

MAR 20050007: RACEHORSE CREEK

Received date: Apr 20, 2005

Public release date: Jul 31, 2006

DISCLAIMER

By accessing and using the Alberta Energy website to download or otherwise obtain a scanned mineral assessment report, you ("User") agree to be bound by the following terms and conditions:

- a) Each scanned mineral assessment report that is downloaded or otherwise obtained from Alberta Energy is provided "AS IS", with no warranties or representations of any kind whatsoever from Her Majesty the Queen in Right of Alberta, as represented by the Minister of Energy ("Minister"), expressed or implied, including, but not limited to, no warranties or other representations from the Minister, regarding the content, accuracy, reliability, use or results from the use of or the integrity, completeness, quality or legibility of each such scanned mineral assessment report;
- b) To the fullest extent permitted by applicable laws, the Minister hereby expressly disclaims, and is released from, liability and responsibility for all warranties and conditions, expressed or implied, in relation to each scanned mineral assessment report shown or displayed on the Alberta Energy website including but not limited to warranties as to the satisfactory quality of or the fitness of the scanned mineral assessment report for a particular purpose and warranties as to the non-infringement or other non-violation of the proprietary rights held by any third party in respect of the scanned mineral assessment report;
- c) To the fullest extent permitted by applicable law, the Minister, and the Minister's employees and agents, exclude and disclaim liability to the User for losses and damages of whatsoever nature and howsoever arising including, without limitation, any direct, indirect, special, consequential, punitive or incidental damages, loss of use, loss of data, loss caused by a virus, loss of income or profit, claims of third parties, even if Alberta Energy have been advised of the possibility of such damages or losses, arising out of or in connection with the use of the Alberta Energy website, including the accessing or downloading of the scanned mineral assessment report and the use for any purpose of the scanned mineral assessment report so downloaded or retrieved.
- d) User agrees to indemnify and hold harmless the Minister, and the Minister's employees and agents against and from any and all third party claims, losses, liabilities, demands, actions or proceedings related to the downloading, distribution, transmissions, storage, redistribution, reproduction or exploitation of each scanned mineral assessment report obtained by the User from Alberta Energy.

APR 20 2005
20050007

Assessment Report

RACE HORSE CREEK PROJECT

Metallic & Industrial Minerals Permit No. 9397030045

Submitted by: Dr. Melvin Kropinak
Prospector

Date March 26, 2005

2005 MAR 20 A 8:42
MELVIN KROPINAK

General Files 3200-228
Metallic & Industrial Minerals Assessment
Report – 20050007 – Racehorse Creek
Project
Submitted by: Melvin Kropinak

TABLE OF CONTENTS

Map Identifying Permit Number and Boundaries	Page 1
Map Identifying Permit Number and Boundaries	Page 2
Statement of Expenditures	Page 3
Allocation of Expenditures	Page 4
Introduction, Body and Conclusion of Report	Page 5
Sample Location on Maps	Page 6
Assay Reports	Page 7-9

