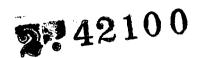
# **Report of Assessment Work**

**ARC Ranger Resources** 





JUL 1 0 2009

GEOSCIENCE ASSESSMENT
OFFICE

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#### 1. Title of Report

**Report of Assessment Work 2008** 

ARC Ranger Resources 22343 – 47<sup>th</sup> Ave, Langley BC V2Z 1M5 604-534-2116

#### 2. Purpose of the Exploration Program

This report presents the results of sampling, trenching and ground magnetic survey carried out during 2008 on behalf of ARC Ranger Resources on the Dunmore claims #4222716, 4222749 and 4222748, located in Dunmore Township, North- Eastern Ontario.

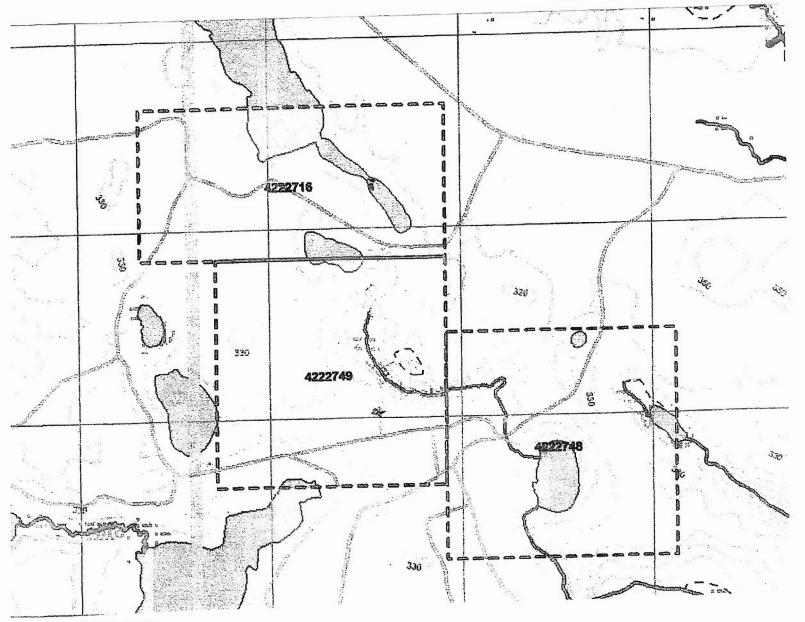
#### 3. Location and Access

To access the claim from Kirkland Lake, drive West via provincial road 66 for about 35 km, then northward for about 25 km on the Watabeag access road. From that point, access is by 4-wheelers, on trails which traverse the properties.

#### 4. Claim Status

The mineral properties have been registered with the Ministry of Northern Development and Mines of Ontario.

The claims are 100% owned by ARC Ranger Resources. All three claims, comprising 26 units, are being actively worked for the period of 2007 to 2008.



Page 3 of 6

#### 5. Previous Exploration History

No known exploration was done in the location chosen for these claims, however claims have been previously staked and have lapsed to the North East and to the South East, with the reports of this work on file at the Kirkland Lake office. .

#### 6. Work Performed Summary

Our work consists of prospecting, which has included various ground surveys with grid patterns, on each claim. Several ground samples were taken of representative materials at the "B" level of the earth. Water samples were also taken. See Section 8.

In total, 2.25 km of base lines and 21.3 km of grid line have been cut for the purpose of a ground magnetic survey, as per accompanying maps. Following a pattern laid out with a GPS (Datum WGS 84), lines were cut at 50 meter intervals, with a picket at the end, for a grid for the beep map survey. All the base lines and grid lines have been surveyed with a GDD Beep Mat model BM8 for a total of 24 km surveyed. When a significant reading was registered on the Beep Mat, a crew was dispatched to investigate, with a small backhoe trenching and relocating till as appropriate, and, depending on what was located, a sample was taken for analysis. Specific magnetic field information was not recorded.

Samples were taken at different locations on the property, with GPS coordinates taken at each position. Copies of all assay reports are in Section 8.

Number of samples taken	Date sample submitted
10	June 12
4	July 9
3	July 11
5	September 5
2	December 10
	samples taken  10  4  3

#### 7. Results of Work

In all the claims, extensive overburden exists, which limits exploration. The predominant soil cover is glacial sand. The land is forested with Jack Pine, Poplar and Birch, with good drainage. Outcrops are limited, and rock is scarce. A creek bed traverses the property, with steep cliffs down to a very limited water system.

Assay data is encouraging. The first indication of gold was in a small, freshly broken rock from the initial sampling site, with visible gold, which indicated 516.887g Au/T when assessed. Larger sand samples from that site indicated 13.220g Au/T. Several other sampling sites to the North are also showing promising results. Assay results are in Section 8.

We continue to expand the area with new claims attached to the existing ones, while working on the existing claims, and collecting information. A geo-chemical survey of the till could also help identify potential target area.

**Appendix** 

**Section 8** 

# **Assays**



1046 Gorham Street Thunder Bay, ON Canada P78 5X5 Tel: (807) 626-1630 Fax: (807) 622-7571 www.accurassay.com assay@accurassay.com

# **Certificate of Analysis**

Thursday, June 19, 2008

Date Received: Jun 12, 2008 Date Completed: Jun 19, 2008

Job #: 455555

Reference:

Sample #: 10 Rock

	The state of the s	To the Street of			
Acc#	Client (D	Au ppb	Pt ppb	Pd ppb	Rh ppb
	D1 -	92	<15	<10	
	D2	114	21	<10	
	D3	<5	<15	<10	
	D4	<b>&lt;</b> 5	18	<10	
		34	<15	<10	
	D5	<5	<15	<10	
	D6	<5	<15	<10	
	D7	32	<15	<10	
	08A	516887	18	<10	
	D8B	4342	<15	18	
	D9	4042	- 1 -		

PROCEDURE CODES: AL4APP, AL4ICPMA

By:

Certified

The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written

approval of the laboratory

Derek Demianiuk H.Bsc., Laboratory Manager

AL907-0764-06/19/2008 2:24 PM



1046 Gorham Street Thunder Bay, ON Canada P7B 5X5 Tel: (807) 626-1630 Fax: (807) 622-7571 www.accurassay.com assay@accurassay.com

#### Certificate of Analysis

Wednesday, July 30, 2008

ARC Ranger Resources Ltd.

22343-47th Ave Langley, B., CAN V2Z 1M5

Ph#: (604) 534-2116 Fax#: (604) 596-8101

Email#: noelranger@shaw.ca

Date Received:

Jul 9, 2008

Date Completed:

Jul 30, 2008

Job #:

ALC: NO.

