

Assessment Report Essentials for the Prospector

NLPA workshop, St. John's
March 12, 2015

Stephen Hinchey, Mineral Lands Division
Mines Branch, Department of Natural Resources

Mineral Lands Division, Department of Natural Resources
Questions? Call, Email, Visit. 729-0573 (Trina), 729-5748 (Stephen), 729-6437 (Justin)



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Before we begin...

Assessment report is documentation of annual exploration work
(including a statement of expenditures)

To keep mineral licence beyond one year, must submit assessment report
(and meet expenditure requirements)

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Topic of presentation:
Assessment report essentials

mandatory + strongly
recommended
= essentials

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mandatory	+	strongly recommended
<ul style="list-style-type: none">• title page• location and access• property location map• licence map• current work – what you did• results – what you found• sample table with UTM's• expenditure breakdown per licence• signed assay certificates• any other data collected		<ul style="list-style-type: none">• introduction• table of contents• sample map

essentials

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- essential items for a quality, professional report with findings clearly presented

role of regulators

- administer legislation & regulations
- validate expenditures (uphold system of mineral rights)
- ensure complete reports for future explorers

RSNL1990 CHAPTER M-12
MINERAL ACT
subsections 4(2), (3) & (4) and section
(See subsection 4(5) and 44(2));
Amended:
s74; 1992 cF-7.1 s20; 1992 c41; 1994 c14;
1997 c13 s44; 1998 c14; 1999 cM-15 s25

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role of regulators

- administer legislation and regulations: assessment reports are a requirement under the Mineral Act, our job is to ensure assessment reports meet regulatory requirements
- validate expenditures, ensure that licences are held because work requirements clearly met, ensure the transparency and integrity of our system of mineral rights
- ensure reports contain all necessary information, to be useful for future explorers, public geoscience, value for posterity

role of licence holders

mineral licence is a bargain between licence holder and public

licence holder receives:

- “exclusive right to explore”
- potentially valuable property for option

public receives:

- public geoscience
- increasing knowledge of resource base
- possible future employment
- possible future resource revenue

...none of this without
assessment report

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role of licence holders

- licence grants holder the "exclusive right to explore", thereby alienating the land from others (licence also grants holder the exclusive option to apply for mining lease)
- in exchange for this exclusive right, the licence holder explores and documents the exploration work, thereby providing useful information for future explorers, public geoscience, value for posterity
- exploration work on a licence is not a solely private matter

role of licence holders

exploration industry is ultimately collaborative

exploration industry receives:

licence holder



- possible new discoveries
- positive results to follow up
- negative results to help inform future exploration in area

Today's exploration starts
from yesterday's results –
file your assessment report,
keep the cycle going.

...likely none of this without
assessment report

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role of licence holders

- hopefully significant new discoveries, but regardless of findings, all exploration work is valuable because it will inform future explorers, but needs to be clearly documented in assessment report
- negative results are valuable, inform future explorers of where not to look, or where not to repeat the same type and scale of work
- you are part of an exploration industry, ultimately collaborative effort over the decades

regulators

licence holders

our professional duties are the same:

to ensure reports contain all
necessary information,
clearly presented

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- with respect to assessment reports, our professional duties are the same: to ensure that reports contain all necessary information, clearly presented
- prospecting is a business venture, producing a quality assessment report is a professional requirement

