MINN VA

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January 24th, 1991

Kettle River Resources Ltd.
Dentonia Resources Ltd.
P.O.Box 130
Greenwood, B.C.
V0H 1J0

Attention: George Stewart

Dear George:

Re:Rainbow-Tam O'Shanter Option; Summary to Dec.31,1990

Minnova is pleased to provide you with a summary report on it's exploration activities during the first year of the Rainbow - Tam O'Shanter option. Also attached is a project expenditure summary and a current claim status for your information.

As you know, most our work thus far has been directed at the claims subject to the Moore Option. That option was kept in good standing by payment of the required $20,000 in December. Further work, both on and around the Moore claims, will be carried out in 1991. Work is also planned for the Tam O'Shanter and other areas of the property.

Most of our 1990 work has been detailed in four reports filed or to be filed for assessment. Copies of two of these accompany this letter for your files. The other two are still in prep and will be sent upon completion.

We are looking forward to continuing our exploration of your property in 1991 and trust that this will be a year of discovery.

Yours truly,

Ian D. Pirie
District Geologist

RAINBOW - TAM O'SHANTER

PN 661

Ian D. Pirie

INTRODUCTION

The Rainbow - Tam O'Shanter property is part of the Brenda JV. It was optioned in January of 1990 to cover a large part of the Tertiary Toroda Graben west of the town of Greenwood. The rocks on the 300+ unit property hold significant potential for skarn, porphyry and epithermal mineralization.

The property is under option from Dentonia Resources and Kettle River Resources and a small portion of it is subject to an underlying agreement with D. Moore ("the Moore Option"). Minnova was attracted to it by past results from work done by various operators who had various parts (but never all) of the property at various times. In addition, a 1989 heavy mineral stream sediment survey had highlighted several of the property's drainages.

1990 PROGRAM

Work by Minnova in 1990 was concentrated in the Midway Mine and Tam O'Shanter areas of the property with only limited reconnaissance work elsewhere. It consisted of the following:

Linecutting	-	*52.3 km on the Midway and Tam grids*
Geology	-	*52 km*
Geophysics	-	*45.8 km Mag and VLF*

Geochemistry	-	*2189 soils* *272 lithos*
Trenching	-	*411 m in 9 trenches - Midway area*
Drilling	-	*1171 m in 7 holes - Midway area*
Assays & Geochem.	-	*374 samples from trenching and drilling*

RESULTS

Surface work in the Midway mine area produced both soil and rock geochemical anomalies related to an altered and mineralized quartz-feldspar porphyry intrusion. This intrusion believed to be of Jurassic age, cuts Late Paleozoic sediments and volcanics and an extensive serpentine unit marking a pre-Triassic thrust fault. Drilling and trenching of anomalies produced a 2.8 g/t Au, 218 g/t Ag and 0.33% Zn over 4.5 m (trench) and 0.33 g/t Au and 52.7 g/T Ag over 10.5 m (drill hole) as well as numerous other altered and mineralized zones. However, no potentially economic discoveries were made.

Also intersected in drilling were strong, northeast trending Tertiary structures which remain to fully tested.

