BRITISH COLUMBIA

BC Geological Survey
Assessment Report
38240

Ministry of Energy & Mines
Energy & Minerals Division
Geological Survey Branch

ASSESSMENT REPORT
TITLE PAGE AND SUMMARY

TITLE OF REPORT [type of survey(s)]	TOTAL COST
PROSPECTING REPORT FOR MT 1059501	$ 2316.45

AUTHOR(S) Rick Mitchell SIGNATURE(S) Rick Mitchell

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S) YEAR OF WORK 2018

STATEMENT OF WORK - CASH PAYMENT EVENT NUMBER(S)/DATE(S) 5735050

PROPERTY NAME SW Source

CLAIM NAME(S) (on which work was done) 1059501

COMMODITIES SOUGHT Gold - Silver

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN 092HNE290

MINING DIVISION Similkameen NTS 092HNE.079

LATITUDE 49 ° 45 ' 14 " LONGITUDE 120 ° 19 ' 34 " (at centre of work)

OWNER(S)

1) Rick Mitchell 2)

MAILING ADDRESS

Box 933
Vernon BC V1T 6M8

OPERATOR(S) [who paid for the work]

1) 2)

MAILING ADDRESS

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):

Jurassic feldspar granite, faulted breccias with Ag, Pb and Zn

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS 22413, 29866

(OVER)

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping	1:2500 , 45ha	1059501	600.00
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic	4.45	1059501	600.00
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for ...)			
Soil			
Silt			
Rock	8, ICP 39	1059501	500.00
Other			
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)	45Ha	1059501	616.45
PREPARATORY/PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other			
		TOTAL COST	2,316.45

Print and Close | Cancel

Mineral Titles Online

Mineral Claim Exploration and Development Work/Expiry Date Change

Confirmation

Recorder: MITCHELL, RICHARD GEORGE (118616)
Submitter: MITCHELL, RICHARD GEORGE (118616)
Recorded: 2019/MAR/21
Effective: 2019/MAR/21
D/E Date: 2019/MAR/21

Confirmation

If you have not yet submitted your report for this work program, your technical work report is due in 90 days. The Exploration and Development Work/Expiry Date Change event number is required with your report submission. **Please attach a copy of this confirmation page to your report.** Contact Mineral Titles Branch for more information.

Event Number: **5735050**

Work Type: Technical Work
Technical Items: Geochemical, Prospecting

Work Start Date: 2018/SEP/13
Work Stop Date: 2018/SEP/15
Total Value of Work: $ 2270.00
Mine Permit No:

Summary of the work value:

Title Number	Claim Name/Property	Issue Date	Good To Date	New Good To Date	# of Days For-ward	Area in Ha	Applied Work Value	Sub-mission Fee
1059501	SW SOURCE	2018/MAR/22	2019/MAR/22	2020/MAR/22	366	83.49	$ 417.44	$ 0.00

Financial Summary:

Total applied work value: $ 417.44

PAC name: Richard George Mitchell
Debited PAC amount: $ 0.0
Credited PAC amount: $ 1,852.56

Total Submission Fees: $ 0.0
Total Paid: **$ 0.0**

Please print this page for your records.

The event was successfully saved.

Click here to return to the Main Menu.

Prospecting Report on the Mineral Tenure 1059501

Similkameen Mining Division

Map Sheet 092H.079

British Columbia

Rick Mitchell

FMC 118616

Discovery Consultants

Box 933, Vernon, BC

V1T 6M8

Prospecting Report on Mineral Tenure 1059501

Table of Contents

Prospecting Report on Mineral Tenure 1059501

Figures

Appendices

Prospecting Report on Mineral Tenure 1059501

Introduction

The SW Source claim was staked in March 2018 to cover ground that the author deemed prospective from previous visits to the area. The intent is to find the source of the original placer gold known as Siwash Creek Placer (Minfile 092HNE290). Mineral tenure 1059501 is 100% owned by the author.

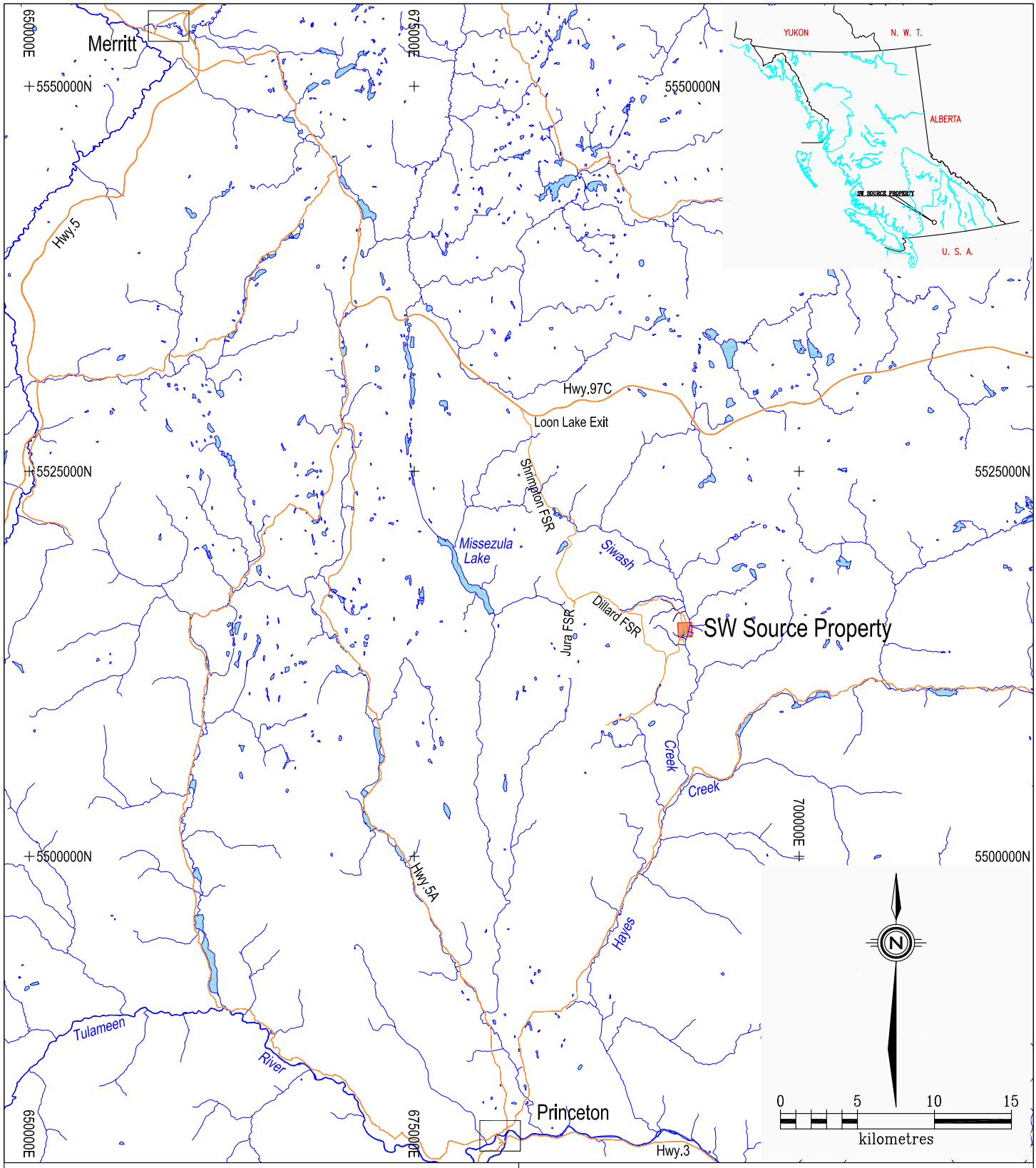
The purpose of the report is to demonstrate the results from basic prospecting methods and put forth recommendations to continue exploration at the site.

Property Description and Access

The SW Source claim Mineral tenure 1059501 consists of 4 cells (83.49ha) covering multiple easterly facing benches leading down to Siwash Creek. Relief starts at 1350m on the top NW bench and drops to 1140m in Siwash Creek. A small portion of the claim resides on the east side of the creek and this area was not visited in 2018.

The area has been logged over the areas and with the pine beetle problem new large clear cuts exist on the western upper portions. Vegitation is sparse for the most part with some wetter areas being choked with secondary deciduous growth and windfall. Some lower areas still have mature pine and fir forest.

The property lies approximately 45 km SE of Merritt BC and 35 km NE of Princeton BC. 2018 access was gained by driving south from the Okanagan connector (97C) at the Loon Lake turn off. After driving south 16 km on the Shrimpton FSR / Jura FSR you drive another 9km east and southeast on the Dillard FSR before entering the old original roads proceeding 3km north onto the property. The SW Source claim is centered at 49-45-14 N, 120-19-34W.