Reference:

Sample #:

Rock

Acc#	Client ID	Au ppb	Pt ppb	Pd ppb	Rh ppb
	DR-7-1	5	17	<10	
1115-50-2	DR-7-2	<5	<15	<10	
	DR-7-3	<5	<15	<10	
TINES.	DR-7-4c	5	24	<10	

PROCEDURE CODES: AL4APP, AL4ICPMA

Certified By:

TD .. \_\_\_\_

Derek Demianiuk H.Bsc., Laboratory Manager

The results included on this report relate only to the items tested
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AL907-0764-07/30/2008 5:28 PM



1046 Gorham Street Thunder Bay, ON Ceneda, 276 5%5 Tel: (807) 626-1630 Fax: (807) 622-7571 www.accurassay.com

#### Certificate of Analysis

Wednesday, July 30, 2008

Date Received:

Jul 11, 2008

Date Completed:

Jul 30, 2008

Job#;

Reference:

Sample #:

Rock

2

	ويهر ومدد موسود والأشاقة فيشعنه في المستنب من المستنب المستنب المستنب المستنب المستنب المستنب المستنب				
Acc#	Client ID	Au ppb	Pt ppb	Pd ppb	Rh ppb
	SADRI	8	<15	<10	
	SADR2	. 18	<15	<10	
	Sr DR2	<5	□ <15	<10	

PROCEDURE CODES: AL4APP, AL4ICPMA

Certified By:

Certified by

Derek Demianiuk H.Bsc., Laboratory Manager

The results included on this report relate only to the items tested The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory

AL907-0764-07/30/2008 5:29 PM



1046 Gorham Street Thunder Bay, ON Canada, P78 5X5 Tet: (807) 626-1630 Fax: (807) 622-7571 www.accurassay.com ussay@accurassay.com

## Certificate of Analysis

Wednesday, September 24, 2005

Date Received: Sep 5, 2008

Date Completed: Sep 24, 2008

Reference:

Sample #: 4 Sand

CONTROL OF THE PROPERTY OF THE	The state of the s				
Acc#	Client ID	Au ppb	Ft ppb	Pd ppb	
	No 1 Pan Sand	1271	<b>7</b> 3	13	
	Spring Beside #1	43	26	<10	
	No 2 Spot	15	27	14	
	Creek Bed	868	25	11	
	Creek Bed	<b>62</b> 3	22	12	

PROCEDURE CODES: AL4APP, AL4ICPMA

Certified

The results included on this report relate only to the Items tested. The Certificate of Analysis should not be reproduced except in full, withouthe written.

approval of the laboratory

Derek Demianluk H.Bsc., Laboratory Manager

AL907-0764-09/24/2008 2:13 F



1046 Gorham Street Thunder Bay, ON Canada P78 5X5 ref: (\$07) 626-1630 Fax: (807) 622-7571 www.accurassay.com assay@accurassay.com

## Certificate of Analysis

Thursday, December 18, 2008

Date Received: Dec 10, 2008

Date Completed: Dec 18, 2008

Reference:

Sample #: 2 Sand

 d result to the second	the section of the manufacture of the section of th				
Acc#	Client ID	Au ppb	Pt ppb	Pd ppb	p <sub>i</sub>
	Pan Sand Tailings-01	374	<15	<10	
	Pan Sand #1 site-01	13220	<15	<10	

PROCEDURE CODES: AL4APP, AL4ICPMA

Certified

The results included on this report relate only to the items tested. The Certificate of Analysis should not be reproduced except in full, without the written.

approval of the laboratory

Derek Demianiuk H.Bsc., Laboratory Manager

AL907-0764-12/18/2005 1:16 F



# TESTMARK Laboratories Ltd.

# Committed to Quality and Service

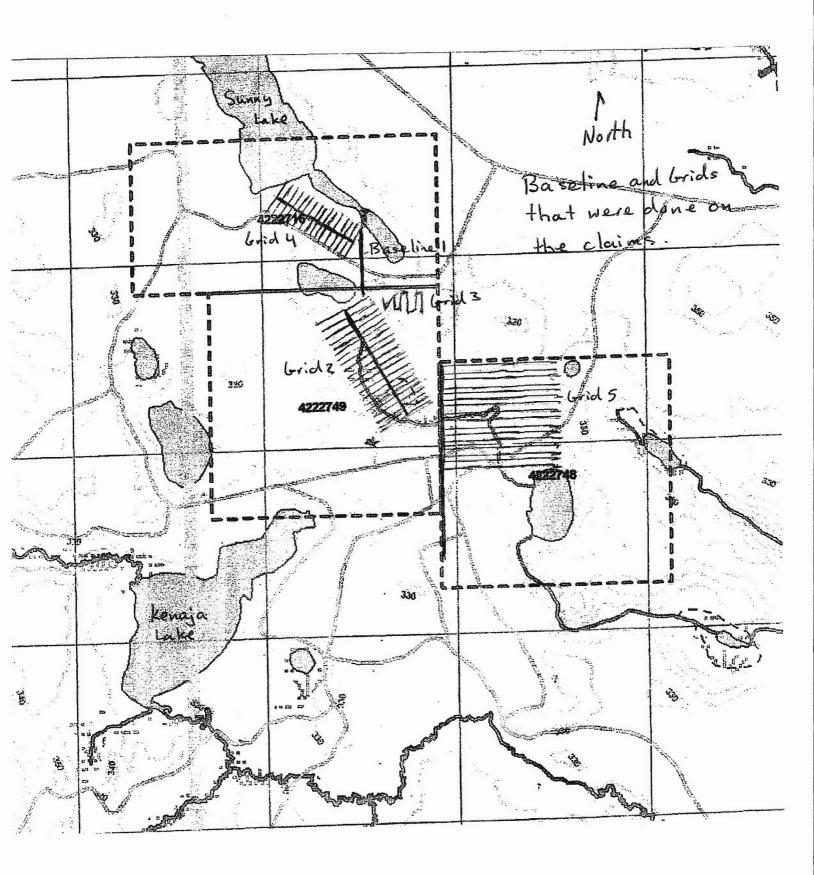
ARC Ranger Resources Ltd.

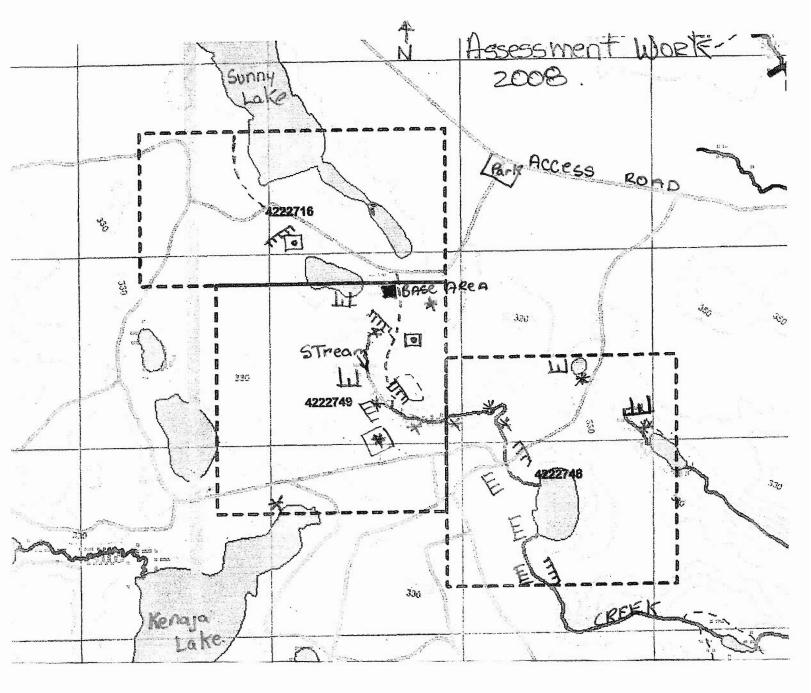
Work Order: 57200

This report has been approved by:

Dr. Xiaojing Li Chief Chemist Ryan Lawrence, B.Sc. Inorganic Section Head

# Maps





[\*] ASSAY Location (may be more than one sample Taken at same area)

