrrhotite veining is present at approx 20°-45° to C.A. Carbonate veining increases near bottom of section.
111.0	117.7	84-100%	Calcareous quartzite (biotite hornfels), fine-medium grained with matrix increasing in calcareous content, light green sericitic alteration associated with fractures, minor sulphides include pyrite and pyrrhotite.
117.7	118.1	100%	Dark green to black chloritic schist. Contact at 37° to C.A.
118.1	119.0	100%	Spherulitic calcareous quartzite (15-25% spherulites with light green sericitic alteration halos).
119.0	119.6	100%	Dark brown biotite hornfels, irregular light green bands at 20° to C.A., minor py in fractures.
119.6	147.4	93-100%	Non-calcareous impure quartzite interbedded with chloritic metasiltstone and minor chloritic schist (123.0-123.8 m). Quartzitic biotite hornfels homogeneous with local zones of moderate to intense random fracturing and assoc. sericitic alteration. Later quartz veins lack sericite selvages and are at approx 30° to C.A. Sections of the biotite hornfels grade from predominantly medium to coarse grained quartzite through less prominent sandy silty and shaly layers. Fine grained disseminated pyrite, minor pyrrhotite common throughout (locally) and associated with pyritic veinlets.
147.4	148.3	93-100%	Massive coarse grained py, minor po with abundant hornfels fragments.
148.3	280.4	100%	Quartzitic biotite hornfels interbedded with sandy, silty and shaly sections. Local fractured and brecciated sections. Irregular and variable sericitic hydrothermal alteration associated with fractured zones. Minor thin chloritic metasiltstone sections are commonly schistose, banded and in places strongly deformed. Pyrite, minor

TEXASGULF INC.			DRILL HOLE LOG	HOLE NO. B-17-81	PAGE NO. 4
DEPTH		REC'Y	DESCRIPTION		
FROM	TO				
			pyrrhotite and rarely chalcopyrite occurs in quartz ± epidote veinlets. Pyrite is		
			also disseminated(≤ 1%) in most strongly altered section. Banding varies 50-70% to		
			C.A. Local quartz-flood zones (approx 0.3 m) contain massive concentrations of py,		
			po and occasional minor molybdenite and scheelite.		
280.4	281.2	100%	Light grey-green siltstone, weakly laminated, distorted bedding with anastomosing,		
			pyrite veinlets.		
281.2	289.0	100%	Massive black shale and mudstone, bedding poorly defined. Minor stringers of quartz		
			chlorite, carbonate and pyrite. Bedding at 40°-50° to C.A. veining at 30°-60°.		
			Massive light grey green sections are altered to sericite and chlorite.		
289.0	290.3	100%	Fault breccia in shale.		
290.3	331.4	100%	Quartzite biotite hornfels, minor siltstone. Sections of quartzite are strongly fractured		
			veined and sericitized. Veins at 0 to 45° to C.A. with sericite -k-spar-quartz selvages,		
			minor molybdenite in veins 305-308 m. Bedding in minor thin siltstone-shale layers		
			at 60-75° to C.A. with some suggestion of graded bedding.		
331.4	335.5	100%	Limestone interbedded with silty shale. Beds are deformed and brecciated.		
335.5	342.5	100%	Sericitic biotite hornfels interbedded with minor siltstone layers 40°-60° to C.A.		
			The hornfels texture is quartzitic to arkosic, generally strongly sericitizied with		
			disseminated pyrite commonly associated.		
342.5	356.0	99-100%	Calc-silicate hornfels- "porcellanite", minor limestone and quartzite. The "porcellanite"		
			appears to be a silicified version of the silty shale in places strongly altered, pyrrhotite		
			-pyrite section with minor chalcopyrite 348.9-351.2 m.		
356.0	384.0	100%	Quartz-biotite-feldspar porphyry (QBP). Moderate to strong multi-stage quartz veining		
			with associated strong sericitic alteration. Veins and fractures contain minor k-spar		
			secondary biotite and minor disseminated pyrite. Some veins carry traces of molybdenite		

TEXASGULF INC.		DRILL HOLE LOG	HOLE NO. B-17-81	PAGE NO. 5
DEPTH FROM	DEPTH TO	REC'Y	DESCRIPTION	
			and scheelite. Some sections are weakly veined but have moderate-strong sericitic	
			alteration. Primary biotite is present in less altered sections.	
384.0	386.0	100%	Calc-silicate hornfels, poorly laminated, diopside and garnet rich, highly distorted	
			and fractured, minor sandy, quartzitic layers.	
386.0	402.2	100%	Metasiltstone. Dark grey-brown biotite hornfels alteration (weak), with minor sandy	
			intercalations, local weak folding and brecciation. Section is transitional from silty	
			to sandy and coarse quartzitic sections.	
402.2	421.5	100%	Quartzitic biotite hornfels with minor metasiltstone interbeds. Moderate quartz-	
			carbonate veining with notable py-cp-sph and associated sericite alteration. Alteration	
			varies widely with vein intensity, from dark to light brown to grey-green with increasing	
			sericitization. Grain size varies from coarse clastic quartzite to fine sandy and	
			silty sections.	
421.5	433.9	100%	Metasiltstone, weakly altered with fractured, blocky sections, minor sericite alteration	
			banding 80-90° to C.A. Minor disseminated pyrite in fractures.	
433.9	450.1	100%	Limestone and marble. Upper section (1.2 m) strongly marblized grading into banded	
			dark grey weakly recrystallized limestone, well-fractured with strong calcite veining,	
			minor pyritic sulphides associated. Locally up to 25% interbedded siltstone layers	
			(several cm thick), weak to strong alteration with strong local concentrations of	
			finely disseminated pyrite.	
450.1	456.0	100%	Variably altered and fractured metasiltstone. Black to olive green and light green	
			alteration similar to previous section, ends in extensive fault zone at 456.0 m.	
456.0	461.7	90%	Fault gouge-metasiltstone and impure limestone.	
461.7	464.1	90-100%	Limestone, grey-white, partially recrystallized and brecciated with about 35% calcite	
			fracture filling.	