DISCOVERY Consultants

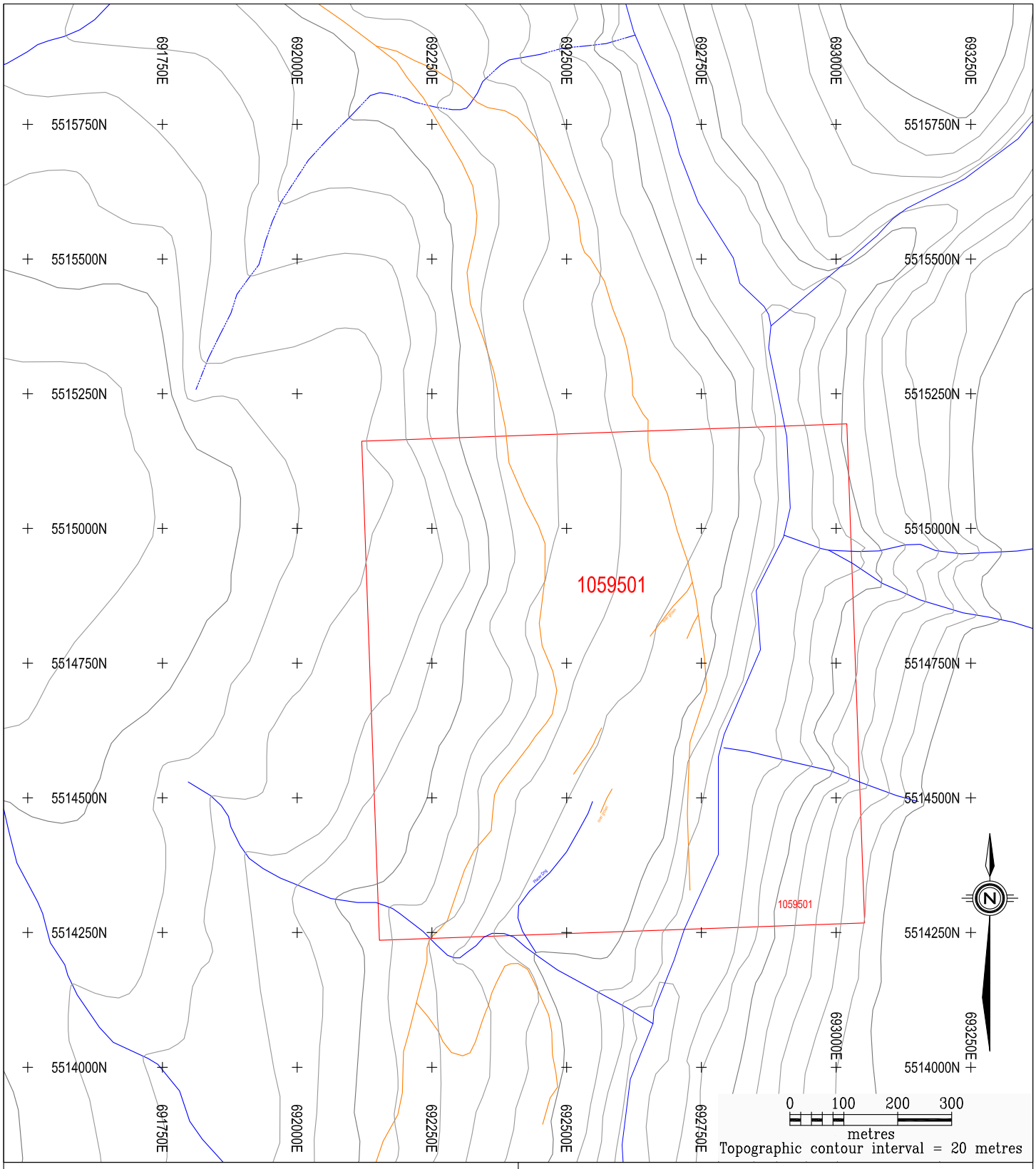
Rick Mitchell

SW Source

Prospecting 2018

Location and Access

Date:	Project:	Scale:	N.T.S.:	Mining Div:	Figure:
Nov.30, 2018	922	1:350,000	092H.079	Similkameen	1



DISCOVERY Consultants

Rick Mitchell

SW Source

Prospecting 2018

Mineral Title Location

Date:	Nov.30, 2018	Project:	922	Scale:	1:10000	N.T.S.:	092H.079	Mining Div:	Similkameen	Figure:	2

History

The Siwash creek area has been intermittently been explored since the early 1900's for both placer and mineral exploration. Within the claim boundary the Siwash Creek Placer was mined via hydraulic washing in the 1930's. To the north the Fisher Maiden (Minfile 092HNE001) was first described in the EMPR annual report from 1919.

During the 1960's and 1970s the area was subject to preliminary work by majors looking for porphyry deposits.

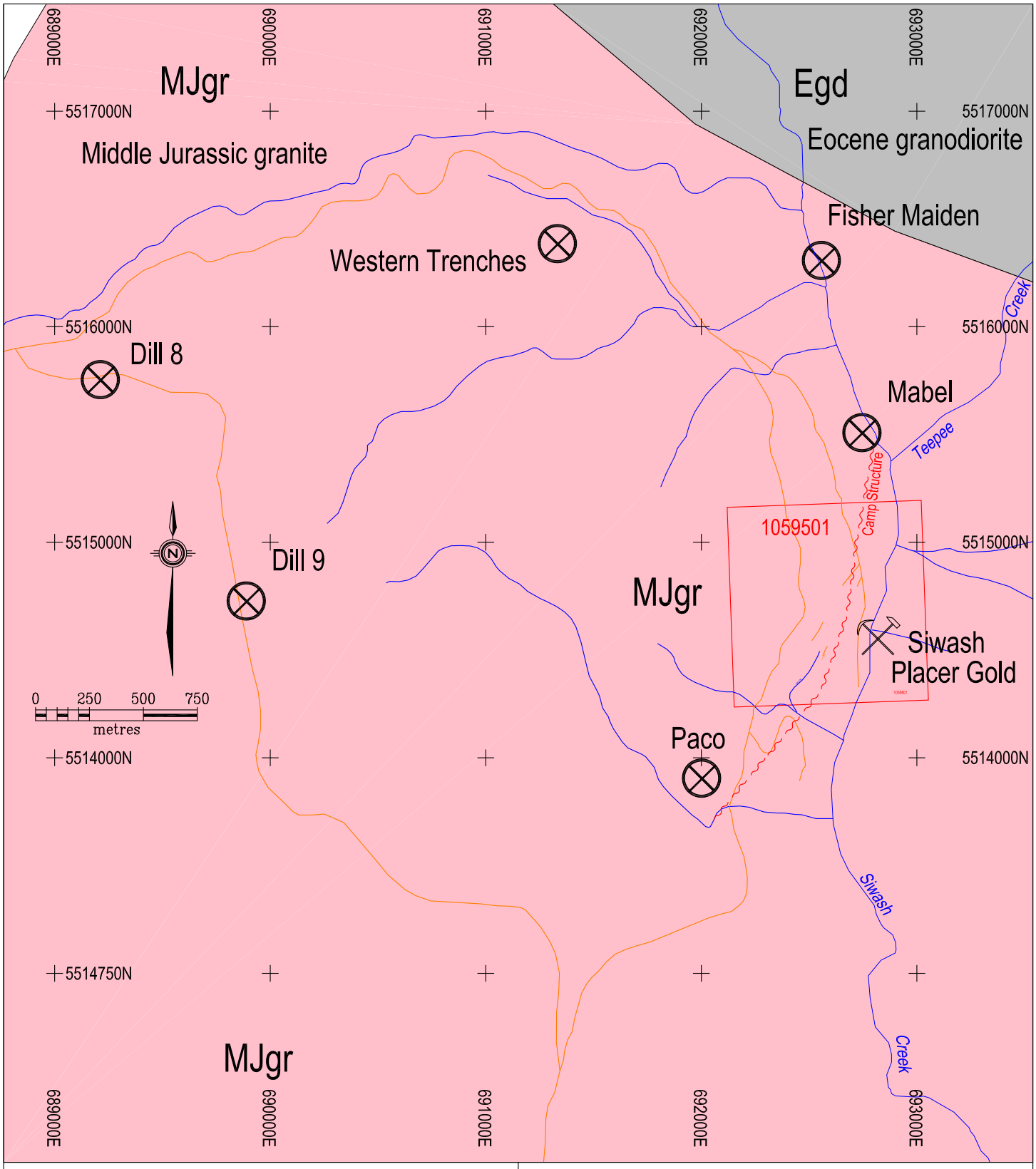
During 1980's through the 2000's major programs were conducted to the north and south by Noranda, Brenda Mines and then International Tower Hill Mines Ltd.

No known drill holes have tested the claim but the remnants of the 1970 era trenching were easily relocated and the subject of the 2018 re-sampling. The area was previously part of the June claim group.

Geology

The SW Source claim is underlain by the Jurassic aged Osprey Batholith (Dawson:1988). Rock types are mapped as granite and granodiorite. Observed rocks were predominately coarse grained feldspar granite.