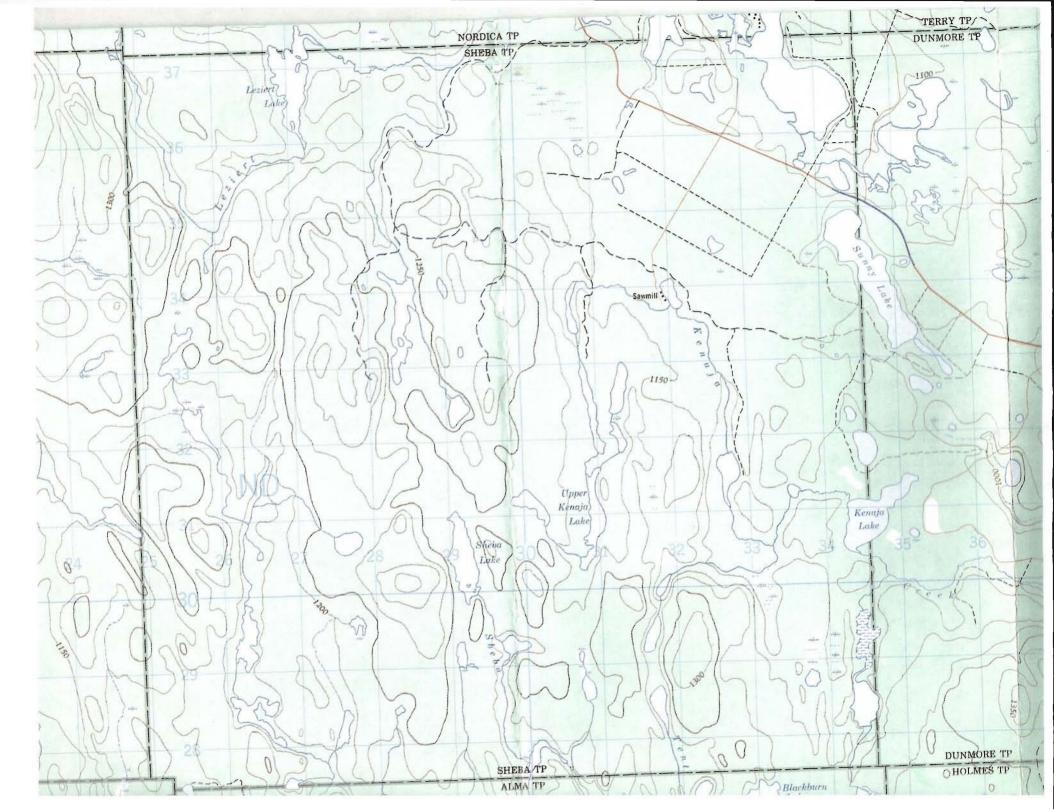
To Trench

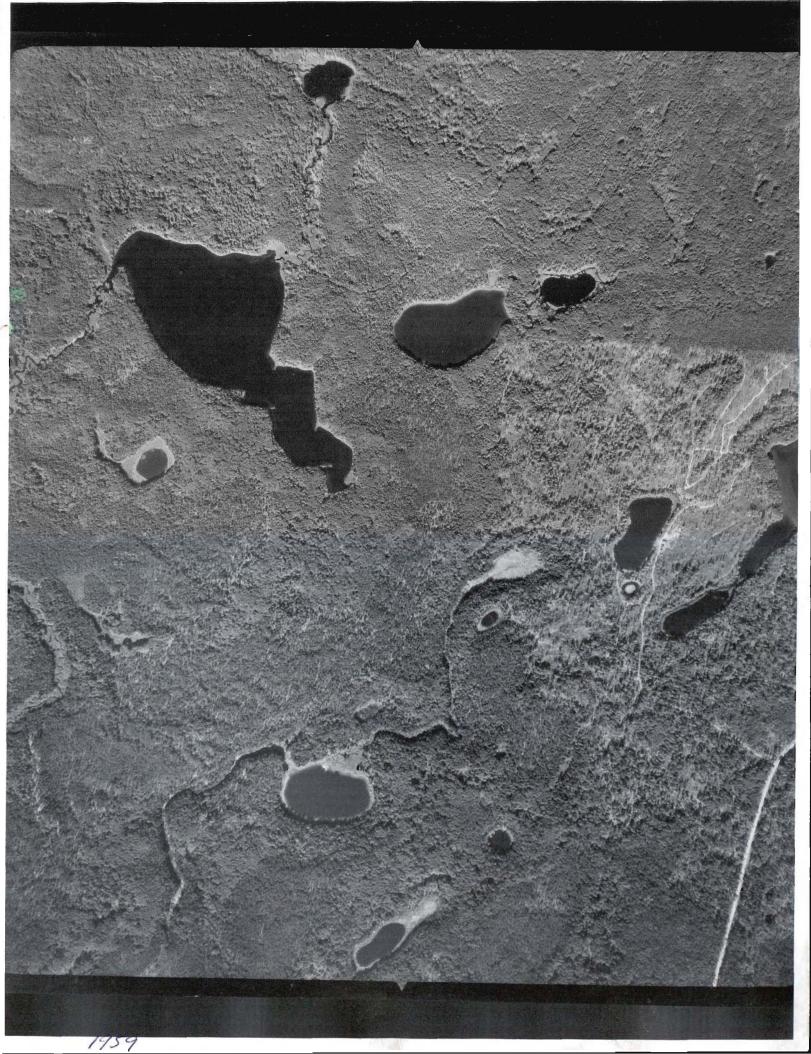
Tum Steep Incline

[-- TRAILS

El Road (old logging road)

