

ASSESSMENT REPORT
ON THE
DORY 1-30, CLAIMS
(YB46720-749)
NTS 105 D-2 & 8
Whitehorse Mining District

FOR: R. Hammel
Site 10 Comp. 8 RR 1
Whitehorse, Y.T.
Y1A 4Z6

BY: G.S. Davidson, P. Geol.

January, 1996



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INTRODUCTION

The DORY claims are located on Mt. Michie on the east side of the Whitehorse Trough approximately 12 km east of the Alaska Highway. The area is underlain by Paleozoic and Mesozoic volcanic and metasedimentary rocks intruded by felsic porphyry dykes and mafic sills.

The claims were staked on several electromagnetic anomalies generated by the 1994 airborne geophysical survey (Open File 1994-10). Also Mr. R. Stack was aware of quartz carbonate veins and alteration zones located along shear zones on the southeast side of Mt. Michie.

This report, prepared at the request of Mr. R. Hammel of Whitehorse, describes exploration work performed by R. Stack, R. Hammel and the writer on the property from May 3-5, 1995.

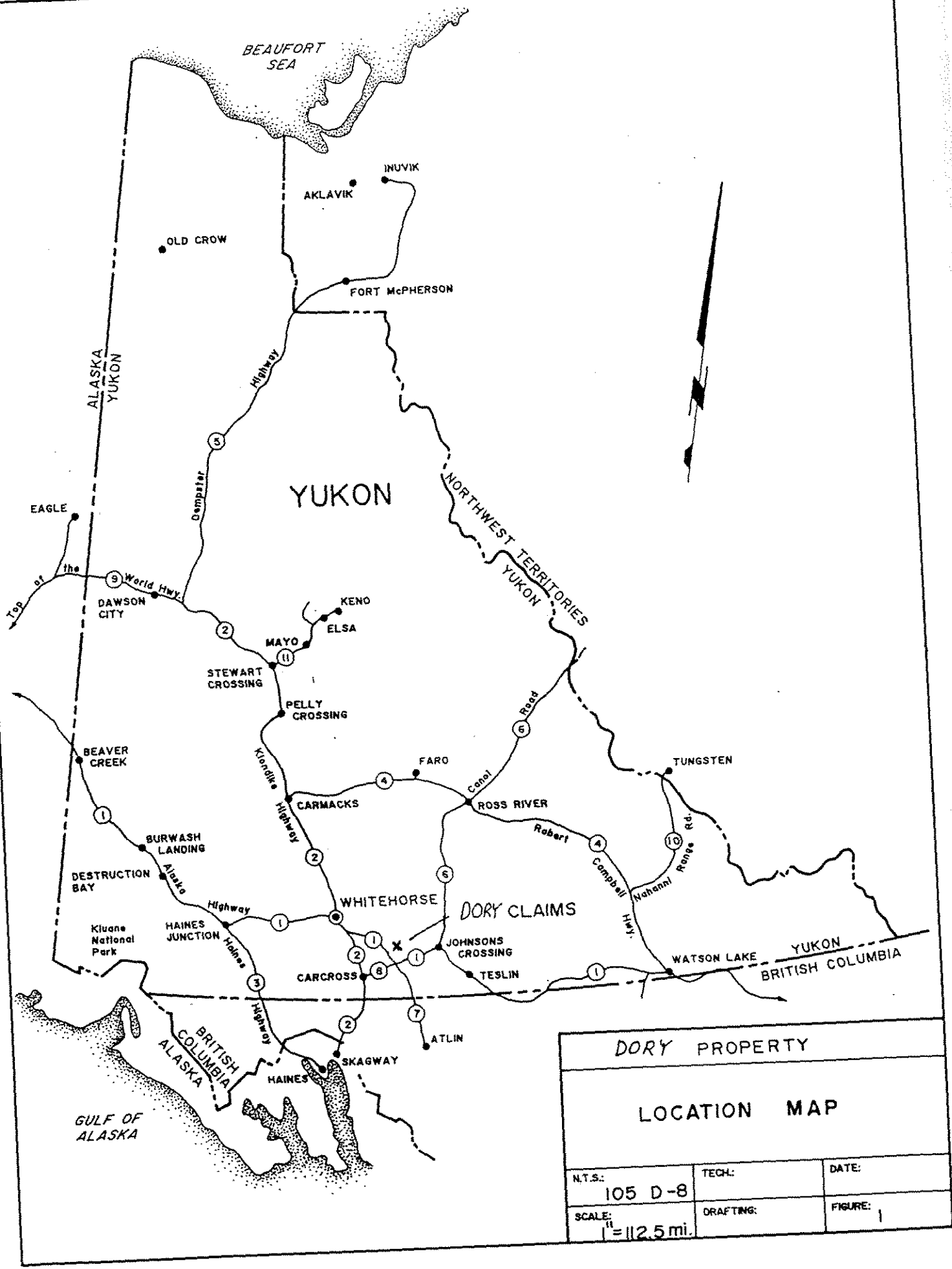
LOCATION AND ACCESS

The claims overlie the peak of Mt. Michie and cover the southern flank of the mountain. The property is 65 km southeast of Whitehorse located primarily above tree line on fairly rugged topography. on NTS Map Sheet 105 D-10. Approximate geographical co-ordinates are 60^o 21'N latitude, 134^o 02' W longitude. Figure 1 shows the location of the claims.

PHYSIOGRAPHY

Elevations on the DORY property are between 900 and 1,700 m. Outcrop is common along steep ridges and glacial till covers most low lying areas. Spruce forest grows bellow 1,200 m while alpine vegetation features grass hummocks