value of assessment report to you

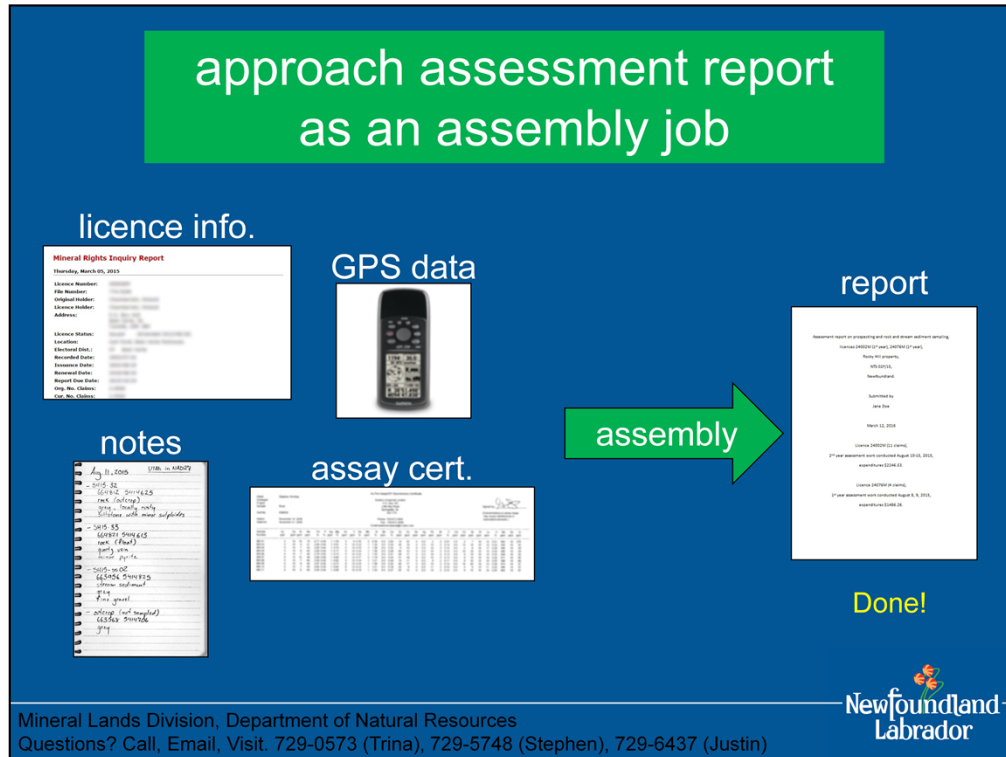
- account of your work
- **ideal information package for companies, conferences**
- quality report demonstrates professionalism
- sample maps advance your understanding, ensure parts of your property not neglected, **essential for promotion**
- your contribution to *posterity* (your report), regardless of your contribution to *prosperity* (your discoveries)

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value of assessment report to the individual prospector

- an account of your work on your property (ideally, an account of all exploration work on your property)
- ideal information package for interested companies, conferences
- quality report demonstrates your professionalism
- producing sample maps and compilation maps advances your understanding, helps you stand back and survey your own work, helps focus your work, helps ensure that parts of property not neglected, essential for promotion
- producing report helps clarify thinking on topic
- your contribution to *posterity* (your report), regardless of your contribution to *prosperity* (your discoveries)



- approach to assessment report: assemble the information and data you have (or really should have) – everything else is gravy and not essential

helpful tips:

- keep formatting simple! (just type)
- assemble the essentials or mandatory items first – extras can be added later if you have time or interest
- maps, sample table, assay certificates, etc. may be submitted as separate files
- report body should be submitted as PDF file, but paper reports are acceptable

now let's review each essential...

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some helpful tips:

- keep formatting simple: don't worry about font sizes, bold, italics, word alignment, etc. (just type what you need to say)
- assemble the essentials or mandatory items first, extras can be added later if you have the time and interest
- maps, sample table, etc. may be submitted as separate files
- can convert document files into PDF files using OpenOffice or LibreOffice, both of which are free software
- OpenOffice and LibreOffice also include spreadsheet programs for making your sample table

Assessment report on prospecting and rock and stream sediment sampling,
 licences 24002M (2st year), 24076M (1st year),
 Rocky Hill property,
 NTS 02F/15,
 Newfoundland.

Submitted by
 Jane Doe

March 12, 2016


Licence 24002M (11 claims),
 2nd year assessment work conducted August 10-15, 2015,
 expenditures \$2246.53.

Licence 24076M (4 claims),
 1st year assessment work conducted August 8, 9, 2015,
 expenditures \$1486.26.

TITLE PAGE

- licences worked
- assessment years
- dates worked
- expenditure totals per licence
- authorship
- ownership

put it all here –
don't worry about
clutter!



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- title page (the title page is the place to write all such important information as licences worked, dates worked, expenditure totals per licence, ownership, authorship; don't worry about clutter)

Table of Contents

Introduction
Location and Access
Current work
Results

Figure 1. Property location map
Figure 2. Licence location map
Figure 3. Sample map

Photos 1 to 4.