TEXASGULF INC.		DRILL HOLE LOG	HOLE NO. B-17-81	PAGE NO. 6
DEPTH FROM	DEPTH TO	REC'Y	DESCRIPTION	
464.1	477.0	100%	Quartzitic biotite hornfels with minor limestone and siltstone interbeds. The quartzite is medium grained, partially sericitized. Limestone is fine-medium grained, partially recrystallized with silty and sandy interbeds.	
477.0	512.5	100%	Sericitic biotite hornfelsed quartzite with minor siltstone interbeds. As in previous sections alteration is variable with veining and fracturing. Most sections of meta-siltstone are highly fractured or faulted. Pyritic sulphides are commonly associated with veining and alteration. Breccia zone at 489.0-491.0 m.	
512.5	527.0	65-100%	Fault breccia, consists of metasiltstone and hornfels in a somewhat calcareous matrix. Local calcite and pyrite stringers are present.	
527.0	533.3	49-100%	Metasiltstone, porcellanite and minor biotite hornfels. Quartz-veining and alteration is strong to intense. Siltstone grades into light grey porcellanite with banding at 55° to C.A. Pyritic veins and bands are common throughout.	
533.3	547.7	61-87%	Quartzite biotite hornfels, locally brecciated with minor metasiltstone interbeds. The interbedded sequence ends in brecciated quartzite and chloritic schist.	
547.7	552.8	100%	Calcareous quartzite (hornfels) with altered and locally skarnified silty shale, all strongly fractured and locally brecciated. Skarny layers contain up to 5% pyrrhotite with disseminated pyrite and chalcopyrite.	
552.8	586.1	75-100%	Black shale and minor metasiltstone. Locally faulted, brecciated and sheared. Some sections calcareous with strong calcite veins and fracture fillings. Strong faulted zones are chloritic and weakly graphitic. Banding at 85-90° to C.A.	
			END OF HOLE at 586.1 m.	
			G. R. Peatfield 16/09/81	

TEXASGULF INC.
DRILL HOLE LOG

PROPERTY:	BOYA
LOCATION (grid)	See map
LOCATION (survey)	
AZIM: - ELEV:	DIP: -90°
DEPTH: 787.9m	CORE SIZE: NQ
STARTED:	May 31, 1981
COMPLETED:	June 23, 1981
CORE RECOVERY:	very good

HOLE NO. B-18-81

CLAIM: BOYA 2

SECTION:

LOGGED BY: R.E. Meyers, E.P. Moreton

DATE LOGGED: June 7-27, 1981

DRILLING CO.: Longyear Canada Ltd.

DIP TEST

DEPTH	AZIM	DIP

DEPTH metres FROM	TO	REC'Y	DESCRIPTION
0	34.2m	100%	Partially recrystallized limestone, marble, minor bands of biotite hornfels. In general the limestone is recrystallized to varying intensities with some completely marblized sections. The marble is fine to medium grained dark grey to brown with banding at 35°-45° to C.A. Solution stylolytes parallel banding. Fracturing and brecciation are weak and calcite veining is weak to moderate. Biotite hornfels interbeds approx 1 cm thick are common, some with dark green diopside alteration. Locally these bands are brecciated and sheared.
34.2	58.6	100%	Metasiltstone, locally fractured and oxidized. Some sections are biotite hornfelsed but most of the section is fine grained well-fractured and weakly to moderately altered siltstone. Fine banding at 50-90° and weak cleavage at approx 80° to C.A. The banding is locally deformed by minor (?) folding.
58.6	77.0	100%	Silty shale. The metasiltstone (above) grades into light grey-white mottled silty shale with minor siltstone and porcellanite bands at 75° to C.A. The section varies from siliceous shale, greywacke to black shale.
77.0	104.0	100%	Shale. Grey and black silty shale grading to siliceous sections. Locally, the unit is well fractured with weak to moderate alteration. Weak quartz veining is present with minor pyrite associated. Banding varies 75° to 90° to C.A. Lower sections are intensely fractured, silicified and hornfelsed and the unit grades into

TEXASGULF INC.			DRILL HOLE LOG	HOLE NO. B-18-81	PAGE NO. 2
DEPTH		REC'Y	DESCRIPTION		
FROM	TO				
			hornfels and porcellanite.		
104.4	110.0	53%	Breccia-porcellanite and hornfels fragments. Poor recovery.		
110.0	121.0	100%	Fractured and blocky grey to white hornfels and porcellanite. The hornfels is fine		
			grained, dark grey to brown with weak quartz veining and alteration. Banding averages		
			75° to C.A. The interbedded porcellanite is fine grained, fractured and brecciated		
			with banding at approx 45° to C.A. Some breccia zones are cross cut and flooded with		
			quartz veins. Pyrite is concentrated locally up to 2%.		
121.0	152.4	50-100%	Quartzitic biotite hornfels interbedded with metasiltstone and siliceous shale.		
			The quartzite fractured with moderate light grey sericite-chlorite alteration		
			selvages. Minor pyrite is associated with altered sections in quartzite and shaly		
			sections. Some hornfels sections carry porphyroclastic biotite which is overprinted		
			in hydrothermally altered sericitic zones.		
152.4	163.0	100%	Metasiltstone breccia and fault gouge.		
163.0	175.0	100%	Quartzitic biotite hornfels with metasiltstone interbeds. The quartzite is irregularly		
			sericitized with minor pyritic, quartz veins cross-cutting. Siltstone beds are		
			strongly contorted and brecciated in places. Lower in the section (175 m) the silt-		
			stone grades into light grey shale.		
175.0	184.6	100%	Grey shale, altered shale, banded shale. Massive unaltered shale is interbedded with		
			weakly sericitized sections and banded light green sections (bands at 75°-85° to C.A.).		
			Minor metasiltstone layers are interlayered.		
184.6	194.2	100%	Quartz-biotite feldspar porphyry (QBP). Weak to moderate sericitic alteration		
			associated with weak quartz veining. Minor pyrite is present. The section ends in		
			a narrow fault at 194.2 m.		

