

# CASINO



February 7th, 2020

Chief, Mining Land Use

Box 2703 K-09

Whitehorse, Yukon

Y1A 2C6

Mining Lands Officer

Room 102-300 Main Street

Whitehorse, Yukon

Y1A 2B5

Whitehorse.mining@gov.yk.ca

**Re: Renewal work for placer claims CAS PL 37-58**

As per sections 41 and 52 of The Placer Mining Act, the following report summarizes the 2019 activities that were carried out on placer claims CAS PL 37-58 for the purpose of renewing these claims.

All work that took place fell under Class I activities as outlined in the Operation Class Criteria Table of the Placer Mining Act. From May 27th to Sept 15<sup>th</sup>, 115.4 Meters (378.6 ft) of NTW drilling (overburden) was performed within these claims (please see attached "Placer Survey Report, Financial Estimate of placer expenses during the 2019 calendar year")

As described in the Statement of Expenditures (pg. 3) total work applied to placer claims is \$34,699. This amount includes drilling, pad setup and remediation, drill moves, logging, assays, fuel cost (FOB Casino) and camp costs.

Sincerely,

Heather Seeley, P. Geo

Wolfbear Geological Consulting

Senior Geologist for the Casino Project

Toll Free: 1.877.968.9995

T: 604.684.9497

F: 604.669.2928

Casino Mining Corp.

19<sup>th</sup> Floor, 1040 W. Georgia St. Vancouver, British Columbia Canada, V6E 4H1



REPUBLIC OF INDONESIA  
MINISTRY OF HEALTH

Surabaya, 15 November 2023  
Kepada Yth. Bapak/Ibu  
Gubernur/Bupati/Walikota  
di  
Kabupaten/Kota  
Surabaya

Sehubungan dengan hal tersebut di atas

dan untuk melaksanakan ketentuan Pasal 1 ayat (1) Peraturan Menteri Kesehatan Nomor 12 Tahun 2012 tentang Penyelenggaraan Sistem Informasi Kesehatan, dengan ini saya sampaikan bahwa:

1. Seluruh data kesehatan yang dihasilkan oleh fasilitas kesehatan di Kabupaten/Kota Surabaya harus diinput ke dalam Sistem Informasi Kesehatan Kabupaten/Kota Surabaya.

2. Seluruh data kesehatan yang dihasilkan oleh fasilitas kesehatan di Kabupaten/Kota Surabaya harus diinput ke dalam Sistem Informasi Kesehatan Kabupaten/Kota Surabaya.

*[Signature]*  
Kepala Dinas Kesehatan Kabupaten/Kota Surabaya

## Statement of Work Submission

Financial estimate of placer expenses during the 2019 calendar year

Casino Mining (Western Copper and Gold) conducted an extensive diamond drilling exploration campaign during the 2019 calendar year (May 27<sup>th</sup> – Sept 15<sup>th</sup>). During this period 14,000+ meters of NTW drilling was performed, of which 115.4 meters (378.6 ft) of overburden drilling fell on the Casino Mining placer claims.

Casino Mining contractor Kluane drilling drilled 12 holes on 6 existing placer claims as follows:

### CAS PL 50

DH 19-24\*

DH 19-25\*

DH 19-26

DH 19-26A

DH 19-30

### CAS PL 57

DH 19-31

### CAS PL 56

DH 19-36

### CAS PL 55

DH 19-43\*

DH 19-44

DH 19-47\*

### CAS PL 54

DH 19-48\*

### CAS PL 53

DH 19-51\*

\*indicates holes drilled without significant overburden.

As shown on map "Casino 2019 Placer Work" (APPENDIX A), the only holes which generated any measurable overburden are as follows;

HOLE ID	METERS	FEET
DH 19-26	15	49.21
DH 19-26A	13.72	45
DH 19-30	18	59
DH 19-31	18.29	60
DH 19-36	33.63	110.33
DH 19-44	16.76	54.98
TOTAL	115.4	378.6

#### Description of work performed

The aforementioned drill holes have been identified as targets of interest by Casino Mining technical staff. Hole locations were surveyed in by CAP Engineering with supervision by Casino staff. Access trails, pad clearing, drill transport and pad remediation were performed by Kluane drilling using a D-6N caterpillar. Drilling was completed using two KD-1000 drills owned and operated by Kluane drilling. Core collection, splitting, logging and analysis were done on site by Casino staff (geologists and core cutters) and all assay work to date has been completed by ALS Geochemistry in Whitehorse, Yukon, with check pulp samples going to SGS Canada Inc in Burnaby, British Columbia.

Details of the overburden logged in the above mentioned holes can be found in Appendix B.

STATEMENT OF EXPENDITURES

DRILLING

378.6 FEET (@ \$15/FEET)	5,679
Assay work	
115.4 meters (@ \$25 / meter)	2,885
Casino on site supervision	
24 hrs @ \$90 / hr	2,160
D6N caterpillar time	
72 hrs @ \$175/ hr	12,600
D6N operator time	
72 hrs @ \$50/ hr	3,600
Fuel (FOB Casino Camp)	
1360 liters @ \$2.50 / liter	3,400
Camp cost	
25 man days @ \$175 /day	4,375

Total            \$ 34,699

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100

100



Claim Name	Claim #	S_MapNumb	Grant #	Activity	Meters Drilled	Tenure	Status	Owner	Stake Date	Recorded	Expiry	District
CAS PL	37	115J10	P 508098			Placer	Active	Casino Mining Corp. - 100%	09-Aug-11	11-Aug-11	11-Feb-20	Whitehorse
CAS PL	38	115J10	P 508099			Placer	Active	Casino Mining Corp. - 100%	09-Aug-11	11-Aug-11	11-Feb-20	Whitehorse
CAS PL	39	115J10	P 508100			Placer	Active	Casino Mining Corp. - 100%	09-Aug-11	11-Aug-11	11-Feb-20	Whitehorse
CAS PL	40	115J10	P 509301			Placer	Active	Casino Mining Corp. - 100%	09-Aug-11	11-Aug-11	11-Feb-20	Whitehorse
CAS PL	41	115J10	P 509302			Placer	Active	Casino Mining Corp. - 100%	09-Aug-11	11-Aug-11	11-Feb-20	Whitehorse
CAS PL	42	115J10	P 509303			Placer	Active	Casino Mining Corp. - 100%	09-Aug-11	11-Aug-11	11-Feb-20	Whitehorse
CAS PL	43	115J10	P 509304			Placer	Active	Casino Mining Corp. - 100%	09-Aug-11	11-Aug-11	11-Feb-20	Whitehorse
CAS PL	44	115J10	P 509305			Placer	Active	Casino Mining Corp. - 100%	09-Aug-11	11-Aug-11	11-Feb-20	Whitehorse
CAS PL	45	115J10	P 509306			Placer	Active	Casino Mining Corp. - 100%	09-Aug-11	11-Aug-11	11-Feb-20	Whitehorse
CAS PL	46	115J10	P 509307			Placer	Active	Casino Mining Corp. - 100%	09-Aug-11	11-Aug-11	11-Feb-20	Whitehorse
CAS PL	47	115J10	P 509308			Placer	Active	Casino Mining Corp. - 100%	09-Aug-11	11-Aug-11	11-Feb-20	Whitehorse
CAS PL	48	115J10	P 509309			Placer	Active	Casino Mining Corp. - 100%	09-Aug-11	11-Aug-11	11-Feb-20	Whitehorse
CAS PL	49	115J10	P 509310			Placer	Active	Casino Mining Corp. - 100%	09-Aug-11	11-Aug-11	11-Feb-20	Whitehorse
CAS PL	50	115J10	P 509311	Overburden Analysis	46.72	Placer	Active	Casino Mining Corp. - 100%	09-Aug-11	11-Aug-11	11-Feb-20	Whitehorse
CAS PL	51	115J10	P 509312			Placer	Active	Casino Mining Corp. - 100%	09-Aug-11	11-Aug-11	11-Feb-20	Whitehorse
CAS PL	52	115J10	P 509313			Placer	Active	Casino Mining Corp. - 100%	09-Aug-11	11-Aug-11	11-Feb-20	Whitehorse
CAS PL	53	115J10	P 509314			Placer	Active	Casino Mining Corp. - 100%	09-Aug-11	11-Aug-11	11-Feb-20	Whitehorse
CAS PL	54	115J10	P 509315			Placer	Active	Casino Mining Corp. - 100%	09-Aug-11	11-Aug-11	11-Feb-20	Whitehorse
CAS PL	55	115J10	P 509316	Overburden Analysis	16.76	Placer	Active	Casino Mining Corp. - 100%	09-Aug-11	11-Aug-11	11-Feb-20	Whitehorse
CAS PL	56	115J10	P 509317	Overburden Analysis	33.63	Placer	Active	Casino Mining Corp. - 100%	09-Aug-11	11-Aug-11	11-Feb-20	Whitehorse
CAS PL	57	115J10	P 509318	Overburden Analysis	18.29	Placer	Active	Casino Mining Corp. - 100%	09-Aug-11	11-Aug-11	11-Feb-20	Whitehorse
CAS PL	58	115J10	P 509319			Placer	Active	Casino Mining Corp. - 100%	09-Aug-11	11-Aug-11	11-Feb-20	Whitehorse

## Schedule "A"

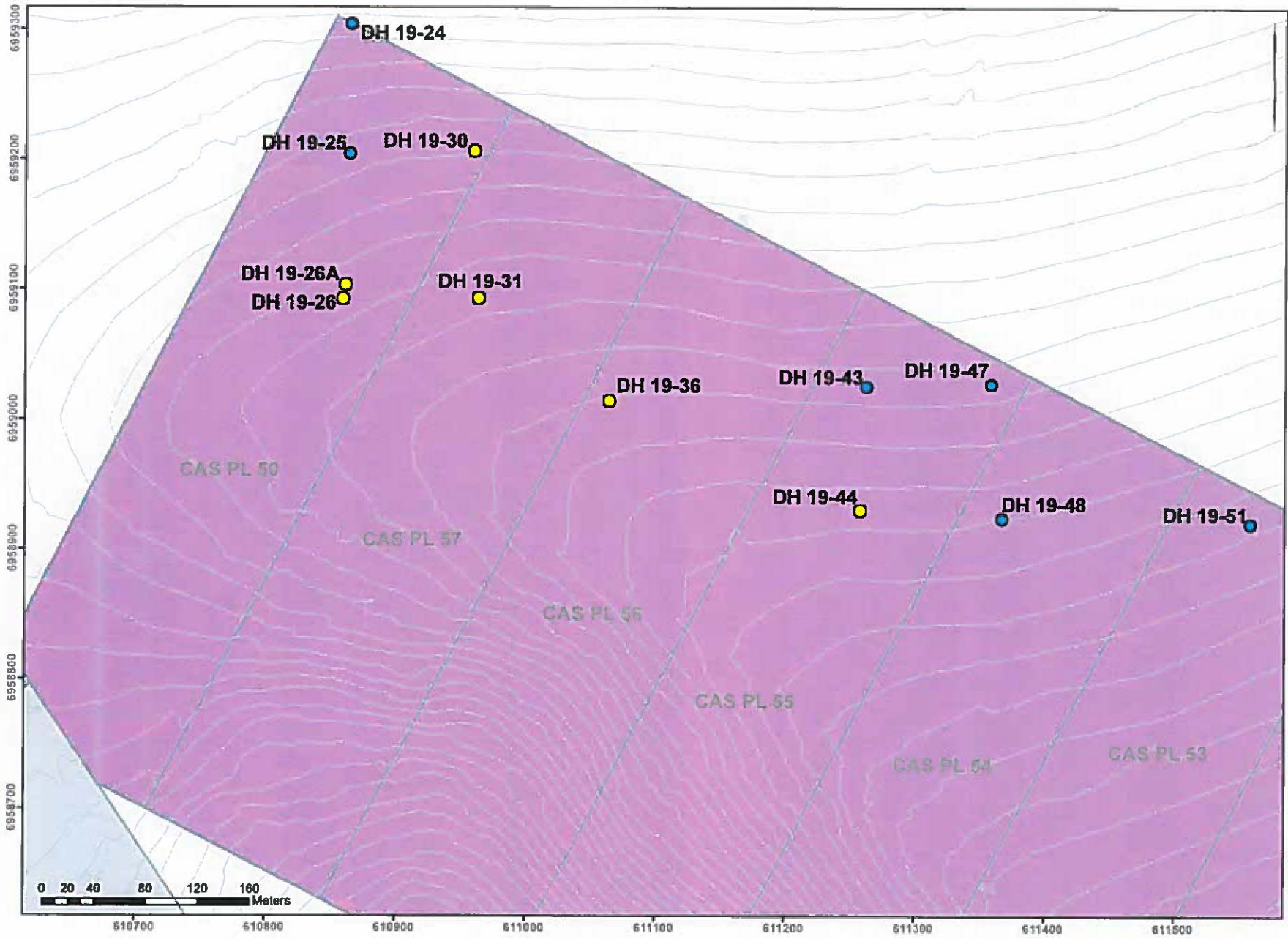
#	Claim Name	Claim #	Grant Number	Renewal years requested on each claim	Banked excess years requested on each claim
1	CAS PL	4	P 508065	1	2
2	CAS PL	5	P 508066	1	2
3	CAS PL	6	P 508067	1	2
4	CAS PL	7	P 508068	1	2
5	CAS PL	8	P 508069	1	2
6	CAS PL	9	P 508070	1	2
7	CAS PL	10	P 508071	1	2
8	CAS PL	11	P 508072	1	2
9	CAS PL	12	P 508073	1	2
10	CAS PL	13	P 508074	1	2
11	CAS PL	14	P 508075	1	2
12	CAS PL	15	P 508076	1	2
13	CAS PL	16	P 508077	1	2
14	CAS PL	17	P 508078	1	2
15	CAS PL	18	P 508079	1	2
16	CAS PL	19	P 508080	1	2
17	CAS PL	20	P 508081	1	2
18	CAS PL	21	P 508082	1	2
19	CAS PL	22	P 508083	1	2
20	CAS PL	23	P 508084	1	2
21	CAS PL	24	P 508085	1	2
22	CAS PL	25	P 508086	1	2
23	CAS PL	26	P 508087	1	2
24	CAS PL	27	P 508088	1	2
25	CAS PL	28	P 508089	1	2
26	CAS PL	29	P 508090	1	2
27	CAS PL	30	P 508091	1	2
28	CAS PL	31	P 508092	1	2
29	CAS PL	32	P 508093	1	2
30	CAS PL	33	P 508094	1	2
31	CAS PL	34	P 508095	1	2
32	CAS PL	35	P 508096	1	2
33	CAS PL	36	P 508097	1	2
34	CAS PL	37	P 508098	1	2
35	CAS PL	38	P 508099	1	2
36	CAS PL	39	P 508100	1	2
37	CAS PL	40	P 509301	1	2
38	CAS PL	41	P 509302	1	2
39	CAS PL	42	P 509303	1	2
40	CAS PL	43	P 509304	1	2
41	CAS PL	44	P 509305	1	2
42	CAS PL	45	P 509306	1	2
43	CAS PL	46	P 509307	1	2
44	CAS PL	47	P 509308	1	2
45	CAS PL	48	P 509309	1	2
46	CAS PL	49	P 509310	1	2
47	CAS PL	50	P 509311	1	2
48	CAS PL	51	P 509312	1	2
49	CAS PL	52	P 509313	1	2
50	CAS PL	53	P 509314	1	2
51	CAS PL	54	P 509315	1	2
52	CAS PL	55	P 509316	1	2
53	CAS PL	56	P 509317	1	2
54	CAS PL	57	P 509318	1	2
55	CAS PL	58	P 509319	1	2