Mehner:1992 recognised a feature called the Camp Structure that basically runs through the center of the claim starting at the Paco showing (092HNE098) at the south running NE to the Mabel showing (092HNE028) to the north. The observed trenching appears along this inferred structure and the brecciation and alteration found in the exposed rocks confirms it.



DISCOVERY Consultants

Rick Mitchell

SW Source

Prospecting 2018

Geology

Date:	Nov.30, 2018	Project:	922	Scale:	1:25000	N.T.S.:	092H.079	Mining Div:	Similkameen	Figure:	3

2018 Prospecting Program

The 2018 program at SW Source claim consisted of running a small 100m N-S X 25m stations E-W grid along the hillside above Siwash Creek proper.

The grid was simultaneously mapped while a Unimag II G-846 Proton magnetometer was used to obtain magnetic data at each station. The hope was to observe or detect alteration zones or vein systems within the granitic formation. Areas of interest had already been trenched so systematic rock samples of the exposed bedrock were taken with magnetic readings taken at all locations to test for a pattern and possible method of continued exploration in the future. All outcrops, trenches and rock samples were located via GPS (NAD 83 UTM zone10). The grid, lithology points and rock sample locations can be found on Fig.4,

2018 Rock Sampling

The rock samples were collected from areas of alteration found along what is described as the Camp Structure. Each sample was chipped from rock exposed by previous operators in the area. Average sample size was approximately 1.5 kg. Samples remained in the authors possession until being submitted to:

MS Analytical in Langley, BC.

Rock sample preparation: PRP-910
Dry, Crush to 70% passing 2mm, Split 250g, Pulverize to 85% passing 75µm

Rock sample analysis: IMS-117 Multi-Element (39 elements),
20g, 1:1 Aqua Regia, ICP-AES/MS, Ultra Trace Level

See Appendix 1 for Rock Sample Descriptions.

See Appendix 2 for Certificate of Analysis.

See Figure 4 for rock sample locations and mapping results.

See Figure 5 for rock sample results.

2018 Recce Magnetometer Survey

100 meter N-S spaced lines were flagged and magnetometer readings were taken every 25m E-W using a Unimag II G-846 Proton magnetometer.

The magnetometer was adjusted to 50,000 nanoteslas to match the world magnetic variance of the area.

Rock sample areas of the trenches were also GPS located with magnetometer readings taken at each site.

Data has been plotted with 50,000 nanoteslas held back for ease of interpretation.

Magnetometer data and line profiles are shown for each line in Appendix 3.

Magnetometer grid / reading locations are shown on Figure 4.

Magnetometer values are shown on Figure 5.

Magnetometer anomalies are shown on Figure 6.

Expenses per 2018 Prospecting Mineral Title 1059501

Expense	Units	Rate	Subtotal
kilometres	512	0.45	230.4
gas			120
offroad	1	50	50
RM Fieldwork	2	350	700
MS Analytical			256.05
Field supplies			35
Motels+food			125
RM Reporting	32	25	800
Total Cost of 2018 Report			2316.45

Interpretation of Results

Rock Sampling: No anomalous gold values were found.

Sample SWS R001 was anomalous in silver, copper, lead with elevated zinc.

Sample SWS R003 was anomalous in copper, lead and zinc

Samples SWS R002, 006 & 008 were anomalous in lead and zinc.

All samples had an unusually high background in manganese.

Magnetometer Survey: No highly anomalous magnetic zones were found. The granitic body is actually very homogenous with the average signature varying between 54600 and 55000 nanoteslas.

The area of trenching along the “Camp Structure” does correspond with a magnetic low but because it doesn’t have a sharp contrast the actual location of the structure is not precise at this station spacing. The profiles do show drops in magnetic variance but they usually occur over several stations and some may be associated with gross mass affected by a steep hillside.

Recommendations

Rock Sampling has provided no anomalous gold values and the other elements sampled have yielded minor anomalies. The magnetometer results have corresponded to the areas of better geochemical values.

Since most areas have varying depths of overburden / till and little additional altered rock has been found no further work will be conducted at this time.

References

BC EMPR Annual Report, page 370, 1919

BC Minfile Report 092HNE, Fischi, Rees and Owasiacki, 1992

BC Assessment Report 22413, Stephen and Mehner, 1992

BC Assessment Report 29866, Besserer, 2008

Certification

I, Richard George Mitchell have attended:

Cariboo College (Kamloops BC) Geological Sciences, 1976-1978

NAIT (Edmonton AB) Survey Methods and Computations, 1982

Camosun College (Victoria BC) Cartography, 1983

And have worked in the mining industry for 38 years:

Noranda – Boss Mountain Division, 1981

Northair Group – Scottie Gold Mines, 1982

Scope Exploration, Merritt BC, 1983-1985

Discovery Consultants, Vernon BC, 1988-present

AM Block, BCLS, Vernon BC, 2000-2002

Runnals - Denby, BCLS, Kelowna BC, 2003-2004

Coeur Mining, Silvertip Mine,2017- present

Rick Mitchell
Box 933
Vernon BC
V1T6M8

Appendix 1 Rock Sample Descriptions

SWSR001 692480E

5514300N

Rotten granitic outcrop above trench that runs parallel to placer drainage.

Granite appears porphyritic and exhibits hematitic stain, limonite, epidote and quartz stringers. Outcrop is 20m long and 5m high.

SWSR002+003 692537E

5514504N

Coarse grained potassium feldspar granite outcrop in a scoured/stripped area with a hole at the south end of stripping. Rock chips show hematitic stain, limonite, pyrite, epidote and possibly barite.

SWSR004 692518E

5514544N

End of a access road, start of trench trending@140deg. Coarse grained feldspar granite + breccias. Hematitic staining with visible pyrite and possibly sphalerite.

SWSR005 692481E

5514550N

Test pit/ trench trending EW. Coarse grained feldspar granite with hematitic staining minor.

SWSR006 692586E

5514714N

South end of a trench trending @ 032deg. Sample taken from the contact between fine grained granite and fine grained volcanic breccia. Hematite on fractures.

SWSR007 was taken from a highly altered/ cooked volcanic breccias located 6.5m NW of R006 Sample displayed visible pyrite, sphalerite with hematitic and limonitic stain.

SWSR008 692647E

5514966N

Sample from outcrop in a trench trending @343deg. Coarse grained granite and volcanic breccia. Hematite and limonite on fractures. Minor visible pyrite.

See assay results in Appendix 2

See figure 4 for sample locations

Appendix 2 Analytical Results

MS Analytical
Unit 1, 20120 102nd Avenue
Langley, BC V1M 4B4
Phone: +1-604-888-0875

An A2 Global Company

To: **Discovery Consultants**
Box 933
Vernon, BC, V1T 6M8
Canada

CERTIFICATE OF ANALYSIS: YVR1810915

Project Name:	922
Job Received Date:	18-Sep-2018
Job Report Date:	20-Oct-2018
Number of Samples:	8
Report Version:	Final

COMMENTS:

Test results reported relate only to the samples as received by the laboratory.Unless otherwise stated above, sufficient sample was received for the methods requested and all samples were received in acceptable condition. Analytical results in unsigned reports marked "preliminary" are subject to change, pending final QC review. Please refer to MS Analyticals' *Schedule of Services and Fees* for our complete Terms and Conditions

SAMPLE PREPARATION	
METHOD CODE	DESCRIPTION
PRP-910	Dry, Crush to 70% passing 2mm, Split 250g, Pulverize to 85% passing 75µm

ANALYTICAL METHODS	
METHOD CODE	DESCRIPTION
IMS-117	Multi-Element (39 elements), 20g, 1:1 Aqua Regia, ICP-AES/MS, Ultra Trace Level

Signature:

Yvette Hsi, BSc.
Laboratory Manager
MS Analytical

MS Analytical
An A2 Global Company

MS Analytical
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Phone: +1-604-888-0875

To: **Discovery Consultants**
Box 933
Vernon, BC, V1T 6M8
Canada

CERTIFICATE OF ANALYSIS: YVR1810915

Project Name: 922
Job Received Date: 18-Sep-2018
Job Report Date: 20-Oct-2018
Report Version: Final