III SWAMP





Prospecting Work and Physical Work Maps

# **Maps of Trenches**

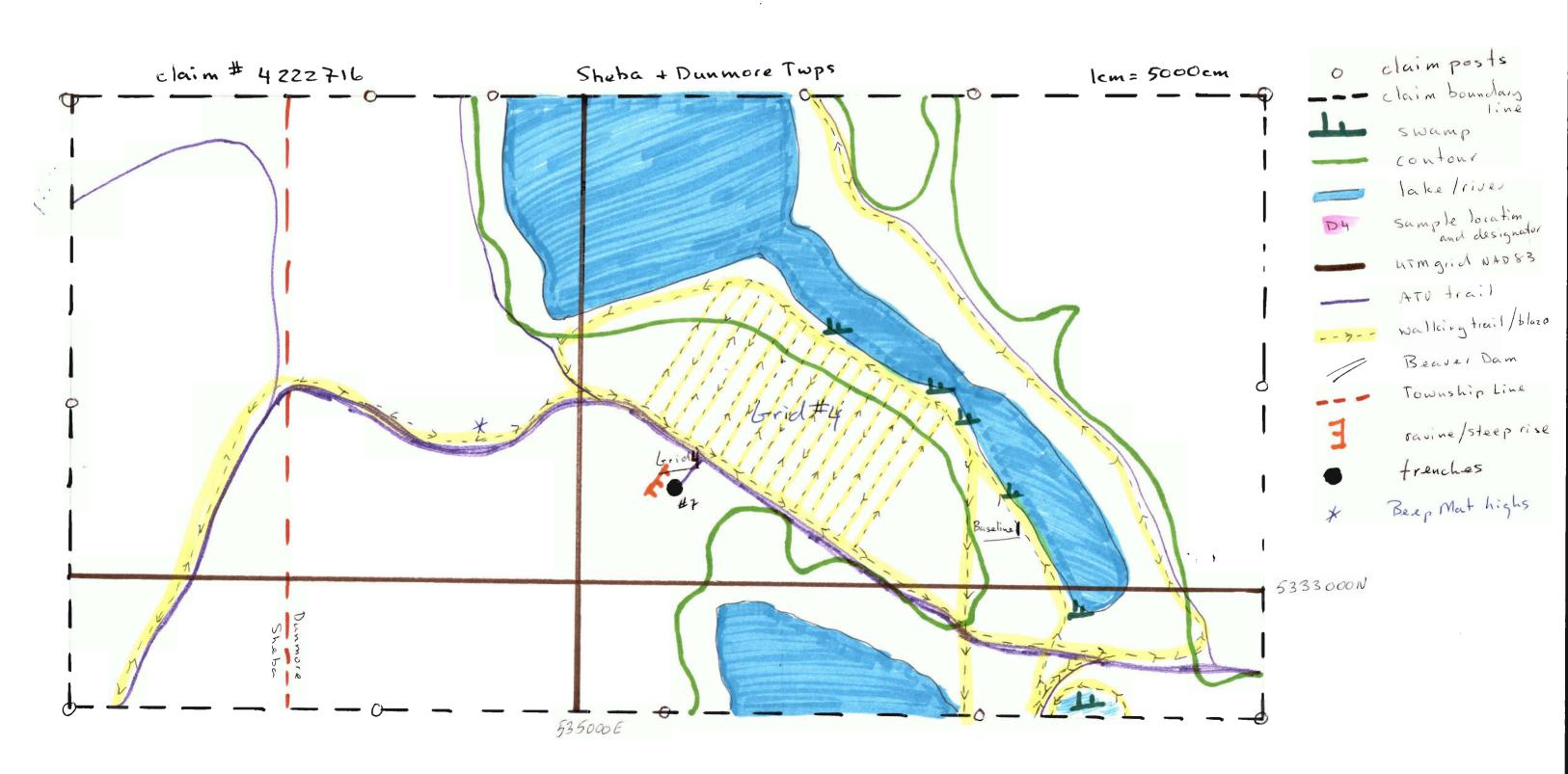


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# Prospecting Map

Physical Work Map



# Prospecting Map

AND

Physical Work Map

o claim posts

ravine steep rise

swamp

walking trail / blazed line
trail (ATV)