The Whitehorse Trough has a northern interior climate modified by its proximity to the Gulf of Alaska. Annual temperatures range from -45^o C to 20^o C. Exploration can be conducted during the summer months from May to October.



DORY PROPERTY		
LOCATION MAP		
N.T.S.: 105 D-8	TECH:	DATE:
SCALE: 1" = 12.5 mi.	DRAFTING:	FIGURE: 1

PROPERTY

The DORY claims (30) were staked in May, 1994 by R. Hammel and R. Stack, and recorded in the office of the district mining recorder in Whitehorse. Figure 2 shows the claim plan and property data is listed in Table 1.

TABLE 1 CLAIM DATA

Claim Name	Record Number	Owner	Expiry Date
DORY 1-30	YB46720-749	R. Hammel	May 5, 1996

REGIONAL GEOLOGY

The Mt. Michie area is underlain by stratified volcanic and sedimentary units of the Whitehorse Trough and Atlin Terranes. Coast Plutonic Complex granitic rocks intrude the region.

The Whitehorse Trough features Lower to Middle Jurassic Laberge Group clastic sediments flanked by Upper Triassic Lewes River Group mafic volcanics. Atlin Terrane consists of Pennsylvanian(?) - Permian Taku Group serpentinites, metamorphosed volcanics and quartz carbonate rock.

Structurally, the area features northwest-southeast oriented faults parallel to the axis of the Whitehorse Trough.

Gold mineralization in the Atlin Terrane generally occurs in quartz carbonate alteration zones in close association with ultramafic intrusives and strong normal faults.