# APPENDIX A.

A XIDIV399A

## Casino 2019 Placer Work



- 2019 Drill Hole with Overburden
- 2019 Drill Hole without Overburden
- Contour\_5m

- Placer Claims**
- Casino Mining Corp. - 100%
  - Other

Scale: 1:250000  
Author: W&A  
Coordinate System: WGS 1984 UTM Zone 18N  
Project Date: 2019-08-01  
Sheet: North America 1903



Figure 10  
Detailed view

Figure 10  
Detailed view

Figure 10  
Detailed view



# APPENDIX B.



<b>Project:</b>	CASINO
<b>Hole:</b>	DH 19-26

<b>Prospect:</b>		<b>Survey Type:</b>	TSGPS	<b>Logged By:</b>	A.Sadursky	<b>Hole Type:</b>	DD
<b>UTM Grid</b>	NAD83_27	<b>Survey By:</b>	CAP Engineering	<b>Date Started:</b>		<b>Hole Diameter:</b>	
<b>UTM East:</b>	610858.69	<b>Azimuth:</b>	0	<b>Date Completed:</b>		<b>Core Size:</b>	NTW
<b>UTM North:</b>	6959092.321	<b>Dip:</b>	-90	<b>Drill Company:</b>	Kluane	<b>Casing Pulled?:</b>	<input type="checkbox"/>
<b>UTM Elevation (m)</b>	1240.65	<b>Length (m):</b>	31.26	<b>Drill Rig:</b>		<b>Casing Depth (m)</b>	
<b>Local Grid:</b>	Unknown			<b>Drill Started:</b>			
<b>Local East:</b>				<b>Drill Completed:</b>			
<b>Local North:</b>		<b>Comments:</b>	Final Survey Coordinates by CAP Engineering				
<b>Topo Elevation (m)</b>							

Depth (m)	Rock Type	ARG	PHY	POT	PRO	cpy	PY	mal	lim	Mag	From (m)	To (m)	Length	Sample #	Au Best	Ag Best	Cu Best	Mo Best	Pb Best	
		Alt	Alt	Alt	Alt	Min	Min	Min	Min	Sus					ppm	ppm	pct	ppm	pct	
0.00		0	70	70	70	70	100	100	100	100										
3.00	OVB																			
6.00																				
9.00																				
12.00																				
15.00	WRGD																			
18.00																				
21.00																				
24.00																				
27.00																				
30.00																				

Hole: DH 19-26

Depth (m)	Rock Type	ARG Alt	PHY Alt	POT Alt	PRO Alt	cpy Min	PY Min	mal Min	lim Min	Mag Sus	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best pct	Mo Best ppm	Pb Best pct	
		0	7 0	7 0	7 0	7 0	10 0	10 0	10 0	10 0										

End of Hole @ 31.26

**Project:** CASINO

**Hole:** DH 19-26A

<b>Prospect:</b>		<b>Survey Type:</b>	TSGPS	<b>Logged By:</b>	K.Baker	<b>Hole Type:</b>	DD
<b>UTM Grid</b>	NAD83_27	<b>Survey By:</b>	CAP Engineering	<b>Date Started:</b>	8/18/2019	<b>Hole Diameter:</b>	
<b>UTM East:</b>	610860.691	<b>Azimuth:</b>	0	<b>Date Completed:</b>	8/20/2019	<b>Core Size:</b>	NTW
<b>UTM North:</b>	6959103.418	<b>Dip:</b>	-90	<b>Drill Company:</b>	Kluane	<b>Casing Pulled?:</b>	<input type="checkbox"/>
<b>UTM Elevation (m)</b>	1241.233	<b>Length (m):</b>	225.55	<b>Drill Rig:</b>		<b>Casing Depth (m)</b>	
<b>Local Grid:</b>	Unknown			<b>Drill Started:</b>			
<b>Local East:</b>				<b>Drill Completed:</b>			
<b>Local North:</b>		<b>Comments:</b>	Final Survey Coordinates by CAP Engineering				
<b>Topo Elevation (m)</b>							

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
50	DeviShot		8/4/2019	-88.91	100.54	19.1	119.64	56830	<input checked="" type="checkbox"/>	
75	DeviShot		8/4/2019	-88.97	94.56	19.1	113.66	56976	<input checked="" type="checkbox"/>	
100	DeviShot		8/4/2019	-88.37	240.81	19.1	259.91	64951	<input checked="" type="checkbox"/>	suspicious mag vector value
125	DeviShot		8/4/2019	-88.23	241.31	19.1	260.41	64590	<input checked="" type="checkbox"/>	suspicious mag vector value
150	DeviShot		8/4/2019	-87.97	241.67	19.1	260.77	65460	<input checked="" type="checkbox"/>	
175	DeviShot		8/4/2019	-87.84	237.84	19.1	256.94	66364	<input checked="" type="checkbox"/>	suspicious mag vector value
200	DeviShot		8/4/2019	-87.35	219.74	19.1	238.84	68557	<input checked="" type="checkbox"/>	suspicious mag vector value
225	DeviShot		8/4/2019	-87.2	219.91	19.1	239.01	68825	<input checked="" type="checkbox"/>	suspicious mag vector value





Hole: DH 19-26A

Depth (m)	Rock Type	ARG	PHY	POT	PRO	cpy	PY	mal	lim	Mag	From (m)	To (m)	Length	Sample #	Au Best	Ag Best	Cu Best	Mo Best	Pb Best	
		Alt	Alt	Alt	Alt	Min	Min	Min	Min	Sus					ppm	ppm	pct	ppm	pct	
		0	70	70	70	70	100	100	100	100										
0.00	OVB																			
3.00											1.20	4.57	3.37	A0614389	0.03	0.6	0.0073	2	0.0021	
											4.57	7.62	3.05	A0614390	0.01	0.25	0.0071	2	0.0021	
6.00																				
9.00											7.62	10.67	3.05	A0614391	0.099	1.4	0.143	43	0.0092	
12.00	WRGD										10.67	13.72	3.05	A0614393	0.483	10	0.189	198	0.0892	
15.00											13.72	16.76	3.04	A0614394	0.254	6.5	0.16	64	0.0617	
18.00																				
											16.76	19.81	3.05	A0614396	0.205	1.8	0.152	30	0.0052	
											19.81	22.86	3.05	A0614397	0.131	0.9	0.0834	10	0.0014	
21.00																				
											22.86	25.91	3.05	A0614398	0.156	1.2	0.0602	11	0.002	
24.00																				
											25.91	28.96	3.05	A0614399	0.126	0.7	0.0792	17	0.002	
27.00																				
30.00																				
											28.96	32.00	3.04	A0614400	0.095	0.5	0.0705	29	0.002	
33.00											32.00	35.05	3.05	A0614401	0.131	0.6	0.108	78	0.0015	
											35.05	38.10	3.05	A0614402	0.184	3.2	0.163	90	0.0042	
36.00																				
											38.10	41.15	3.05	A0614403	0.16	0.8	0.142	109	0.0036	
39.00																				
											41.15	44.20	3.05	A0614404	0.149	0.8	0.135	114	0.0018	
42.00																				
											44.20	47.24	3.04	A0614406	0.122	0.25	0.0826	92	0.0016	
45.00																				
48.00											47.24	50.29	3.05	A0614407	0.101	1	0.0865	89	0.003	



Hole: **DH 19-26A**

Depth (m)	Rock Type	ARG	PHY	POT	PRO	cpy	PY	mal	Ilm	Mag	From (m)	To (m)	Length	Sample #	Au Best	Ag Best	Cu Best	Mo Best	Pb Best	
		Alt	Alt	Alt	Alt	Min	Min	Min	Min	Sus					ppm	ppm	pct	ppm	pct	
		0	70	70	70	70	100	100	100	100	100									
51.00											50.29	53.34	3.05	A0614408	0.136	0.8	0.117	112	0.0026	
54.00											53.34	56.39	3.05	A0614409	0.18	8.5	0.0898	95	0.0202	
57.00																				
60.00											56.39	59.44	3.05	A0614411	0.161	1.8	0.117	67	0.0048	
63.00											59.44	62.50	3.06	A0614412	0.315	1.2	0.229	95	0.0047	
66.00											62.50	65.50	3.00	A0614413	0.239	1.1	0.202	120	0.0062	
69.00	WRDR										65.50	68.50	3.00	A0614414	0.084	0.7	0.0785	490	0.0024	
72.00											68.50	70.62	2.12	A0614416	0.08	0.6	0.0762	390	0.0022	
75.00											70.62	73.15	2.53	A0614417	0.194	0.8	0.118	96	0.0017	
78.00											73.15	76.20	3.05	A0614418	0.134	0.7	0.0977	590	0.0014	
81.00	YM										76.20	79.20	3.00	A0614419	0.288	1.2	0.24	130	0.0015	
84.00											79.20	82.20	3.00	A0614420	0.186	1.1	0.131	230	0.0006	
87.00											82.20	85.30	3.10	A0614421	0.367	1.8	0.199	174	0.0016	
90.00											85.30	88.39	3.09	A0614422	0.232	1.3	0.177	280	0.001	
93.00											88.39	91.44	3.05	A0614423	0.122	0.7	0.0907	117	0.0006	
96.00											91.44	94.49	3.05	A0614424	0.162	0.6	0.108	120	0.0008	
											94.49	97.54	3.05	A0614426	0.092	0.6	0.0682	113	0.0009	



Hole: DH 19-26A

Depth (m)	Rock Type	ARG	PHY	POT	PRO	cpy	PY	mal	lim	Mag	From (m)	To (m)	Length	Sample #	Au Best	Ag Best	Cu Best	Mo Best	Pb Best	
		Alt	Alt	Alt	Alt	Mln	Min	Min	Min	Sus					ppm	ppm	pct	ppm	pct	
		0	70	70	70	70	100	100	100	100										
99.00											97.54	100.58	3.04	A0614427	0.114	1.1	0.0974	75	0.0008	
102.00											100.58	103.63	3.05	A0614428	0.119	0.7	0.0962	42	0.0008	
											103.63	106.68	3.05	A0614429	0.1	0.7	0.0732	155	0.0008	
105.00																				
											106.68	109.73	3.05	A0614431	0.155	0.8	0.0641	233	0.0007	
108.00																				
											109.73	112.31	2.58	A0614432	0.074	0.25	0.0605	164	0.0009	
111.00																				
											112.31	115.58	3.27	A0614433	0.139	0.9	0.11	139	0.0006	
114.00																				
117.00																				
											115.58	118.50	2.92	A0614434	0.06	0.25	0.0567	130	0.0004	
120.00	WRDR										118.50	121.50	3.00	A0614436	0.09	0.5	0.0714	112	0.0009	
											121.50	124.50	3.00	A0614437	0.14	0.9	0.0972	113	0.0008	
123.00																				
											124.50	127.50	3.00	A0614438	0.097	0.9	0.0721	44	0.0009	
126.00																				
											127.50	130.50	3.00	A0614439	0.178	2.8	0.113	112	0.0022	
129.00																				
132.00																				
											130.50	133.50	3.00	A0614440	0.186	1.2	0.133	92	0.0009	
											133.50	136.50	3.00	A0614441	0.209	1	0.086	148	0.0008	
135.00																				
											136.50	139.50	3.00	A0614442	0.121	0.25	0.074	149	0.0008	
138.00																				
											139.50	142.50	3.00	A0614443	0.135	1.1	0.0771	100	0.0015	
141.00																				
											142.50	145.50	3.00	A0614444	0.065	0.25	0.0495	58	0.0011	
144.00																				