R5

R4

49° 47' 9" N 49.7858333
114° 37' 18" W 114.621666

49° 46' 20" N
114° 32' 37" W

49.772222
114.5436111

↑ True North

High Rock Range

Window mtn. lake

South Azule house

Nant word

Vicary creek

Permit # 9397030045

Melvin Kropinak

Tp9

British Columbia

B.C. - Albc. border

Seven sisters mountain

Crownest mountain

Deedman Pass

Allison creek

McGillivray Creek

49.6991667 49° 41' 57" N
114.622222 114° 37' 20" W

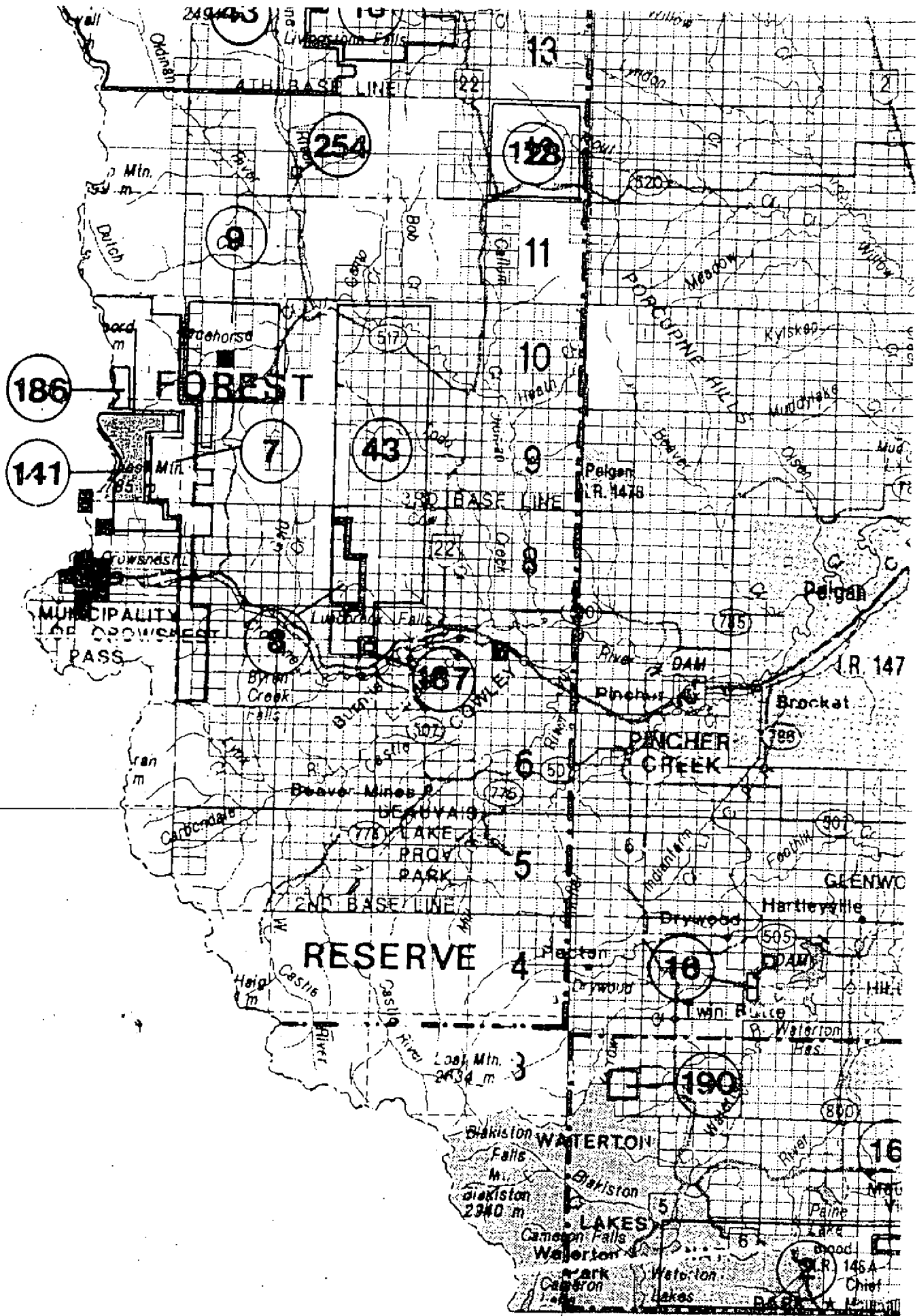
49° 41' 59" N
114° 35' 21" W

49.6997222
114.5891667

T8

R4 W5

R5



STATEMENT OF EXPENDITURES

Metallic & Industrial Permit No. 9397030045

Description	Cost	Total cost
Salary and wages -prospecting Mel Kropinak [REDACTED] Sarah Kropinak [REDACTED] Eric Kropinak [REDACTED] Lindsay Cornborough [REDACTED] -report preparation [REDACTED]	[REDACTED]	17,768.00
Field Costs Accommodation/meals (\$50/day x 110) Travel costs (2 trips) Fuel Assaying costs Acme Analytical Labs	5500.00 400.00 120.00 577.80	6,020.00
Office charges Maps, photocopies Office consumables Telephone long distance Postal	8.00 3.00 3.00 10.50	24.50
Grand total		* 24,390.30

I certify that these expenditures are valid and were incurred in conducting assessment work on the above permit.

Signed:

[REDACTED]

Mel Kropinak

Sworn before me this 15th day of April 10th in the City of Nanaimo, B.C.