TEXASGULF INC.	DRILL HOLE LOG	HOLE NO. B-18-81	PAGE NO. 3

DEPTH FROM	DEPTH TO	REC'Y	DESCRIPTION
194.2	367.0	50-100%	Black and grey banded shale. Continuous section of alternating black and grey shale bands of irregular thickness (2 mm-3 cm). Upper sections are brecciated and localized fault zones occur throughout. Banding is variably oriented 50°-90° to C.A. Minor sericite-pyrite (± diopside) veining and alteration, chloritic in sheared sections. Local crenulations and folds occur at irregular intervals. Minor diopside ± pyrrhotite skarny layers, some with py & cp occur. More prominent folding occurs below 295 m and minor quartzite is interlayered.
367.0	374.1	100%	Quartzitic biotite hornfels. Weak quartz-pyrite-carbonate (± po, cp) veining with moderate sericitic alteration associated.
374.1	386.8	100%	Black shale. Bedding at 60°-80° to C.A., minor scattered fine-medium grained grey sandy layers. Weak veining consists of fine quartz-pyrite-chlorite stringers.
386.8	406.2	100%	Quartzitic biotite hornfels with minor black shale and siltstone. The quartzite is locally flooded by intense quartz veining with associated pyrrhotite, vuggy pyrite (after po) and minor cpy. Much of the rock is overprinted by phyllic (sericite-chlorite) hydrothermal alteration, with localized argillic alteration in late fractures and faults.
406.2	427.4	100%	Siltstone and black shale. The siltstone is sericitically altered and cut by fine pyritic veinlets. There is a gradational change to black silty shale at about 410 m, similar to previous shaly sections. Minor diopside-pyrrhotite "skarny" layers are associated with coarser grained sandy zones (1-5 cm). The lower part of the section is highly fractured and blocky.
427.4	461.2	100%	Limestone and marble. Much of the section is massive, fine-medium grained partially recrystallized grey limestone with thin (1 cm) cherty layers. Marbly sections are white, coarser grained varying from a few cm to 0.5 m in thickness. The cherty layers are well banded at 45°-55° to C.A. and are fractured, boudined and offset.

TEXASGULF INC.		DRILL HOLE LOG	HOLE NO. B-18-81	PAGE NO. 4
DEPTH FROM	DEPTH TO	REC'Y	DESCRIPTION	
			The shales and cherty interlayers increase in frequency and thickness (2-10 cm) and	
			are generally concordant within the white marble host rock. Minor brittle	
			deformation (as above) is displayed by most interbeds.	
461.2	464.9	100%	Fault zone - mainly, black shaly breccia and gouge.	
464.9	501.3	100%	Quartzitic biotite hornfels, limestone and black shale. The quartzite is quite impure	
			(greywacke) and is strongly sericitized with abundant fine hairline fractures.	
			Bedding is at 45°-50° to C.A. Some sections grade into silty and shaly layers,	
			other such interbeds have sharp contacts. Minor limestone sections are massive grey	
			and weakly marblized. Quartz veining in the hornfels is weak to moderate with	
			associated pyrite, pyrrhotite, minor chalcopyrite and traces of sphalerite. There	
			is local intense veining and quartz flooding.	
501.3	513.0	100%	Limestone, massive, grey, partially recrystallized with minor deformed and brecciated	
			shaly layers with weak stylolytic structures.	
513.0	531.0	95-100%	Black shale, quartzite and limestone. A few quartz-pyrrhotite veins cut the shale	
			and minor quartzite. Minor local garnet (?) alteration in the shale, otherwise	
			it is unaltered. Minor limestone sections are weakly recrystallized and have narrow	
			shaly bands.	
531.0	548.1	100%	Massive limestone, grey, weakly recrystallized. Some shaly and sandy layers (1-10 cm)	
			are weakly skarned with diopside-garnet-pyrrhotite alteration. These layers also	
			display folding. The skarny layers increase in number and thickness over the lower	
			few metres.	
548.1	578.8	94-100%	Quartzite, siltstone and silty shale. Mainly quartzite with minor siltstone and	
			shale. Veining is weak-moderate, with moderate to strong sericite-quartz-k spar-	
			pyrite alteration, minor vuggy pyrite (oxidized po). Section ends in a fault at	
			578.8 m.	