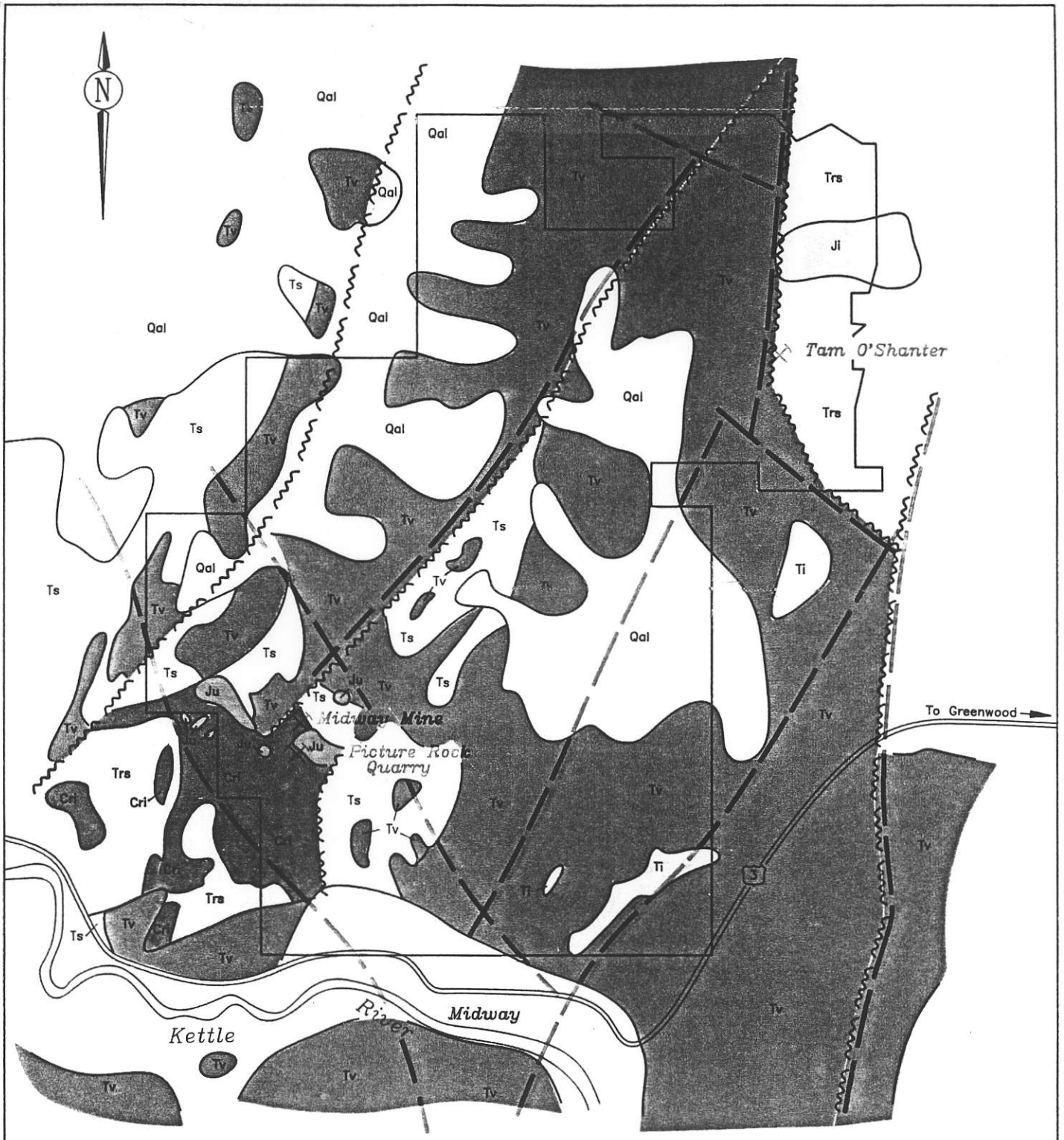
Work in the Tam O'Shanter area was centred around the Deadwood fault, a strong NW trending Tertiary structure. Silicification and clay alteration related to this structure has permeated both basement (Paleozoic) and Tertiary sediments and volcanics. A typical epithermal signature of anomalous Sb, As, and Mo is present and precious metal values are locally anomalous (Au to 2070 ppb). An unexplained gold in soil anomaly is also present and will be further evaluated in 1991.

RECOMMENDATIONS

1. *Follow up epithermal targets in the Tam O'Shanter area.*

2. *Further evaluate Tertiary structures in the Midway area and test for skarn potential at the Phoenix stratigraphic level.*

3. *Evaluate Tertiary structures on the rest of the property.*



LEGEND

Qal	Quaternary Alluvium
Tv	Tertiary Volcanics
Ts	Tertiary Sediments
Ti	Tertiary Intrusives
Cri	Cretaceous or Early Tertiary Intrusives
Ji	Jurassic (Nelson) Intrusives
Ju	Jurassic Ultramafics
Trs	Jurassic or Older Sediments

Major Faults

Airomag Structures

0 1 2 3 4 5km

RAINBOW–TAM O'SHANTER

PROPERTY GEOLOGY

MINNOVA Inc.