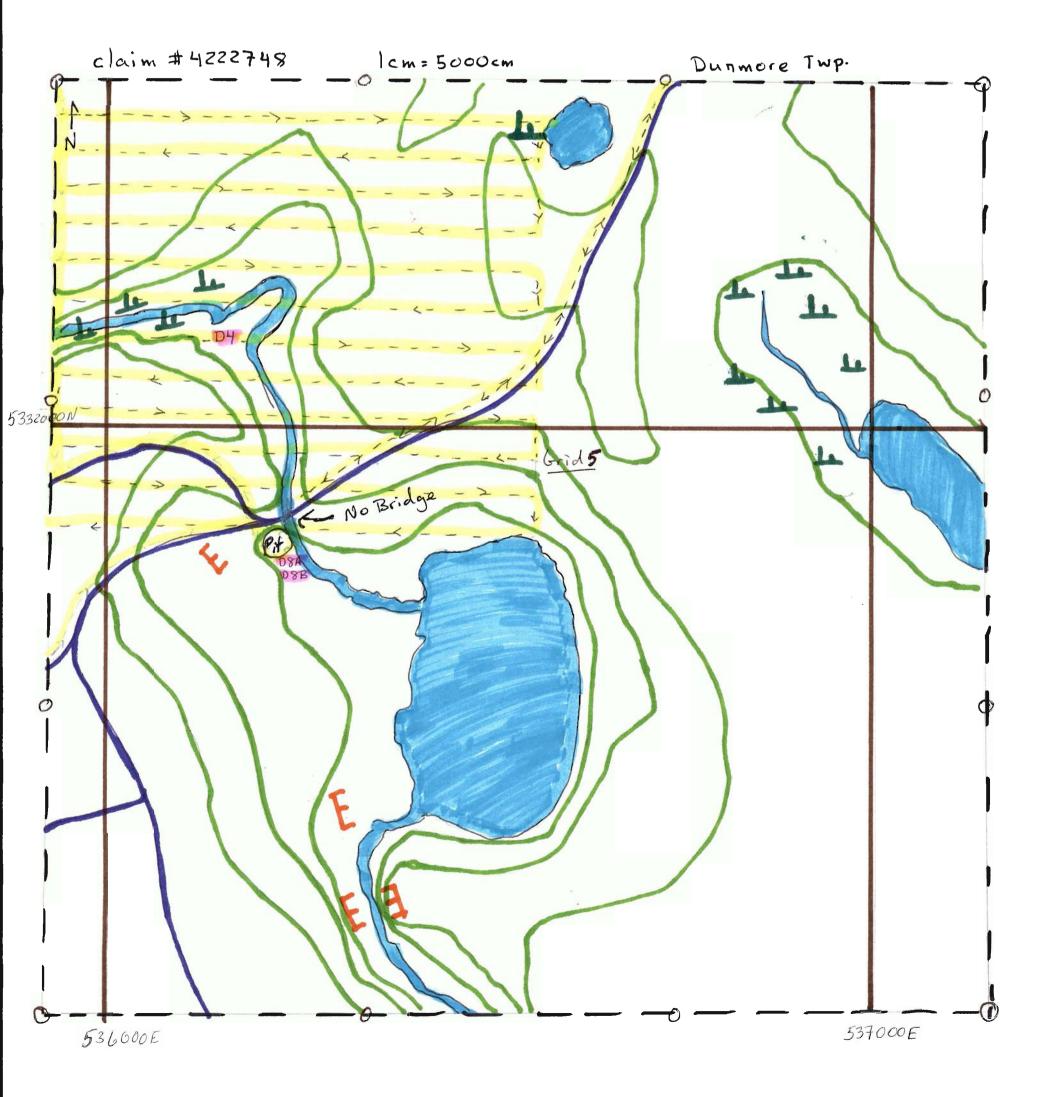
urm grid NAD 83

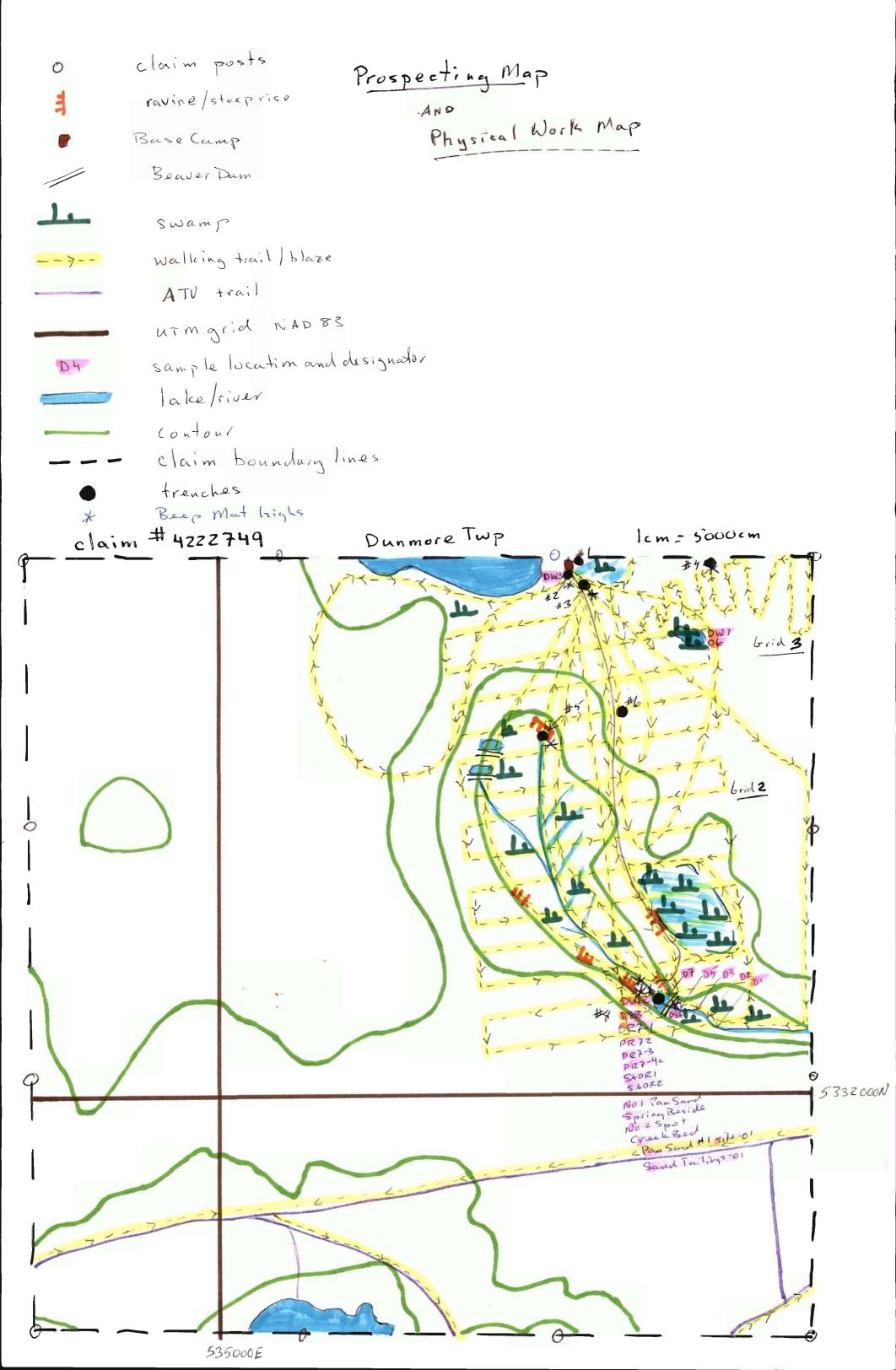
or sample location and designator
lake/river

contour

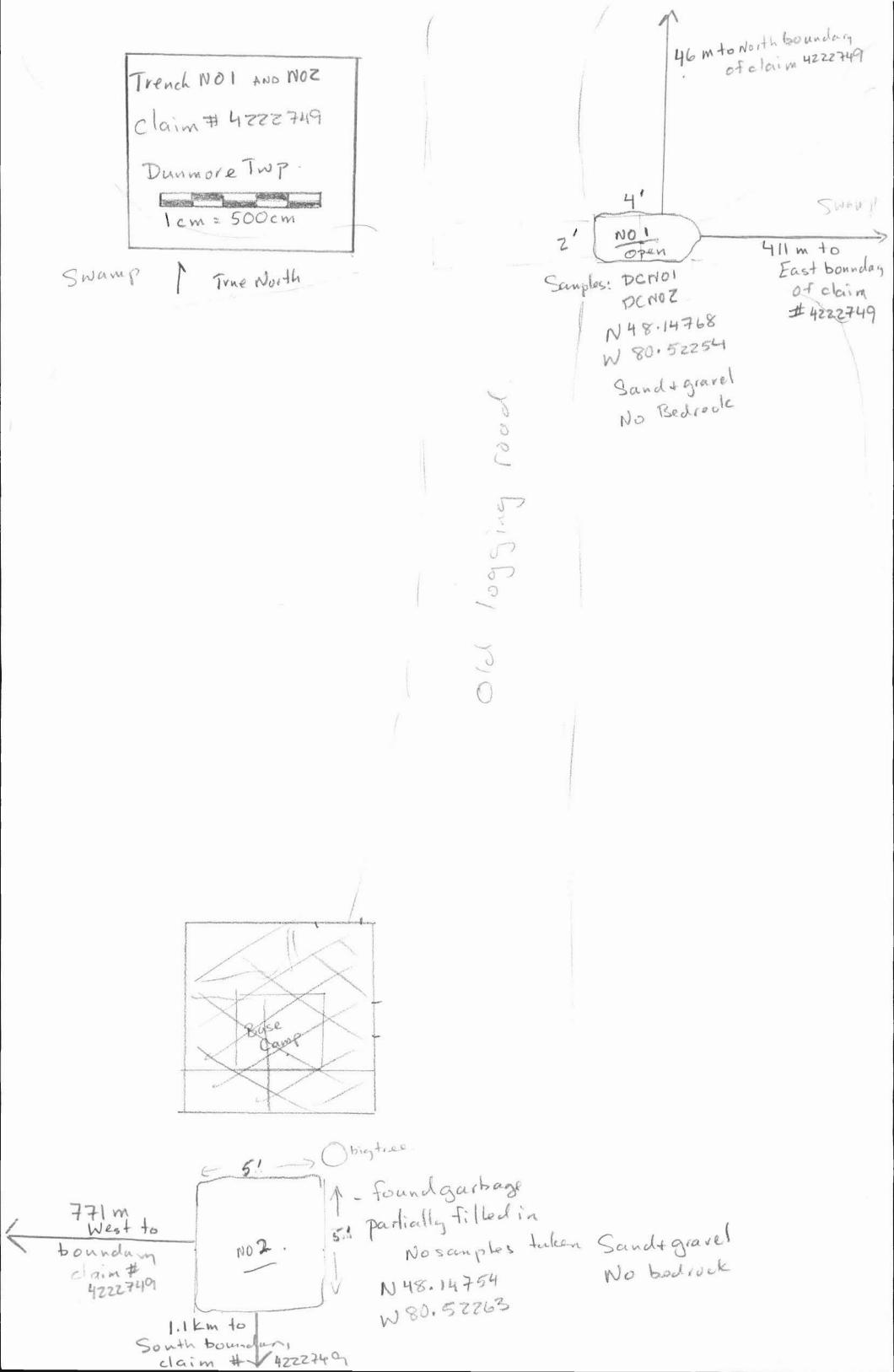
claim boundary lines

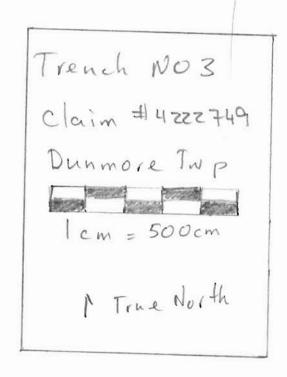
Beep Mat highs





ARC Ranger	Resources
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83m to North boundary of claim # 4222749

Cld Logging

lots of

785m to West boundary Of claim # 4222749 1095115

N48.14733 W80.52247 Found a steel plate Sand + Gravel No Onterops, Norocks Filled IN