Appendix 1. Sample table
Appendix 2. Assay certificates
Appendix 3. Personnel
Appendix 4. Expenditures

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- page numbers not important
- complete list of all report items is important!

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- table of contents (page numbers not important, complete listing of report contents is important) [not mandatory, but essential for a quality, professional report]

Introduction:

The Rocky Hill property consists of licence 24002M (11 claims) staked in 2013 and licence 24076M (4 claims) staked in 2014.

This report describes prospecting, rock sampling, and stream sediment sampling that took place between August 8 and 15, 2015, on the Rocky Hill property. Samples were assayed for Au + ICP-34.

Assay results for rock samples include 0.5 g/t Au and another with 0.1 g/t Au and 0.3% Cu.

INTRODUCTION

- quick summary of property and work

why make someone (e.g. interested company) have to pick through report to find out where you worked, what you did, what you found

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- introduction (basically a summary) [not mandatory, but essential for a quality, professional report]

Location and access:

The Rocky Hill property is located in NTS map area 02F/15, 7 km southeast of Made-Up Cove in eastern Newfoundland.

Property location is shown in Figure 1. Licences locations are shown in Figure 2.

Turn off Route 100 300 m north of Rocky Pond, follow the gravel road for 3.5 km southeast, turn left at the intersection, follow the gravel road for another 200 m. From there, the property can be accessed on foot.

LOCATION AND ACCESS

- just say how you got there

nothing elaborate, just enough detail and accuracy that someone can follow your steps

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- location and access is simply a description of how you got there – nothing elaborate, just enough detail and accuracy that someone else could follow your steps

LOCATION AND ACCESS: property & licence location maps

Live demonstration Geoscience Atlas

<http://gis.geosurv.gov.nl.ca/>

If you need help using the atlas:

http://www.nr.gov.nl.ca/nr/mines/pro prospector/matty_mitchell/Virtual/Exploring-Geoscience-Atlas.pdf

http://www.nr.gov.nl.ca/nr/mines/pro prospector/matty_mitchell/Virtual/Exploring-Geoscience-Atlas-Quick-Guide.pdf

http://geoatlas.gov.nl.ca/custom/help/Help_AtlasTutorial.pdf

<http://geoatlas.gov.nl.ca/custom/help/Help.html>

email: GeoscienceOnline@gov.nl.ca telephone 729-2301

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- can use Geoscience Atlas to make property and licence location maps

CURRENT WORK

Current work:

Prospecting, rock sampling, and stream sediment sampling took place between August 8 and 15, 2014, on the Rock Hill property. Samples were assayed for Au + ICP-34.

Exposure is good except in the western part of licence 24076M where outcrops are rare.

54 rock samples and 3 stream sediment samples were collected and analysed for Au + ICP-34. 30 rock samples and the 3 stream sediment samples came from licence 24002M, 24 of the rock samples came from licence 24076M.

Sample locations are shown in Figure 3. Sample table is included as Appendix 1.

The rocks sampled included siltstone, sandstone, and quartz vein.

- simply what you did

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CURRENT WORK: sample table

sample table =
notes copied into spreadsheet

so let's talk about notes first

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- sample table = your notes copied into a spreadsheet

CURRENT WORK: sample table / notes

basic note-taking is essential

- RISKY not to take notes (GPS can crash or be lost)
- makes assembling assessment report much easier

- record:

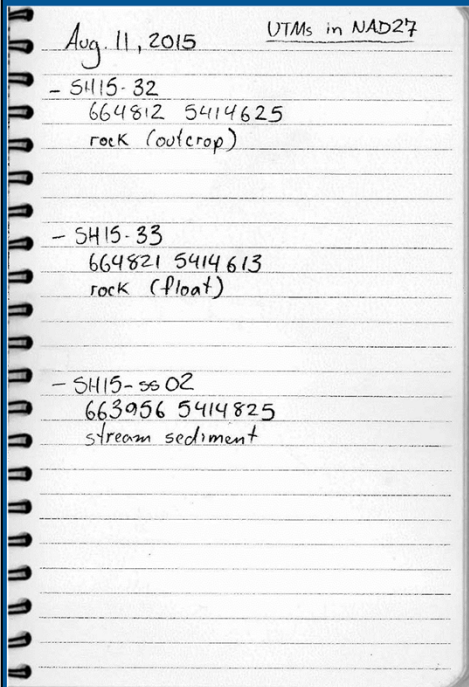
UTM, sample type (rock, soil, etc.) sample number sample source if rock (outcrop or float)	mandatory information
---	--------------------------