HISTORY

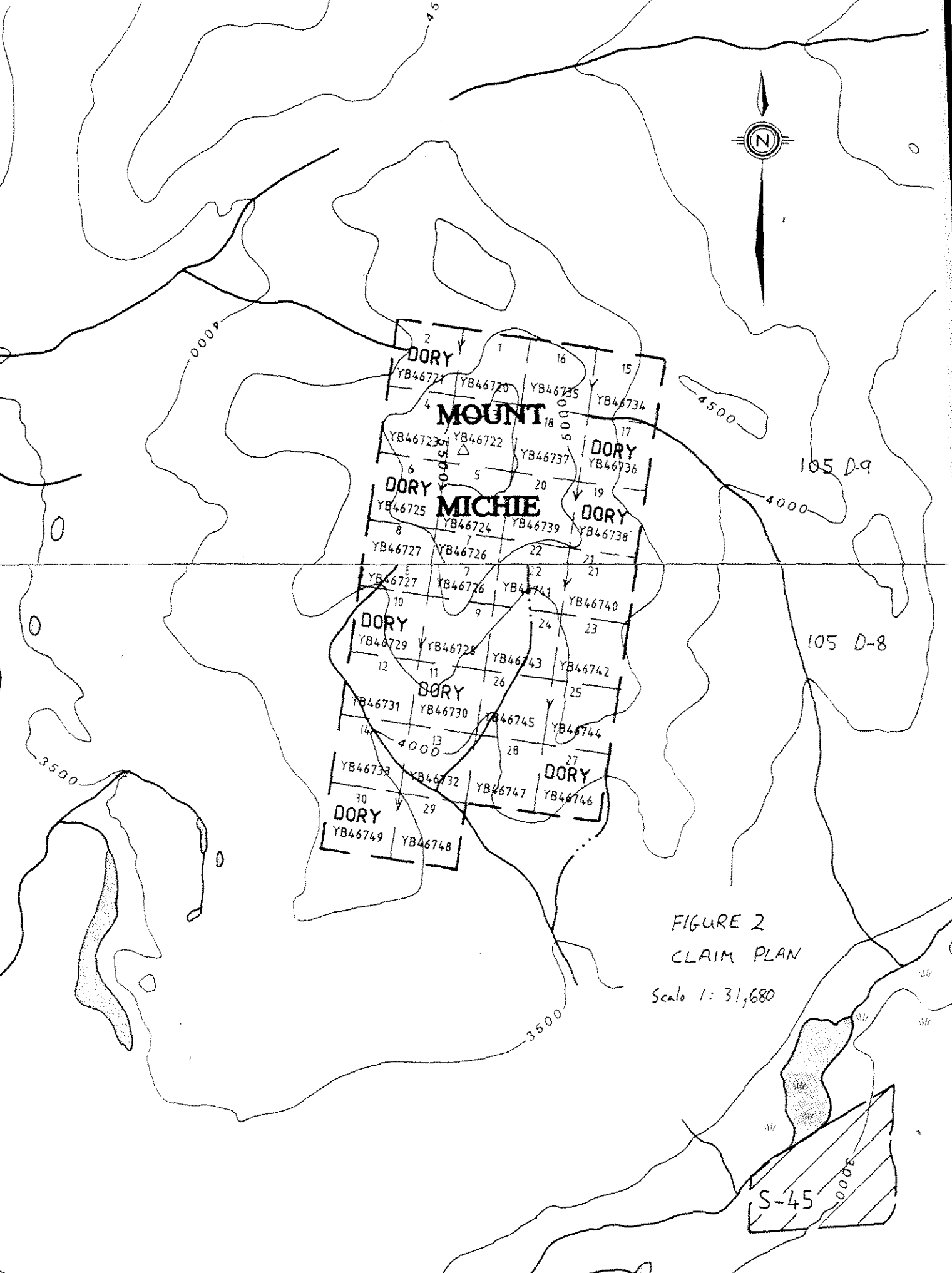
Ultramafic rocks and quartz carbonate alteration zones around Marsh Lake were first examined in the late 1890's by prospectors en route to Dawson. Several gold prospects at the northeast and southeast ends of the lake were investigated by adits, shafts and trenches but no records of production exist.

Ultramafic rocks were examined in the 1960's and 1970's for potential asbestos mineralization north of Mt. Michie. International Mine Services contracted an airborne magnetometer survey in 1967, covering a large area east of Marsh Lake, including the DORY claim area.

In the 1980's most of the historic gold prospects have been restaked, however no significant showings have been outlined. Several quartz carbonate veins were known on the south side of Mt Michie but no documented exploration had been undertaken.

PROPERTY GEOLOGY

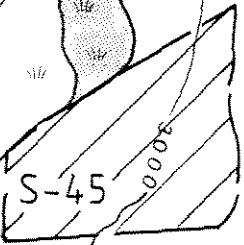
The DORY claims are underlain by mafic volcanics, siltstone and chert intruded by basalt and quartz-feldspar porphyry dykes, and serpentinite sills. Alteration zones of quartz carbonate rock occur in shear zones and around porphyry dykes. The alteration zones contain up to 5% pyrite and weather a typical orange color.



2	1	16	15	
DORY YB46721	YB46720	YB46735	YB46734	
4	MOUNT	18	17	
YB46723	YB46722	YB46737	DORY YB46736	
6	5	20	19	
DORY YB46725	MICHIE	YB46739	DORY YB46738	
8	YB46724	YB46739	YB46738	
YB46727	YB46726	22	21	
YB46727	YB46726	YB46741	YB46740	
10	9	24	23	
DORY YB46729	YB46728	YB46743	YB46742	
12	11	26	25	
DORY	YB46731	YB46730	YB46745	YB46744
14	13	28	27	
YB46733	YB46732	YB46747	DORY YB46746	
30	29			
DORY YB46749	YB46748			