NO3

lots of trees

Trench No4 Punmore Twp 1cm = 500cm 1 True North

57m to North

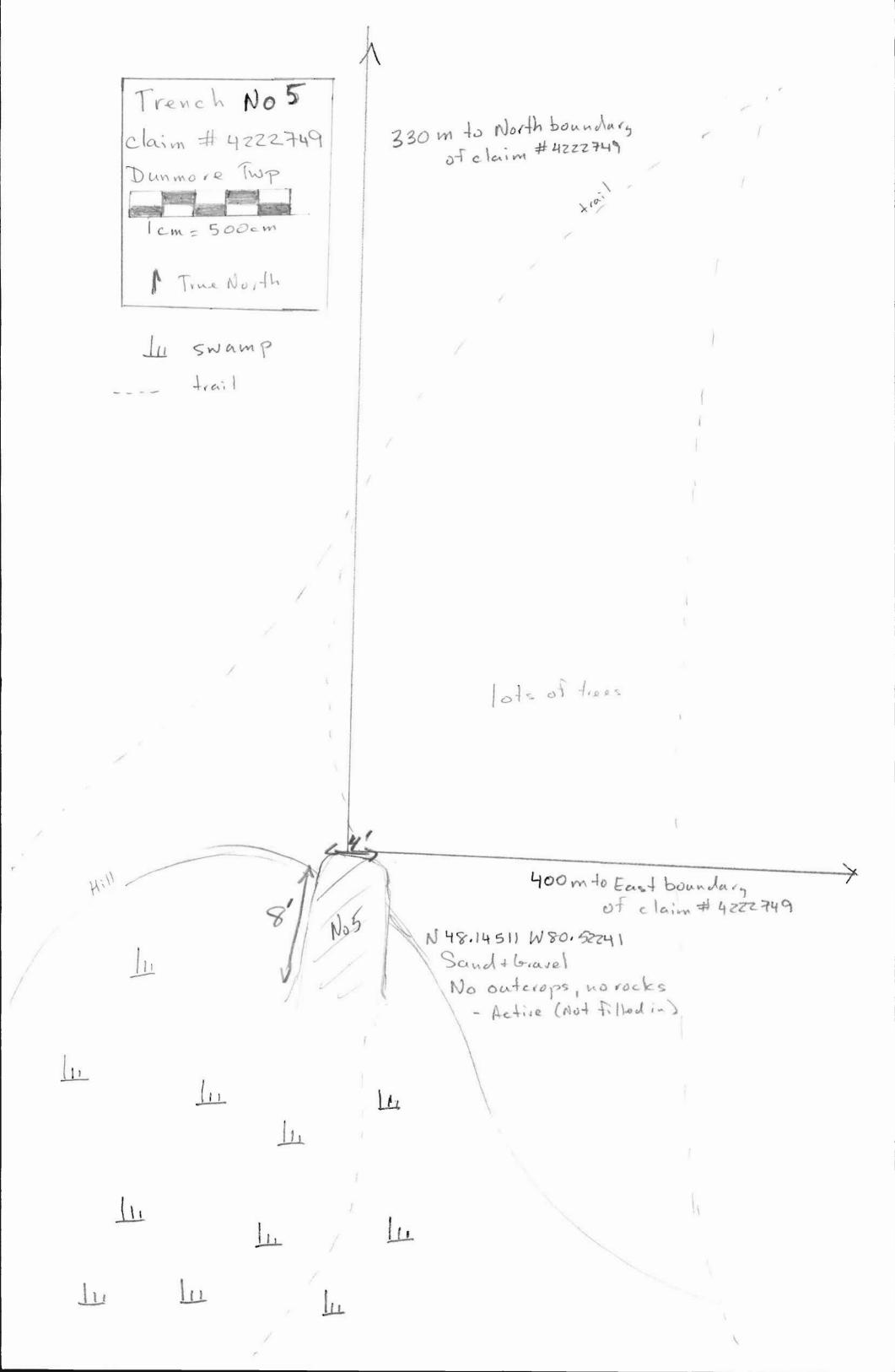
clain \$4022749 21 104 W 80.51837

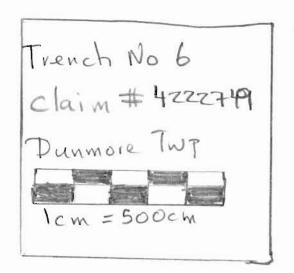
found garbage (cans, steel angle iron) Sand + bravel No Onterops, No rocks

99 m to East boundary

Filled in

lots of trees





1 True North --- trail ici.

272m to North boundary claim # 4222749

765m to West boundary claim #4222749 No 6 ) 5'

-NOT FILLED IN N 48.14574
W 80.52270
Sand+ gravel
No bodrode
Sample "Mighty D-03"

lots of ties

Trench No7
claim# 4222716
Dunmore Twp

Icm = 500 M

1 True North

500m to North boundary of claim # 4222716

cl. l logging road

> 890m to East boundary of claim # 4222716

No7 12!

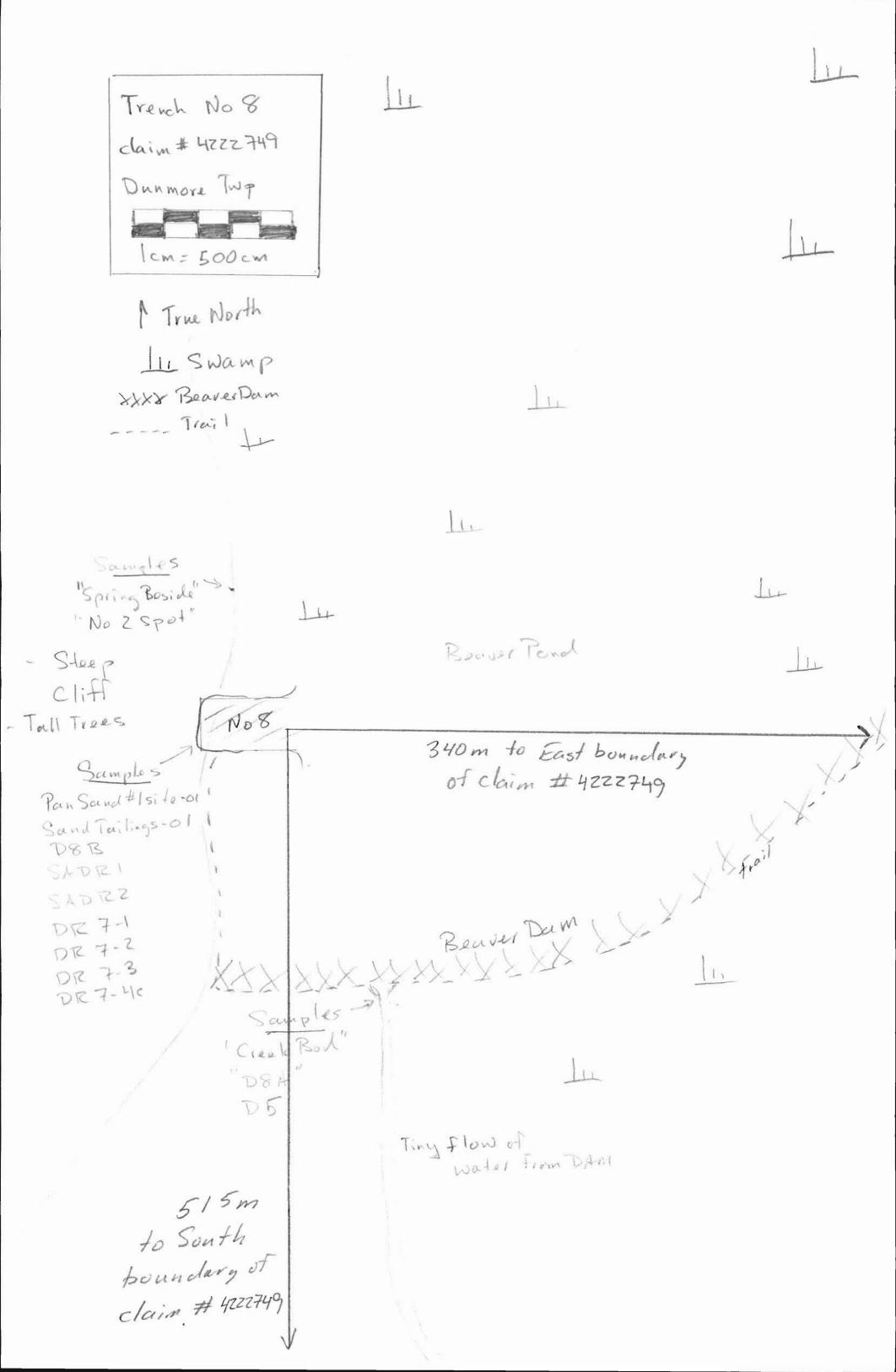
N48.15073 W80.52904 Filled IN Sand 16 miel