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basic note taking is an essential practice:


- risky not to take notes (there have been cases of GPSs crashing or being lost, sample locations lost, work down the toilet)
- taking notes makes assembling assessment report much easier
- notes do not need to be anything elaborate
- most basic note-taking: record UTM, sample type (rock, soil, etc.), sample source if rock (outcrop or float, grab or chip), sample number (mandatory information for report to be accepted)



basic note-taking

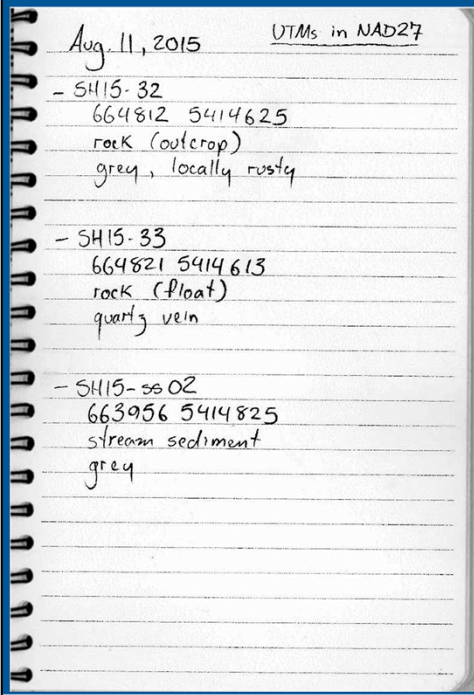
- sample number
- UTM coordinate
- sample type (rock, soil, etc.)
- sample source if rock (outcrop or float)

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basic note taking is an essential practice:

- risky not to take notes (there have been cases of GPSs crashing or being lost, sample locations lost, work down the toilet)
- taking notes makes assembling assessment report much easier
- notes do not need to be anything elaborate
- most basic note-taking: record UTM, sample type (rock, soil, etc.), sample source if rock (outcrop or float, grab or chip), sample number (mandatory information for report to be accepted)



better basic note-taking

basic descriptive detail, such as:

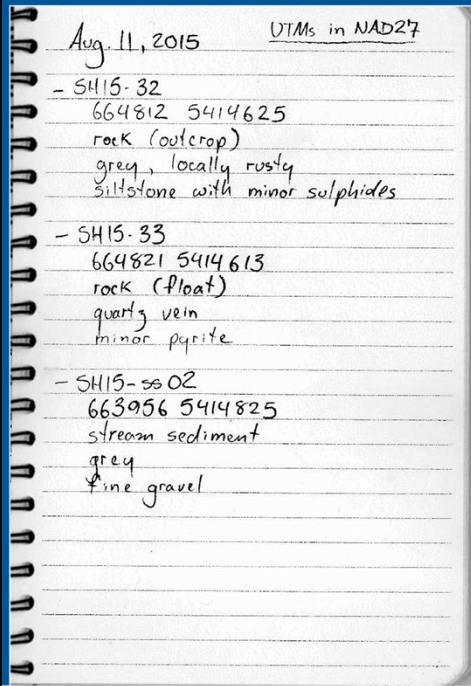
- colour
- fresh or rusty
- veining, banding
- recognized minerals
- hard or soft
- grainsize
- ...whatever you want to say!

describe and you
CAN'T GO WRONG

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- for observations, whether of sampled material or outcrop, record basic descriptive detail such as colour, hard or soft, grainsize, veining, banding, fresh or rusty, recognized minerals – describe first and you can't go wrong! everything else is secondary



Aug. 11, 2015 UTM's in NAD27

- SH15-32
664812 5414625
rock (outcrop)
grey, locally rusty
siltstone with minor sulphides

- SH15-33
664821 5414613
rock (float)
quartz vein
minor pyrite


- SH15-3302
663956 5414825
stream sediment
grey
fine gravel

better basic note-taking

rock type and mineral determinations

- if you feel comfortable
- why not speculate?