FILE: D:\DWG\GEOTAMO

LL/sg

JANUARY 1990

PROJECT EXPENDITURE SUMMARY
1990

PROJECT NAME: RAINBOW PROJECT NO. 661

GEOLOGY				
	Salaries	$48,552		
	Travel Expenses	$1,718		
	Contract Payments	$0		
	Field Expenses	$24,061		
	Analyses	$0	$74,331	22%
GEOPHYSICS				
	Salaries	$0		
	Travel Expenses	$0		
	Contract Payments	$50,076		
	Field Expenses	$0	$50,076	15%
GEOCHEMISTRY				
	Salaries	$10,313		
	Travel Expenses	$0		
	Contract Payments	$0		
	Field Expenses	$1,399		
	Analyses	$31,177	$42,889	13%
DRILLING				
	Salaries	$11,078		
	Travel Expenses	$0		
	Contract Payments	$68,434		
	Field Expenses	$4,598		
	Analyses	$5,233	$89,343	27%
Line Cutting			$9,200	3%
Trenching			$10,000	3%
Hotels and Meals			$10,276	3%
Option Payments			$38,000	11%
Property Maintenance			$4,770	1%
Other (property acquisition)			$7,134	2%
	TOTAL EXPENDITURES		$336,019	
	ADMIN (12% of direct expenditures)		$35,762	
	TOTAL		$371,782	