> 1 rock sampled "White Quartz - 01"

1,000

4:11

10/5 07 /1205



### 24 May to 3 June 2008

Date	People	Prospecting hours	Physical work	Equipment/location/travel	Nature and content of work	Rocks/mineralization observed
24 May	Noel			Arrived from Vancouver		
25May	Dan			At Dan's		
	Noel			Assemble gear		
	Roger Sari			Build floor sections		
26May	Noel Roger			Roger's Truck -300 km  Dan's Trailer - Rental ATV, generator, chain saw, camping gear  Stayed at hotel in K.L.		
27May	Noel Roger			Worked on camp Cleared brush at camp and on trails		
28 May	Noel Roger	4		Rental ATV	Samples – D1, D2,D3,D4,D5	Sand and gravel No rock outcrops
29 May	Dan	8		Dan's Truck - 300 km	Samples – D8A, D8B	Gold grains in creek
•	Noel	8		Rental ATVs(2), generator,	Panning in Creek	Sand and gravel
	Roger Sari	8 8		chainsaw	Mapping existing roads/trails	No rock outcrops

I was present at the ARC Ranger Resources Claims, and performed the work indicated.

Dan Ranger

**Noel Ranger** 

Roger Ranger

Sari Porter

#### 24 May to 3 June 2008

Date	People	Prospecting hours	Physical work	Equipment/location/travel	Nature and content of work	Rocks/mineralization observed
30May	Dan	8		Rental ATVs(2), generator,	Samples - D7,D8A, D8B, DW2	Boulder in creek
	Noel	8		chainsaw	Baseline for Grid #2	Sand and gravel
	Roger	8				No outcrops
	Sari	8				
31May	Dan	8		Rental ATVs(2), generator,	Samples – DW3,D6, DW1	Sand and gravel
-	Noel		8	chainsaw, shovels, pickax	Baseline #1	No outcrops
	Roger		8		Trench #1 at base camp dried creek bed	
	Sari	8				
l June	Dan	8		Rental ATVs(2), saws, machete,	Grid #2	Sand and gravel
	Noel	8		axe		No outcrops
	Roger	8				
	Sari	8				
2 June	Dan	8		Rental ATVs(2), saws, machete,	Grid #2	Sand and gravel
	Noel	8		axe		No outcrops
	Roger	8				
	Sari	8				
3 June	Dan	8		Rental ATVs(2), saws, machete,	Grid #2	Sand and gravel
	Noel	8		axe		No outcrops
	Roger	8		Break camp, late return home		
	Sari	8				

I was present at the ARC Ranger Resources Claims, and performed the work indicated.

Dan Ranger

Noel Ranger

Roger Ranger

Sari Porter

### 3-6 July 2008

Date	People	Prospecting hours	Physical work	Equipment/location/travel	Nature and content of work	Rocks/mineralization observed
3 July	Dan Roger Eric			Build one more floor section Lumber for walls, plywood Roger's truck – 300km, screen tent Dan's truck & trailer – 300 km Generator, tools, chainsaw, camping gear, fish finder & boat		
4 July	Dan Roger Eric			Work on shack, firewood		
5 July	Dan Roger Eric	4		Checked depth of Claude and Kenaja Lake No fish in Claude Lake	Panning in creek bed Samples – SADR1, SADR2 - DR-7-1, DR-7-2, DR-7-3, DR-7-4c	Sand and gravel No rock outcrops
6 July	Dan Roger Eric			Finish shack, head home	,	

I was present at the ARC Ranger Resources Claims, and performed the work indicated.

Dan Ranger

Roger Ranger

**Eric Forgette** 

### 14-18 July 2008

Date	People	Prospecting hours	Physical work	Equipment/location/travel	Nature and content of work	Rocks/mineralization observed
14 July	Dan Chris Eric			Dan's Truck & Trailer, ATV Generator, tools, chainsaw, camping gear Lumber, outhouse box		
15 July	Dan Chris Eric			Dan's Truck & Trailer, ATV Drive to claim and set up		
16 July	Dan Chris Eric			Worked on camp		
17 July	Dan Chris Eric	4		Worked on shack	Panning in creek Samples – No 1 Pan Sand - Spring Beside - No 2 Spot - Creek Bed	Sand and gravel No rock outcrops
18 July	Dan Chris Eric	8 8 8		Dan's Truck – 300 km Rental ATVs(2), generator, chainsaw	Panning in Creek Mapping existing roads/trails	Gold grains in creek Sand and gravel No rock outcrops

I was present at the ARC Ranger Resources Claims, and performed the work indicated.

Dan Ranger

Chris Ranger

**Eric Forgette** 

#### 6-7 September 2008

Date	People	Prospecting hours	Physical work	Equipment/location/travel	Nature and content of work	Rocks/mineralization observed
6 Sept	Dan Sari Luke	8	8	Luke's Truck & Trailer Dan's Truck & Trailer, ATV generator, chain saw, camping gear, cook stove, bunk beds, chairs	Panning by creek Trench #8 at No 1spot for more sand to pan	Sand and gravel No rock outcrops
7 Sept	Dan Sari Luke	8 8 8			Samples –Pan sand #1site -01 -pan Sand Tailings -01 Baseline for Grid #5	Sand and gravel No rock outcrops

I was present at the ARC Ranger Resources Claims, and performed the work indicated.