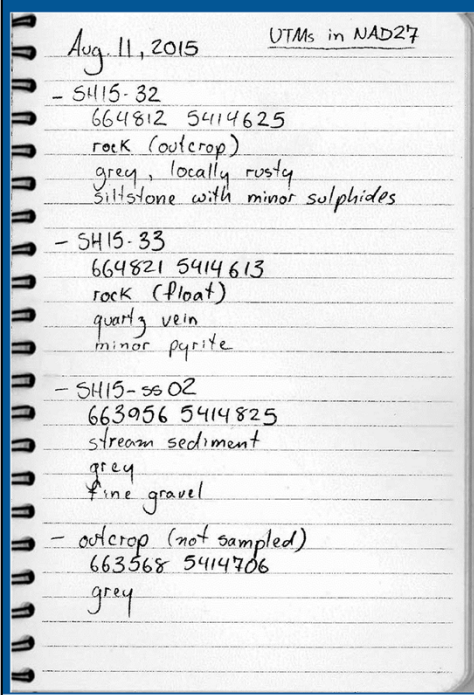
describe and you
CAN'T GO WRONG



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- if you feel comfortable making a rock type determination or wish to speculate on rock type or interpretation, go for it, otherwise don't worry




better basic note-taking

should take notes and record UTM anywhere you:

- take a sample
- find an outcrop
- take a photo
- make any other observation

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- better but still basic note-taking: take notes anywhere you collect a sample, make an observation, take a photo, or just find an outcrop: write down UTM coordinates and simply note what you sampled and (or) what you saw

sample table = notes copied into spreadsheet

Aug 11, 2015 UTM's in NAD27

- SH15-32
664812 5414625
rock (outcrop)
grey, locally rusty
siltstone with minor sulphides

- SH15-33
664821 5414613
rock (float)
quartz vein
minor pyrite

- SH15-33 02
663956 5414825
stream sediment
grey
fine gravel

	A	B	C	D	E	F	G	H	I
1	UTMs in NAD27								
2									
3	easting	northing	sample	type	description				
4	664812	5414625	SH15-32	rock (outcrop)	grey, locally rusty, siltstone with minor sulphides				
5	664812	5414613	SH15-33	rock (float)	quartz vein, minor pyrite				
6	663956	5414							
7									
8									
9									
10									

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- better but still basic note-taking: take notes anywhere you collect a sample, make an observation, take a photo, or just find an outcrop: write down UTM coordinates and simply note what you sampled and (or) what you saw
- OpenOffice and LibreOffice are free software suites that include spreadsheet programs

sample table = notes copied into spreadsheet

include sample table as an appendix

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- better but still basic note-taking: take notes anywhere you collect a sample, make an observation, take a photo, or just find an outcrop: write down UTM coordinates and simply note what you sampled and (or) what you saw
- also, if you want to report geological observations then observations must be associated with UTM coordinates and tabulated, map would be a bonus
- OpenOffice and LibreOffice are free software suites that include spreadsheet programs

CURRENT WORK: sample map

here are two relatively easy options:

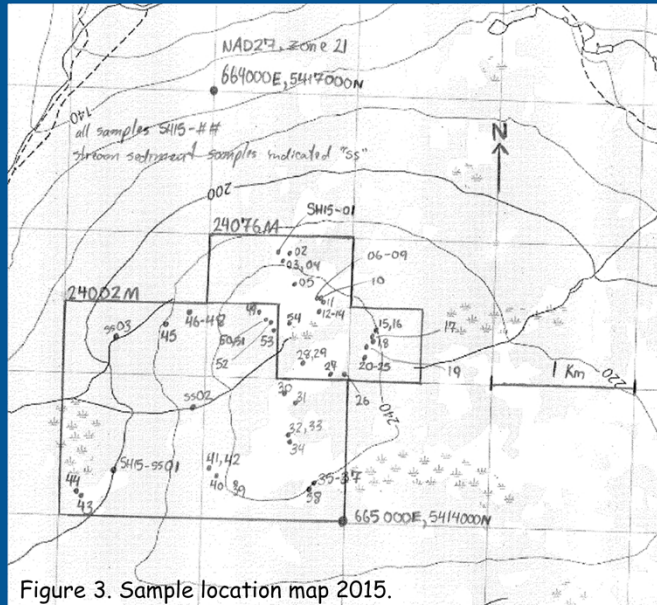
hand drawn on topo map	Google Earth Pro
<ul style="list-style-type: none"> • careful pencil work can create nice maps • use NAD 27 topo map so that licences can be drawn using grid • to obtain, use "Scanned Topo" base map in Geoscience Atlas, take screen shot or use "print" function, save image, print enlarged • or you can obtain topo maps from regional Forestry offices • scan your final map 	<ul style="list-style-type: none"> • Google Earth Pro is now free of charge • transfer GPS data directly into Google Earth Pro – plots instantly • outputs directly to image file with scale, caption block, north arrow