TEXASGULF INC.		DRILL HOLE LOG	HOLE NO. B-18-81	PAGE NO. 5
DEPTH		REC'Y	DESCRIPTION	
FROM	TO			
578.8	606.9	100%	Quartz biotite feldspar porphyry. Moderate fracturing weak quartz-pyrite veining,	
			sericitic ± k spar ± biotite vein selvages. Secondary biotite (chloritized) is	
			also developed along early fractures. Argillization of feldspars and minor carbonate	
			associated with some late fracture zones.	
606.9	636.0	97-100%	Quartzitic biotite hornfels. Medium-coarse grained quartzite, moderate to locally	
			intense quartz-pyrite (+ cp) veining. 1.0 m fault at 615-616 m. Unveined sections	
			are typical massive biotite hornfels. Weak foliation (beds?) at 50° to C.A. Veining	
			is oriented at low angles 0°-45° to C.A.	
636.0	666.0	82-100%	Silty shale and fault breccia. Siltstone and shale interbeds. Intensely sheared and	
			blocky fault zone begins at 683.5 m continuous to 666.0 m followed by highly fractured	
			and blocky black shale.	
666.0	674.6	100%	Black shale with silty interbeds. The shale is very blocky throughout with minor	
			sandy and silty layers. Fine fracturing with pyrite-chlorite ± quartz stringers	
			common particulularly in quartz layers. Shale is cut by quartz-pyrite ± sericite veins	
			and later calcite ± quartz-pyrite veinlets.	
674.6	710.7	100%	Quartzitic biotite hornfels. Blocky sections continue with quartzite as the main	
			rock type with minor shaly interbeds. This siliceous rock fractures more readily	
			than the shale and consequently has been more susceptible to veining and alteration.	
			Veining varies from weak to strong, quartz-pyrite with some k spar, calcite and	
			secondary biotite in later veinlets. Alteration is generally strongly sericite.	
			Bedding angles average 50° to C.A.	
710.7	721.1	80-100%	Silty shale, minor quartzite. Fine to medium grained, bedding laminations at	
			40º60° to C.A. with minor cross-bedding. 1 m fault zone 716-616 m. Some sections	
			of shale are sericitically altered and resemble siltstone sections mentioned previously.	
721.1	747.4	100%	Quartzite and silty shale. Quartzite is massive and weakly altered, interbedded	

TEXASGULF INC.			DRILL HOLE LOG	HOLE NO. B-18-81	PAGE NO. 6
DEPTH		REC'Y	DESCRIPTION		
FROM	TO				
			with light grey siltstone. Locally quartz-sericite veining is moderate to strong		
			and is generally well fractured and blocky. Faulted 738-740.5 m. Minor limestone		
			breccia is interbedded (740-747 m) and weakly recrystallized.		
747.4	775.0	75-100%	Quartzite and siltstone. Much of the section is strongly veined with local quartz		
			flooding. Biotite hornfels is apparent in unaltered quartzitic sections, but		
			sericitic alteration is moderate to strong in heavily veined zones. Bedding is somewhat		
			distorted locally, generally at 60° to C.A.		
775.0	787.9	100%	Black silty shale, siltstone and minor quartzite. The shale is weakly deformed and		
			altered with localized chloritic shears and breccia zones and also weakly crenulated		
			beds. Minor quartzite beds are weakly altered to sericite and chlorite. The lower		
			section of shale has a weak carbonaceous content.		
			HOLE ENDS AT 787.9 m.		
			G.R. Beattie		
			16/09/81		

APPENDIX B

Summary of Analyses

PROPERTY: BOYA HOLE No.: B-17-81 PAGE 1 of 6

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

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

ELEVATION: _____ INCLINATION: ____/____at ____

SAMPLE No.	METRES		MoS_2		Mo	WO_3		W	Cu	
	FROM	TO	ASSAYS	AVG.	ppm	ASSAYS	AVG.	ppm	%	ppm
16401	0	3			6			2		9
2	3	6			6			2		9
3	6	9			4			2		103
4	9	12			5			2		11
5	12	15			4	< 0.01				13
6	15	18			3	< 0.01				13
7	18	21			3	< 0.01				12
8	21	24			4	< 0.01				17
9	24	27			5	< 0.01				17
16410	27	30			2	< 0.01				109
1	30	33			3	< 0.01				116
2	33	36			4	< 0.01				36
3	36	39			4	< 0.01				50
4	39	42			4	< 0.01				17
5	42	45			4	< 0.01				10
6	45	48			4	< 0.01				13
7	48	51			4	< 0.01				14
8	51	54			4	< 0.01				29
9	54	57			4	< 0.01				48
16420	57	60			2	< 0.01				83
1	60	63			2	< 0.01				56
2	63	66			3	< 0.01				89
3	66	69			2	< 0.01				85
4	69	72			2	0.02				500
5	72	75			3	< 0.01				820
6	75	78			3	< 0.01				25
7	78	81			4	< 0.01				36
8	81	84			4	< 0.01				21
9	84	87			4	< 0.01				37
16430	87	90			4	< 0.01				39
1	90	93			4	< 0.01				37
2	93	96			6	< 0.01				27
3	96	99			4	< 0.01				74
4	99	102			3	< 0.01				210
16435	102	105			4	< 0.01				132

PROPERTY: BOYA HOLE No.: B-17-81 PAGE 2 of 6

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

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

ELEVATION: _____ INCLINATION: ____/____at ____

SAMPLE No.	METRES		MoS_2		Mo	WO_3		W	Cu	
	FROM	TO	ASSAYS	AVG.	ppm	ASSAYS	AVG.	ppm	%	ppm
16436	105	108			2	< 0.01				88
7	108	111			4	< 0.01				33
8	111	114			6	< 0.01				37
9	114	117			5	< 0.01				62
16440	117	120			3	< 0.01				43
1	120	123			5	< 0.01				82
2	123	126			5	< 0.01				53
3	126	129			7	< 0.01				10
4	129	132			7			2		25
5	132	135			6			2		16
6	135	138			7			2		23
7	138	141			6			3		30
8	141	144			5			3		40
9	144	147			4			3		44
16450	147	150			3			13		650
1	150	153			3			7		40
2	153	156			2			3		24
3	156	159			3			2		24
4	159	162			3			2		40
5	162	165			4			4		94
6	165	168			5			4		40
7	168	171			4			4		38
8	171	174			4			3		42
9	174	177			3					40
16460	177	180			6					70
1	180	183			3					56
2	183	186			4					36
3	186	189			3					45
4	189	192			5					80
5	192	195			4					40
6	195	198			5					68
7	198	201			2					29
8	201	204			4					310
9	204	207			2					73
16470	207	210			5					86