Hole: DH 19-26A

Depth (m)	Rock Type	ARG	PHY	POT	PRO	cpy	PY	mal	lim	Mag	From (m)	To (m)	Length	Sample #	Au Best	Ag Best	Cu Best	Mo Best	Pb Best
		Alt	Alt	Alt	Alt	Min	Min	Min	Min	Sus					ppm	ppm	pct	ppm	pct
		0	70	70	70	100	100	100	100	100									
147.00	YM										145.50	147.55	2.05	A0614446	0.133	1	0.0765	128	0.0013
											147.55	149.50	1.95	A0614447	0.146	0.25	0.107	158	0.0008
											149.50	151.49	1.99	A0614448	0.136	0.6	0.12	236	0.0012
150.00																			
											151.49	153.50	2.01	A0614449	0.068	0.25	0.0533	176	0.0011
153.00																			
											153.50	155.50	2.00	A0614451	0.041	0.25	0.0412	159	0.0013
											155.50	157.50	2.00	A0614452	0.046	0.25	0.0329	280	0.0012
156.00	WRDR																		
159.00	WRGD																		
											157.50	159.50	2.00	A0614453	0.165	0.6	0.13	460	0.0015
											159.50	161.54	2.04	A0614454	0.322	0.9	0.169	111	0.0016
162.00											161.54	163.85	2.31	A0614456	0.073	0.25	0.0584	197	0.0019
											163.85	165.85	2.00	A0614457	0.089	0.25	0.0626	390	0.0021
165.00																			
											165.85	167.85	2.00	A0614458	0.083	0.25	0.0632	360	0.0017
											167.85	169.85	2.00	A0614459	0.116	0.9	0.0826	330	0.0023
168.00																			
											169.85	171.85	2.00	A0614460	0.099	0.9	0.0768	610	0.002
171.00																			
											171.85	173.85	2.00	A0614461	0.091	0.6	0.0541	360	0.0018
											173.85	175.85	2.00	A0614462	0.054	0.25	0.0376	85	0.0017
174.00																			
											175.85	177.70	1.85	A0614463	0.114	0.7	0.0858	147	0.0082
177.00																			
											177.70	179.40	1.70	A0614464	0.191	1.6	0.161	330	0.0023
											179.40	181.35	1.95	A0614466	0.12	0.8	0.0936	159	0.0022
180.00	YM																		
											181.35	183.35	2.00	A0614467	0.123	0.9	0.0987	142	0.002
183.00	WRGD																		



Hole: DH 19-26A

Depth (m)	Rock Type	ARG	PHY	POT	PRO	cpy	PY	mal	lim	Mag	From (m)	To (m)	Length	Sample #	Au Best	Ag Best	Cu Best	Mo Best	Pb Best					
		Alt	Alt	Alt	Alt	Min	Min	Min	Min	Sus					ppm	ppm	pct	ppm	pct					
		0	70	70	70	70	100	100	100	100														
186.00	[Blue Bar]										183.35	186.35	3.00	A0614468	0.126	0.5	0.0934	270	0.0015					
												186.35	189.35	3.00	A0614469	0.233	1.3	0.15	249	0.002				
189.00																								
192.00																								
195.00																								
198.00																								
201.00																								
204.00																								
207.00																								
210.00																								
213.00																								
216.00																								
219.00																								
222.00																								
225.00																								

End of Hole @ 225.55



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
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 & GOLD CORP  
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**CERTIFICATE WH19213249**

Project: Casino

This report is for 58 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 27-AUG-2019.

The following have access to data associated with this certificate:

JACK MCCLINTOCK	HEATHER SEELEY	PAUL WEST-SELLS
-----------------	----------------	-----------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-23	Pulp Login - Rcvd with Barcode

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	
Ag-OG62	Ore Grade Ag - Four Acid	
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	
Mo-OG62	Ore Grade Mo - Four Acid	
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICPG1	33 element four acid ICP-AES	ICP-AES

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.  
 \*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:   
 Saa Traxler, General Manager, North Vancouver



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Project: Casino

**CERTIFICATE OF ANALYSIS WH19213249**

Sample Description	Method	WEF-21	Au-AA23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
Units		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
LOD		0.02	0.005	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
A0606944		5.61	0.066	0.6	8.37	<5	2640	1.7	<2	4.85	<0.5	5	8	741	1.61	20
A0606945		7.78	0.088	0.6	8.00	<5	2240	1.6	2	4.95	<0.5	5	8	814	1.55	20
A0606946		9.19	0.281	4.7	8.07	140	860	1.5	2	3.49	4.5	12	13	2390	2.86	20
A0606947		8.13	0.248	27.1	7.41	455	810	1.4	6	5.98	6.8	13	20	2980	3.30	20
A0614389		2.57	0.030	0.6	8.62	35	2640	1.4	<2	2.38	<0.5	6	14	73	2.40	20
A0614390		2.49	0.010	<0.5	8.31	22	2920	1.4	<2	2.14	<0.5	6	9	71	2.17	20
A0614391		2.45	0.099	1.4	8.60	27	1770	1.7	<2	1.48	<0.5	13	10	1405	2.82	20
A0614393		6.09	0.483	10.2	8.89	87	1300	1.8	<2	0.59	0.6	5	16	1900	3.26	20
A0614394		11.60	0.254	6.5	9.10	90	1370	1.5	<2	1.01	0.7	7	10	1545	3.60	20
A0614395		0.10	0.408	16.9	7.11	541	740	0.7	14	5.83	0.5	30	30	1680	5.03	10
A0614396		9.32	0.205	1.8	8.88	25	1790	1.9	<2	1.08	<0.5	10	10	1456	2.75	20
A0614397		7.44	0.131	0.9	9.02	8	1630	1.5	3	2.31	<0.5	10	7	834	3.87	20
A0614398		7.69	0.158	1.2	7.54	9	2200	1.6	<2	1.19	0.5	4	14	802	2.05	20
A0614399		7.18	0.128	0.7	7.18	8	1890	1.5	<2	1.50	0.7	9	15	782	2.28	10
A0614400		12.88	0.095	0.5	8.77	8	1980	1.3	<2	1.82	<0.5	7	12	705	1.99	10
A0614401		14.85	0.131	0.8	8.66	18	2130	1.2	2	3.14	<0.5	8	10	1030	1.84	10
A0614402		13.04	0.184	3.2	8.99	31	2190	1.3	<2	2.41	1.1	10	11	1525	1.56	10
A0614403		9.31	0.180	0.8	8.40	15	2070	1.2	<2	2.87	0.5	8	11	1345	1.39	10
A0614404		4.91	0.148	0.8	8.30	22	2190	1.1	<2	3.46	<0.5	8	10	1285	1.52	10
A0614405		0.64	<0.005	<0.5	0.09	<5	50	<0.5	<2	31.9	<0.5	<1	7	9	0.07	<10
A0614406		8.04	0.122	<0.5	8.90	16	1630	1.2	<2	3.05	<0.5	7	9	826	1.89	10
A0614407		5.92	0.101	1.0	8.66	14	1710	1.1	<2	2.23	0.5	6	15	865	1.27	10
A0614408		8.47	0.136	0.8	8.64	16	2160	1.3	<2	3.08	<0.5	7	7	1105	1.42	10
A0614409		4.19	0.180	8.5	7.01	130	810	1.2	3	2.63	3.8	6	7	898	3.26	10
A0614411		7.59	0.161	1.8	7.15	36	1770	1.1	<2	2.95	1.0	11	18	1090	2.60	10
A0614412		10.28	0.316	1.2	8.57	25	2620	1.2	<2	1.52	0.8	12	10	2190	2.62	20
A0614413		8.98	0.239	1.1	8.93	31	1470	1.1	<2	0.90	1.3	15	11	1800	2.55	20
A0614414		8.85	0.084	0.7	8.40	30	2200	0.8	3	0.58	<0.5	2	5	785	0.81	10
A0614415		0.10	0.401	14.5	6.54	512	880	0.7	12	5.35	<0.5	28	28	1755	4.70	10
A0614416		6.78	0.080	0.8	6.10	7	2890	0.8	2	0.88	<0.5	1	3	782	0.77	10
A0614417		7.78	0.194	0.8	8.32	15	1750	1.3	<2	1.55	<0.5	12	3	1145	2.70	20
A0614418		8.80	0.134	0.7	7.53	16	2460	1.2	<2	2.51	<0.5	10	3	877	3.31	20
A0614419		8.13	0.288	1.2	8.16	21	2150	1.1	2	1.72	<0.5	14	8	2330	2.51	20
A0614420		8.51	0.188	1.1	7.52	33	1270	1.3	<2	3.09	<0.5	11	9	1220	3.91	20
A0614421		8.93	0.367	1.8	5.82	15	960	1.1	7	1.74	<0.5	6	46	1875	2.47	10
A0614422		8.58	0.232	1.3	4.40	7	1200	1.0	2	1.58	<0.5	6	43	1715	2.08	10
A0614423		10.24	0.122	0.7	8.23	9	580	1.8	<2	3.63	<0.5	12	67	907	3.90	20
A0614424		9.71	0.182	0.6	8.01	8	1690	1.2	<2	2.47	<0.5	11	53	1015	3.06	10
A0614425		0.45	<0.005	<0.5	0.54	<5	50	<0.5	<2	30.4	<0.5	<1	1	10	0.09	<10
A0614426		10.00	0.092	0.6	8.19	5	1270	1.4	<2	2.15	<0.5	10	67	882	3.17	10

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Project: Casino

**CERTIFICATE OF ANALYSIS WH19213249**

Sample Description	Method Analyte Units LOD	ME-ICP61 K %	ME-ICP61 La ppm	ME-ICP61 Mg %	ME-ICP61 Mn ppm	ME-ICP61 Mo ppm	ME-ICP61 Na %	ME-ICP61 Ni ppm	ME-ICP61 P ppm	ME-ICP61 Pb ppm	ME-ICP61 S %	ME-ICP61 Sb ppm	ME-ICP61 Sc ppm	ME-ICP61 Sr ppm	ME-ICP61 Th ppm	ME-ICP61 Tl %
		0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
A0606944		2.34	10	0.57	145	27	2.62	<1	500	16	0.64	<5	8	630	<20	0.25
A0606945		2.24	10	0.49	139	38	2.68	<1	480	16	0.78	<5	5	633	<20	0.23
A0606946		2.38	10	0.46	546	62	0.72	4	800	58	2.08	50	10	348	<20	0.24
A0606947		1.75	10	0.55	1550	34	0.36	5	790	106	2.46	242	18	211	<20	0.35
A0614389		2.71	20	0.57	296	2	1.94	5	470	21	0.05	<5	8	428	<20	0.24
A0614390		3.21	10	0.52	388	2	1.98	3	450	21	0.04	8	7	378	20	0.22
A0614391		2.79	10	0.99	368	43	1.70	5	630	92	0.04	5	16	280	<20	0.31
A0614393		2.93	20	0.98	192	198	0.66	4	820	892	0.03	57	19	122	<20	0.39
A0614394		3.10	20	1.09	193	64	1.18	3	830	617	0.10	19	20	222	<20	0.40
A0614395		1.74	10	1.13	1450	170	1.88	23	650	27	0.36	39	11	440	<20	0.21
A0614396		2.58	20	1.18	172	30	1.45	3	910	52	0.01	7	16	238	<20	0.33
A0614397		1.99	20	1.81	194	10	1.90	3	920	14	0.01	<5	15	384	<20	0.42
A0614398		2.76	20	1.22	140	11	1.80	9	560	20	0.01	<5	13	270	<20	0.24
A0614399		2.55	20	1.17	204	17	1.68	8	570	20	0.08	<5	12	262	<20	0.25
A0614400		3.01	20	0.94	178	29	1.57	8	540	20	0.18	<5	11	246	<20	0.23
A0614401		3.14	20	0.84	278	78	0.86	8	520	15	0.41	<5	11	192	<20	0.23
A0614402		3.73	20	0.58	219	90	1.35	6	540	42	0.60	24	12	186	<20	0.21
A0614403		3.42	20	0.54	234	109	1.13	8	500	36	0.57	<5	11	165	<20	0.18
A0614404		3.13	20	0.54	322	114	0.80	8	540	19	0.51	8	11	176	<20	0.21
A0614405		0.03	<10	0.96	89	1	0.02	<1	80	<2	<0.01	5	<1	81	<20	0.01
A0614406		2.72	20	0.73	235	92	1.83	8	520	16	0.45	<5	11	222	<20	0.24
A0614407		2.76	10	0.45	221	89	1.78	5	420	30	0.50	8	8	223	<20	0.16
A0614408		3.15	10	0.57	344	112	1.68	5	470	26	0.38	8	8	240	<20	0.18
A0614409		3.54	20	0.76	1735	95	0.34	8	610	202	2.84	68	12	125	<20	0.28
A0614411		2.89	20	1.12	583	67	0.64	8	660	46	0.80	7	14	160	<20	0.29
A0614412		3.02	20	0.77	228	95	0.42	11	1090	47	0.77	11	18	202	<20	0.37
A0614413		2.52	20	0.45	236	120	0.08	12	1050	62	0.67	19	17	82	<20	0.36
A0614414		4.40	40	0.25	136	489	0.15	5	310	24	0.35	31	4	111	20	0.09
A0614415		1.61	10	1.04	1360	163	1.74	24	600	28	0.34	33	10	404	<20	0.20
A0614416		4.51	50	0.27	119	370	0.19	6	240	22	0.44	13	2	128	20	0.05
A0614417		3.09	20	1.15	176	96	0.87	7	1290	17	0.52	<5	12	211	<20	0.34
A0614418		2.46	20	1.44	233	567	1.06	6	1310	14	0.40	5	15	434	<20	0.36
A0614419		3.20	20	1.07	172	130	0.88	8	1230	15	0.57	5	13	225	<20	0.35
A0614420		3.00	20	1.38	708	252	0.97	10	980	6	1.87	<5	17	239	<20	0.39
A0614421		3.34	30	0.68	243	174	0.46	21	490	16	1.47	<5	10	100	20	0.23
A0614422		2.32	20	1.12	162	282	0.63	21	560	10	0.64	<5	8	99	<20	0.21
A0614423		1.43	30	2.40	434	117	1.27	40	560	6	0.45	<5	13	175	<20	0.36
A0614424		2.51	20	1.78	216	120	1.10	30	670	8	0.83	<5	13	185	<20	0.32
A0614425		0.27	<10	1.48	83	1	0.25	<1	70	<2	<0.01	<5	<1	72	<20	0.01
A0614426		2.57	20	1.91	227	113	1.16	32	470	9	0.45	<5	16	150	<20	0.32