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- mineral licences are made up of mineral claims (individual 500 m square blocks); an individual claim comprises one-quarter part of a NAD 27 UTM grid square and is bounded by one corner of a NAD 27 UTM grid square
- for this reason, if you want to conveniently draw your licences on a topographic map using the map grid, you will need to use a NAD 27 map (Natural Resources Canada now provides NAD 83 maps; on these maps, your licence boundaries will be offset from the map grid)
- also be aware that Google Earth uses WGS 84 (a.k.a. NAD 83) for its UTM datum
- you can also import shape files (.shp) directly into Google Earth Pro; you can obtain shape files for mineral licences (a.k.a. map staked claims) and other data from the Geoscience Atlas (note that when exporting a shapefile from the Geoscience Atlas it will export only what is within the current field of view)
- when importing GPS data or shapefiles, Google Earth Pro will automatically convert UTM coordinates to NAD 83 (you do not need to worry about conversion)

CURRENT WORK: sample map



hand drawn on
topo map

include:

- UTM reference points
- scale
- north arrow

Figure 3. Sample location map 2015.

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CURRENT WORK: sample map

Live demonstration Google Earth Pro

Before we begin:

- GPS tracklogs easily imported into Google Earth Pro to produce map showing prospecting coverage (even if nothing found)
- download GPS waypoints and tracklogs frequently to protect against loss and to see where you've prospected
- (Google Earth Pro might ask you for a key; enter your email address and "GEPFREE")

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- tracklogs should be retained in full detail (some GPS units will reduce tracklog detail when saving; solution is to transfer to computer first)
- be aware that Google Earth uses WGS 84 (a.k.a. NAD 83) for its UTM datum
- you can also import shape files (.shp) directly into Google Earth Pro; you can obtain shape files for mineral licences (a.k.a. map staked claims) and other data from the Geoscience Atlas (note that when exporting a shapefile from the Geoscience Atlas it will export only what is within the current field of view)
- when importing GPS data or shapefiles, Google Earth Pro will automatically convert UTM coordinates to NAD 83 (you do not need to worry about conversion)

CURRENT WORK: sample map

Before we move on: **value of sample map to you**

- **essential for promotion** (point to location of mineralized samples on map)
- help you survey your own work, ensure coverage of licence
- plot mineralized samples / anomalous results, advances interpretation, guides follow up work
- there is no one involved in prospecting, exploration, geology that does not benefit greatly by plotting results

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Photo 1. Outcrop. UTM 681451 6029647 (NAD 27). Licence 24076M.




Photo 2. Outcrop closeup. UTM 681451 6029647 (NAD 27). Licence 24076M.

CURRENT WORK: photos

photos are easy, quick, valuable

photos help option property





Photo 3. Quartz vein outcrop. UTM 664925 5414233 (NAD 27). Licence 24002M

record UTM
if you take
photo

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- photos of outcrops, especially sample sites: picture worth 1000 words, provides valuable visual record that can be re-examined, re-interpreted later by yourself and others
- photos of landscapes: shows where you've been, valuable for future explorers; should note the direction photo taken towards
- taking photos is quick, easy, and valuable – no reason not to do it
- UTM's for all photos; in assessment report, report photo UTM's in captions or table, could even upload to Google Earth

CURRENT WORK: what to do if...

"I didn't find any outcrop / anything worth assaying"

You can still provide:

- GPS tracklogs to show prospecting coverage (or occasional GPS waypoints, or sketch on topo map)
- photos of landscapes or outcrops (with UTM coordinates)
- UTM coordinates for outcrops, panned sample sites where nothing found, samples taken but not assayed, etc.

All valuable for planning future exploration!