FIGURE 2
CLAIM PLAN

Scale 1: 31,680



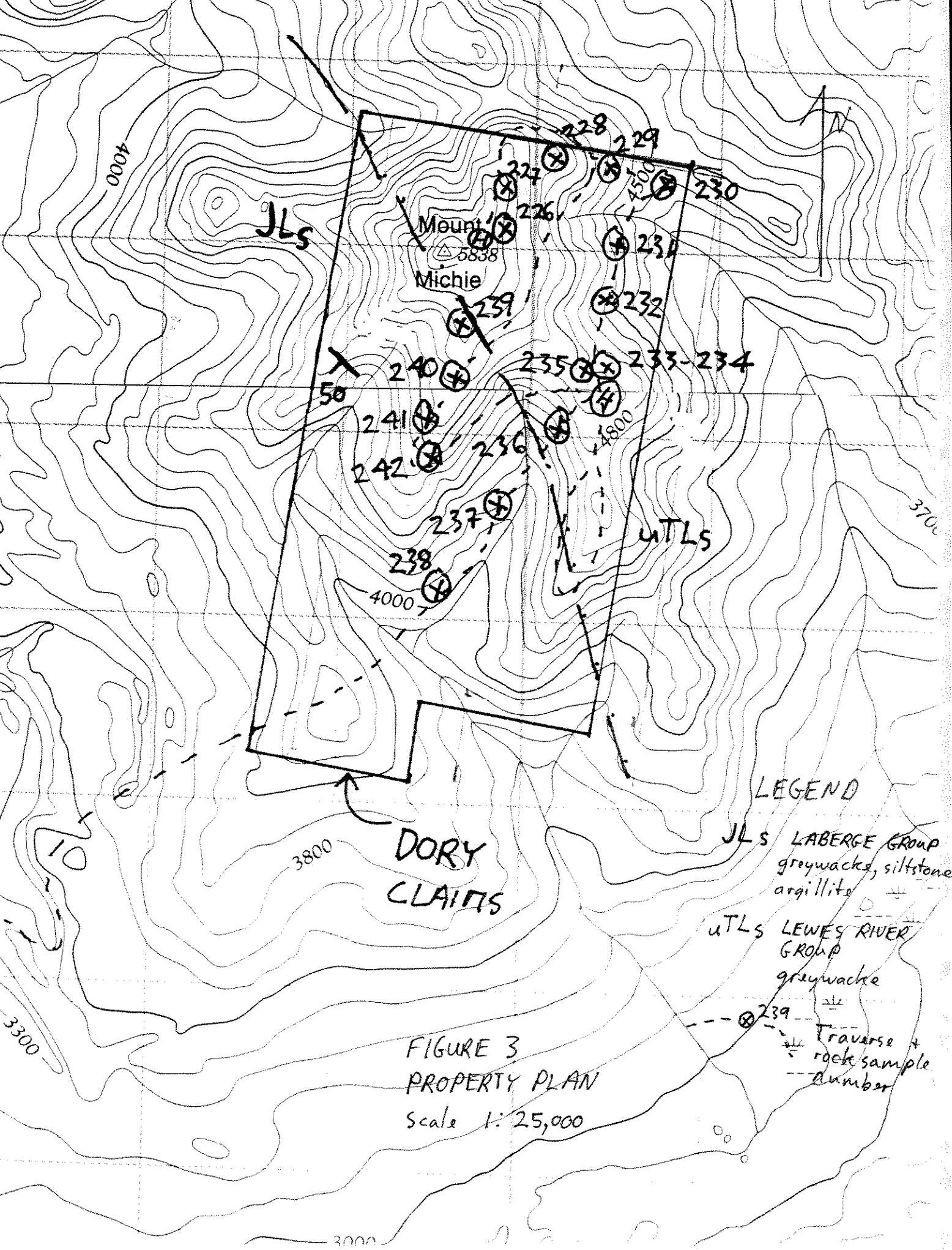
EXPLORATION PROGRAM

INTRODUCTION

In May 1994 the writer, R. Hammel and R. Stack prospected the claims. Access was via helicopter to the peak of Mt. Michie. One day was spent on the property by R. Hammel and the writer while R. Stack spent three days on the claims. Prospecting traverses and rock sample locations are shown on Figure 3. R. Stack blasted one pit on a quartz vein located on DORY 24 claim. A traverse across several airborne EM anomalies located along a creek valley at the southwest end of the DORY claims did not find any outcrop because of overburden. Seventeen rock samples were collected on the traverses and the samples were analyzed at Northern Analytical Laboratories in Whitehorse. The assay certificate is presented in Appendix I.

ROCK SAMPLING

Rock samples collected on the DORY claims produced background gold values in all samples and low to background values in other elements tested. Sample values and descriptions are listed in Table 2.