\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*





ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
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**CERTIFICATE OF ANALYSIS WH19213249**

Sample Description	Method Analyte Units LOD	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Ag-OC62	Cu-OC62	Mo-OC62
		Tl ppm 10	U ppm 10	V ppm 1	W ppm 10	Zn ppm 2	Ag ppm 1	Cu % 0.001	Mo % 0.001
A0606944		<10	<10	77	<10	28			
A0606945		<10	<10	74	<10	23			
A0606946		<10	<10	114	20	382		0.241	
A0606947		<10	<10	181	20	382	28	0.291	
A0614389		<10	<10	59	10	48			
A0614390		<10	<10	54	<10	49			
A0614391		<10	<10	125	<10	96		0.143	
A0614393		<10	<10	174	10	208	10	0.189	
A0614394		<10	<10	172	10	167		0.180	
A0614395		<10	<10	91	10	103	15	0.180	
A0614396		<10	<10	134	<10	78		0.152	
A0614397		<10	<10	153	<10	70			
A0614398		<10	<10	98	10	52			
A0614399		<10	<10	95	<10	84			
A0614400		<10	<10	88	<10	47			
A0614401		<10	<10	88	<10	33		0.108	
A0614402		<10	<10	93	10	71		0.183	
A0614403		<10	<10	85	10	50		0.142	
A0614404		<10	<10	88	10	31		0.135	
A0614405		<10	<10	2	<10	3			
A0614406		<10	<10	93	10	27			
A0614407		<10	<10	88	10	48			
A0614408		10	<10	77	<10	47		0.117	
A0614409		<10	<10	97	10	291			
A0614411		<10	<10	111	10	105		0.117	
A0614412		<10	<10	149	40	74		0.228	
A0614413		<10	<10	147	40	134		0.202	
A0614414		<10	<10	32	10	33			0.049
A0614415		<10	<10	84	10	95	14	0.178	
A0614416		<10	<10	17	10	33			0.039
A0614417		<10	<10	114	10	52		0.118	
A0614418		<10	<10	128	10	53			0.058
A0614419		<10	<10	128	20	47		0.240	
A0614420		<10	<10	182	10	53		0.131	0.023
A0614421		<10	<10	83	10	38		0.199	
A0614422		<10	<10	90	<10	39		0.177	0.028
A0614423		<10	<10	88	<10	85			
A0614424		<10	<10	104	<10	42		0.108	
A0614425		<10	<10	2	<10	4			
A0614426		<10	<10	128	20	43			

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To: CASINO MINING CORP C/O WESTERN COPPER  
 & GOLD CORP  
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 VANCOUVER BC V6E 4H1

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Project: Casino

**CERTIFICATE OF ANALYSIS WH19213249**

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10
A0614427		9.39	0.114	1.1	5.25	11	850	1.3	4	2.07	<0.5	13	83	874	3.48	10
A0614428		10.35	0.119	0.7	5.93	18	1140	1.4	<2	1.87	<0.5	14	85	962	3.24	20
A0614429		4.37	0.100	0.7	5.78	8	1310	1.2	3	1.89	<0.5	9	53	732	2.84	10
A0614431		9.85	0.155	0.9	5.94	10	970	1.4	3	3.08	<0.5	12	70	841	3.88	20
A0614432		8.38	0.074	<0.5	5.86	6	1170	1.3	<2	1.77	<0.5	9	77	805	2.83	20
A0614433		9.57	0.139	0.9	4.92	9	1480	0.9	<2	1.43	<0.5	10	83	1030	2.29	10
A0614434		10.48	0.060	<0.5	7.62	6	1790	1.4	2	3.29	<0.5	11	4	587	4.05	20
A0614435		0.10	0.400	15.0	6.80	522	700	0.7	9	5.82	0.7	31	30	1840	4.89	10
A0614436		10.35	0.090	0.5	8.00	6	1970	1.4	<2	3.53	<0.5	13	3	714	4.41	20
A0614437		10.59	0.140	0.9	8.00	8	1390	1.3	<2	3.54	<0.5	14	7	972	4.03	20
A0614438		9.78	0.097	0.9	8.16	14	1430	1.4	2	3.33	<0.5	13	4	721	4.84	20
A0614439		10.94	0.178	2.8	8.18	23	1590	1.2	8	3.22	<0.5	18	10	1125	5.41	20
A0614440		8.74	0.188	1.2	8.21	13	1780	1.3	<2	3.16	<0.5	14	6	1270	4.85	20
A0614441		9.83	0.209	1.0	8.13	11	2050	1.4	<2	3.19	<0.5	13	5	880	3.82	20
A0614442		10.35	0.121	<0.5	7.85	8	1880	1.5	<2	3.09	<0.5	12	3	740	3.88	10
A0614443		9.87	0.135	1.1	8.28	10	2330	1.5	2	2.84	<0.5	11	3	771	3.78	20
A0614444		9.91	0.085	<0.5	8.22	8	2590	1.5	<2	2.83	<0.5	7	5	495	3.37	20
A0614445		0.58	<0.005	0.6	0.48	<5	60	<0.5	<2	30.7	<0.5	<1	1	13	0.12	<10

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**CERTIFICATE OF ANALYSIS WH19213249**

Sample Description	Method Analyte Units LOD	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
		K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %
A0614427		2.19	20	1.82	236	75	0.57	32	830	8	1.15	<5	11	101	<20	0.47
A0614428		2.84	30	1.82	181	42	0.82	34	580	8	1.51	<5	11	119	<20	0.31
A0614429		2.68	30	1.82	181	155	0.70	30	440	8	0.69	<5	9	121	20	0.32
A0614431		2.00	30	1.99	353	233	0.79	37	600	7	0.90	<5	13	142	<20	0.39
A0614432		2.88	30	1.82	219	164	1.02	31	550	8	0.25	<5	13	128	<20	0.34
A0614433		2.41	30	1.57	179	138	1.08	37	590	8	0.48	<5	9	215	<20	0.24
A0614434		2.35	20	1.70	237	130	1.70	7	1420	4	0.58	<5	14	423	<20	0.41
A0614435		1.68	10	1.10	1370	163	1.82	24	630	30	0.38	39	10	426	<20	0.21
A0614436		2.25	10	1.60	281	112	1.83	4	1480	8	0.30	<5	15	477	<20	0.45
A0614437		2.38	10	2.00	285	113	1.95	5	1190	8	0.59	<5	18	454	<20	0.48
A0614438		2.23	10	1.81	258	44	2.18	3	1390	9	0.38	<5	16	509	<20	0.46
A0614439		2.20	20	1.82	307	112	1.61	7	1290	22	1.72	<5	19	421	<20	0.46
A0614440		2.30	10	1.75	280	92	1.99	5	1370	8	0.40	<5	17	484	<20	0.45
A0614441		2.52	10	1.70	266	148	1.88	2	1320	8	0.35	<5	18	445	<20	0.43
A0614442		2.67	20	1.81	196	149	1.95	7	1340	8	0.21	<5	14	408	<20	0.39
A0614443		2.97	20	1.42	281	100	1.87	4	1370	15	0.93	<5	13	418	<20	0.38
A0614444		2.65	20	1.21	187	58	2.32	3	1450	11	0.21	<5	10	534	<20	0.33
A0614445		0.19	<10	1.40	99	2	0.21	<1	80	<2	0.01	<5	<1	81	<20	0.01

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 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
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**CERTIFICATE OF ANALYSIS WH19213249**

Sample Description	Method Analyte Units LOD	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Ag-OC62	Cu-OC62	Mo-OC62
		Tl ppm 10	U ppm 10	V ppm 1	W ppm 10	Zn ppm 2	Ag ppm 1	Cu X 0.001	Mo X 0.001
A0614427		<10	<10	100	10	48			
A0614428		<10	<10	88	<10	41			
A0614429		<10	<10	79	<10	41			
A0614431		<10	<10	103	10	53			
A0614432		<10	<10	97	10	48			
A0614433		<10	<10	111	<10	35		0.110	
A0614434		<10	<10	152	<10	37			
A0614435		<10	<10	87	10	98	14	0.175	
A0614436		<10	<10	173	<10	45			
A0614437		<10	<10	193	<10	48			
A0614438		<10	<10	180	<10	54			
A0614439		10	<10	177	<10	87		0.113	
A0614440		<10	<10	182	<10	56		0.133	
A0614441		<10	<10	150	<10	48			
A0614442		10	<10	133	<10	34			
A0614443		<10	<10	114	<10	47			
A0614444		<10	<10	84	<10	35			
A0614445		<10	<10	3	<10	3			

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**CERTIFICATE OF ANALYSIS WH19213249**

	<b>CERTIFICATE COMMENTS</b>								
	<p style="text-align: center;"><b>LABORATORY ADDRESSES</b></p>								
<b>Applies to Method:</b>	<p>Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.</p> <table><tr><td>CRU-31</td><td>CRU-QC</td><td>LOG-21</td><td>LOG-23</td></tr><tr><td>PUL-31</td><td>PUL-QC</td><td>SPL-21</td><td>WEI-21</td></tr></table>	CRU-31	CRU-QC	LOG-21	LOG-23	PUL-31	PUL-QC	SPL-21	WEI-21
CRU-31	CRU-QC	LOG-21	LOG-23						
PUL-31	PUL-QC	SPL-21	WEI-21						
<b>Applies to Method:</b>	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table><tr><td>Ag-OG62</td><td>Au-AA23</td><td>Cu-OG62</td><td>ME-ICP61</td></tr><tr><td>ME-OG62</td><td>Mo-OG62</td><td></td><td></td></tr></table>	Ag-OG62	Au-AA23	Cu-OG62	ME-ICP61	ME-OG62	Mo-OG62		
Ag-OG62	Au-AA23	Cu-OG62	ME-ICP61						
ME-OG62	Mo-OG62								



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**CERTIFICATE WH19229710**

Project: Casino

This report is for 51 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 30-AUG-2019.

The following have access to data associated with this certificate:

JACK MCCLINTOCK	HEATHER SEELEY	PAUL WEST-SELLS
-----------------	----------------	-----------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-23	Pulp Login - Rcvd with Barcode

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	
Ag-OG62	Ore Grade Ag - Four Acid	
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	
Mo-OG62	Ore Grade Mo - Four Acid	
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP61	33 element four acid ICP-AES	ICP-AES

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:   
 Saa Traxler, General Manager, North Vancouver



ALS Canada Ltd.  
 2103 Dollarton Hwy  
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**CERTIFICATE OF ANALYSIS WH19229710**

Method Analyte Unks LOD	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10
A0618148	3.48	0.121	0.7	7.41	12	1780	0.8	4	0.03	<0.5	<1	18	18	2.24	20
A0618149	5.53	0.062	1.5	7.33	15	1870	0.8	3	0.02	<0.5	<1	12	11	2.40	20
A0618150	5.18	0.042	0.9	7.28	14	1550	0.8	3	0.02	<0.5	<1	11	20	3.23	20
A0618151	8.66	0.030	<0.5	7.40	22	3080	1.0	2	0.07	<0.5	4	11	145	5.02	20
A0618152	8.70	0.125	3.0	7.05	35	1400	0.8	8	0.02	<0.5	<1	10	24	3.71	20
A0618153	7.42	0.108	0.8	7.52	51	1440	0.8	2	0.03	<0.5	<1	12	83	3.80	20
A0618154	0.28	<0.005	<0.5	0.08	<5	20	<0.5	<2	34.1	<0.5	<1	<1	<1	0.16	<10
A0618155	8.63	0.050	<0.5	8.03	25	1550	0.9	2	0.04	<0.5	1	11	71	4.15	20
A0607016	9.90	0.116	<0.5	7.68	12	140	0.8	4	0.19	<0.5	14	13	408	5.80	20
A0607017	8.28	0.110	<0.5	8.07	8	210	1.1	3	0.08	<0.5	14	13	491	4.88	20
A0607018	9.00	0.082	<0.5	7.74	8	150	0.8	3	0.08	<0.5	11	11	315	5.27	10
A0607019	8.67	0.159	0.7	7.81	9	240	0.8	<2	0.09	<0.5	13	12	638	4.58	10
A0607020	0.22	0.015	<0.5	0.35	<5	60	<0.5	<2	35.5	<0.5	2	1	5	0.15	<10
A0607021	10.28	0.128	<0.5	7.88	17	180	0.8	<2	0.12	<0.5	13	12	358	4.96	20
A0607022	9.12	0.207	<0.5	6.73	13	400	0.5	2	0.30	<0.5	12	14	182	5.87	20
A0607023	9.13	0.283	<0.5	7.72	11	190	0.9	<2	0.12	<0.5	15	12	321	4.78	20
A0607024	9.24	0.417	2.9	7.48	30	280	0.9	3	0.13	<0.5	18	12	511	5.85	20
A0607025	9.85	0.078	<0.5	7.82	8	180	1.1	3	0.15	<0.5	17	11	252	4.88	10
A0607026	7.70	0.424	<0.5	7.81	12	180	1.1	<2	0.17	<0.5	14	11	395	4.97	10
A0607027	8.63	0.082	<0.5	7.88	11	190	1.2	3	0.15	<0.5	15	12	281	5.20	10
A0607028	9.47	0.083	<0.5	7.39	8	120	1.1	<2	0.41	<0.5	24	11	198	5.80	10
A0607029	0.10	0.828	15.5	5.97	2480	730	0.8	14	6.15	0.7	70	34	4070	4.86	10
A0607030	8.94	0.082	<0.5	7.92	11	170	1.2	2	1.28	<0.5	18	14	389	4.82	20
A0607031	8.79	0.084	<0.5	7.82	5	540	1.2	2	1.55	<0.5	13	11	180	4.80	20
A0607032	9.78	0.080	<0.5	7.53	8	260	1.2	<2	1.00	<0.5	16	12	213	5.12	10
A0607033	4.34	0.189	1.8	8.94	35	590	0.9	8	0.16	<0.5	18	11	300	8.01	10
A0607035	8.88	0.059	<0.5	7.43	6	260	1.1	<2	0.18	<0.5	15	12	199	7.04	10
A0607036	8.51	0.054	<0.5	7.45	10	170	0.9	<2	0.15	<0.5	18	11	140	5.50	20
A0607037	9.38	0.073	<0.5	7.53	7	290	0.7	2	0.14	<0.5	21	13	89	7.08	10
A0607038	9.51	0.139	<0.5	7.84	8	150	1.1	<2	0.22	<0.5	15	11	118	6.18	10
A0607039	8.49	0.087	<0.5	7.38	5	180	1.0	<2	0.30	<0.5	15	11	183	5.08	10
A0607040	0.29	<0.005	<0.5	0.07	<5	20	<0.5	<2	31.4	<0.5	1	1	2	0.08	<10
A0607041	8.38	0.213	1.1	7.59	11	140	1.1	2	0.41	<0.5	12	13	438	5.43	20
A0607042	8.88	0.112	0.5	7.44	6	130	1.0	<2	0.49	<0.5	14	19	297	5.23	20
A0607043	9.05	0.099	<0.5	7.77	9	130	1.0	<2	0.15	<0.5	14	12	380	6.05	10
A0607044	8.53	0.120	0.8	7.48	7	180	1.0	2	0.18	<0.5	20	13	534	7.12	10
A0607045	9.18	0.128	<0.5	7.88	7	180	1.3	<2	0.33	<0.5	14	13	284	4.84	20
A0614370	4.51	0.051	<0.5	7.09	11	780	1.2	2	1.98	<0.5	17	13	262	3.31	20
A0614350	2.86	<0.005	<0.5	7.77	8	1480	1.8	<2	2.78	<0.5	5	10	28	2.61	20
A0606914	2.88	0.353	1.4	8.72	9	2140	1.3	<2	3.08	<0.5	24	8	2920	2.86	20