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

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

ELEVATION: _____ INCLINATION: ____/____at ____

SAMPLE No.	METRES		MoS_2		Mo	WO_3		W	Cu	
	FROM	TO	ASSAYS	AVG.	ppm	ASSAYS	AVG.	ppm	%	ppm
16471	210	213			5					56
2	213	216			6					80
3	216	219			3					44
4	219	222			4					144
5	222	225			4					72
6	225	228			4					78
7	228	231			3					86
8	231	234			4					56
9	234	237			4					80
16480	237	240			6					196
1	240	243			3					118
2	243	246			3					43
3	246	249			1			2		90
4	249	252			2			2		50
5	252	255			2			9		47
6	255	258			3			2		89
7	258	261			2			2		128
8	261	264			2			2		116
9	264	267			2			4		144
16490	267	270			3			2		68
1	270	273			2			2		78
2	273	276			3			3		184
3	276	279			1			2		98
4	279	282			2			2		86
5	282	285			2			2		26
6	285	288			1			4		19
7	288	291			1			5		40
8	291	294			2			2		106
9	294	297			1			2		117
16500	297	300			3			2		72
16801	300	303			3			2		72
2	303	306			3			2		57
3	306	309			2			2		43
4	309	312			1			2		27
16805	312	315			2			2		28

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

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

ELEVATION: _____ INCLINATION: ____/____at ____

SAMPLE No.	METRES		MoS_2		Mo	WO_3		W	Cu	
	FROM	TO	ASSAYS	AVG.	ppm	ASSAYS	AVG.	ppm	%	ppm
16806	315	318			3			2		52
7	318	321			2			4		35
8	321	324			3			3		70
9	324	327			2			2		46
16810	327	330			3			2		48
1	330	333			3			2		15
2	333	336			3			2		29
3	336	339			2			2		56
4	339	342			3			18		205
5	342	345			3			2		105
6	345	348			4			2		111
7	348	351			3			4		400
8	351	354			2			6		95
9	354	357			3			3		44
16820	357	360			3			2		61
1	360	363			3			3		32
2	363	366			3			8		59
3	366	369			2			3		55
4	369	372			3			3		38
5	372	375			3			3		32
6	375	378			3			2		30
7	378	381			3			24		44
8	381	384			3			33		52
9	384	387			2			2		58
16830	387	390			2			2		39
1	390	393			2			3		123
2	393	396			1			2		48
3	396	399			1			4		44
4	399	402			1			3		43
5	402	405			1			3		87
6	405	408			3			2		64
7	408	411			2			3		30
8	411	414			4			3		50
9	414	417			3			3		44
16840	417	420			5			3		37

PROPERTY: BOYA HOLE No.: B-17-81 PAGE 5 of 6

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

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

ELEVATION: _____ INCLINATION: ____/____at ____

SAMPLE No.	METRES		MoS_2		Mo	WO_2		W	Cu	
	FROM	TO	ASSAYS	AVG.	ppm	ASSAYS	AVG.	ppm	%	ppm
16841	420	423			3			3		16
2	423	426			2			3		52
3	426	429			1			2		29
4	429	432			1			2		61
5	432	435			4			2		38
6	435	438			6			2		13
7	438	441			5			2		10
8	441	444			5			2		12
9	444	447			4			2		43
16850	447	450			6			3		8
16926	450	453			1			3		83
7	453	456			3			3		61
8	456	459			1			2		21
9	459	462			2			2		10
16930	462	465			4			2		32
1	465	468			4			2		26
2	468	471			4			2		21
3	471	474			4			2		22
4	474	477			5			2		19
5	477	480			2			2		60
6	480	483			3			2		44
7	483	486			2			2		34
8	486	489			2			3		54
9	489	492			2			2		65
16940	492	495			2			3		66
1	495	498			2			2		68
2	498	501			2			3		64
3	501	504			3			2		48
4	504	507			3			3		68
5	507	510			2			3		34
6	510	513			3			20		34
7	513	516			3			4		90
8	516	519			5			4		59
9	519	522			4			5		170
16950	522	525			13			5		112

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

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ELEVATION: _____ INCLINATION: ____/____at ____

SAMPLE No.	METRES		MoS_2		Mo	WO_3		W	Cu	
	FROM	TO	ASSAYS	AVG.	ppm	ASSAYS	AVG.	ppm	%	ppm
16951	525	528			7			9		95
2	528	531			5			9		90
3	531	534			3			3		47
4	534	537			5			3		32
5	537	540			4			3		26
6	540	543			2			2		34
7	543	546			10			8		54
8	546	549			61			23		88
9	549	552			24			35		119
16960	552	555			21			3		61
1	555	558			25			2		67
2	558	561			5			3		106
3	561	564			3			3		76
4	564	567			2			5		50
5	567	570			2			4		44
6	570	573			2			2		40
7	573	576			2			2		39
8	576	579			1			2		39
9	579	582			1			4		38
16970	582	585			1			3		52
16971	585	586.1			2			2		40