Sample ID	Sample Type	PWE-100 Rec. Wt. kg 0.01	Method Analyte Units LOR	IMS-117 Ag ppm 0.05	IMS-117 Al % 0.01	IMS-117 As ppm 0.2	IMS-117 Au ppm 0.001	IMS-117 B ppm 10	IMS-117 Ba ppm 10	IMS-117 Bi ppm 0.05	IMS-117 Ca % 0.01	IMS-117 Cd ppm 0.05	IMS-117 Co ppm 0.1	IMS-117 Cr ppm 1
Granite Blank	QC-P-BK	--		<0.05	1.15	2.0	<0.001	<10	85	<0.05	0.75	<0.05	4.5	139
Granite Blank	QC-P-BK	--		<0.05	1.15	1.7	<0.001	<10	85	<0.05	0.74	0.05	4.7	140
SWS R001	Rock	1.01		21.02	0.65	15.7	0.008	<10	45	0.75	0.05	0.46	0.8	167
SWS R002	Rock	0.96		2.45	0.65	10.7	0.011	<10	184	0.91	0.04	2.79	3.5	167
SWS R003	Rock	0.80		3.49	0.57	1.9	0.007	<10	93	2.78	0.04	1.44	3.3	186
SWS R004	Rock	0.78		0.36	0.72	1.0	0.001	11	94	0.16	0.06	1.99	2.9	170
SWS R005	Rock	0.81		1.19	0.74	8.3	0.010	10	119	0.34	0.05	1.90	3.4	199
SWS R005PD	QC-PD	--		1.20	0.79	8.6	0.022	11	111	0.31	0.05	1.78	3.1	195
SWS R006	Rock	1.00		4.30	1.91	0.5	0.009	<10	83	5.51	1.00	2.10	4.1	85
SWS R007	Rock	1.90		2.33	0.92	0.7	0.009	11	176	4.23	0.09	1.25	2.3	135
SWS R008	Rock	1.47		1.69	1.13	0.6	0.002	<10	123	1.24	0.16	0.93	3.5	140
STD BLANK				<0.05	<0.01	<0.2	<0.001	<10	<10	<0.05	<0.01	<0.05	<0.1	<1
STD OREAS 601				53.17	0.84	320.3	0.839	<10	192	21.89	1.09	8.24	4.8	46

***Please refer to the cover page for comments regarding this certificate. ***

MS Analytical
An A2 Global Company

MS Analytical
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Langley, BC V1M 4B4
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To: **Discovery Consultants**
Box 933
Vernon, BC, V1T 6M8
Canada

CERTIFICATE OF ANALYSIS: YVR1810915

Project Name: 922
Job Received Date: 18-Sep-2018
Job Report Date: 20-Oct-2018
Report Version: Final

Sample ID	IMS-117 Cu ppm 0.2	IMS-117 Fe % 0.01	IMS-117 Ga ppm 0.1	IMS-117 Hg ppm 0.01	IMS-117 K % 0.01	IMS-117 La ppm 0.5	IMS-117 Mg % 0.01	IMS-117 Mn ppm 5	IMS-117 Mo ppm 0.05	IMS-117 Na % 0.01	IMS-117 Ni ppm 0.1	IMS-117 P ppm 10	IMS-117 Pb ppm 0.2	IMS-117 Re ppm 0.005
Granite Blank	6.3	2.04	5.3	<0.01	0.14	6.9	0.47	488	2.46	0.18	3.6	395	1.7	<0.005
Granite Blank	6.1	2.10	5.4	<0.01	0.14	6.7	0.49	499	2.35	0.18	3.6	409	1.6	<0.005
SWS R001	463.2	3.36	1.9	<0.01	0.42	17.9	0.03	254	3.98	<0.01	2.7	206	657.5	<0.005
SWS R002	92.4	4.76	2.0	<0.01	0.29	27.2	0.04	1300	2.02	0.02	3.1	115	307.6	<0.005
SWS R003	276.3	6.45	1.8	0.02	0.31	41.4	0.02	879	4.11	<0.01	3.8	117	605.2	<0.005
SWS R004	13.2	9.99	2.3	<0.01	0.25	20.2	0.05	1884	2.96	<0.01	3.4	117	172.9	<0.005
SWS R005	28.7	6.87	2.3	<0.01	0.34	6.6	0.04	2210	4.45	0.01	4.3	76	152.5	<0.005
SWS R005PD	26.1	6.43	2.5	<0.01	0.35	6.8	0.04	2045	3.11	0.01	3.7	71	129.6	<0.005
SWS R006	27.5	5.93	5.2	<0.01	0.53	15.1	0.47	2168	1.61	0.02	3.5	480	608.1	<0.005
SWS R007	11.0	6.78	2.9	<0.01	0.30	8.4	0.11	1649	3.32	0.02	3.1	263	151.2	<0.005
SWS R008	43.3	5.92	3.2	<0.01	0.44	21.9	0.12	1524	4.31	0.01	3.5	387	527.7	<0.005
STD BLANK	<0.2	<0.01	<0.1	<0.01	<0.01	<0.5	<0.01	<5	<0.05	<0.01	<0.1	<10	<0.2	<0.005
STD OREAS 601	1021.5	2.30	4.7	0.31	0.25	20.9	0.19	452	3.94	0.10	23.5	362	289.5	<0.005

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Project Name: 922
Job Received Date: 18-Sep-2018
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Report Version: Final

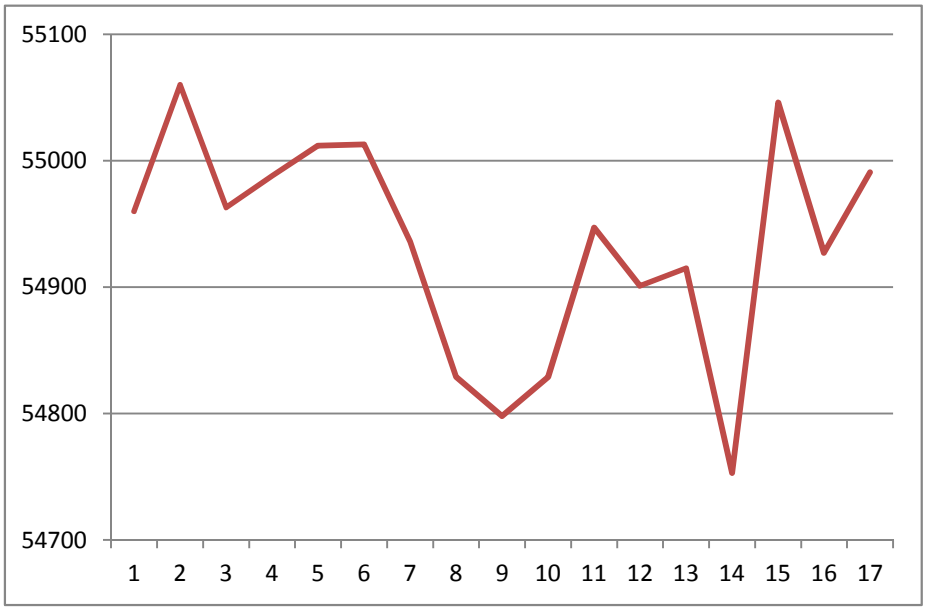
	IMS-117 S	IMS-117 Sb	IMS-117 Sc	IMS-117 Se	IMS-117 Sr	IMS-117 Te	IMS-117 Th	IMS-117 Ti	IMS-117 Tl	IMS-117 U	IMS-117 V	IMS-117 W	IMS-117 Y	IMS-117 Zn
	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID	0.01	0.05	0.1	0.2	0.5	0.05	0.2	0.005	0.05	0.05	1	0.05	0.5	2
Granite Blank	0.05	0.05	3.6	<0.2	32.6	<0.05	2.7	0.124	<0.05	0.59	29	1.27	10.4	28
Granite Blank	0.06	<0.05	3.6	<0.2	32.2	<0.05	2.7	0.128	<0.05	0.59	30	1.24	10.6	30
SWS R001	0.06	0.24	0.4	<0.2	4.1	<0.05	10.7	<0.005	0.50	11.31	4	0.49	5.7	696
SWS R002	0.27	0.21	0.5	<0.2	5.6	<0.05	2.5	<0.005	0.35	0.98	5	14.84	4.0	1740
SWS R003	0.01	0.25	0.4	<0.2	3.5	<0.05	2.9	0.006	0.36	1.46	8	66.57	5.3	1655
SWS R004	<0.01	0.25	0.6	<0.2	5.1	<0.05	2.2	0.012	0.30	1.79	9	60.68	6.2	1823
SWS R005	0.99	0.20	0.5	<0.2	4.7	<0.05	8.7	<0.005	0.40	9.26	7	29.09	4.6	1694
SWS R005PD	1.10	0.19	0.5	<0.2	4.7	<0.05	8.0	<0.005	0.40	8.26	7	23.59	4.5	1604
SWS R006	0.02	0.15	1.5	<0.2	48.3	<0.05	2.9	<0.005	0.50	0.90	15	10.43	6.6	1400
SWS R007	<0.01	0.21	1.1	<0.2	6.9	<0.05	1.4	<0.005	0.33	2.03	13	42.21	3.7	1027
SWS R008	<0.01	0.16	0.9	<0.2	8.1	<0.05	6.0	<0.005	0.44	2.41	7	13.29	7.4	1243
STD BLANK	<0.01	<0.05	<0.1	<0.2	<0.5	<0.05	<0.2	<0.005	<0.05	<0.05	<1	<0.05	<0.5	<2
STD OREAS 601	1.08	21.48	1.8	12.7	35.2	15.90	6.9	0.011	0.77	1.97	9	1.04	6.3	1273