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ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
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**CERTIFICATE OF ANALYSIS WH19229710**

Sample Description	Method Analyte Units LOD	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		K % 0.01	La ppm 10	Mg % 0.01	Mn ppm 5	Mo ppm 1	Na % 0.01	Ni ppm 1	P ppm 10	Pb ppm 2	S % 0.01	Sb ppm 5	Sc ppm 1	Sr ppm 1	Th ppm 20	Ti % 0.01
A0618148		3.84	30	0.34	29	3	0.13	<1	150	21	0.52	<5	13	19	20	0.14
A0618149		3.61	30	0.34	35	2	0.12	<1	180	88	0.81	7	13	18	30	0.14
A0618150		2.93	20	0.29	25	1	0.09	<1	300	82	0.89	8	13	20	40	0.18
A0618151		2.55	30	0.46	188	1	0.41	1	580	48	0.74	<5	14	128	50	0.18
A0618152		3.47	30	0.32	30	1	0.10	<1	350	101	1.14	42	13	24	50	0.18
A0618153		3.19	30	0.31	28	1	0.08	<1	420	42	0.98	9	13	19	30	0.18
A0618154		0.03	<10	3.83	101	<1	0.02	1	70	<2	0.02	<5	<1	82	<20	<0.01
A0618155		2.71	30	0.29	32	<1	0.08	1	540	17	0.94	5	15	27	30	0.20
A0607016		3.58	20	0.33	21	5	0.10	3	590	4	5.75	<5	13	80	<20	0.14
A0607017		3.45	30	0.36	111	3	0.12	2	780	3	4.72	<5	14	169	20	0.12
A0607018		3.48	20	0.33	18	2	0.11	2	850	3	5.59	<5	11	148	20	0.10
A0607019		3.54	30	0.32	24	19	0.13	7	740	10	4.94	<5	12	170	20	0.13
A0607020		0.19	<10	1.23	83	<1	0.12	4	70	5	0.02	<5	<1	95	<20	0.01
A0607021		3.61	20	0.34	21	7	0.12	4	800	<2	5.41	<5	14	91	20	0.13
A0607022		3.18	10	0.28	18	4	0.10	2	370	2	6.43	<5	11	52	20	0.14
A0607023		3.50	30	0.33	23	1	0.12	4	550	3	5.10	<5	13	37	20	0.13
A0607024		3.37	20	0.33	22	2	0.12	3	580	<2	8.33	8	11	42	<20	0.11
A0607025		3.29	20	0.30	221	3	0.13	4	630	<2	4.60	<5	13	44	<20	0.13
A0607026		3.25	20	0.34	796	1	0.12	4	680	3	4.37	5	13	30	<20	0.16
A0607027		3.09	20	0.32	321	1	0.13	4	630	4	4.84	<5	13	44	<20	0.16
A0607028		3.12	20	0.44	207	8	0.13	5	570	5	5.28	<5	12	32	<20	0.14
A0607029		1.68	10	0.78	1380	323	1.71	28	880	27	0.71	45	8	478	<20	0.15
A0607030		3.02	20	0.73	283	2	0.12	2	580	4	4.44	<5	13	33	<20	0.17
A0607031		2.82	20	0.89	248	1	0.15	4	540	2	4.07	<5	12	44	<20	0.16
A0607032		3.03	20	0.67	472	4	0.11	4	540	<2	4.42	<5	13	39	<20	0.16
A0607033		3.12	20	0.31	382	2	0.11	5	530	28	7.45	<5	11	48	<20	0.11
A0607035		3.28	10	0.30	268	<1	0.13	4	540	<2	6.88	<5	11	34	<20	0.11
A0607036		3.38	10	0.30	28	3	0.13	4	570	4	5.84	<5	12	40	<20	0.12
A0607037		3.41	20	0.30	37	1	0.14	3	580	2	7.55	<5	12	32	<20	0.12
A0607038		3.37	20	0.32	266	1	0.15	3	720	<2	5.97	<5	13	32	<20	0.13
A0607039		3.15	20	0.36	213	<1	0.12	2	550	<2	4.84	<5	12	25	<20	0.13
A0607040		0.02	<10	1.97	72	<1	0.02	<1	80	3	<0.01	<5	<1	72	<20	<0.01
A0607041		3.28	20	0.41	204	1	0.10	3	590	8	5.30	<5	13	24	<20	0.14
A0607042		3.34	20	0.36	197	<1	0.13	4	580	3	5.04	<5	12	26	<20	0.12
A0607043		3.53	20	0.34	141	<1	0.13	4	580	<2	5.99	<5	12	24	<20	0.13
A0607044		3.33	20	0.30	228	2	0.13	3	570	<2	8.88	<5	12	25	<20	0.12
A0607045		2.91	20	0.33	218	1	0.13	4	810	<2	4.27	<5	13	30	<20	0.16
A0614370		2.55	20	0.89	178	2	1.10	2	530	8	2.09	<5	11	203	<20	0.18
A0614350		2.54	20	0.71	487	2	2.48	4	850	10	0.03	<5	5	872	<20	0.27
A0606914		2.89	10	0.57	113	149	2.28	4	480	11	1.78	<5	9	473	<20	0.17

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*





ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
 www.alsglobal.com/geochemistry

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**CERTIFICATE OF ANALYSIS WH19229710**

Sample Description	Method Analyte Units LOD	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Ag-OC62	Cu-OC62	Mo-OC62
		Tl ppm 10	U ppm 10	V ppm 1	W ppm 10	Zn ppm 2	Ag ppm 1	Cu % 0.001	Mo % 0.001
A0618148		<10	<10	89	20	8			
A0618149		<10	<10	89	20	9			
A0618150		<10	<10	94	10	10			
A0618151		<10	<10	83	<10	110			
A0618152		<10	<10	87	20	10			
A0618153		<10	<10	95	20	26			
A0618154		<10	<10	1	<10	3			
A0618155		10	<10	104	10	58			
A0607016		<10	<10	95	20	13			
A0607017		10	10	92	20	25			
A0607018		<10	10	83	30	12			
A0607019		<10	20	84	20	25			
A0607020		<10	<10	1	<10	3			
A0607021		<10	10	92	30	11			
A0607022		10	10	87	20	9			
A0607023		<10	10	89	20	23			
A0607024		<10	10	82	20	28			
A0607025		<10	10	88	20	31			
A0607026		<10	10	84	20	40			
A0607027		<10	10	92	20	40			
A0607028		<10	10	89	20	35			
A0607029		<10	<10	58	10	107	16	0.400	0.034
A0607030		<10	<10	93	20	36			
A0607031		<10	<10	87	10	28			
A0607032		<10	<10	90	20	33			
A0607033		10	10	81	20	38			
A0607035		<10	10	86	20	30			
A0607036		<10	10	88	20	17			
A0607037		<10	10	88	30	18			
A0607038		<10	10	97	20	22			
A0607039		<10	10	87	20	28			
A0607040		<10	<10	2	<10	5			
A0607041		<10	10	94	20	25			
A0607042		<10	10	88	20	23			
A0607043		<10	10	92	30	21			
A0607044		<10	10	90	30	23			
A0607045		<10	<10	93	20	28			
A0614370		<10	<10	87	10	22			
A0614350		<10	<10	47	10	58			
A0606914		<10	<10	59	10	30			0.293

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 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
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**CERTIFICATE OF ANALYSIS WH19229710**

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10
A0614430		3.94	0.083	0.5	5.97	11	1460	1.3	<2	1.84	<0.5	11	55	657	2.95	20
A0614450		3.18	0.080	<0.5	7.24	8	1880	1.5	2	2.31	<0.5	11	20	582	2.46	20
A0614470		4.16	0.219	1.8	7.78	5	1610	2.3	<2	2.26	<0.5	7	14	1490	1.42	20
A0606874		4.15	0.097	1.0	8.23	9	3180	1.2	<2	4.17	<0.5	10	9	868	2.13	20
A0606893		4.71	0.152	3.8	9.39	428	1330	1.3	2	3.31	1.5	8	8	1280	2.67	20
A0606935		2.58	0.099	0.7	7.97	8	2370	1.4	<2	5.02	<0.5	8	5	929	1.40	20
A0614392		2.94	0.157	1.9	8.93	28	1750	1.7	3	1.52	<0.5	13	11	1500	3.16	20
A0614310		3.00	0.065	<0.5	7.15	11	750	1.1	<2	2.47	4.3	37	149	452	6.72	20
A0614410		5.18	0.187	8.5	7.80	135	500	1.3	2	2.89	4.5	8	8	898	3.93	20
A0618156		7.59	0.062	0.5	7.81	27	1520	0.9	<2	0.03	<0.5	1	12	44	2.34	20
A0618157		8.35	0.043	<0.5	7.87	14	1370	0.9	<2	0.02	<0.5	<1	12	49	3.24	20

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 North Vancouver BC V7H 0A7  
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**CERTIFICATE OF ANALYSIS WH19229710**

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
	Analyte	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Tl
Units		%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
LOD		0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
A0614430		2.71	30	1.71	179	198	0.78	24	440	5	0.84	<5	9	130	20	0.32
A0614450		2.95	20	1.12	126	185	2.18	7	840	10	0.20	<5	8	478	<20	0.27
A0614470		3.41	30	0.84	136	140	2.70	7	570	12	0.87	<5	11	347	<20	0.19
A0606874		2.14	10	0.88	97	39	2.46	2	560	17	0.57	<5	12	630	<20	0.28
A0606893		4.24	10	0.49	1480	128	0.45	1	480	59	2.25	85	11	143	<20	0.21
A0606935		2.31	10	0.46	159	42	2.46	2	440	11	0.92	5	5	599	<20	0.20
A0614392		2.78	10	1.18	329	46	1.74	4	690	112	0.03	<5	18	280	<20	0.34
A0614310		1.82	10	3.37	518	1	0.46	99	790	17	2.57	13	34	137	<20	0.59
A0614410		3.62	20	0.63	1815	70	0.45	2	810	321	3.57	78	13	134	<20	0.24
A0618156		3.28	30	0.30	35	1	0.14	4	310	72	0.56	10	15	25	20	0.19
A0618157		2.61	20	0.27	31	<1	0.08	<1	380	23	0.92	8	14	24	20	0.19

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 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
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**CERTIFICATE OF ANALYSIS WH19229710**

Sample Description	Method Analyte Units LOD	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Ag-OC62	Cu-OC62	Mo-OC62
		Tl ppm 10	U ppm 10	V ppm 1	W ppm 10	Zn ppm 2	Ag ppm 1	Cu % 0.001	Mo % 0.001
A0614430		<10	<10	80	10	41			
A0614450		<10	<10	103	10	25			
A0614470		10	<10	86	10	47		0.148	
A0606874		<10	<10	83	<10	28			
A0606893		10	<10	52	10	193		0.130	
A0606935		<10	<10	57	10	20			
A0614392		<10	<10	145	10	97		0.151	
A0614310		<10	<10	287	<10	200			
A0614410		<10	<10	87	10	308			
A0618156		<10	<10	100	20	21			
A0618157		<10	<10	86	10	22			

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**CERTIFICATE OF ANALYSIS WH19229710**

**CERTIFICATE COMMENTS**

**LABORATORY ADDRESSES**

Applies to Method:

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.  
 CRU-31 CRU-QC LOG-21  
 PUL-31 PUL-QC SPL-21