PROPERTY: BOYA HOLE No.: B-18-81 PAGE 1 of 8

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

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

ELEVATION: _____ INCLINATION: ____/____at ____

SAMPLE No.	METRES		MoS_2		Mo	WO_3		W	Cu	
	FROM	TO	ASSAYS	AVG.	ppm	ASSAYS	AVG.	ppm	%	ppm
-	-	-			-			-		-
16972	0	6			5			2		18
3	6	9			5			2		13
4	9	12			5			2		17
5	12	15			5			3		15
6	15	18			5			2		19
7	18	21			5			4		14
8	21	24			5			3		13
9	24	27			5			3		6
16980	27	30			6			3		6
1	30	33			6			4		6
2	33	36			3			4		200
3	36	39			ND			3		133
4	39	42			1			4		70
5	42	45			1			2		43
6	45	48			2			3		28
7	48	51			1			2		26
8	51	54			ND			3		80
9	54	57			ND			4		78
16990	57	60			ND			3		51
1	60	63			1			3		24
2	63	66			ND			2		101
3	66	69			2			2		62
4	69	72			1			2		31
5	72	75			2			3		33
6	75	78			1			3		65
7	78	81			3			2		47
8	81	84			2			3		36
9	84	87			1			2		51
17000	87	90			2			3		60
44951	90	93			1			2		45
2	93	96			1			3		36
3	96	99			1			2		33
4	99	102			1			2		19
44955	102	105			2			3		22

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

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

ELEVATION: _____ INCLINATION: ____/____at ____

SAMPLE No.	METRES		MoS_2		Mo	WO_3		W	Cu	
	FROM	TO	ASSAYS	AVG.	ppm	ASSAYS	AVG.	ppm	%	ppm
44956	105	108			ND			2		31
7	108	111			10			3		31
8	111	114			1			3		30
9	114	117			5			3		34
44960	117	120			28			3		42
1	120	123			12			2		34
2	123	126			4			2		30
3	126	129			2			2		53
4	129	132			4			3		56
5	132	135			2			3		55
6	135	138			2			3		63
7	138	141			3			2		76
8	141	144			6			2		54
9	144	147			3			2		54
44970	147	150			5			2		151
1	150	153			2			2		73
2	153	156			3			2		42
3	156	159			3			2		37
4	159	162			3			2		48
5	162	165			2			2		30
6	165	168			3			2		33
7	168	171			2			3		47
8	171	174			2			3		51
9	174	177			3			3		36
44980	177	180			2			5		21
1	180	183			2			2		34
2	183	186			4			2		24
3	186	189			2			2		32
4	189	192			3			2		32
5	192	195			2			2		24
6	195	198			2			2		36
7	198	201			2			2		30
8	201	204			2			2		36
9	204	207			1			2		26
44990	207	210			1			2		24

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

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

ELEVATION: _____ INCLINATION: ____/____at ____

SAMPLE No.	METRES		MoS_2		Mo	WO_3		W	Cu	
	FROM	TO	ASSAYS	AVG.	ppm	ASSAYS	AVG.	ppm	%	ppm
44991	210	213			1			2		36
2	213	216			1			2		31
3	216	219			1			2		38
4	219	222			1			2		38
5	222	225			1			2		35
6	225	228			1			2		37
7	228	231			1			2		37
8	231	234			1			2		32
9	234	237			1			2		34
45000	237	240			ND			2		46
1	240	243			1			2		45
2	243	246			1			2		50
3	246	249			1			2		46
4	249	252			1			2		36
5	252	255			ND			2		45
6	255	258			1			2		46
7	258	261			1			2		43
8	261	264			2			2		37
9	264	267			2			2		46
45010	267	270			2			2		54
1	270	273			2			2		43
2	273	276			2			2		45
3	276	279			2			3		47
4	279	282			2			2		40
5	282	285			1			2		53
6	285	288			1			2		36
7	288	291			1			2		38
8	291	294			1			2		32
9	294	297			1			2		46
45020	297	300			2			2		33
1	300	303			2			2		37
2	303	306			ND			2		41
3	306	309			1			2		40
4	309	312			1			2		42
45025	312	315			2			2		48

PROPERTY: BOYA HOLE No.: B-18-81 PAGE 4 of 8

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

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

ELEVATION: _____ INCLINATION: ____/____at ____

SAMPLE No.	METRES		MoS_2		Mo	WO_3		W	Cu	
	FROM	TO	ASSAYS	AVG.	ppm	ASSAYS	AVG.	ppm	%	ppm
45026	315	318			1			2		53
7	318	321			2			2		40
8	321	324			5			2		32
9	324	327			1			2		45
45030	327	330			4			2		41
1	330	333			3			2		38
2	333	336			2			2		36
3	336	339			3			2		42
4	339	342			4			2		46
5	342	345			2			2		33
6	345	348			2			2		45
7	348	351			1			2		41
8	351	354			1			2		44
9	354	357			2			2		44
45040	357	360			2			2		41
1	360	363			4			2		40
2	363	366			3			2		44
3	366	369			3			2		38
4	369	372			3			2		21
5	372	375			3			2		59
6	375	378			2			2		45
7	378	381			3			2		44
8	381	384			2			2		38
9	384	387			2			2		44
45050	387	390			2			2		219
1	390	393			2			2		33
2	393	396			1			2		63
3	396	399			3			2		29
4	399	402			1			2		44
5	402	405			3			2		46
6	405	408			2			2		36
7	408	411			3			2		50
8	411	414			2			2		39
9	414	417			2			2		27
45060	417	420			1			2		18