***Please refer to the cover page for comments regarding this certificate. ***

Appendix 3 Magnetometer Survey Results

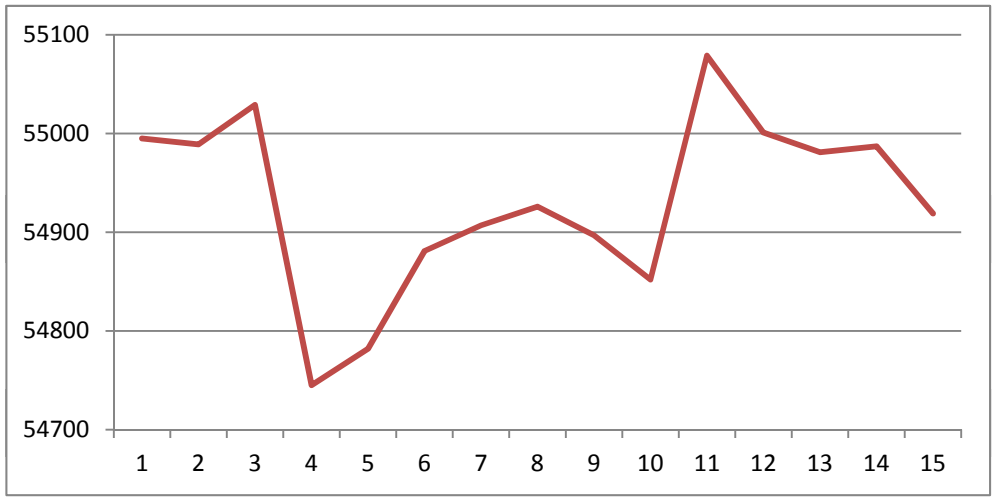
Line 5515100N

	East 690000+)	gammas	
1	2400	54960	
2	2425	55060	
3	2450	54963	
4	2475	54988	
5	2500	55012	
6	2525	55013	
7	2550	54936	
8	2575	54829	
9	2600	54798	
10	2625	54829	
11	2650	54947	
12	2675	54901	road
13	2700	54915	
14	2725	54753	
15	2750	55046	
16	2775	54927	
17	2800	54991	crest



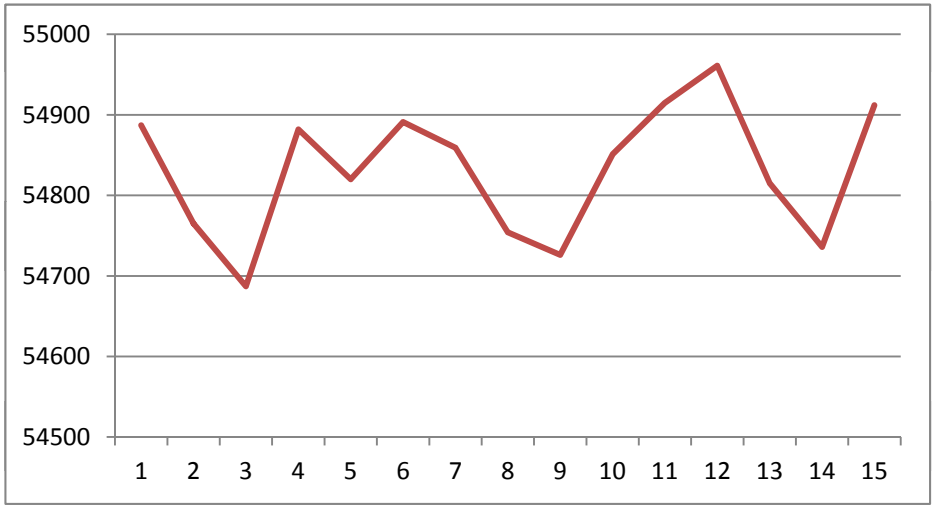
Line 5515000N

	East 690000+)	gammas	
1	2450	54995	
2	2475	54989	
3	2500	55029	
4	2525	54745	
5	2550	54782	
6	2575	54881	
7	2600	54907	
8	2625	54926	
9	2650	54897	
10	2675	54852	road
11	2700	55079	
12	2725	55001	
13	2750	54981	
14	2775	54987	
15	2800	54919	crest



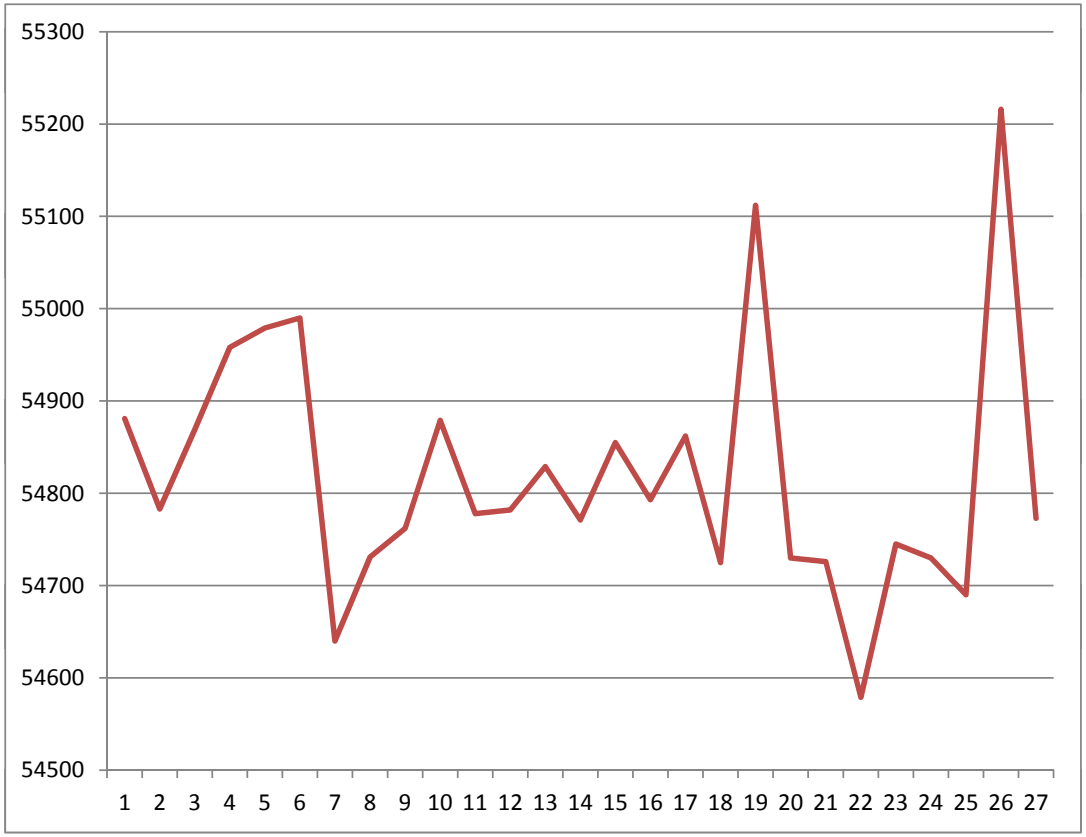
Line 5514900N

	East 690000+)	gammas	
1	2450	54887	
2	2475	54765	
3	2500	54687	
4	2525	54882	
5	2550	54820	
6	2575	54891	
7	2600	54859	
8	2625	54754	
9	2650	54726	
10	2675	54851	
11	2700	54915	road
12	2725	54961	
13	2750	54815	
14	2775	54736	
15	2800	54912	crest