LOG-23  
 WEI-21

Applies to Method:

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.  
 Ag-OG62 Au-AA23 Cu-OG62  
 ME-OG62 Mo-OG62

ME-ICP61



**Project:** CASINO  
**Hole:** DH 19-30

<b>Prospect:</b>		<b>Survey Type:</b>	TSGPS	<b>Logged By:</b>	A.Sadursky	<b>Hole Type:</b>	DD
<b>UTM Grid</b>	NAD83_Z7	<b>Survey By:</b>	CAP Engineering	<b>Date Started:</b>		<b>Hole Diameter:</b>	
<b>UTM East:</b>	610959.506	<b>Azimuth:</b>	0	<b>Date Completed:</b>		<b>Core Size:</b>	NTW
<b>UTM North:</b>	6959206.095	<b>Dip:</b>	-90	<b>Drill Company:</b>	Kluane	<b>Casing Pulled?:</b>	<input type="checkbox"/>
<b>UTM Elevation (m)</b>	1253.668	<b>Length (m):</b>	249.94	<b>Drill Rig:</b>		<b>Casing Depth (m)</b>	
<b>Local Grid:</b>		<b>Comments:</b>	Final Survey Coordinates by CAP Engineering				
<b>Local East:</b>				<b>Drill Started:</b>			
<b>Local North:</b>				<b>Drill Completed:</b>			
<b>Topo Elevation (m)</b>							

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
50	DeviShot		6/27/2019	-89.18	94.7	19.1	113.8	56720	<input checked="" type="checkbox"/>	
100	DeviShot		6/27/2019	-89.66	99.03	19.1	118.13	56937	<input checked="" type="checkbox"/>	
150	DeviShot		6/27/2019	-89.68	121.64	19.1	140.74	56340	<input checked="" type="checkbox"/>	
200	DeviShot		6/27/2019	-89.59	159.46	19.1	178.56	55022	<input checked="" type="checkbox"/>	
249.94	DeviShot		6/27/2019	-89.45	156.74	19.1	175.84	56580	<input checked="" type="checkbox"/>	

Depth (m)	Rock Type	ARG	PHY	POT	PRO	cpy	PY	mal	lim	Mag	From (m)	To (m)	Length	Sample #	Au Best	Ag Best	Cu Best	Mo Best	Pb Best	
		Alt	Alt	Alt	Alt	Min	Min	Min	Min	Sus					ppm	ppm	pct	ppm	pct	
0.00		0	7 0	7 0	7 0	7 0	10 0	10 0	10 0	10 0										
3.00	OVB										3.05	6.00	2.95	A0613136	0.013	0.5	0.0189	2	0.0014	
6.00											6.00	9.00	3.00	A0613137	0.067	5.5	0.019	1	0.0066	
9.00											9.00	12.00	3.00	A0613138	0.018	0.25	0.0187	1	0.0024	



Hole: DH 19-30

Depth (m)	Rock Type	ARG	PHY	POT	PRO	cpy	PY	mal	lim	Mag	From (m)	To (m)	Length	Sample #	Au Best	Ag Best	Cu Best	Mo Best	Pb Best	
		Alt	Alt	Alt	Alt	Min	Min	Min	Min	Sus					ppm	ppm	pct	ppm	pct	
		0	70	70	70	70	100	100	100	100										
12.00											12.00	15.00	3.00	A0613139	0.047	0.25	0.0326	3	0.0013	
15.00											15.00	18.00	3.00	A0613140	0.032	0.25	0.0287	4	0.001	
18.00	WRGD										18.00	21.00	3.00	A0613141	0.029	0.25	0.0427	13	0.0012	
21.00											21.00	24.00	3.00	A0613143	0.022	0.25	0.0314	1	0.0034	
24.00											24.00	27.00	3.00	A0613144	0.019	0.25	0.0259	1	0.0013	
27.00																				
30.00											27.00	28.96	1.96	A0613145	0.039	0.25	0.0352	3	0.0012	
31.00											28.96	31.00	2.04	A0613146	0.05	0.25	0.0544	3	0.0018	
33.00											31.00	33.00	2.00	A0613147	0.058	2.5	0.06	9	0.044	
35.00											33.00	35.00	2.00	A0613148	0.029	0.25	0.0431	4	0.0021	
36.00											35.00	37.00	2.00	A0613149	0.023	0.25	0.0167	3	0.0015	
39.00																				
42.00											37.00	40.00	3.00	A0613150	0.04	0.25	0.04	2	0.0006	
45.00											40.00	43.00	3.00	A0613151	0.078	0.6	0.0493	5	0.0014	
48.00											43.00	46.00	3.00	A0613153	0.033	0.25	0.0327	2	0.0014	
51.00																				
54.00											46.00	48.00	2.00	A0613154	0.044	0.25	0.0308	1	0.0015	
57.00											48.00	50.00	2.00	A0613156	0.082	0.25	0.0693	7	0.0011	
60.00											50.00	52.00	2.00	A0613157	0.03	0.25	0.0359	9	0.0007	
63.00																				
66.00											52.00	54.00	2.00	A0613158	0.047	0.25	0.0451	5	0.001	
											54.00	56.00	2.00	A0613159	0.075	0.7	0.0578	6	0.0025	
											56.00	58.00	2.00	A0613160	0.114	0.25	0.0715	12	0.0005	
											58.00	60.00	2.00	A0613161	0.17	2.1	0.147	3	0.0035	
											60.00	62.00	2.00	A0613163	0.041	0.25	0.0406	3	0.0035	
											62.00	65.00	3.00	A0613164	0.043	0.5	0.0342	1	0.0012	
											65.00	68.00	3.00	A0613165	0.066	1	0.0481	2	0.003	



Hole: DH 19-30

Depth (m)	Rock Type	ARG	PHY	POT	PRO	cpy	PY	mal	lim	Mag	From (m)	To (m)	Length	Sample #	Au Best	Ag Best	Cu Best	Mo Best	Pb Best	
		Alt	Alt	Alt	Alt	Min	Min	Min	Min	Sus					ppm	ppm	pct	ppm	pct	
		0	7 0	7 0	7 0	7 0	10 0	10 0	10 0	10 0	100									
69.00											68.00	71.00	3.00	A0613166	0.068	0.6	0.0609	3	0.0009	
72.00											71.00	74.00	3.00	A0613167	0.09	0.7	0.0584	7	0.0022	
75.00											74.00	77.00	3.00	A0613168	0.079	0.6	0.0512	15	0.0008	
78.00											77.00	80.00	3.00	A0613169	0.052	0.9	0.0391	10	0.0022	
81.00											80.00	83.00	3.00	A0613170	0.105	0.7	0.0708	11	0.0013	
84.00											83.00	86.00	3.00	A0613172	0.065	0.8	0.0484	7	0.003	
87.00											86.00	89.00	3.00	A0613173	0.06	0.25	0.0513	5	0.0009	
90.00											89.00	92.00	3.00	A0613174	0.073	0.25	0.0665	20	0.0008	
93.00											92.00	94.00	2.00	A0613176	0.101	0.25	0.0658	6	0.0013	
96.00	IX										94.00	95.75	1.75	A0613177	0.099	0.5	0.0828	7	0.0023	
99.00	WRGD										95.75	96.91	1.16	A0613178	0.047	0.25	0.0493	14	0.0007	
102.00											96.91	98.00	1.09	A0613179	0.166	1.7	0.0999	31	0.0041	
105.00											98.00	99.06	1.06	A0613180	0.208	1	0.146	29	0.0016	
108.00											99.06	101.06	2.00	A0613181	0.147	0.8	0.0921	18	0.0016	
											101.06	104.00	2.94	A0613183	0.084	0.7	0.0644	17	0.0027	
											104.00	107.00	3.00	A0613184	0.13	1	0.088	22	0.0015	
											107.00	110.00	3.00	A0613185	0.103	1.5	0.0615	16	0.0038	
											110.00	113.00	3.00	A0613186	0.128	1.1	0.0754	22	0.0018	





Hole: DH 19-30

Depth (m)	Rock Type	ARG	PHY	POT	PRO	cpy	PY	mal	lim	Mag	From (m)	To (m)	Length	Sample #	Au Best	Ag Best	Cu Best	Mo Best	Pb Best		
		Alt	Alt	Alt	Alt	Min	Min	Min	Min	Sus					ppm	ppm	pct	ppm	pct		
		0	70	70	70	100	100	100	100	100											
111.00	[Blue Bar]										113.00	116.00	3.00	A0613187	0.138	1	0.0585	26	0.0021		
114.00											116.00	119.00	3.00	A0613188	0.077	1.2	0.0486	14	0.006		
117.00											119.00	122.00	3.00	A0613189	0.054	0.25	0.0484	29	0.0005		
120.00																					
123.00											122.00	124.97	2.97	A0613191	0.096	0.25	0.054	22	0.001		
126.00											124.97	128.02	3.05	A0613192	0.053	0.25	0.0428	19	0.0014		
129.00											128.02	131.06	3.04	A0613193	0.029	0.25	0.034	41	0.0013		
132.00											131.06	134.11	3.05	A0613194	0.044	0.5	0.0475	32	0.003		
135.00											134.11	137.16	3.05	A0613196	0.122	5.7	0.122	101	0.0083		
138.00											137.16	140.00	2.84	A0613197	0.087	1.5	0.0862	25	0.0011		
141.00											140.00	143.00	3.00	A0613198	0.242	0.9	0.119	26	0.0012		
144.00											143.00	146.00	3.00	A0613199	0.092	1	0.0925	26	0.0011		
147.00											146.00	149.00	3.00	A0613200	0.115	0.8	0.098	15	0.0022		
150.00																					
153.00											149.00	152.00	3.00	A0613201	0.082	0.5	0.0778	33	0.0007		
156.00											152.00	155.00	3.00	A0613203	0.072	0.25	0.0675	26	0.001		
											155.00	156.97	1.97	A0613204	0.094	1	0.0632	28	0.0028		
											156.97	159.00	2.03	A0613205	0.102	3.1	0.0938	23	0.0097		



Hole: DH 19-30

Depth (m)	Rock Type	ARG	PHY	POT	PRO	cpy	PY	mal	llm	Mag	From (m)	To (m)	Length	Sample #	Au Best	Ag Best	Cu Best	Mo Best	Pb Best	
		Alt	Alt	Alt	Alt	Min	Min	Min	Min	Sus					ppm	ppm	pct	ppm	pct	
		0	70	70	70	100	100	100	100	100										
159.00											159.00	162.00	3.00	A0613206	0.13	0.9	0.0951	38	0.0017	
162.00											162.00	165.00	3.00	A0613207	0.104	0.5	0.0771	21	0.0009	
165.00											165.00	168.00	3.00	A0613208	0.236	0.7	0.147	20	0.001	
168.00											168.00	171.00	3.00	A0613209	0.124	0.5	0.107	20	0.0008	
171.00											171.00	174.00	3.00	A0613211	0.1	0.9	0.106	20	0.0009	
174.00											174.00	177.00	3.00	A0613212	0.068	0.5	0.083	43	0.0009	
177.00											177.00	180.00	3.00	A0613213	0.066	0.7	0.0655	17	0.0008	
180.00											180.00	183.00	3.00	A0613214	0.074	0.6	0.0683	16	0.0006	
183.00											183.00	186.00	3.00	A0613216	0.076	0.5	0.0714	18	0.0011	
186.00																				
											186.00	188.98	2.98	A0613217	0.109	0.9	0.0942	25	0.0018	
189.00																				
192.00																				
											188.98	192.02	3.04	A0613218	0.11	0.9	0.0839	26	0.0021	
195.00											192.02	195.07	3.05	A0613219	0.063	0.25	0.0503	6	0.0013	
											195.07	198.00	2.93	A0613220	0.123	0.6	0.101	20	0.0009	
198.00											198.00	201.00	3.00	A0613222	0.087	0.5	0.087	12	0.0012	
201.00											201.00	204.00	3.00	A0613223	0.192	0.9	0.139	31	0.0011	
204.00																				
											204.00	206.04	2.04	A0613224	0.177	0.8	0.155	31	0.0008	
207.00																				
											206.04	208.66	2.62	A0613225	0.14	1.4	0.128	34	0.002	
											208.66	209.66	1.00	A0613226	0.123	0.7	0.113	21	0.0012	
210.00											209.66	212.00	2.34	A0613227	0.174	3.6	0.119	21	0.0016	
											212.00	215.00	3.00	A0613228	0.265	2.7	0.186	22	0.0163	
213.00																				
											215.00	218.00	3.00	A0613229	0.16	0.7	0.119	16	0.0009	
216.00																				
											218.00	220.98	2.98	A0613231	0.172	2.2	0.126	27	0.0034	
219.00																				
											220.98	224.03	3.05	A0613232	0.15	0.9	0.114	18	0.0008	
222.00																				



Hole: DH 19-30

Depth (m)	Rock Type	ARG Alt	PHY Alt	POT Alt	PRO Alt	cpy Min	PY Min	mal Min	lim Min	Mag Sus	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best pct	Mo Best ppm	Pb Best pct	
		0	7 0	7 0	7 0	7 0	10 0	10 0	10 0	10 0	100									
225.00											224.03	227.08	3.05	A0613233	0.159	0.7	0.0961	80	0.0008	
228.00											227.08	230.12	3.04	A0613234	0.115	0.5	0.0917	30	0.0011	
231.00											230.12	233.17	3.05	A0613236	0.164	2.5	0.134	22	0.0038	
234.00											233.17	236.22	3.05	A0613237	0.077	0.25	0.0658	20	0.001	
237.00											236.22	239.27	3.05	A0613238	0.084	0.7	0.0688	11	0.0026	
240.00											239.27	242.32	3.05	A0613239	0.165	1.1	0.108	58	0.0024	
243.00											242.32	245.00	2.68	A0613240	0.156	2.2	0.115	15	0.0027	
246.00											245.00	248.00	3.00	A0613242	0.089	0.25	0.0634	11	0.001	
249.00											248.00	249.94	1.94	A0613243	0.079	0.25	0.0632	46	0.0015	

End of Hole @ 249.94



ALS Canada Ltd.  
2103 Dollarton Hwy  
North Vancouver BC V7H 0A7  
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
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Account: WECOGO

**CERTIFICATE WH19166537**

Project: Casino

This report is for 57 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 8-JUL-2019.