SHARON K. KROG
 A Commissioner for Taking Affidavits within British Columbia.
 Baccitor & Solicitor
 #207-155 Skinner Street
 Nanaimo, B.C. V9R 5E8
 Ph: (250) 716-8755

ALLOCATION OF EXPENDITURES

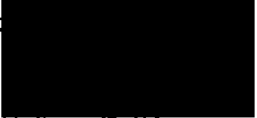
Permit No.	Ha.	Expenditure Required	Previous Credit	Expenditure Assigned
9397030045	2,455	\$36,825.00	\$18,564.13	\$18,260.87

During 2003 and 2004 assessment work included prospecting and the collection of soil samples for the purpose of geochemical testing for precious metals and base metals. Geochemical tests were carried out by Actlabs of Ancaster, Ontario.

Over the course of both years, three other people besides myself were involved in the assessment work. Collecting soil samples and surface prospecting, as opposed to shaft sinking or trenching is preferred in our exploration in order to eliminate surface disturbance. The work performed also included studying terrain and studying various rock types.

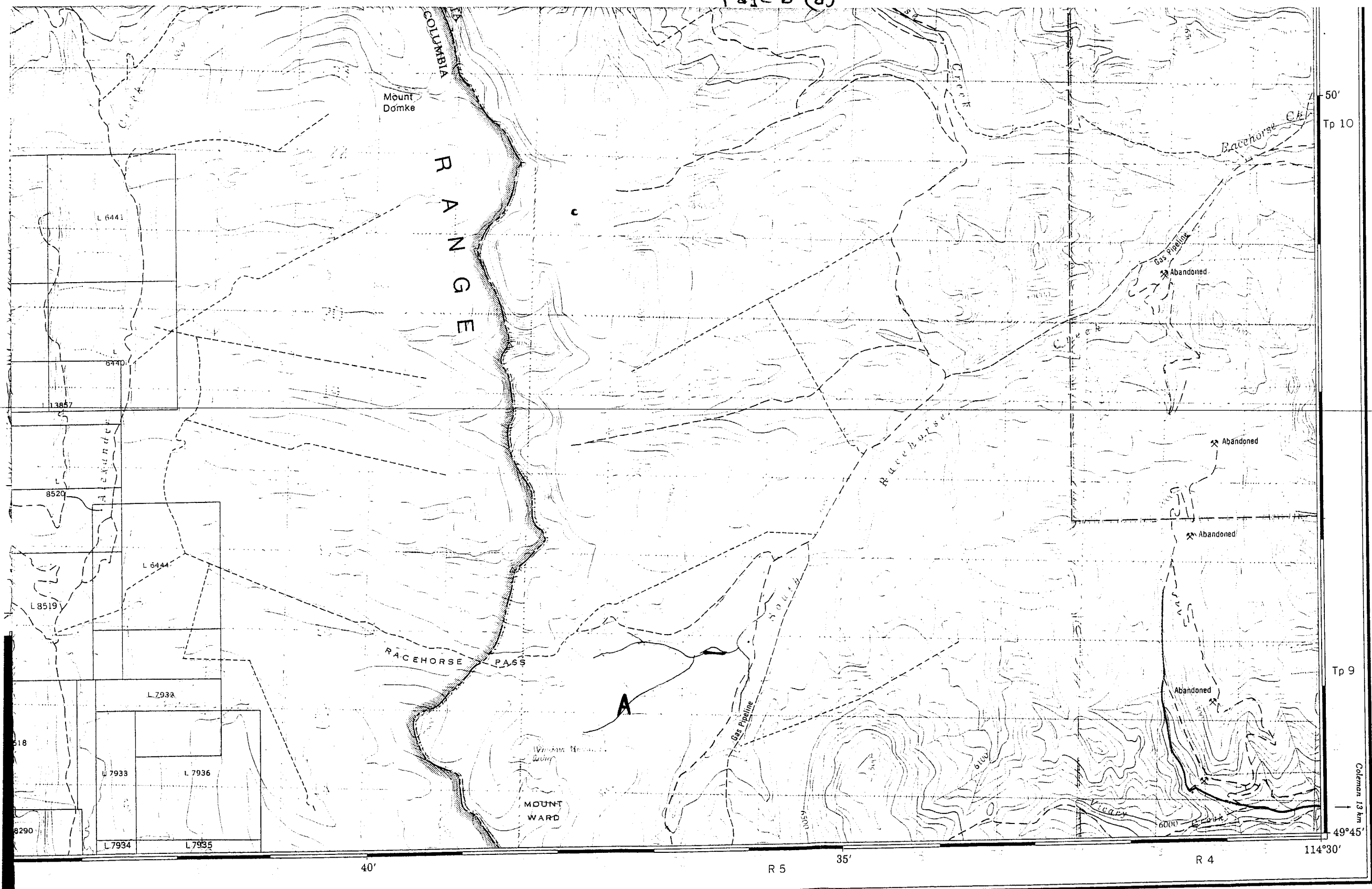
The location of the work is township 9, Range 4, West 4 meridian and the land is designated by permit number 9397030045. The name of the permit holder is Melvin Kropinak.