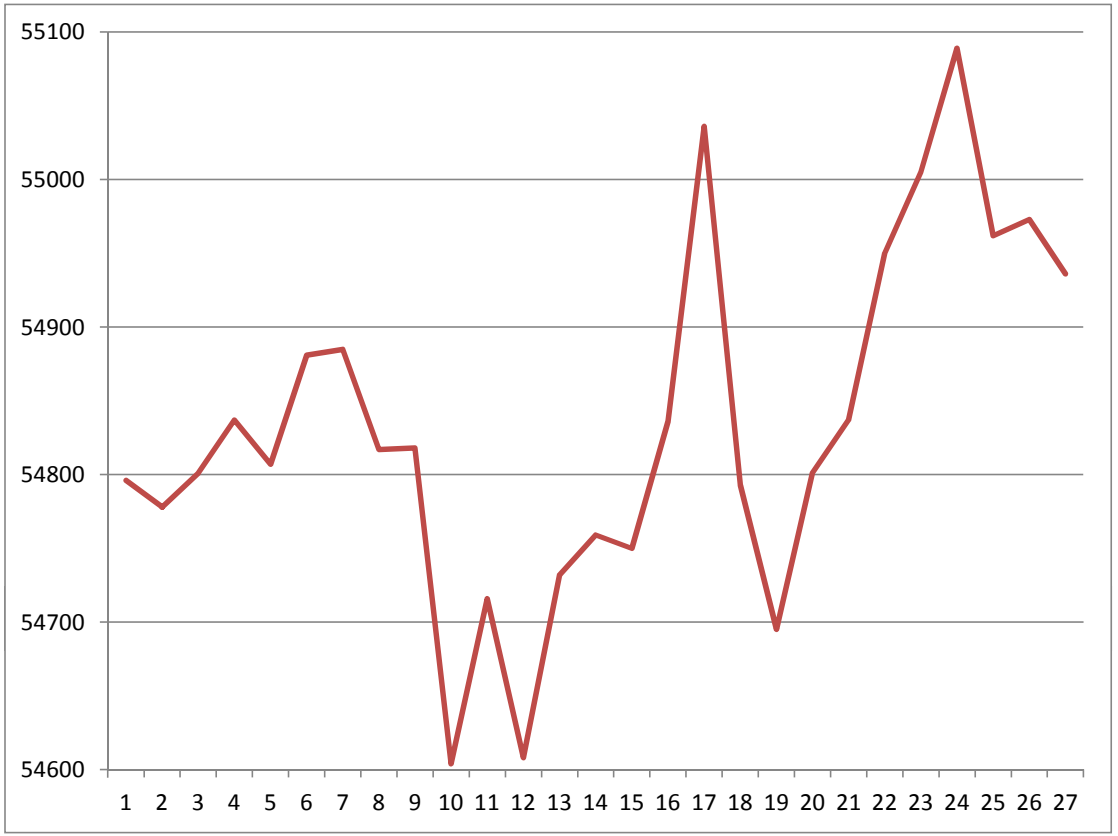
Line 5514800N

	East 690000+)	gammas	
1	2125	54881	
2	2150	54783	
3	2175	54869	outcrop
4	2200	54958	outcrop
5	2225	54979	outcrop
6	2250	54990	subcrop
7	2275	54640	
8	2300	54731	
9	2325	54762	
10	2350	54879	
11	2375	54778	
12	2400	54782	
13	2425	54829	
14	2450	54771	
15	2475	54855	
16	2500	54793	
17	2525	54862	subcrop 5mN
18	2550	54725	
19	2575	55112	
20	2600	54730	
21	2625	54726	
22	2650	54579	
23	2675	54745	road
24	2700	54730	
25	2725	54690	
26	2750	55216	
27	2775	54773	crest



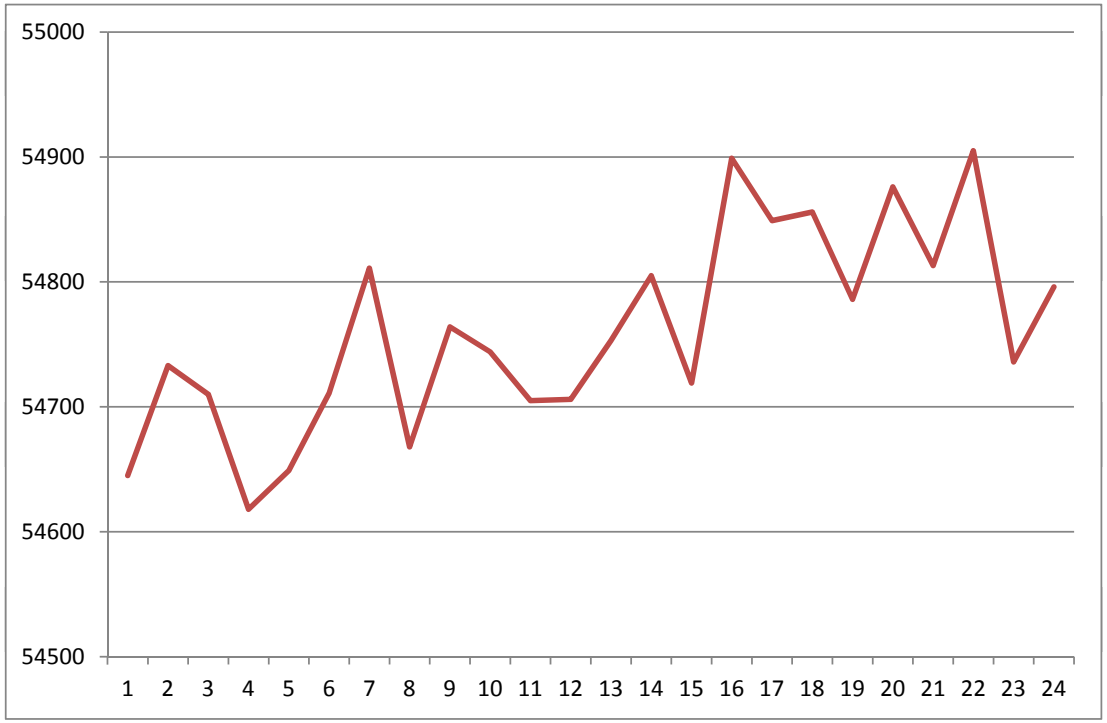
Line 5514700N

	East 690000+)	gammas	
1	2125	54796	
2	2150	54778	
3	2175	54801	
4	2200	54837	
5	2225	54807	
6	2250	54881	
7	2275	54885	
8	2300	54817	
9	2325	54818	
10	2350	54604	
11	2375	54716	
12	2400	54608	
13	2425	54732	
14	2450	54759	
15	2475	54750	
16	2500	54836	
17	2525	55036	
18	2550	54793	
19	2575	54695	SWSR006
20	2600	54801	
21	2625	54837	
22	2650	54950	
23	2675	55005	
24	2700	55089	
25	2725	54962	
26	2750	54973	
27	2765	54936	
	2800		rd/crest



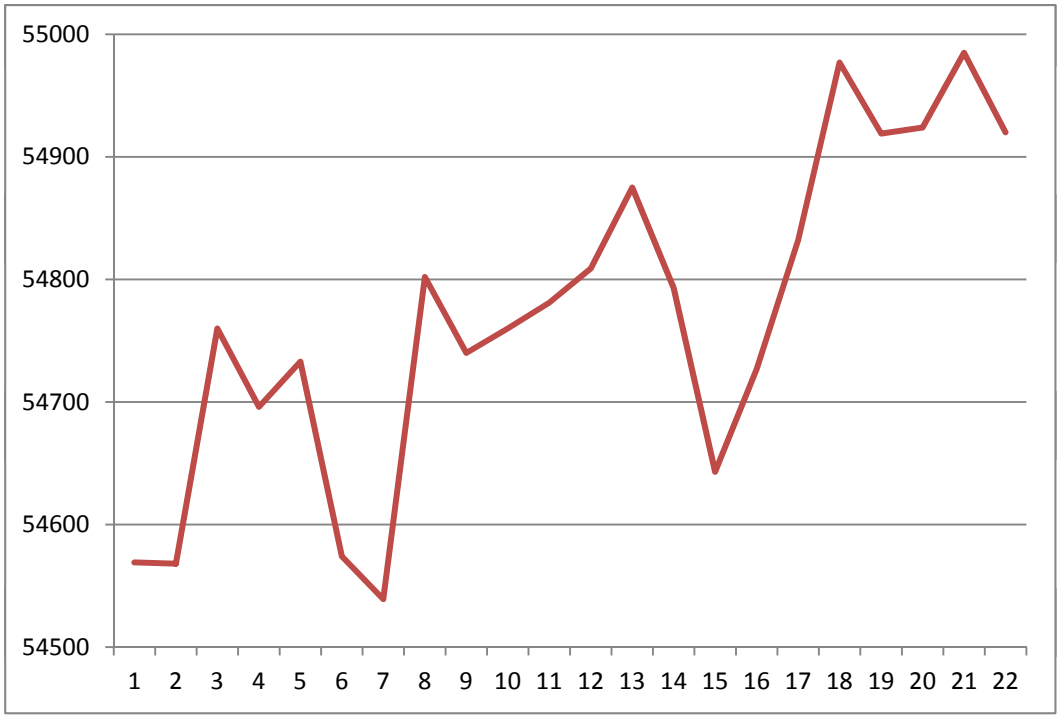
Line 5514600N

	East 690000+)	gammas	
1	2125	54645	
2	2150	54733	
3	2175	54710	
4	2200	54618	subcrop
5	2225	54649	
6	2250	54711	
7	2275	54811	
8	2300	54668	
9	2325	54764	
10	2350	54744	
11	2375	54705	
12	2400	54706	
13	2425	54753	
14	2450	54805	subcrop
15	2475	54719	
16	2500	54899	
17	2525	54849	
18	2550	54856	road
19	2575	54786	bldr field
20	2600	54876	
21	2625	54813	
22	2650	54905	crest hill
23	2675	54736	
24	2700	54796	



