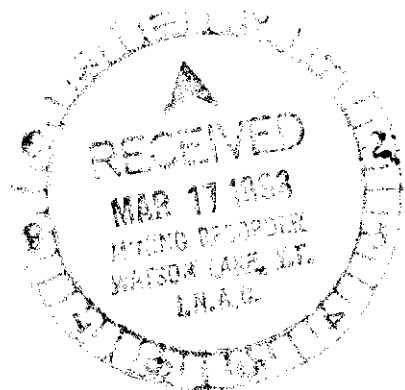


1997 DIAMOND DRILLING REPORT
ON THE
SMOKY RIDGE ZONE
WATSON LAKE MINING DISTRICT

N.T.S. 105 F/16

Latitude 61°51' N, Longitude 132°23' W

093813

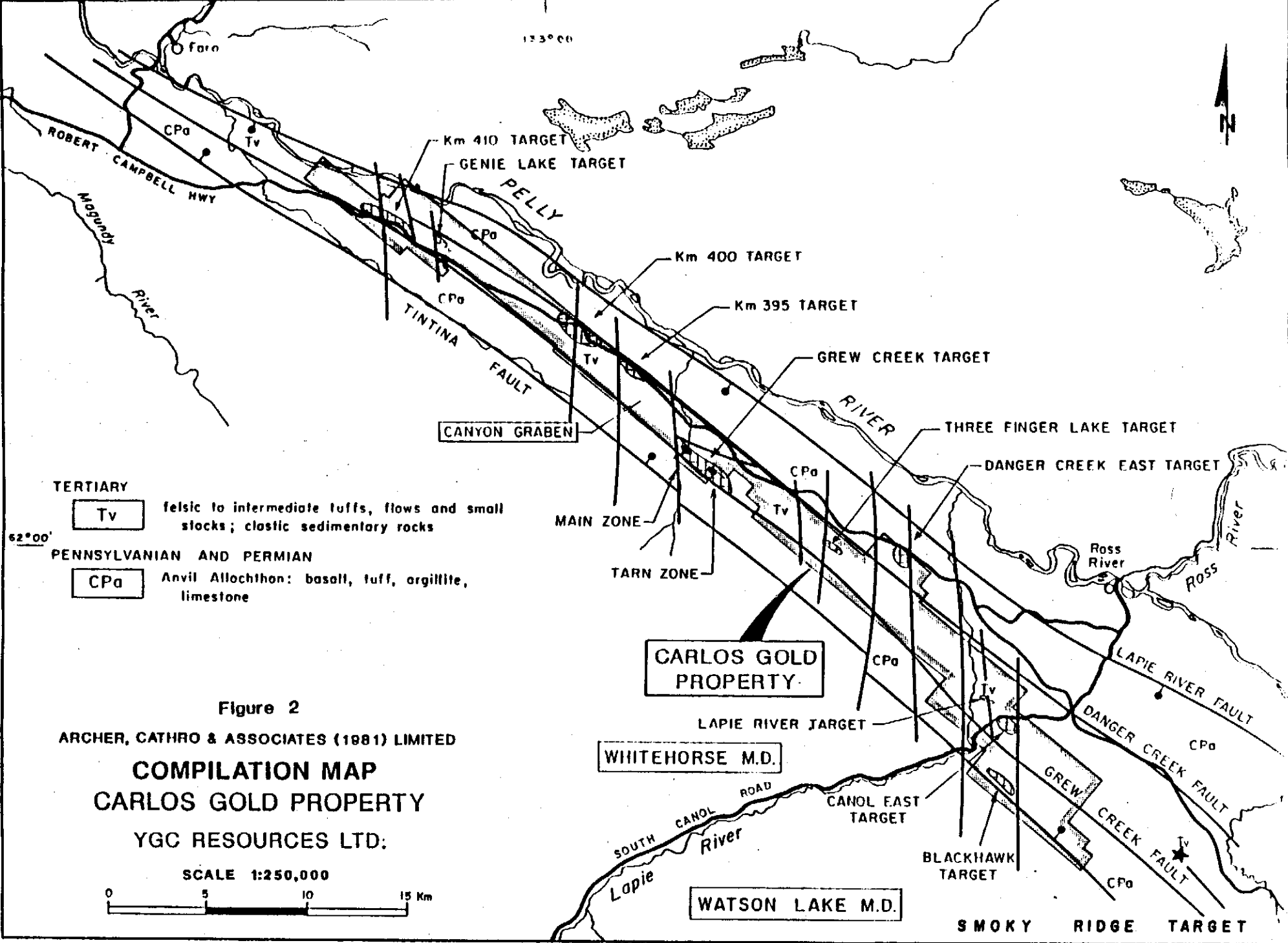


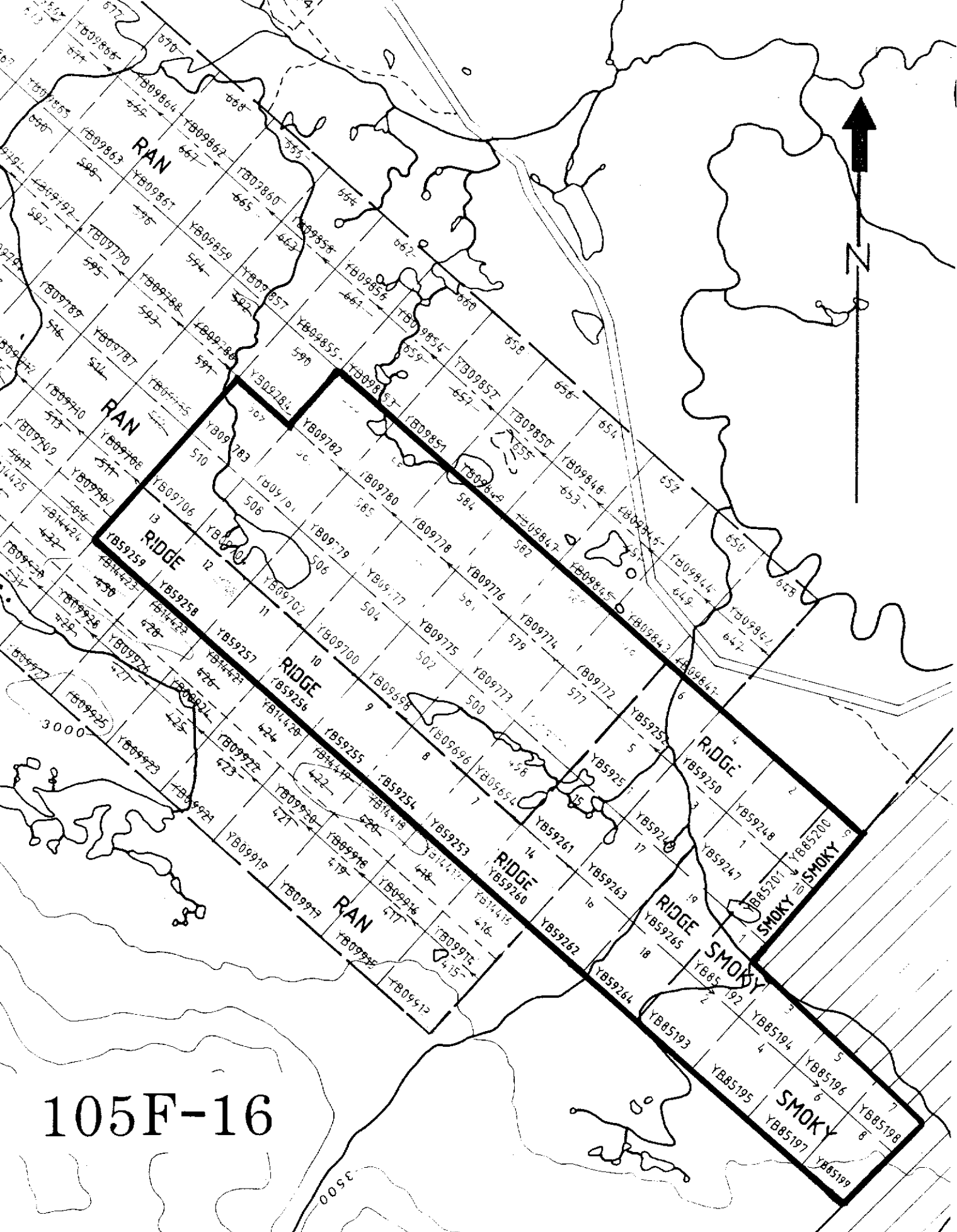
By: A. Carlos (owner of claims)