Soil samples collected are highlighted on the map provided. The soil samples did not show any appreciable amounts of precious or base metals, and as a result, further exploration will be concentrated further south on the tributary of the creek marked "A" in red ink.

Signed: 

Melvin Kropinak, prospector

Sample			Location		
ID#	When collected	Method	Description	GPS Readings	Notes
A04-2760	Aug. 8, 2004	18 soil Samples (25 meters apart)	Amt. 500 gms. fine brown black soil	N49 46 257 W114 36 410 to N49 46 263 W114 46 540	tributary of south Race horse Creek



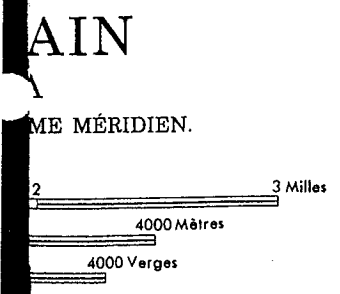
EXEMPLE DE LA METHODE EMPLOYEE POUR FIXER DES REPERES A 100 METRES PRES

REFERENCE POINT POINT DE REPERE	CHURCH EGLISE	100 METRES 100 METRES
CASTING Read number on grid line immediately below point		
ABSCISSE Note the digit of the figure in quadrangle immediately to the right of the point		97
Estimate tenth of a square foot this side eastward to point		
Estimate the number of hundredths of a foot between the figure and the point in direction east		5
		975
NORTHING Read number on grid line immediately below point		
ORDONNEE Note the digit of the figure in quadrangle immediately to the right of the point		98
Estimate tenth of a square foot this side northward to point		
Estimate the number of hundredths of a foot between the figure and the point in direction north		4
GRID REFERENCE		984
REFERENCE TO QUADRANGLE		5984

TABEAU D'ASSEMBLAGE DU SYSTEME NATIONAL DE REFERENCE CARTOGRAPHIQUE

115°30'	114°00'	50°15'
82 J/3	82 J/2	82 J/1
82 G/14	82 G/15	82 G/16
82 G/11	82 G/10	82 G/9
49°30'	115°30'	114°00'

INOEX TO ADJOINING MAPS OF THE NATIONAL TOPOGRAPHIC SYSTEM



Information concerning location and precise elevation of bench marks can be obtained by writing to the Geodetic Survey, Surveys and Mapping Branch, Ottawa.

CONVERSION SCALE FOR ELEVATIONS

Metres 30 20 10 0 50 100 150 200 250 300 Metres

Feet 100 50 0 100 200 300 400 500 600 700 800 900 1000 Pieds

CONTOUR INTERVAL 100 FEET
Elevations in Feet above Mean Sea Level
North American Datum 1927
Transverse Mercator Projection

On peut obtenir des renseignements sur le lieu et l'altitude exacte des repères de nivellement en écrivant aux Levés géodésiques, Direction des levés et de la cartographie, Ottawa.

ÉCHELLE DE CONVERSION DES ALTITUDES

ÉQUIDISTANCE DES COURBES 100 PIEDS
Élévations en pieds au-dessus du niveau moyen de la mer
Système de référence géodésique nord-américain, 1927
Projection Transverse de Mercator

A - tributary of South Racehorse creek

— red ink line - 18 soil samples.