PROPERTY: BOYA HOLE No.: B-18-81 PAGE 5 of 8

LATITUDE: _____ AZIMUTH: _____ INCLINATION: _____/_____at _____

LONGITUDE: _____ DIP: _____ INCLINATION: _____/_____at _____

ELEVATION: _____ INCLINATION: _____/_____at _____

SAMPLE No.	METRES		MoS_2		Mo	WO_3		W	Cu	
	FROM	TO	ASSAYS	AVG.	ppm	ASSAYS	AVG.	ppm	%	ppm
45061	420	423			2			2		20
2	423	426			2			2		10
3	426	429			6			2		26
4	429	432			7			2		9
5	432	435			7			2		9
6	435	438			8			2		10
7	438	441			8			2		8
8	441	444			7			2		11
9	444	447			7			2		8
45070	447	450			7			2		10
1	450	453			7			2		8
2	453	456			6			2		15
3	456	459			4			2		25
4	459	462			3			2		37
5	462	465			2			2		18
6	465	468			4			2		18
7	468	471			5			2		14
8	471	474			7			2		14
9	474	477			9			2		9
45080	477	480			2			2		18
1	480	483			2			2		21
2	483	486			3			2		22
3	486	489			1			2		60
4	489	492			2			2		37
5	492	495			2			2		31
6	495	498			2			2		29
7	498	501			3			2		40
8	501	504			11			2		14
9	504	507			10			2		9
45090	507	510			10			2		6
1	510	513			11			2		8
2	513	516			3			2		56
3	516	519			9			2		9
4	519	522			6			2		105
45095	522	525			2			2		15

PROPERTY: BOYA HOLE No.: B-18-81 PAGE 6 of 8

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

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

ELEVATION: _____ INCLINATION: ____ / ____ at ____

SAMPLE No.	METRES		MoS_2		Mo	WO_3		W	Cu	
	FROM	TO	ASSAYS	AVG.	ppm	ASSAYS	AVG.	ppm	%	ppm
45096	525	528			2			2		27
7	528	531			3			2		43
8	531	534			7			2		41
9	534	537			6			2		14
45100	537	540			6			2		16
1	540	543			6			2		16
2	543	546			5			2		88
3	546	549			2			35		670
4	549	552			1			3		66
5	552	555			2			2		73
6	555	558			1			2		176
7	558	561			2			2		83
8	561	564			1			2		105
9	564	567			1			2		75
45110	567	570			1			3		174
1	570	573			1			2		60
2	573	576			1			2		41
3	576	579			1			2		19
4	579	582			1			2		10
5	582	585			1			3		15
6	585	588			1			4		29
7	588	591			1			3		17
8	591	594			1			2		24
9	594	597			2			2		13
45120	597	600			2			2		14
1	600	603			2			2		14
2	603	606			1			2		19
3	606	609			3			2		36
4	609	612			1			2		55
5	612	615			1			2		52
6	615	618			1			2		19
7	618	621			2			4		128
8	621	624			1			2		28
9	624	627			2			2		21
45130	627	630			1			2		33

PROPERTY: BOYA HOLE No.: B-18-81 PAGE 7 of 8

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

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

ELEVATION: _____ INCLINATION: ____/____at ____

SAMPLE No.	METRES		MoS_2		Mo	WO_3		W	Cu	
	FROM	TO	ASSAYS	AVG.	ppm	ASSAYS	AVG.	ppm	%	ppm
45131	630	633			1			2		47
2	633	636			2			2		16
3	636	639			1			2		36
4	639	642			1			2		25
5	642	645			1			2		34
6	645	648			2			2		45
7	648	651			1			2		36
8	651	654			1			2		40
9	654	657			1			2		21
45140	657	660			2			2		20
1	660	663			2			2		35
2	663	666			2			2		43
3	666	669			1			ND		16
4	669	672			1			ND		30
5	672	675			1			ND		21
6	675	678			1			ND		139
7	678	681			1			ND		26
8	681	684			2			ND		21
9	684	687			1			ND		18
45150	687	690			2			ND		28
1	690	693			ND			ND		45
2	693	696			1			2		27
3	696	699			1			2		26
4	699	702			1			2		36
5	702	705			1			2		35
6	705	708			1			2		31
7	708	711			1			2		44
8	711	714			1			2		34
9	714	717			1			2		26
45160	717	720			2			2		36
1	720	723			1			2		41
2	723	726			2			2		76
3	726	729			1			2		59
4	729	732			1			2		38
45165	732	735			1			2		38

PROPERTY: BOYA HOLE No.: B-18-81 PAGE 8 of 8

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

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

ELEVATION: _____ INCLINATION: ____/____at ____

SAMPLE No.	METRES		MoS_2		Mo	WO_3		W	Cu	
	FROM	TO	ASSAYS	AVG.	ppm	ASSAYS	AVG.	ppm	%	ppm
45166	735	738			2			2		39
7	738	741			2			2		34
8	741	744			2			2		57
9	744	747			4			2		20
45170	747	750			2			2		54
1	750	753			1			ND		93
2	753	756			2			ND		40
3	756	759			1			3		48
4	759	762			2			3		78
5	762	765			1			3		33
6	765	768			3			2		41
7	768	771			2			2		31
8	771	774			2			2		38
9	774	777			2			2		55
45180	777	780			2			2		38
1	780	783			2			2		45
2	783	786			3			2		44
45183	786	787.9			3			2		47

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.

E.P. Moreton - Geologist

E.P. Moreton is presently enrolled in an M.Sc. programme at Queen's University at Kingston. His research will concern certain aspects of the geology of the BOYA property.

G.R. Peatfield
16/09/81

APPENDIX D

Statement of Expenditures

STATEMENT OF EXPENDITURES

SALARIES AND FRINGE BENEFITS, TEXASGULF INC.