November 30, 1997

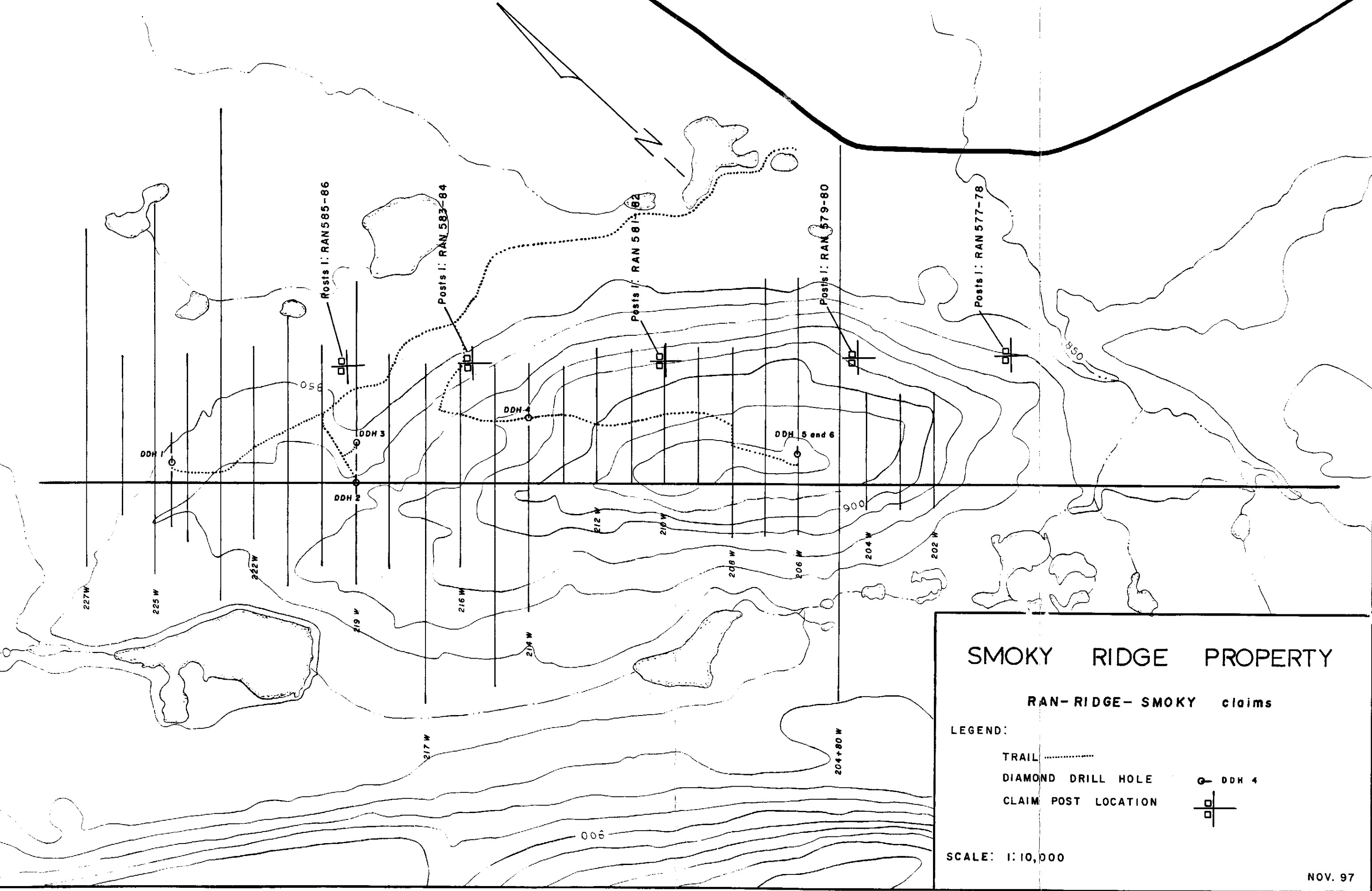
Core stored at 275 Alsek Road

Whitehorse, Yukon






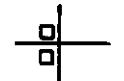
105F-16



SMOKY RIDGE PROPERTY

RAN-RIDGE-SMOKY claims

LEGEND:

- TRAIL
- DIAMOND DRILL HOLE  DDH 4
- CLAIM POST LOCATION 

SCALE: 1:10,000

APPENDIX I
DESCRIPTIVE LOGS
FOR
HOLE R-5 & R-6

Interval		RQD	Rec %	DESCRIPTION		Interval		Core Width	Sample No.	Colour	An	Ag	As	Sb	Hg	
From	To					From	To									
53	54	0	100%	>> porportion of hematitized Lithic Fragments - All Rounded to sub-angular - unit very porous, non-welded - some round lithics have vapour phase rings												
54	55															
55	56	0	100%				54.5	59.5	5'	73386	MAROON BROWN	2.5	20.2	8.0	20.2	20.010
56	57	0	91%													
57	58															
58	59															
59	60	0	100%													
60	61															
61	62															
62	63															
63	64	0	100%		0.06											
64	65															
65	66															
66	67															
67	68															
68	69	0	100%													
69	70															
70	71															
71	72															
72	73	0	100%							GREY						
73	74															
74	75	0	100%	75.5 Red oxidized band 45° to CA →	8.13											
75	76	0	77%	magnetite												
76	77			76.0 Fine plagioclase Lithic in Lithic clasts												
77	78			calcite altered												
78	79	0	100%	79.0 BLACK OBSIDIAN (SHEARED)						BLACK						
79	80			79.5 - 84.0 GRADATIONAL CONTACT IN AND OUT of												
80	81			F.G porphyry dike contact.						GREEN TZ C						
81	82	0	100%													
82	83															
83	84	0	100%	84.0 - 88.0 Fine grained dike?												
84	85			84.0 - 86.0 Brecciated, milled and fractured												
85	86			FRAGMENTS, groundmass comminuted	2.96					Light GREY	6	20.2	19.0	1.7	0.141	
86	87															
87	88															
88	89			88.0 - 110.5 Ash TUFF												
89	90				0.24					GREEN	2.5	20.2	4.7	0.7	0.038	

ASSAY INTERVALS FOR SR#5

<u>From</u>	<u>TO</u>	<u>Au + 8</u>	<u>Sample No.</u>
20'	24.5'	"	73378
24.5'	29'	"	73379
29'	34'	"	73380
34'	35.5'	"	73381
35.5'	39'	"	73382
39'	44.5'	"	73383
44.5'	49.5'	"	73384
49.5'	54.5'	"	73385
54.5'	59.5'	"	73386
59.5'	64.5'	"	73387
64.5'	69.5'	"	73388
69.5'	70.5'	"	73389
70.5'	74'	"	73390
74'	78'	"	73391
78'	84'	"	73392
84'	86'	"	73393
86'	90'	"	73394
90'	94'	"	73395



Intertek Testing Services

Bondar Clegg

Geochemical Lab Report

CLIENT: MR. A. CARLOS
REPORT: V97-02205.0 (COMPLETE)

DATE RECEIVED: 25-AUG-97

PROJECT: NONE GIVEN

DATE PRINTED: 12-SEP-97

PAGE 1 OF 3

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	As PPM	Sb PPM	Hg PPM
D2 73378		<5	<0.2	4	12	94	1	<1.0	<0.2	<0.010
D2 73379		<5	<0.2	4	11	93	2	1.8	<0.2	<0.010
D2 73380		<5	<0.2	3	12	73	1	<1.0	<0.2	<0.010
D2 73381		<5	<0.2	5	10	70	1	1.6	<0.2	0.011
D2 73382		<5	<0.2	6	9	62	1	2.8	<0.2	<0.010
D2 73383		10	<0.2	27	19	100	2	11.0	1.3	0.050
D2 73384		8	<0.2	39	30	123	4	10.0	1.7	0.061
D2 73385		<5	<0.2	17	3	84	<1	6.4	<0.2	0.021
D2 73386		<5	<0.2	14	4	86	<1	8.0	<0.2	<0.010
D2 73387		<5	<0.2	14	4	76	<1	11.0	<0.2	<0.010
D2 73388		<5	<0.2	12	4	83	<1	3.9	0.6	0.027
D2 73389		6	<0.2	40	32	129	2	8.6	1.5	0.059
D2 73390		<5	<0.2	19	7	88	<1	5.3	1.5	0.092
D2 73391		<5	<0.2	19	9	84	<1	3.4	2.7	0.035
D2 73392		<5	<0.2	10	22	104	4	6.8	<0.2	<0.010
D2 73393		6	<0.2	9	7	99	<1	19.0	1.7	0.141
D2 73394		<5	<0.2	10	26	110	<1	4.7	0.7	0.038
D2 73395		<5	<0.2	6	20	92	2	3.3	0.4	<0.010

Bondar-Clegg & Company Ltd.