Établie par la DIRECTION DES LEVÉS ET DE LA CARTOGRAPHIE, MINISTÈRE DE L'ÉNERGIE, DES MINES ET DES RESSOURCES. Mise à jour à l'aide de photographies aériennes prises en 1977, provenant de la DIRECTION DES LEVÉS ET DE LA CARTOGRAPHIE, MINISTÈRE DE L'ENVIRONNEMENT, COLOMBIE-BRITANNIQUE. Vérification des ouvrages en 1979. Publiée en 1980.

Ces cartes sont en vente au Bureau des Cartes du Canada, ministère de l'Énergie, des Mines et des Ressources, Ottawa, ou chez le vendeur le plus près.

© 1980. Sa Majesté La Reine du Chef du Canada. Ministère de l'Énergie, des Mines et des Ressources.

TORNADO MOUNTAIN
82 G/15
EDITION 3

Enzyme Leach Job #: A04-2760

Report #: A04-2760

Customer: Mel Kropinak

Contact: M. Kropinak

Trace element values are in parts per billion. Negative values equal NOT DETECTED at that lower limit. Elements arranged by suite and by atomic mass. Values = 999999 are greater than the working range of the instrument. S.Q. = That element is determined SEMIQUANTITATIVELY.

Regular Package:

Sample ID:	Oxidation Suite:														Base Metals:							
	S.Q.	Cl	Br	I	V	As	Se	Mo	Sb	Te	W	Re	Au	S.Q.	Hg	Th	U	Co	Ni	Cu	Zn	Pb
1	-2000		95	22	46	4	-5	2	1.1	-1	-1	-0.01	-0.05	-1	2.3	0.7		8	5	11	-10	27
2	6250	306	29	81	11	22	11	2.2	-1	2	0.07	-0.05	-1	0.5	0.8		10	16	16	23	3	
3	2510	338	31	96	8	28	12	2.8	-1	2	0.06	-0.05	-1	0.4	1.1		7	11	18	11	2	
4	10800	223	24	58	7	21	13	2.1	-1	2	0.07	-0.05	-1	0.9	2.1		5	11	16	17	1	
5	2300	96	18	27	5	-5	3	1.3	-1	-1	-0.01	-0.05	-1	1.9	0.8		14	8	8	15	4	
6	-2000	136	23	48	8	8	5	1.8	-1	-1	0.02	-0.05	-1	1.8	1.1		16	15	12	55	4	
7	-2000	123	25	40	5	6	3	1.4	-1	-1	-0.01	-0.05	-1	5.9	1.7		9	8	8	-10	3	
8	-2000	137	20	29	3	5	2	0.9	-1	-1	-0.01	-0.05	-1	3.8	2.2		4	4	10	-10	2	
9	-2000	151	29	60	6	6	6	1.3	-1	2	0.02	-0.05	-1	1.9	1.6		7	14	12	16	2	
10	10200	253	19	69	11	13	10	2.4	-1	2	0.06	-0.05	-1	0.7	1.0		5	13	14	11	1	
10 REP	6070	239	15	56	10	11	9	1.9	-1	1	0.07	-0.05	-1	0.6	1.0		5	10	11	16	1	
11	6700	265	16	37	8	19	11	2.4	-1	2	0.04	-0.05	-1	0.7	1.6		3	17	13	15	1	
12	5540	257	19	45	10	17	8	1.7	-1	1	0.04	-0.05	-1	0.9	1.4		6	19	12	19	1	
13	-2000	242	25	47	10	22	11	1.9	-1	2	0.08	-0.05	-1	0.5	1.6		5	18	19	11	1	
14	-2000	241	33	62	5	10	8	2.1	-1	2	0.03	-0.05	-1	0.9	0.8		8	11	21	-10	1	
15	-2000	289	20	47	7	18	10	2.3	-1	1	0.11	-0.05	-1	0.5	0.9		8	16	15	47	1	
16	-2000	236	19	32	5	5	3	1.9	-1	-1	0.01	-0.05	-1	3.6	2.2		9	19	8	55	3	
17	-2000	312	22	42	5	8	7	1.3	-1	1	0.02	-0.05	-1	2.3	1.4		5	10	9	20	3	
18	-2000	158	14	41	7	-5	4	1.6	-1	-1	-0.01	-0.05	-1	2.4	1.4		5	10	7	41	4	

Certified By:

C. Douglas Read, B. Sc.
Laboratory Manager, Activation Laboratories Ltd.

This report shall not be reproduced except in full without the written approval of the laboratory. Unless otherwise instructed, samples will be disposed of 90 days from the date of this report.