R.E. Meyers - Geologist Period May 1 - June 30	45 days @ $150	6,750.00	
E.P. Moreton - Geologist Period May 8 - June 30	35 days @ $ 75	2,625.00	
J. Gosselin - Assistant Period May 1 - May 26	20 days @ $ 60	1,200.00	
R. Lemery - Assistant Period May 1 - June 30	50 days @ $ 50	2,500.00	
M. Stanley - Assistant Period May 18 - June 30	20 days @ $ 55	1,100.00	
		14,175.00	14,175.00

ROOM AND BOARD

Tg Personnel -	170 man-days @ $ 60	10,200.00	
Longyear Personnel	224 man-days @ $ 60	13,440.00	
(this includes cook's wages, fixed-wing mob., demob. and re-supply charges.)			
		23,640.00	23,640.00

HELICOPTER SUPPORT

Texasgulf Bell 206B	24.6 hrs @ $400	9,840.00	
Texasgulf leased A-Star	141.7 hrs @ $560	79,352.00	
Total Frontier Helis invoices		54,160.49	
		143,352.49	143,352.49

Cont'd

G. R. Peatfield.
16/09/81

STATEMENT OF EXPENDITURES - Cont'd

DIAMOND DRILLING

Longyear Canada invoices charges for drilling, survey, core boxes, supplies and equipment, moving time, mob. and demob.		161,072.01	
Rental of Sperry-Sun survey instrument		2,800.00	
		163,872.01	163,872.01

ANALYTICAL COSTS

39 WO_3 assays	@ $9.00	351.00	
458 Mo analyses	@ $0.75	343.50	
395 W analyses	@ $3.75	1,481.25	
458 Cu analyses	@ $1.75	801.50	
458 Sample preps.	@ $2.50	1,145.00	
		4,122.25	4,122.25

MISCELLANEOUS

Expediting charges	4,835.04	
Travel (pro-rated share)	2,500.00	
Misc. drilling supplies	9,852.71	
Communication - radio rental	755.25	
Shipping charges	1,212.61	
Drill fuel, etc.	3,000.00	
Fixed-wing costs to drill (pro-rate)	8,000.00	
	30,155.61	30,155.61
	Total	379,317.36

Less - Amount claimed on Statements of Exploration and Development filed on June 11, 1981 (1), June 25, 1981 (2), and July 28, 1981 (1), plus	147,000.00
amount already filed to PAC Account (June 25).	9,200.00
Equals - Amount to be credited to PAC Account of Texasgulf Canada Ltd.	223,117.36

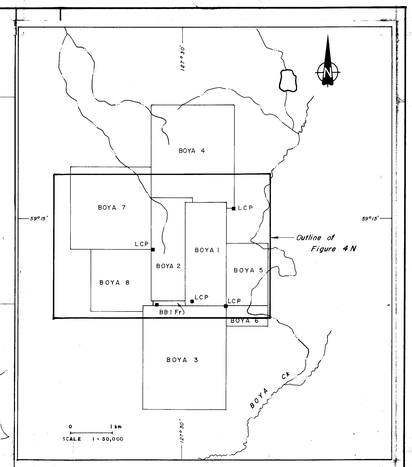
G. R. Peatfield
16/09/81

Rose Diagram showing orientations of quartz veins in the area north and west of Paint Can Hill

total of 28 veins measured

Rose Diagram showing orientations of quartz veins in the Main Face area

total of 19 veins



LEGEND

INTRUSIVE ROCKS

- 7c — Quartz - feldspar porphyry dykes.
- 7b — Quartz porphyry, aplite.
- 7a — Quartz - biotite - feldspar porphyry.

METAMORPHIC ROCKS (WITHIN THE THERMAL AUREOLE OF UNITS 7a-c)

- D — 'Porcellanite' - fine, banded siliceous skarn, alternating layers of quartz and diopside.
- C — Coarse diopside - quartz skarn, often with appreciable pyrrhotite.
- B — Coarse garnet skarn.
- A — Hornfels.

note: Marbles are not mapped separately, but are included with unit 5 below.

UNMETAMORPHOSED SEDIMENTARY STRATA

MAIN FACE SECTION (see Figure 5 for detailed column)

- 5 — Massive limestone; a: thin-bedded limestone, sandy limestone.
- 4 — Dark shale; a: massive white-weathering limestone.
- 3 — 'Volcanic unit' - flows, breccias, tuffs, tuffaceous shales, chert.
- 2c — Thinly interbedded limestone and limey shale.
- 2b — Thinly banded shale, limey shale, siliceous shale, fine sandstone.
- 2a — Quartzite (seen only in the metamorphic zone).

note: units 2a - c are intercalated.

NORTHWEST AREA SECTION

- 6 — Dark shale.
- 5 — Massive limestone and marble.
- 4b — Shale, sandy shale, fine sandstone.

correlation uncertain

HAWK PAD SECTION / CUT LIP HILL SECTION

- 1d — Grit, pebble conglomerate.
- 1c — Dolomite
- 1b — Limestone
- 1a — Shales

SYMBOLS

- bedding
- cleavage
- jointing
- joints with quartz veins
- x sub-outcrop
- Legal Corner Post for Mineral Claims
- Apparent limit of transition to porcellanite in shales and silty rocks, or to hornfels in more quartz-rich clastic rocks.
- Apparent limit of complete transition of all rocks except quartzite to porcellanite.

G.R. Rowbotham 16/09/81

Scale 1:5,000 Contour interval 60 m

NOTE

This map has not been updated from 1979-80 work but is included to show diamond drill hole and cross-section locations. Surface geology will be modified in accordance with detailed mapping planned for 1981.

Figure 4 N

Texasgulf Inc.

BOYA CLAIMS

GEOLOGY - NORTH SHEET

NTS 94M, 3W, 4E, 5E, 6W — Proj. 62

WORK BY	DRAWN BY	DATE	DRW.G NO.
G.R.P., C.R.	E.R.	December, 1978	

100 0 100 200 300 400
Scale in Metres