The following have access to data associated with this certificate:

JACK MCCLINTOCK

HEATHER SEELY

PAUL WEST-SELLS

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-23	Pulp Login - Rcvd with Barcode

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	
Ag-OG62	Ore Grade Ag - Four Acid	
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	
Mo-OG62	Ore Grade Mo - Four Acid	
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP61	33 element four acid ICP-AES	ICP-AES

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
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**CERTIFICATE OF ANALYSIS WH19166537**

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	Au-AA23 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
		0.02	0.005	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
A0605641		7.18	0.148	1.7	8.12	27	2370	1.2	4	0.18	0.8	12	13	679	3.51	20
A0605642		7.57	0.188	2.8	8.28	25	730	1.2	4	0.14	1.1	19	14	2200	3.92	20
A0605643		0.41	<0.005	<0.5	0.18	<5	80	<0.5	<2	30.4	<0.5	<1	1	15	0.14	<10
A0605644		8.74	0.222	2.5	8.88	24	480	1.1	4	0.23	0.6	28	14	2770	3.88	20
A0605645		8.58	0.138	3.3	8.23	37	330	1.4	18	0.18	<0.5	25	12	1220	4.27	10
A0605646		9.14	0.141	3.1	8.71	27	200	1.5	11	0.33	1.8	28	11	1280	4.84	20
A0605647		8.82	0.094	1.8	8.00	25	210	1.5	4	0.25	3.2	22	11	750	4.34	10
A0605648		2.57	0.155	2.4	8.04	81	70	1.8	10	0.29	0.7	47	14	975	6.81	10
A0605650		4.43	0.153	2.1	8.05	82	280	1.5	6	0.28	0.8	30	12	1170	3.89	20
A0605651		9.22	0.158	2.8	7.90	89	70	1.6	9	0.27	0.8	32	15	1740	6.42	20
A0605652		9.47	0.105	1.4	7.95	9	490	1.8	2	0.42	<0.5	23	12	938	3.88	10
A0605653		10.33	0.131	1.2	7.79	10	370	1.4	5	0.80	0.5	21	15	1080	4.28	20
A0605654		9.27	0.164	1.2	8.07	15	710	1.5	3	0.81	0.8	28	13	1040	3.88	20
A0605655		13.80	0.171	2.0	8.05	10	330	1.6	8	0.39	0.8	24	15	1880	4.74	20
A0605656		0.10	0.831	18.2	8.28	2570	770	0.8	18	8.25	1.0	70	34	4270	4.87	10
A0605657		12.25	0.157	1.8	8.52	7	340	1.8	5	0.44	0.7	25	13	1840	4.57	10
A0605658		8.42	0.180	1.4	8.35	6	730	1.5	3	0.50	<0.5	22	14	1380	3.97	20
A0605659		8.84	0.202	1.8	8.10	9	750	1.5	3	0.50	<0.5	25	13	1880	3.74	20
A0605660		10.31	0.145	1.8	7.84	14	330	1.5	5	0.42	<0.5	25	17	1320	4.50	10
A0605661		5.37	0.183	1.9	7.93	45	320	1.3	<2	0.37	<0.5	34	18	1100	4.82	20
A0605662		5.28	0.177	1.9	7.58	48	210	1.2	3	0.35	0.8	27	17	1180	4.47	20
A0605663		9.98	0.116	2.0	8.13	10	240	1.5	4	0.48	0.5	28	15	1170	5.09	20
A0605664		9.40	0.117	1.4	8.85	17	780	1.8	12	1.17	0.8	20	33	640	5.28	20
A0605665		9.17	0.120	2.3	8.34	12	310	1.7	8	0.40	1.4	19	14	1400	4.87	20
A0605666		9.96	0.185	1.8	8.20	28	100	1.5	8	0.22	<0.5	25	17	1140	6.70	10
A0605667		0.34	<0.005	<0.5	0.11	<5	30	<0.5	<2	35.0	<0.5	<1	1	6	0.11	<10
A0605668		8.48	0.211	3.3	8.08	39	150	1.5	11	0.28	0.5	20	14	3040	5.73	10
A0605669		4.27	0.208	2.2	8.10	9	400	1.8	44	0.59	<0.5	23	18	1700	4.86	20
A0605671		8.16	0.203	3.1	8.03	11	780	1.5	8	0.40	0.7	18	15	2010	3.72	20
A0605672		9.13	0.189	1.9	8.01	5	1350	1.7	3	0.74	<0.5	19	18	1810	4.05	20
A0605673		8.85	0.218	3.1	7.87	41	400	1.8	8	0.23	0.7	20	15	2420	4.28	20
A0605674		8.75	0.248	4.7	8.98	50	180	1.3	13	0.28	1.1	23	18	2880	4.78	10
A0605675		9.58	0.170	2.8	8.13	20	220	1.5	10	0.49	0.8	22	14	1320	5.43	20
A0605676		9.95	0.120	1.9	7.97	22	210	1.4	14	0.15	<0.5	18	15	637	6.04	20
A0605677		0.10	0.837	14.8	5.83	2380	720	0.7	15	5.88	1.0	85	33	3810	4.53	10
A0605678		9.88	0.181	2.7	8.18	25	220	1.4	9	0.15	1.1	31	18	1740	5.58	20
A0605679		9.01	0.235	3.8	8.00	58	280	1.1	18	0.14	1.5	37	17	1810	5.83	20
A0605680		10.81	0.209	2.8	7.85	33	390	1.0	11	0.12	0.9	23	18	1720	4.97	20
A0605681		8.86	0.189	4.2	7.82	40	240	1.1	28	0.12	0.7	23	18	1735	5.83	20
A0605682		5.42	0.184	2.9	7.84	17	240	1.5	7	0.54	<0.5	17	17	1350	6.02	20

\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*



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 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
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Project: Casino

**CERTIFICATE OF ANALYSIS WH19166537**

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
	Analyte	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Tl
Units		%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
LOD		0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
A0605641		2.90	20	0.57	82	41	0.13	7	930	2	1.18	8	15	410	20	0.17
A0605642		3.02	30	0.56	83	417	0.10	7	730	55	2.80	14	15	384	30	0.18
A0605643		0.05	10	2.89	102	3	0.03	2	80	5	0.01	<5	<1	85	<20	0.01
A0605644		3.14	20	0.80	118	151	0.08	8	730	<2	2.09	24	15	422	20	0.19
A0605645		3.39	20	0.55	87	451	0.10	7	680	9	3.54	8	14	288	<20	0.20
A0605646		3.43	20	0.85	212	23	0.29	7	830	3	3.58	7	18	98	<20	0.27
A0605647		3.45	20	0.82	158	145	0.42	3	580	<2	3.71	8	12	85	<20	0.21
A0605648		3.32	20	0.88	239	81	0.19	7	800	3	5.79	17	14	83	<20	0.21
A0605650		3.52	30	0.72	183	138	0.22	4	590	8	3.36	14	13	88	20	0.21
A0605651		3.40	30	0.53	347	58	0.24	9	810	13	5.85	11	12	138	<20	0.19
A0605652		3.40	20	0.83	380	45	0.78	4	850	4	2.88	<5	14	152	20	0.23
A0605653		3.34	30	0.89	407	156	1.00	4	570	4	2.78	8	13	198	<20	0.23
A0605654		3.25	30	1.00	383	79	1.12	6	820	8	2.49	<5	13	213	20	0.23
A0605655		3.30	30	1.02	417	308	0.68	5	590	8	3.21	5	13	148	20	0.22
A0605656		1.73	20	0.80	1480	345	1.71	27	690	25	0.73	48	6	502	<20	0.15
A0605657		3.45	30	1.02	383	123	0.58	8	660	4	3.22	11	14	183	20	0.23
A0605658		3.01	40	0.79	489	285	0.77	8	870	4	1.90	<5	14	243	20	0.22
A0605659		3.40	40	1.02	395	572	0.73	8	840	5	2.27	<5	14	158	<20	0.21
A0605660		3.18	30	0.85	381	312	0.48	7	570	3	3.21	<5	12	92	<20	0.20
A0605661		3.82	30	0.80	288	4290	0.33	5	510	3	4.12	7	13	80	<20	0.21
A0605662		3.37	30	0.78	272	8870	0.38	5	450	3	4.01	8	12	70	<20	0.20
A0605663		3.45	20	1.05	334	49	0.51	4	610	3	4.18	<5	14	102	<20	0.23
A0605664		3.32	40	1.45	807	118	0.80	20	1080	7	2.85	10	13	285	<20	0.28
A0605665		3.28	30	1.18	500	408	0.37	5	870	8	3.38	8	14	118	<20	0.22
A0605666		3.41	20	0.98	385	110	0.31	8	670	4	5.51	5	14	124	<20	0.22
A0605667		0.03	10	1.42	88	1	0.03	2	80	<2	0.02	<5	<1	93	<20	0.01
A0605668		3.28	30	0.83	322	149	0.28	8	940	4	4.81	9	12	338	<20	0.21
A0605669		3.30	40	0.88	512	428	0.31	8	840	8	3.02	13	13	128	20	0.24
A0605671		3.80	30	0.80	318	981	0.10	5	540	2	2.88	8	13	43	<20	0.22
A0605672		3.29	40	1.09	587	288	1.07	4	820	3	1.81	7	13	207	20	0.23
A0605673		3.21	40	0.78	311	1025	0.18	8	580	2	3.10	<5	15	92	<20	0.22
A0605674		3.09	40	0.54	214	5150	0.13	5	470	8	4.39	<5	13	80	<20	0.19
A0605675		3.88	40	1.07	418	378	0.25	5	580	5	4.47	8	13	58	20	0.23
A0605676		3.79	30	1.05	370	548	0.07	7	580	13	4.99	5	13	30	<20	0.22
A0605677		1.88	20	0.74	1340	318	1.59	28	840	28	0.88	38	8	485	<20	0.14
A0605678		3.81	20	1.07	248	195	0.07	5	850	<2	4.95	9	14	118	<20	0.24
A0605679		3.92	30	0.73	190	441	0.08	18	790	17	5.12	<5	15	228	<20	0.24
A0605680		3.91	50	0.77	180	158	0.08	8	820	7	4.27	6	14	122	20	0.23
A0605681		3.89	40	0.87	245	298	0.07	7	550	13	4.88	<5	12	78	<20	0.21
A0605682		3.54	50	1.42	578	107	0.11	7	800	8	4.78	8	13	28	<20	0.23

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
 www.alsglobal.com/geochemistry

To: CASINO MINING CORP C/O WESTERN COPPER  
 & GOLD CORP  
 15TH FLOOR, 1040 WEST GEORGIA ST.  
 VANCOUVER BC V6E 4H1

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Project: Casino

**CERTIFICATE OF ANALYSIS WH19166537**

Sample Description	Method Analyte Units LOD	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Ag-OC62	Cu-OC62	Mo-OC62
		Ti ppm 10	U ppm 10	V ppm 1	W ppm 10	Zn ppm 2	Ag ppm 1	Cu % 0.001	Mo % 0.001
A0605641		<10	<10	93	20	88			
A0605642		<10	<10	98	20	72		0.228	0.045
A0605643		<10	<10	2	<10	5			
A0605644		<10	<10	90	20	88		0.279	
A0605645		<10	<10	84	30	60		0.125	0.047
A0605646		<10	<10	117	20	122		0.127	
A0605647		10	<10	87	20	185			
A0605648		<10	<10	97	30	109			
A0605650		<10	<10	98	30	103		0.121	
A0605651		<10	10	83	20	119		0.178	
A0605652		10	<10	103	20	111			
A0605653		<10	<10	96	20	94		0.109	
A0605654		<10	<10	96	30	93		0.109	
A0605655		<10	<10	95	30	98		0.174	0.034
A0605656		<10	<10	81	<10	114	15	0.398	0.034
A0605657		<10	10	105	30	110		0.175	
A0605658		<10	10	99	40	110		0.141	0.031
A0605659		<10	<10	105	60	76		0.174	0.062
A0605660		<10	<10	94	40	75		0.138	0.032
A0605661		<10	<10	89	50	49		0.113	0.467
A0605662		<10	<10	94	50	50		0.126	0.950
A0605663		<10	<10	109	30	89		0.117	
A0605664		<10	<10	101	20	171			
A0605665		<10	10	100	20	156		0.140	0.041
A0605666		10	10	101	30	96		0.112	
A0605667		<10	<10	1	<10	3			
A0605668		<10	10	92	30	75		0.301	
A0605669		<10	10	94	40	89		0.169	0.045
A0605671		<10	10	90	40	85		0.208	0.099
A0605672		<10	10	99	20	91		0.161	0.028
A0605673		<10	10	99	40	88		0.253	0.108
A0605674		<10	10	84	40	43		0.281	0.548
A0605675		<10	<10	95	30	75		0.131	0.039
A0605676		<10	10	95	60	84			0.080
A0605677		<10	<10	58	<10	106	15	0.394	0.034
A0605678		<10	10	101	40	88		0.178	
A0605679		<10	20	108	50	78		0.178	0.043
A0605680		<10	10	98	70	46		0.175	
A0605681		<10	20	91	70	68		0.172	0.029
A0605682		<10	<10	101	30	91		0.135	

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 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
 www.alsglobal.com/geochemistry