Dan Ranger

Sari Porter

Luke Champigny

#### 18-25October 2008

Date	People	Prospecting hours	Physical work	Equipment/location/travel	Nature and content of work	Rocks/mineralization observed
17 Oct	Dan Noel Roger Sari			Noel arrived from Vancouver Assemble gear at Dan's Roger's Truck Dan's Truck & Trailer, Rental ATV, generator, chain saw, camping gear, water pump Sari's Truck & Trailer Beep Mat rental		
18 Oct	Dan Noel Roger Sari Kevin Manny			Travel day Setup camp Kevin's rented gear: - sea container - generator and lights - Mini Kabota loader/backhoe -sluice box and water pump Manny's truck & trailer, wood stove.		
19 Oct	Dan Noel Roger Sari Kevin Manny	8 8 8 8 8			Beep Mat Grid #2 Line clearing Grid #5 Sluice box operating at creek	Sand and gravel No outcrops

IVIAITITY	9	Lam.	·
I was present at the Al	RC Ranger Resources Claims, and pe	erformed the work indicated.	
Danto	-con US		Sold Sold
	,		
Dan Ranger	Noel Ranger	Roger Ranger	Sari Porter
	Wall fren		
<b>V Q V V</b>		,	
Kevin Smith	Manny Ranger		

### 18-25October 2008

Date	People	Prospecting hours	Physical work	Equipment/location/travel	Nature and content of work	Rocks/mineralization observed
20 Oct	Dan	8			Beep Mat Grid #3	Sand and gravel
	Noel	8			Line clearing Grid #5	No rock outcrops
	Roger	8			Samples DCNO1, DCNO2	
	Sari	8				
	Kevin		8	Kubota		
	Manny		8		Trench#1,2&3, by camp/clearing Baseline#2	
21 Oct	Dan	8		Manny left	Beep Mat Grid #3	Sand and gravel
	Noel	8		,	Line clearing Grid #4	No rock outcrops
	Roger		8		Trench #6/Backhoe opened old road	,
	Sari	8			Sample: Mighty-D-03	
	Kevin		8			
	Manny					

I was present at the ARC Range	er Resources Claims, and performe	ed the work indicated.	Ment
Dan Ranger	Noel Ranger	Roger Ranger	Sari Porter
Helder	Mountan		
Kevin Smith	Manny Ranger		

Page 2

### 18-25October 2008

22 Oct	Dan		8		Line clearing Grid #4	Sand and gravel
	Noel	8			Trench #4	No rock outcrops
	Roger	8			Beep Mat Grid #4	
	Sari	8			Panning	
	Kevin		8			
23 Oct	Dan		8		Beep Mat Grid #4	Sand and gravel
	Noel	8				No rock outcrops
	Roger	8				
	Sari	8				
	Kevin		8		Trench #5 & 7	
24 Oct	Dan		7		Beep Mat Grid #5 (partial)	Sand and gravel
	Noel	6			Trench #7	No outcrops
	Roger	6			Sample: White Intrusion Quartz-01	
	Sari	6				
	Kevin		7			
25 Oct	Dan	8		Pack and Go/drive home	Travel day	
	Noel	8				
	Roger	8				
	Sari	8				
	Kevin	8				

I was present at the ARC Range	er Resources Claims, and performe	ed the work indicated.	Shah
Dan Ranger	Noel Ragger	Roger Ranger	Sari Porter
Kevin Smith	Manny Ranger		

### **Beep Mat Anomalies**

	Data	Descriptive	Description	MAG	Description	what was found/samples taken
lat	Date	Descriptive location	and	reading	of rock	What was round/samples taken
Beep Mat	2008	location	HFR/LFR	reaumg	OI TOCK	
eel	2008	WGS84	reading			
					ļ <u>.</u>	T 1 112 0 1 1 20
001	19 October	Grid #2	LFR 1600	-350	Sand and	Trench #3 on October20:
		N 48 08.840			gravel	Metal plate 1.5m x1m
		W80 31.348				
002	19 October	Grid #2	LFR 1940	-475	Sand and	Trench #4 on October 22:
		N 48 08.862			gravel	Angle iron
	_	W80 31.102				
003	19 October	Grid #2	LFR 51	-120	Sand and	Trench #5 on October 23:
		N 48 08.744			gravel	Spring
		W80 31.362				
004	19 October	Grid #2	LFR 750	-200	Sand and	Steep cliff down to Trench #8
		N48 08.513			gravel	
		W80 31.285				
005	19 October	Grid #2	LFR -201	-375	Sand and	Steep cliff down to Trench #8
		N 48 08.524			gravel	
		W80 31.274				
006	20 October	Grid #5	LFR 871	-101	Sand and	Old can
		N 48 08.627			gravel	
		W80 30.823				
007	20 October	Grid #5	LFR 222	-98	Sand and	Steep cliff
		N 48 08.470			gravel	
		W80 30.985				
008	20 October	Grid #5	LFR -631	-142	Sand and	Alarm sounded
		N 48 08.473			gravel	
		W80 30.893				
009	23 October	Grid #4	HFR -521	-517	Sand and	Alarm sounded
		N 48 09.071			gravel	
		W8 31.902				

RECEIVED

OCT 0 9 2009

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### Trenching

Date		Descriptive location	Description	How it		Description of	what was
	# 5		of size	was dug	S	rock	found/samples taken
2008	Trench	WGS84	LxWxD		hours		
31 May – 3	1	Dried creek bed	2'x4'x3'	Shovels	16	Sand and	Sand and gravel
June, then		N48.14768	-active-	then		gravel	DCNO1
21October		W80.52254	2'x4'x8'	backhoe	+		DCNO2
21 Ostabas	_	Claim#4222749 BM -Beside camp	5'x5'x4'	Backhoe	5	Sand and	Old cans and garbage
21 October	2	N48.14754	Filled in	Dackiloe		gravel	Old calls and garbage
		W80.52263	i inca iii			8.2.2.	
		Claim#4222749					
21 October	3	BM – up trail from	2'x4'x6'	Backhoe	6	Sand and	Large steel plate
		shitter	Filled in			gravel	
		N48.14733					
		W80.52247					
22 October	4	Claim#4222749 BM – on road by old	2'x4'x3'	Backhoe	16	Sand and	Old cans/garbage
22 October	4	camp site	Filled in	Dackiloc		gravel	Old Calls/ Ballbage
		N48.14770				8	
		W80.51837					
		Claim#4222749					
24 October	5	Backhoe hole	4'x8'x9'	Backhoe	16	Sand and	Spring
		N48.14511	-active-			gravel	
		W80.52241					
24 October	6	Claim#4222749 Top of hill from	5'x5'x8'	Backhoe	8	Sand and	Mighty -D-03
24 October	U	backhoe hole	-active-	Dackiloc		gravel	Wilghty D 03
		N48.14574	detive			8.2.2.	
		W80.52270					
		Claim#4222749					
24 &25	7	Large Hill	2'x12'x9'	Backhoe	22	At the foot of	White Intrusion Quartz
October		N48.15073	Filled in			a large hill	-01
		W80.52904				Sand and gravel	
31 May – 3	8	Claim#4222716 #1 spot	3'x6'x4'	Shovels	16	Sand and	Spring: D8A,D7
June,	٥	N48.14189	-active-	3		gravel	Pan Sand#1 site -01
3-6 July,		W80.52142					Sand Tailing -01
14-18 July,		Claim#4222749					SADR1,SADR2, DR7-
6-7							1,DR7-2,DR7-3, DR7-
September,							4c,No1PanSand,Spring
21 October							Beside, No2Spot, CreekBed
en magazin samura de la compania del la compania de la compania del la compania de la compania del la compania de la compania del la comp	A. 1124 30	to the same of the state of the same of th	Consequence (2005) Carrier (Consequence Consequence (Consequence	Arrian Lat. A C. F. Arranic (Make of Nation)	440	Law as the first of the substitution of the su	CIERDEU
Totals				Shovels	32		
				Backhoe	78		
				Dacking	_ , ,		CEWED!

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OCT 0 9 2009

Geoscience Assessment Office Trench # 7

claim # 4222716

N 48,15073

W 80.52904



Trench #8

Claim # 4222749

N 48.14189

W 80.52142



Trench #5 claim # 4222749

N 48.14511 W 80.52241