Date Received: 17-SEP-04

Date Reported: 21-OCT-04

Enzyme Leach Job #: A04-2760
Trace element values are in parts per
Values = 999999 are greater than the

Regular Package:

Sample ID:	Base Metal - Chalcophile Association Indicators							
	Ga	Ge	Ag	Cd	In	Sn	Tl	Bi
1	-1	-0.5	-0.2	4.1	-0.1	-0.8	0.4	-0.8
2	2	-0.5	-0.2	3.0	-0.1	-0.8	0.2	-0.8
3	2	-0.5	-0.2	2.4	-0.1	-0.8	0.2	-0.8
4	2	-0.5	-0.2	4.6	-0.1	-0.8	0.6	-0.8
5	-1	-0.5	-0.2	7.3	-0.1	-0.8	0.6	-0.8
6	-1	-0.5	-0.2	5.0	-0.1	-0.8	0.6	-0.8
7	1	-0.5	-0.2	3.5	-0.1	-0.8	0.3	-0.8
8	2	-0.5	-0.2	4.1	-0.1	-0.8	0.2	-0.8
9	-1	-0.5	-0.2	2.6	-0.1	-0.8	0.3	-0.8
10	2	0.8	-0.2	2.1	-0.1	-0.8	0.7	-0.8
10 REP	2	-0.5	-0.2	2.4	-0.1	-0.8	0.6	-0.8
11	1	-0.5	-0.2	3.9	-0.1	-0.8	0.6	-0.8
12	-1	-0.5	-0.2	3.9	-0.1	-0.8	0.4	-0.8
13	-1	0.7	-0.2	2.3	-0.1	-0.8	1.4	-0.8
14	2	0.6	-0.2	3.1	-0.1	-0.8	0.3	-0.8
15	-1	0.6	-0.2	4.9	-0.1	-0.8	0.3	-0.8
16	2	-0.5	-0.2	12.9	-0.1	-0.8	0.4	-0.8
17	-1	1.1	-0.2	4.6	-0.1	-0.8	0.4	-0.8
18	2	-0.5	-0.2	4.5	-0.1	-0.8	0.3	-0.8

High-Field Strength Elements:							
S.Q. Ti	S.Q. Cr	Y	Zr	Nb	Hf	Ta	
170	-20	20.5	85	-1	2.1	-0.1	
145	-20	5.4	19	-1	0.5	-0.1	
240	-20	5.6	30	-1	0.7	-0.1	
232	-20	10.5	48	-1	1.3	-0.1	
167	-20	17.5	49	-1	1.2	-0.1	
253	-20	12.4	56	-1	1.5	-0.1	
773	-20	40.3	104	-1	3.0	-0.1	
186	-20	43.3	88	-1	2.5	-0.1	
177	-20	22.0	49	-1	1.3	-0.1	
1280	-20	8.3	51	2	1.2	-0.1	
1180	-20	6.9	39	1	1.0	-0.1	
263	-20	5.9	32	-1	0.8	-0.1	
198	-20	10.1	42	-1	1.2	-0.1	
705	-20	6.7	36	-1	0.8	-0.1	
1220	-20	14.1	77	1	1.8	-0.1	
241	-20	5.7	27	-1	0.7	-0.1	
543	-20	20.0	74	1	2.1	-0.1	
697	-20	25.6	58	-1	1.6	-0.1	
281	-20	16.4	40	-1	1.0	-0.1	