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assessment report will not be accepted unless you can substantiate *in the report* what you did and where you've been, so...

besides samples and accompanying notes, you should be taking / recording:

- UTM coordinates for all outcrops encountered: if nothing interesting is found, no rock worth sampling, no samples worth assaying, etc., then at least you've recorded outcrop locations (valuable information in itself); place in table in report, plot on map
- photos of outcrops, especially sample sites: picture worth 1000 words, provides valuable visual record that can be re-examined, re-interpreted later by yourself and others
- photos of landscapes: shows where you've been, valuable for future explorers; should note the direction photo taken towards
- taking photos is quick, easy, and valuable – no reason not to do it
- UTM coordinates for all photos; in assessment report, report photo UTM coordinates in captions or table, could even upload to Google Earth!
- GPS tracklogs are ideal for substantiating where you've been, very valuable information for planning future work; tracklogs should be retained in full detail
- or, instead of tracklogs, can periodically record waypoints / UTM coordinates to give an indication of your prospecting coverage
- even if no outcrops found: GPS tracklogs and landscape photos substantiate where you've been

CURRENT WORK: landscape photos



record UTM
if you take
photo

record
direction for
landscape
photos

Photo 1. Landscape looking northeast. UTM 663852 5415110 (NAD 27). Licence 24002M

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- photos of landscapes: shows where you've been, valuable for future explorers; should note the direction photo taken towards
- taking photos is quick, easy, and valuable – no reason not to do it
- UTM's for all photos; in assessment report, report photo UTM's in captions or table, could even upload to Google Earth!

RESULTS

- simply what you found

Results:

Assay results for rock samples include 0.5 ppm Au and another with 0.1 ppm Au and 3053 ppm Cu. No other values of interest were obtained.

Nine of the siltstone and sandstone samples were rusty. One of rusty samples (SH15-34) returned values of 0.1 ppm Au and 3053 ppm Cu.

The result of 0.5 ppm Au came from a rusty quartz vein (sample SH15-51).

Assay certificates are included as Appendix 2.

if you want to go beyond essentials,
you could put high values on the sample map

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also, if you want to report geological observations then observations must be associated with UTM's and tabulated, map would be a bonus

RESULTS

include **signed** assay certificate(s) as an appendix

Sample Number	Au	Ag	Cu	Fe	Pb	Zn	Other Elements
100-01	1.2	0.5	1.0	1.5	0.8	2.0	...
100-02	1.5	0.6	1.2	1.8	0.9	2.2	...
100-03	1.8	0.7	1.4	2.0	1.0	2.5	...
100-04	2.0	0.8	1.6	2.2	1.1	2.8	...
100-05	2.2	0.9	1.8	2.4	1.2	3.0	...
100-06	2.5	1.0	2.0	2.6	1.3	3.2	...
100-07	2.8	1.1	2.2	2.8	1.4	3.5	...
100-08	3.0	1.2	2.4	3.0	1.5	3.8	...
100-09	3.2	1.3	2.6	3.2	1.6	4.0	...
100-10	3.5	1.4	2.8	3.4	1.7	4.2	...
100-11	3.8	1.5	3.0	3.6	1.8	4.5	...
100-12	4.0	1.6	3.2	3.8	1.9	4.8	...

if you want to go beyond essentials, can also include assay certificate PDF and (or) Excel files

Mineral Lands Division, Department of Natural Resources
 Questions? Call, Email, Visit. 729-0573 (Trina), 729-5748 (Stephen), 729-6437 (Justin)



Appendix 4. Expenditures

Licence 24002M (11 claims, 2nd year)

Report preparation (2 days @ \$100 day) = \$200
Prospecting (6 days @ \$100 day) = \$600
Rock sample assays (30 @ \$38.25 each) + \$9.21 (handling) = \$1156.71
Stream sediment sample assays (3 @ \$33.84 each) = \$101.52
Per Diem Food (6 days @ \$30 day) = \$240
Per Diem Vehicle (1 days @ \$60 day) = \$60
Fuel = \$80

Subtotal: \$2418.23
15% Overhead: \$314.37
Total: \$2732.60

Licence 24076M (4 claims, 1st year)

Report preparation (1 day @ \$100) = \$100
Prospecting (2 days @ \$100 day) = \$200
Rock sample assays (24 @ \$33.85) = \$812.40
Per Diem Food (2 days @ \$30 day) = \$60
Per Diem Vehicle (1 days @ \$60 day) = \$60
Fuel = \$80

Subtotal: \$1292.40
15% Overhead: \$193.86
Total: \$1486.26

STATEMENT OF EXPENDITURES

report expenditures
separately for each licence
– MANDATORY

items that apply to more
than one licence (e.g. fuel,
vehicle) should be pro-
rated

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Before we finish, some things that cannot be accepted...