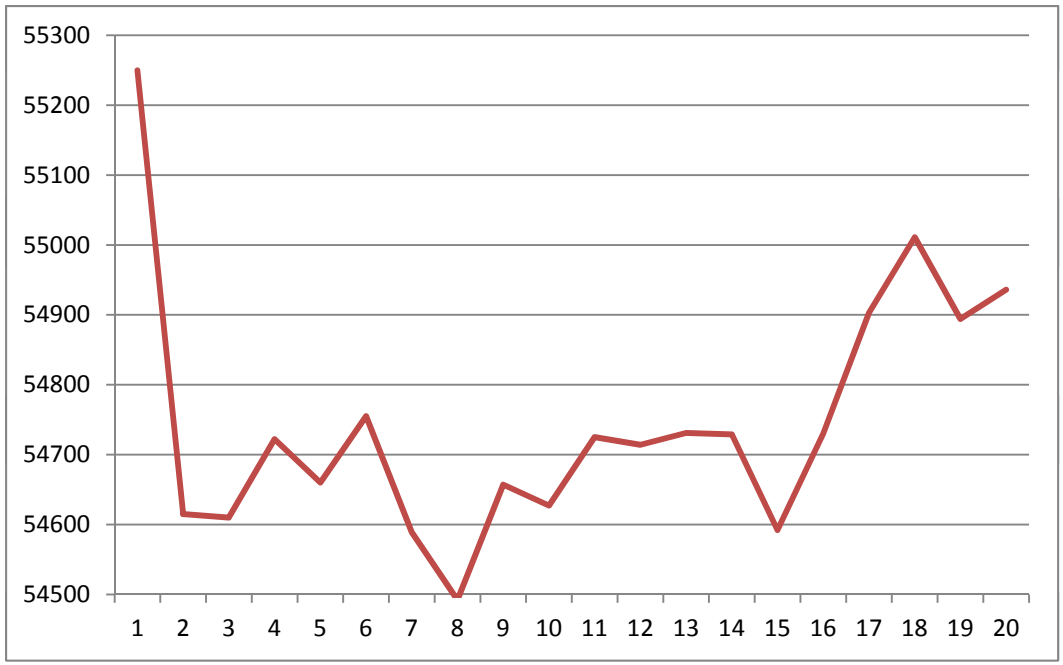
Line 5514500N

	East 690000+)	gammas	
1	2150	54569	
2	2175	54568	
3	2200	54760	
4	2225	54696	
5	2250	54733	
6	2275	54574	top of bench
7	2300	54539	
8	2325	54802	
9	2350	54740	
10	2375	54760	
11	2400	54781	
12	2425	54809	
13	2450	54875	
14	2475	54793	
15	2500	54643	
16	2525	54727	SWSR002
17	2550	54832	dry swamp
18	2575	54977	road
19	2600	54919	
20	2625	54924	
21	2650	54985	
22	2675	54920	



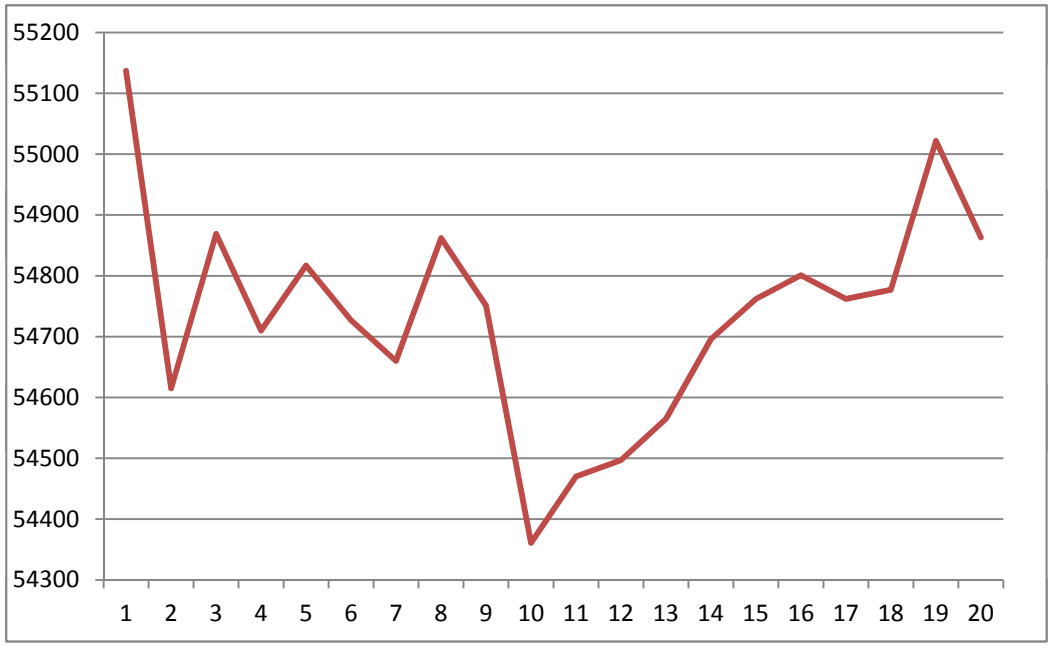
Line 5514400N

	East 690000+)	gammas	
1	2150	55250	
2	2175	54615	
3	2200	54610	
4	2225	54722	
5	2250	54660	
6	2275	54755	
7	2300	54589	
8	2325	54492	
9	2350	54657	
10	2375	54627	
11	2400	54725	
12	2425	54714	
13	2450	54731	
14	2475	54729	
15	2500	54592	placer
16	2525	54730	
17	2550	54903	
18	2575	55011	
19	2600	54894	
20	2625	54936	



Line 5514300N

	East 690000+)	gammas	
1	2150	55137	
2	2175	54615	
3	2200	54869	
4	2225	54710	
5	2250	54817	
6	2275	54727	
7	2300	54660	
8	2325	54862	
9	2350	54751	
10	2375	54361	
11	2400	54470	
12	2425	54497	SWSR001
13	2450	54565	
14	2475	54696	
15	2500	54762	
16	2525	54801	
17	2550	54762	
18	2575	54777	
19	2600	55022	
20	2625	54863	



691750E
692000E
692250E
692500E
692750E
693000E
693250E
5515750N
5515500N
5515250N
5515000N
5514750N
5514500N
5514250N
5514000N
2400E--
2500E--
2600E--
2700E--
2800E--
2200E--
2300E--
15100N--
15000N--
14900N--
14800N--
14700N--
14600N--
14500N--
14400N--
14300N--
Tr.
cg feldspar gran
hem,lm
volc bx / cg feld gran
SWSR008
subcrop
over grown
py,sp,hem,lm
cooked volc bx
SWSR007
fg volc bx / fg gran
hem on fracs
SWSR006
minor hem
cg feld gran
SWSR005
bldrs
hem,py,sp
SWSR004
cg K-feld gran+bx
SWSR003
hem,lm,py,ep,ba
cg K-feld gran
SWSR002
kspar gran
cg kspar gran
overburden bench
ridgetop
Placer Dog
SWSR001
feld gran
hem,lm,ep,q
1059501

SW Source Mineral Title
14900N — Magnetometer grid and reading location
Tr. — Trench
subcrop — Outcrop / subcrop
cg feldspar gran — Lith point; Lithology; Mineralization/alteration observed
SWSR008 — Rock sample location and ID
volc bx/ feld gran — Rock type
hem,lm — Rock mineralization/alteration

N

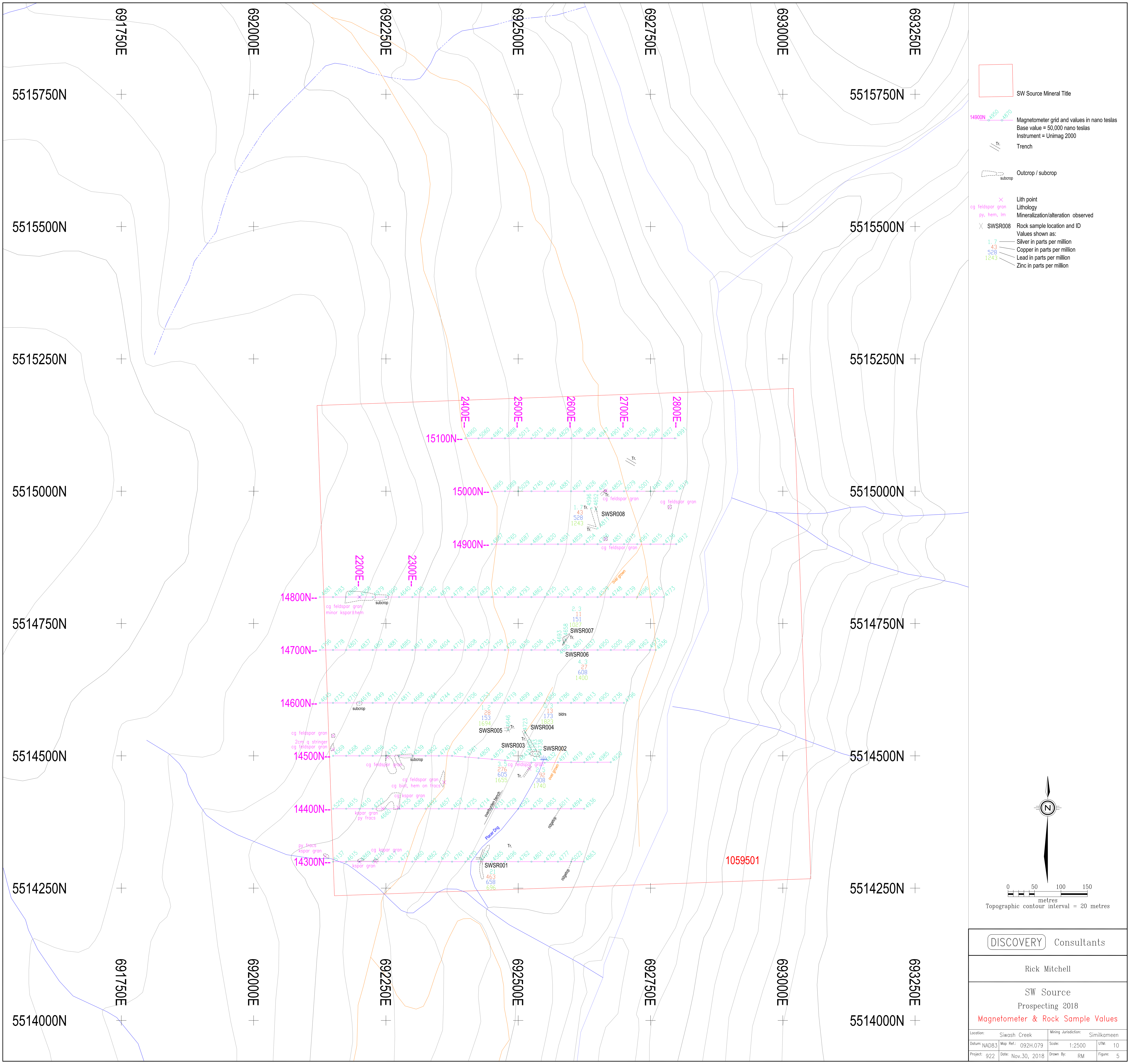
0 50 100 150
metres
Topographic contour interval = 20 metres