130 Pemberton Avenue, North Vancouver, B.C., V7P 2R5, Canada

Tel: (604) 985-0681, Fax: (604) 985-1071

Property	NTS	Claim	Elevation	Azimuth N45°E	Length 116'	Dip - 80°
Coordinates	Dip Tests	Advance	Depth	Date Collared	Date Completed	
Purposes			Drilled by A. CARLOS	Assays by		Logged by RAD

Interval From	To	Rec'y %	RQD	DESCRIPTION	MHA Swamp	Interval		Core Width	Sample No.	Colour
						From	To			
0	18			NØ CORE						
18	19			18.0-49.0 Rhyolite Porphyry:	0.37					lt
19	20	100%	0.85	grey-green f to mg matrix with						green
20	21			15% abundant 5-10mm Feldspar Phenocrysts	0.37					gray
21	22			Rounded QTZ egs to 3mm at centre						
22	23			of unit	0.42					
23	24			18.0-29.0 mottled colour & texture due to						
24	25	100%	0.88	Fe-oxides						
25	26			Fe-oxides variable to 39'	0.15					
26	27									
27	28				0.12					
28	29									
29	30	98%	0.88		0.61					
30	31									
31	32				0.11					
32	33									
33	34				0.08					
34	35	100%	0.90							
35	36				0.05					
36	37									
37	38				0.03					
38	39									
39	40	100%	0.89		0.13					
40	41									
41	42				0.07					
42	43									
43	44				0.14					DARK Green
44	45	100%	90							
45	46			46.0-48.0 QTZ-CALCITE MICRO VEINS	0.40					
46	47									
47	48				0.38					
48	49	44%	0	sharp basal contact						
49	50			49.0-58.0 BLACK LAMINATED MUDSTONE						
50	51				0.07					BLACK

Interval		Rec'y %	RQD	DESCRIPTION	MAG SAS	Interval		Core Width	Sample No.	Colour
From	To					From	To			
51	52			52.0 - 53.0 Lt gray Lithic Fragment, small	0.11					
52	53			black wispy shards(?)						
53	54			hematite Lithic @ 51.5'	0.05					GRAY CLASH
54	55	100%	0.54							
55	56				0.08					BLACK
56	57			57.4 Small 2cm Lithic ± Pyrite veins						
57	58	100%	0.20	58.0 - 91.0 LAPILLI TUFF	0.07					
58	59			MACRO, gray, green and black. Lapilli						
59	60			to 0.5 - 2.5 cm avg. Occasional bombs	0.06					GREEN GREEN
60	61	88%	0.40	or Lithic Fragments. Bedded ± possible						
61	62			slump texture beds 45°-90° to str.	0.06					MAKON BROWN
62	63			Fragments are commonly hematized (often						
63	64	73%	0.40	with calcite veins) Abundant pumice	0.06					
64	65			and scoria No visible sign of						
65	66	100%	0.40	welding. Poorly compacted and indurated	0.19					
66	67									
67	68				0.05					
68	69	62%	0.30							
69	70									
70	71				0.66					
71	72									
72	73									
73	74	100%	0.10		0.12					
74	75									
75	76				0.04					
76	77									
77	78									
78	79	100%	0.10	hematized clast ± calcite veins	0.07					
79	80									
80	81				0.05					
81	82									DARK GREEN
82	83				0.30					
83	84	100%	0.20	82.5' Possible lithophase (C) clast ± rim = vapour phase						
84	85			84.75 Small 10cm Latite-ryholite clast						
85	86			85.0 - 87.0 Slump structures, variety of	0.13					
86	87			Lithic						
87	88	100%	0.50		3.01					

Interval		Rec'y %	RQD	DESCRIPTION	Interval		Core Width	Sample No.
From	To				From	To		
88	89							
89	90	100%	0.26	90.0-90.5 BLACK OBSIDIAN LITHICS				
90	91							
91	92			91.0-116.0 ASH FALL TUFF				BLACK
92	93			Light green grey ash tuff. Mostly				
93	94	89%	0.46	v.f.g ash but pieces with lithic clasts				Grey
94	95			are common				Green
95	96							
96	97	100%	0.30	pink-orange-red mineral?				
97	98							
98	99							
99	100							
100	101							
101	102							
102	103	89%	0					
103	104							
104	105							
105	106							
106	107							
107	108							
108	109							
109	110	100%	0.16					
110	111							
111	112							
112	113							
113	114	95%	0.26					
114	115							
115	116							
116	EOH							

APPENDIX II

STATEMENT OF EXPENDITURES

Summary of Expenditures / Work Performed

(a) Diamond Drilling

- Oil and gas	-----	\$ 795.00
- Groceries	-----	\$ 1,750.00
- Drilling fluids	-----	\$ 1,200.00
- Diamond products	-----	\$ 2,750.00
- A.T.V. rental	-----	\$ 1,605.00
- Truck rental	-----	\$ 1,150.00
- Drafting	-----	\$ 100.00
- Assay	-----	\$ 621.14
- Core logging (Aurum Geological)	-----	\$ 900.00

Total work performed on Ran, Ridge, and Smoky claims = \$10,871.14