Rare Earth Elements:							
La	Ce	Pr	Nd	Sm	Eu	Gd	Tb
9.6	3.1	3.1	14.2	3.4	0.8	2.7	0.5
3.2	2.2	1.0	4.6	1.1	0.3	0.9	0.2
3.1	1.3	0.9	4.0	0.9	0.2	0.9	0.1
6.0	1.9	1.6	7.2	1.7	0.4	1.5	0.3
8.5	9.8	2.6	11.8	2.7	0.7	2.4	0.4
7.2	10.0	2.1	9.8	2.1	0.6	1.8	0.3
19.5	23.1	6.0	28.1	6.7	1.6	5.9	1.0
25.8	6.7	7.4	31.6	7.0	1.7	6.1	1.1
11.4	4.6	3.4	15.1	3.7	0.8	3.1	0.6
4.9	2.4	1.5	5.7	1.3	0.3	1.2	0.2
4.4	1.8	1.2	5.1	1.1	0.3	1.0	0.2
4.3	3.9	1.1	4.8	1.0	0.3	0.9	0.2
7.1	6.7	1.8	7.7	1.7	0.4	1.5	0.3
3.5	3.3	0.9	4.0	0.8	0.2	0.6	0.1
8.3	2.4	2.4	9.9	2.1	0.5	2.1	0.4
3.6	2.2	1.0	4.3	0.9	0.2	0.9	0.1
12.5	17.5	3.6	15.0	3.4	0.8	3.0	0.6
16.1	5.8	4.1	17.8	3.6	0.9	3.5	0.6
9.9	7.8	2.9	11.9	2.9	0.6	2.5	0.4

Enzyme Leach Job #: A04-2760
 Trace element values are in parts per
 Values = 999999 are greater than the
 Regular Package:

Sample ID:							Lithophilic Elements:								P.G.E.s			
	Dy	Ho	Er	Tm	Yb	Lu	S.Q. Li	Be	S.Q. Sc	Mn	Rb	Sr	Cs	Ba	Ru	Pd	Os	Pt
1	2.7	0.6	1.6	0.2	1.7	0.3	-2	-2	-100	2930	31	119	0.2	336	-1	-1	-1	-1
2	0.8	0.2	0.5	-0.1	0.4	-0.1	6	-2	-100	4890	9	367	-0.1	402	-1	-1	-1	-1
3	0.8	0.2	0.5	-0.1	0.4	-0.1	3	-2	-100	2620	7	400	-0.1	244	-1	-1	-1	-1
4	1.4	0.3	0.9	0.1	0.7	0.1	2	-2	-100	2160	40	370	0.2	232	-1	-1	-1	-1
5	2.5	0.5	1.5	0.2	1.4	0.2	-2	-2	-100	5980	47	126	0.1	479	-1	-1	-1	-1
6	1.7	0.4	1.1	0.1	1.0	0.2	3	-2	-100	9180	38	242	0.2	1870	-1	-1	-1	-1
7	5.9	1.2	3.5	0.5	3.1	0.5	6	-2	-100	4320	35	148	0.3	353	-1	-1	-1	-1
8	5.7	1.2	3.4	0.5	3.1	0.5	-2	3	-100	281	32	164	0.2	390	-1	-1	-1	-1
9	3.1	0.6	1.8	0.3	1.6	0.3	2	-2	-100	2880	18	194	0.2	203	-1	-1	-1	-1
10	1.2	0.2	0.7	0.1	0.8	-0.1	4	-2	-100	1910	37	510	0.2	273	-1	-1	-1	-1
10 REP	1.0	0.2	0.6	-0.1	0.6	-0.1	3	-2	-100	1850	33	421	0.1	245	-1	-1	-1	-1
11	0.9	0.2	0.5	-0.1	0.5	-0.1	-2	-2	-100	1140	43	517	0.2	249	-1	-1	-1	-1
12	1.3	0.3	0.9	0.1	0.8	0.1	-2	-2	-100	3280	20	497	-0.1	271	-1	-1	-1	-1
13	0.9	0.2	0.5	-0.1	0.5	-0.1	2	-2	-100	1230	28	339	0.2	227	-1	-1	-1	-1
14	1.9	0.4	1.2	0.2	1.1	0.2	-2	-2	-100	1950	11	235	0.2	305	-1	-1	-1	-1
15	0.8	0.2	0.5	-0.1	0.5	-0.1	3	-2	-100	4550	22	1080	-0.1	239	-1	-1	-1	-1
16	3.1	0.6	1.8	0.2	1.6	0.3	4	2	-100	1870	60	343	0.3	503	-1	-1	-1	-1
17	3.3	0.7	2.0	0.3	1.8	0.3	-2	-2	-100	1140	77	321	0.2	254	-1	-1	-1	-1
18	2.5	0.4	1.3	0.2	1.2	0.2	4	-2	-100	1330	59	271	0.3	802	-1	-1	-1	-1