JLs

Mount Michie
5838

50

uTLs

DORY CLAIMS

LEGEND

JLs LABERGE GROUP
greywacke, siltstone
argillite

uTLs LEWES RIVER GROUP
greywacke

⊗ 239
--- Traverse + rock sample number

FIGURE 3
PROPERTY PLAN
Scale 1: 25,000

TABLE 2
SAMPLE DESCRIPTIONS AND VALUES

Sample Number	Type	Description	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm
78226	grab	quartz-carbonate vein,	14	3.6	55	713	92
78227	grab	grey-green chert breccia, 10 carbonate veins	5.2	49	1005	55	
78228	grab	quartz-carbonate limonite breccia zone, 8 in metasediments		0.9	8	272	24
78229	grab	diorite dyke, minor pyrite	9	0.6	65	223	95
78230	grab	narrow quartz vein in dyke	10	0.4	13	185	26
78231	grab	shale, pyrite lenses	15	0.3	47	87	51
78232	grab	narrow quartz veins in mafic volcanic rock	16	0.6	24	205	37
78233	grab	quartz boulders, no sulphides	11	<0.1	4	70	10
78234	grab	quartz-carbonate veining	13	0.1	20	124	64
78235	grab	narrow quartz vein in metavolcanic rock	11	0.1	32	65	62
78236	grab	quartz-carbonate alteration zone in mafic volcanic rock, minor pyrite	6	0.1	23	87	78
78237	grab	andesite porphyry with a few pyrite cubes	7	0.2	96	159	57
78238	grab	silicified andesite, minor pyrite	7	0.2	54	105	64
78239	grab	narrow chalcedony bands in andesite	11	<0.1	9	45	20
78240	grab	limonite band in black shale	20	0.7	59	62	79
78241	grab	narrow quartz-calcite veining in argillite	9	<0.1	18	37	29
78242	grab	quartz-calcite vein in limonitic volcanic rock	8	<0.1	30	65	37

DISCUSSION AND CONCLUSIONS

Samples collected on Mt. Michie did not contain anomalous metal values. However outcrop is limited to steep ridges and the airborne EM anomalies were poorly exposed, occurring in recessive areas covered with overburden. The results of these samples do not exclude the potential for exploration targets along trends identified by the airborne survey.

Any future exploration work should examine the airborne EM anomalies by soil sampling and ground VLF-EM surveys.

The following program is proposed:

Prospecting, recon. VLF-EM survey and limited soil sampling on the DORY 12-14 claims at a suggested budget of \$3,000.

STATEMENT OF COSTS

Period: May 3-5, 1995

Personnel:	R. Stack (prospecting), 3 days	750.00
	G. Davidson (prospecting), 1 day	300.00
	R. Hammel (prospecting), 1 day	200.00
SAMPLE ANALYSIS: , NAL		253.96
TRANSPORTATION: Helidynamics, jet ranger		867.98
REPORT: preparation, printing		750.00
TOTAL COSTS		\$3,121.94

REFERENCES

Ballantyne, S.B. and Mackinnon, H.F., 1985: Gold in the Atlin

Dighem/ Power, 1994. Airborne EM and Mag Survey, Jakes Corner Project, Open File 1994-10

Wheeler, J.O., 1961: Whitehorse Map Area, Yukon Territory.

GSC Memoir No. 312.

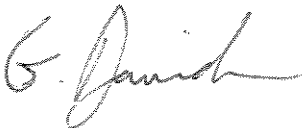
CERTIFICATE

I, GRAHAM DAVIDSON, of the City of Whitehorse in the Yukon Territory, HEREBY CERTIFY:

1. That I am a consulting geologist and that I performed the work program described in this report.
2. That I am a graduate of the University of Western Ontario (H. BSc., Geology, 1981).
3. That I am registered as a Professional Geologist by the Association of Professional Engineers, Geologists and Geophysicists of Alberta (No.42038).
4. That I have been engaged in mineral exploration for fourteen years in the Yukon, the Northwest Territories and British Columbia.

SIGNED at Whitehorse, Yukon, this 23th day of January, 1996.

G.S. DAVIDSON, P. Geol.

A handwritten signature in cursive script, appearing to read "G. Davidson", written in black ink.

APPENDIX I
ASSAY CERTIFICATE

28/08/95

Assay Certificate

Page 1

Graham Davidson

WO#15311

Sample #	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Cd ppm
78226	14	3.6	55	713	92	0.3
78227	10	5.2	49	1005	55	1.1
78228	8	0.9	8	272	24	<0.1
78229	9	0.6	65	223	95	<0.1
78230	10	0.4	13	185	26	<0.1
78231	15	0.3	47	87	51	0.6
78232	16	0.6	24	205	37	0.1
78233	11	<0.1	4	70	10	<0.1
78234	13	0.1	20	124	64	<0.1
78235	11	0.1	32	65	62	<0.1
78236	6	0.1	23	87	78	<0.1
78237	7	0.2	96	159	57	<0.1
78238	7	0.2	54	105	64	<0.1
78239	11	<0.1	9	45	20	<0.1
78240	20	0.7	59	62	79	<0.1
78241	9	<0.1	18	37	29	<0.1
78242	8	<0.1	30	65	37	<0.1

Certified by