Mineral Rights Inquiry Report

Thursday, March 05, 2015

Licence Number:
File Number:
Original Holder:
Licence Holder:
Address:

Licence Status:
Location:
Electoral Dist.:
Recorded Date:
Issuance Date:
Renewal Date:
Report Due Date:
Org. No. Claims:
Cur. No. Claims:
Recording Fee:
Receipt(s):
Deposit Amount:
Deposit:
Map Sheet No(s):
Comments:

Mineral Occurrence Database System Report

National Mineral Inventory Number: 0011/13/Au 001
Record ID Number: 7147

DEPOSIT SUMMARY

Deposit Name: Peter's Ridge
Deposit Name: Lanceline Project
Major Commodity: Gold
Secondary Commodities: Silver, Copper
Status: Stoving
Completeness: Undefined
Deposit Type: Intrusive felsic magmatic deposit

DDH: Not Drilled
Trench: No
Adit: No
Shaft: No
Workings: No

LOCATION

Region: Newfoundland
UTM Zone: 21
Latitude: 46.89507788361
Easting: 587700
Elevation (m): 15

STS Area: 10113
Longitude: -59.8725962133
Northing: 518920
Location Uncertainty (m): 200
Object Located: Mineral Property Resources
measured, August 22, 2013

ACCESSIBILITY

The Lanceline project is located on the Ruston Peninsula, northern Newfoundland. The property has excellent infrastructure including road access and nearby localities. Facilities include a small settlement and a small town.

- do not waste your time copying and pasting anything from Geofiles, MODS, or Min Rights Inquiry Reports
- copy-and-pasted text will not be accepted for research or report writing credit



Mineral Lands Division, Department of Natural Resources
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Closing remarks (1 / 3)

- Please make it easy for us to accept your report.
- We don't want to have to ask for missing information.
- Clear, complete reports are easy to accept. Speeds up process and refund of securities.
- If you have any questions: Call, Email, Visit:

Trina Adams, trinaadams@gov.nl.ca, 729-0573

Stephen Hinchey, stephenhinchey@gov.nl.ca, 729-5748

Justin Lake, justinlake@gov.nl.ca, 729-6437

Mineral Lands Division, Department of Natural Resources

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- make it easy for us to accept your report: we don't want to have to ask for extras, slows down the process for everyone, including refund of staking securities
- if you have any questions about assessment reports, just call or email us: Trina, Stephen, Justin

- Additional contacts:

Heather Rafuse (Exploration Approvals), heatherrafuse@gov.nl.ca, 729-6408

Dale O'Reilly (Prospectors Assistance Program), daleoreilly@gov.nl.ca, 729-6448

Glen Penney (Core Storage Geologist), glenpenney@gov.nl.ca, 729-5833

Closing remarks (2 / 3)

There are almost 11,000 assessment reports on file and publicly available. There are thousands more geological reports, maps, and data sets on file and publicly available.

When you file your assessment report, regardless of what you found or didn't find, you are contributing to this public resource. As licence holder, filing assessment reports fulfills your bargain with the public.

As explorers, these geofiles are your inheritance. These are yesterday's results for you to follow up.

The truth is, **mines emerge gradually in successive assessment reports.**

To ensure that you and future explorers have complete, usable assessment reports at your fingertips, we as regulators have a duty to ensure that assessment reports are complete.

- If you have any questions: Call, Email, Visit:

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Closing remarks (3 / 3)

organized, complete assessment report with
sample map & photos

=

ideal information package for interested companies,
for MRR, PDAC, etc.

- If you have any questions: Call, Email, Visit:

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- At the end of the day: clear, organized, complete assessment report with sample map and photos = ideal information package for interested companies, for MRR, PDAC, etc.
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