MINNOVA INC
EXPIRY DATE NOTICES

PROJECT NAME	PROJECT NUMBER	CLAIM NAME	RECORD NUMBER	MONTH	UNITS	AREA (ha)	RECORD DATE	EXPIRY DATE
RAINBOW-TAM O'SHANTER	66180	TAM O'SHANTER	161	11	1	16.09	11/20/75	11/20/94*
RAINBOW-TAM O'SHANTER	66180	IVA LENORE	162	11	1	18.68	11/20/75	11/20/94*
RAINBOW-TAM O'SHANTER	66180	MIDWAY	472	08	9	225.00	08/16/76	08/16/98*
RAINBOW-TAM O'SHANTER	66180	MF	769	05	4	100.00	05/16/77	05/16/98*
RAINBOW-TAM O'SHANTER	66180	SHANTER	1176	07	16	400.00	07/07/78	07/07/93*
RAINBOW-TAM O'SHANTER	66180	VICEROY FRACTION	1561	06	1	25.07	06/11/79	06/11/94
RAINBOW-TAM O'SHANTER	66180	ARLINGTON FR, NO. 9	1562	06	1	8.98	06/11/79	06/11/94
RAINBOW-TAM O'SHANTER	66180	SALAMANCA FR	1563	06	1	20.27	06/11/79	06/11/94
RAINBOW-TAM O'SHANTER	66180	TAM	1616	06	6	150.00	06/28/79	06/28/93
RAINBOW-TAM O'SHANTER	66180	HOT	1754	08	8	200.00	08/29/79	08/29/95
RAINBOW-TAM O'SHANTER	66180	BUCK	1613	06	8	200.00	06/28/79	06/28/94
RAINBOW-TAM O'SHANTER	66180	MONTROSE FRACTION	1644	07	1	19.02	07/09/79	07/09/94
RAINBOW-TAM O'SHANTER	66180	MOTHER	2146	04	8	200.00	04/29/80	04/29/93*
RAINBOW-TAM O'SHANTER	66180	WET	2148	04	6	150.00	04/29/80	04/29/93*
RAINBOW-TAM O'SHANTER	66180	GOLD BUG NO. 2	2249	06	1	20.90	06/05/80	06/05/95
RAINBOW-TAM O'SHANTER	66180	MIDWAY FRACTION	3401	01	1	25.00	01/14/83	01/14/98*
RAINBOW-TAM O'SHANTER	66180	ANNEX	3402	01	20	500.00	01/14/83	01/14/95
RAINBOW-TAM O'SHANTER	66180	GRAHAM CAMP	3403	01	18	450.00	01/14/83	01/14/95
RAINBOW-TAM O'SHANTER	66180	RAINBOW	3404	01	20	500.00	01/14/83	01/14/93
RAINBOW-TAM O'SHANTER	66180	DOWNHILL	3405	01	8	200.00	01/14/83	01/14/95
RAINBOW-TAM O'SHANTER	66180	TROUT	5206	07	12	300.00	07/15/88	07/15/95
RAINBOW-TAM O'SHANTER	66180	INGRAM 1	5334	01	9	225.00	01/06/89	01/06/94*
RAINBOW-TAM O'SHANTER	66180	INGRAM 2	5335	01	18	450.00	01/08/89	01/08/93
RAINBOW-TAM O'SHANTER	66180	RIN #1	5615	12	20	500.00	12/22/89	12/22/92*
RAINBOW-TAM O'SHANTER	66180	MIN #2	5616	12	16	400.00	12/21/89	12/21/92*
RAINBOW-TAM O'SHANTEN	66180	MIN #3	5617	12	12	300.00	12/23/09	12/23/92*
RAINBOW-TAM O'SHANTER	66180	MIN #4	5618	12	20	500.00	12/28/89	12/28/93
RAINBOW-TAM O'SHANTEN	66180	MULE 1	5619	01	1	25.00	01/05/90	0I/05/94*
RAINBOW-TAM O'SHANTER	66180	MULE 2	5620	01	1	25.00	01/05/90	01/05/94*
RAINBOW-TAM O'SHANTEN	66180	MULE 3	5621	01	1	25.0N	01/05/90	01/05/94*
RAINBOW-TAM O'SHANTER	66180	MULE 4	5622	01	1	25.00	01/05/90	01/05/94*
RAINBOW-TAM O'SHANTEN	66180	MULE 5	5623	01	1	25.00	01/06/90	01/06/94*
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RAINBOW-TAM O'SHANTEN	66180	MULE 7	5625	01	1	25.00	01/08/90	01/08/95
RAINBOW-TAM O'SHANTER	66180	MULE 8	5626	01	1	25.00	01/08/90	01/08/95
RAINBOW-TAM O'SHANTER	66180	MULE 9	5627	01	1	25.0N	01/08/90	01/08/95
RAINBOW-TAM O'SHANTER	66180	MULE 10	5628	01	1	25.00	01/08/90	01/08/95
RAINBOW-TAM O'SHANTER	66180	MULE 11	5633	01	1	25.00	01/11/90	01/11/95
RAINBOW-TAM O'SHANTER	66180	GRAHAM FRACTION	5634	01	1	25.00	01/11/90	01/11/95
RAINBOW-TAM O'SHANTER	66180	MULE 4 FRACTION	5691	01	1	25.00	03/15/90	03/15/94*
RAINBOW-TAM O'SHANTER	66180	TAXPAYER	5336	01	20	500.00	01/10/89	01/10/93
RAINBOW-TAM O'SHANTER	66180	PORK FRACTIOA	5354	02	1	25.00	02/17/89	02/17/95*
RAINBOW-TAM O'SHANTER	66180	HOOF	5355	02	20	500.00	02/18/89	02/18/95
RAINBOW-TAM O'SHANTER	66180	HIDE	5356	02	20	500.00	02/18/89	02/18/95*
RAINBOW-TAM O'SHANTER	66180	HORN	5357	03	15	375.00	03/04/89	03/04/95*
RAINBOW-TAM O'SHANTER	66180	MULE 12	5686	03	1	25.0N	03/14/90	03/14/94*
RAINBOW-TAM O'SHANTER	66180	MULE 13	5688	03	1	25.00	03/14/90	03/14/94*
RAINBOW-TAM O'SHANTER	66180	MULE 14	5689	03	1	25.00	03/14/90	03/14/94*
RAINBOW-TAM O'SHANTER	66180	MULE 15	5690	03	1	25.00	03/14/90	03/14/94*
RAINBOW-TAM O'SHANTER	66180	MIN 6	5687	03	6	150.00	03/15/90	03/15/93*

* Subject to filing of reports

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