DISCOVERY Consultants

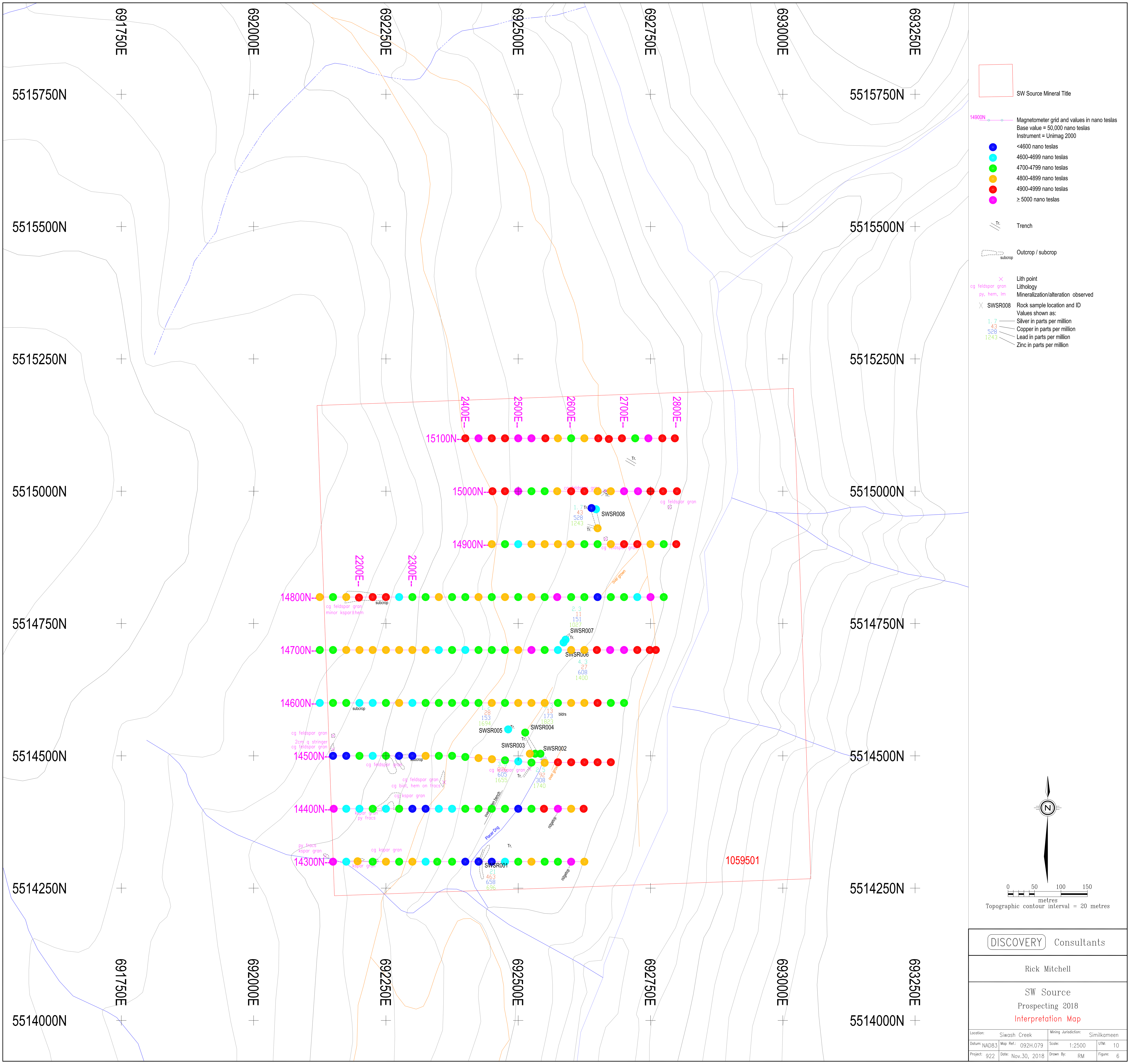
Rick Mitchell

SW Source
Prospecting 2018
Magnetometer Grid & Sample Locations

Location: Siwash Creek		Mining Jurisdiction: Similkameen	
Datum: NAD83	Map Ref.: 092H.079	Scale: 1:2500	UTM: 10
Project: 922	Date: Nov.30, 2018	Drawn By: RM	Figure: 4



691750E
692000E
692250E
692500E
692750E
693000E
693250E
5515750N
5515500N
5515250N
5515000N
5514750N
5514500N
5514250N
5514000N
2200E
2300E
2400E
2500E
2600E
2700E
2800E
15100N
15000N
14900N
14800N
14700N
14600N
14500N
14400N
14300N
SWSR001
SWSR002
SWSR003
SWSR004
SWSR005
SWSR006
SWSR007
SWSR008
1059501
SW Source Mineral Title
Magnetometer grid and values in nano teslas
Base value = 50,000 nano teslas
Instrument = Unimag 2000
Trench
Outcrop / subcrop
Lith point
Lithology
Mineralization/alteration observed
Rock sample location and ID
Values shown as:
Silver in parts per million
Copper in parts per million
Lead in parts per million
Zinc in parts per million
0 50 100 150
metres
Topographic contour interval = 20 metres
DISCOVERY Consultants
Rick Mitchell
SW Source
Prospecting 2018
Magnetometer & Rock Sample Values
Location: Siwash Creek
Mining Jurisdiction: Similkameen
Datum: NAD83
Map Ref.: 092H.079
Scale: 1:2500
UTM: 10
Project: 922
Date: Nov.30, 2018
Drawn By: RM
Figure: 5


691750E
692000E
692250E
692500E
692750E
693000E
693250E
5515750N
5515500N
5515250N
5515000N
5514750N
5514500N
5514250N
5514000N
2200E
2300E
2400E
2500E
2600E
2700E
2800E
15100N
15000N
14900N
14800N
14700N
14600N
14500N
14400N
14300N
SWSR001
SWSR002
SWSR003
SWSR004
SWSR005
SWSR006
SWSR007
SWSR008
1059501
SW Source Mineral Title
14900N
Magnetometer grid and values in nano teslas
Base value = 50,000 nano teslas
Instrument = Unimag 2000
<4600 nano teslas
4600-4699 nano teslas
4700-4799 nano teslas
4800-4899 nano teslas
4900-4999 nano teslas
≥ 5000 nano teslas
Tr.
Trench
subcrop
Outcrop / subcrop
Lith point
cg feldspar gran
Lithology
py, hem, lm
Mineralization/alteration observed
SWSR008
Rock sample location and ID
Values shown as:
1, 7
Silver in parts per million
43
Copper in parts per million
528
Lead in parts per million
1243
Zinc in parts per million
N
0
50
100
150
metres
Topographic contour interval = 20 metres
DISCOVERY Consultants
Rick Mitchell
SW Source
Prospecting 2018
Interpretation Map
Location: Siwash Creek
Mining Jurisdiction: Similkameen
Datum: NAD83
Map Ref.: 092H.079
Scale: 1:2500
UTM: 10
Project: 922
Date: Nov.30, 2018
Drawn By: RM
Figure: 6