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Project: Casino

**CERTIFICATE OF ANALYSIS WH19166537**

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	Au-AA23 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
		0.02	0.005	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
A0605683		12.05	0.218	3.1	7.82	23	440	1.8	8	0.73	0.8	20	18	1825	4.77	20
A0605684		9.36	0.147	1.9	7.68	17	660	1.4	7	0.97	<0.5	17	14	1475	3.78	20
A0605685		0.27	<0.005	<0.5	0.08	<5	30	<0.5	3	33.7	<0.5	<1	2	8	0.15	<10
A0605686		8.78	0.244	6.5	7.53	46	370	1.4	71	0.45	<0.5	15	13	1675	4.78	20
A0605687		10.08	0.251	3.0	7.37	22	400	1.4	14	0.35	0.9	23	18	2880	4.68	20
A0605688		8.82	0.180	2.7	7.80	14	370	1.3	11	0.52	<0.5	25	14	1880	4.22	20
A0605689		8.08	0.195	3.0	7.98	13	580	1.2	5	0.84	<0.5	18	14	1946	4.33	20
A0605690		5.55	0.183	1.7	7.40	12	1120	1.3	2	1.02	<0.5	15	12	1235	3.84	10
A0605692		15.56	0.184	3.9	7.19	52	880	1.3	38	0.88	1.1	12	15	823	7.32	20
A0605693		10.35	0.255	4.7	7.03	49	190	1.2	33	0.28	<0.5	16	14	957	8.98	20
A0613136		5.49	0.013	0.5	10.55	32	2430	1.1	<2	0.84	<0.5	2	8	188	3.88	20
A0613137		5.65	0.087	5.5	10.70	220	2640	1.1	12	0.30	<0.5	<1	5	190	3.78	20
A0613138		4.95	0.018	<0.5	11.25	7	2720	1.3	2	0.62	<0.5	1	5	187	3.51	20
A0613139		5.54	0.047	<0.5	10.80	18	2520	1.3	<2	0.74	<0.5	5	4	326	3.74	20
A0613140		3.46	0.032	<0.5	10.85	7	2840	1.3	<2	1.00	<0.5	8	6	287	4.08	20
A0613141		8.04	0.029	<0.5	9.88	<5	2010	1.3	<2	1.24	<0.5	8	5	427	3.23	20
A0613142		0.10	0.416	15.0	8.88	534	710	0.7	13	5.66	<0.5	28	31	1840	4.92	20

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ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H DA7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
 www.alsglobal.com/geochemistry

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**CERTIFICATE OF ANALYSIS WH19166537**

Sample Description	Method Analyte Units LOD	ME-ICP61 K % 0.01	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Tl % 0.01
A0605683		3.30	40	1.15	534	283	0.44	7	600	9	3.19	<5	13	70	20	0.22
A0605684		3.54	40	1.22	454	208	0.45	8	540	11	2.42	11	13	101	<20	0.23
A0605685		0.02	10	1.16	209	1	0.02	1	80	<2	0.02	<5	<1	90	<20	0.01
A0605686		3.57	40	0.84	238	270	0.08	7	570	20	4.25	10	13	22	<20	0.24
A0605687		3.17	40	0.57	291	520	0.07	11	830	13	3.64	<5	14	41	20	0.23
A0605688		3.73	40	0.94	438	307	0.21	7	850	8	2.81	7	14	177	20	0.25
A0605689		3.65	50	0.76	531	721	0.09	5	570	9	2.80	14	12	65	<20	0.22
A0605690		3.47	30	1.24	404	54	0.53	4	570	10	1.82	5	13	167	<20	0.23
A0605692		3.58	20	0.83	384	55	0.18	3	540	20	7.15	9	12	78	<20	0.21
A0605693		3.55	20	0.52	135	73	0.05	4	470	18	>10.0	11	11	35	<20	0.18
A0613136		2.95	10	0.34	47	2	0.99	4	510	14	0.42	18	9	290	<20	0.11
A0613137		3.97	10	0.34	31	1	0.84	2	470	88	0.40	172	10	195	<20	0.09
A0613138		3.26	10	0.34	136	1	1.31	3	390	24	0.34	10	10	308	<20	0.10
A0613139		3.16	10	0.35	52	3	1.11	4	450	13	0.68	7	10	300	<20	0.11
A0613140		3.29	10	0.41	131	4	1.17	1	380	10	0.59	10	11	313	<20	0.12
A0613141		2.77	10	0.41	51	13	1.48	4	400	12	2.00	5	8	392	<20	0.11
A0613142		1.67	20	1.10	1420	170	1.82	22	650	30	0.37	45	10	431	<20	0.21

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 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
 www.alsglobal.com/geochemistry

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**CERTIFICATE OF ANALYSIS WH19166537**

Sample Description	Method Analyte Units LOD	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Ag-OC62	Cu-OC62	Mo-OC62
		Tl ppm 10	U ppm 10	V ppm 1	W ppm 10	Zn ppm 2	Ag ppm 1	Cu % 0.001	Mo % 0.001
A0605683		<10	<10	98	30	120		0.192	0.028
A0605684		<10	10	95	30	84		0.150	
A0605685		<10	<10	2	<10	4			
A0605686		<10	10	103	50	52		0.175	0.028
A0605687		<10	<10	112	40	71		0.278	0.055
A0605688		<10	10	108	40	84		0.183	0.030
A0605689		<10	<10	96	70	48		0.198	0.072
A0605690		<10	<10	95	20	83		0.124	
A0605692		<10	<10	88	20	104			
A0605693		<10	<10	82	20	43			
A0613136		<10	<10	44	10	24			
A0613137		<10	<10	90	10	18			
A0613138		<10	<10	48	10	25			
A0613139		<10	<10	47	10	41			
A0613140		<10	<10	53	10	36			
A0613141		<10	<10	40	10	32			
A0613142		<10	<10	89	10	100	15	0.185	

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**CERTIFICATE OF ANALYSIS WH19166537**

CERTIFICATE COMMENTS									
	<b>LABORATORY ADDRESSES</b>								
<b>Applies to Method:</b>	<p>Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.</p> <table border="0"> <tr> <td>CRU-31</td> <td>CRU-QC</td> <td>LOG-21</td> <td>LOG-23</td> </tr> <tr> <td>PUL-31</td> <td>PUL-QC</td> <td>SPL-21</td> <td>WEI-21</td> </tr> </table>	CRU-31	CRU-QC	LOG-21	LOG-23	PUL-31	PUL-QC	SPL-21	WEI-21
CRU-31	CRU-QC	LOG-21	LOG-23						
PUL-31	PUL-QC	SPL-21	WEI-21						
<b>Applies to Method:</b>	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <table border="0"> <tr> <td>Ag-OG62</td> <td>Au-AA23</td> <td>Cu-OG62</td> <td>ME-ICP61</td> </tr> <tr> <td>ME-OG62</td> <td>Mo-OG62</td> <td></td> <td></td> </tr> </table>	Ag-OG62	Au-AA23	Cu-OG62	ME-ICP61	ME-OG62	Mo-OG62		
Ag-OG62	Au-AA23	Cu-OG62	ME-ICP61						
ME-OG62	Mo-OG62								

**Project:** CASINO

**Hole:** DH 19-31

<b>Prospect:</b>		<b>Survey Type:</b>	TSGPS	<b>Logged By:</b>	A.Sadursky	<b>Hole Type:</b>	DD
<b>UTM Grid</b>	NAD83_Z7	<b>Survey By:</b>	CAP Engineering	<b>Date Started:</b>		<b>Hole Diameter:</b>	
<b>UTM East:</b>	610963.243	<b>Azimuth:</b>	0	<b>Date Completed:</b>		<b>Core Size:</b>	NTW
<b>UTM North:</b>	6959092.763	<b>Dip:</b>	-90	<b>Drill Company:</b>	Kluane	<b>Casing Pulled?:</b>	<input type="checkbox"/>
<b>UTM Elevation (m)</b>	1235.532	<b>Length (m):</b>	300.23	<b>Drill Rig:</b>		<b>Casing Depth (m)</b>	
<b>Local Grid:</b>		<b>Comments:</b>	Final Survey Coordinates by CAP Engineering				
<b>Local East:</b>				<b>Drill Started:</b>			
<b>Local North:</b>				<b>Drill Completed:</b>			
<b>Topo Elevation (m)</b>							

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
50	DeviShot		7/28/2019	-88.62	231.41	19.1	250.51	56679	<input checked="" type="checkbox"/>	
100	DeviShot		7/28/2019	-89.24	258.75	19.1	277.85	56396	<input checked="" type="checkbox"/>	
150	DeviShot		7/28/2019	-89.43	237.72	19.1	256.82	56478	<input checked="" type="checkbox"/>	
200	DeviShot		7/28/2019	-89.56	219.3	19.1	238.4	56244	<input checked="" type="checkbox"/>	
250	DeviShot		7/28/2019	-89.21	199.07	19.1	218.17	56530	<input checked="" type="checkbox"/>	
300	DeviShot		7/28/2019	-87.9	169.44	19.1	188.54	57154	<input checked="" type="checkbox"/>	

Depth (m)	Rock Type	ARG	PHY	POT	PRO	cpy	PY	mal	lim	Mag	From (m)	To (m)	Length	Sample #	Au Best	Ag Best	Cu Best	Mo Best	Pb Best	
		Alt	Alt	Alt	Alt	Min	Min	Min	Min	Sus					ppm	ppm	pct	ppm	pct	
0.00																				
3.00	OV8										3.05	6.10	3.05	A0617560	0.031	1.2	0.0074	2	0.003	



Hole: DH 19-31

Depth (m)	Rock Type	ARG	PHY	POT	PRO	cpy	PY	mal	lim	Mag	From (m)	To (m)	Length	Sample #	Au Best	Ag Best	Cu Best	Mo Best	Pb Best	
		Alt	Alt	Alt	Alt	Min	Min	Min	Min	Sus					ppm	ppm	pct	ppm	pct	
		0	70	70	70	100	100	100	100	100										
6.00											6.10	9.14	3.04	A0617561	0.02	1	0.0069	1	0.0022	
9.00											9.14	12.19	3.05	A0617562	0.029	0.9	0.0096	2	0.0027	
12.00											12.19	15.24	3.05	A0617564	0.084	0.7	0.0295	28	0.0022	
15.00											15.24	18.29	3.05	A0617565	0.177	1.3	0.0471	61	0.0019	
18.00	WRGD										18.29	21.00	2.71	A0617566	0.219	1.2	0.0567	58	0.0014	
21.00											21.00	24.00	3.00	A0617567	0.2	7.9	0.0593	43	0.0226	
24.00											24.00	27.00	3.00	A0617569	0.144	2	0.123	48	0.0435	
27.00											27.00	30.00	3.00	A0617570	0.172	0.9	0.129	58	0.0014	
30.00											30.00	33.00	3.00	A0617571	0.182	5	0.168	50	0.0194	
33.00											33.00	35.05	2.05	A0617572	0.143	1.1	0.14	50	0.0016	
36.00											35.05	38.10	3.05	A0617573	0.109	4	0.125	54	0.0311	
39.00											38.10	40.10	2.00	A0617575	0.184	15	0.158	42	0.387	
42.00											40.10	42.98	2.88	A0617576	0.096	1.6	0.077	39	0.0046	
45.00											42.98	46.00	3.02	A0617577	0.104	0.9	0.099	24	0.002	
48.00											46.00	48.00	2.00	A0617578	0.166	7.6	0.102	40	0.175	
51.00											48.00	51.00	3.00	A0617579	0.168	7.1	0.157	81	0.0337	
54.00											51.00	53.00	2.00	A0617580	0.356	18	0.206	68	0.0511	
57.00											53.00	55.00	2.00	A0617581	0.329	7.7	0.133	39	0.112	
60.00											55.00	57.91	2.91	A0617583	0.13	2.5	0.153	34	0.01	
											57.91	60.96	3.05	A0617584	0.256	1.1	0.185	72	0.0022	





Hole: DH 19-31

Depth (m)	Rock Type	ARG	PHY	POT	PRO	cpy	PY	mal	llm	Mag	From (m)	To (m)	Length	Sample #	Au Best	Ag Best	Cu Best	Mo Best	Pb Best		
		Alt	Alt	Alt	Alt	Min	Min	Min	Min	Sus					ppm	ppm	pct	ppm	pct		
		0	70	70	70	70	100	100	100	100											
108.00	[Blue Bar]										109.73	112.78	3.05	A0617604	0.197	0.8	0.16	145	0.0009		
111.00											112.78	115.82	3.04	A0617606	0.169	0.8	0.157	65	0.001		
114.00																					
117.00												115.82	118.87	3.05	A0617607	0.153	0.8	0.142	91	0.001	
120.00												118.87	121.92	3.05	A0617608	0.109	0.6	0.126	51	0.001	
123.00												121.92	124.97	3.05	A0617609	0.084	0.9	0.135	96	0.0019	
126.00												124.97	128.02	3.05	A0617610	0.112	3.7	0.124	62	0.0153	
129.00												128.02	131.06	3.04	A0617611	0.096	1.9	0.129	139	0.0044	
132.00												131.06	134.11	3.05	A0617612	0.097	2.2	0.095	121	0.0035	
135.00												134.11	137.16	3.05	A0617613	0.126	1.6	0.0841	60	0.0022	
138.00												137.16	140.21	3.05	A0617615	0.145	0.8	0.139	203	0.0018	
141.00												140.21	143.26	3.05	A0617616	0.237	1.3	0.214	179	0.0022	
144.00												143.26	145.25	1.99	A0617618	0.123	1.9	0.155	380	0.0021	
147.00												145.25	147.25	2.00	A0617619	0.454	1.5	0.26	320	0.0022	
150.00												147.25	149.35	2.10	A0617620	0.121	0.6	0.085	72	0.0011	
153.00												149.35	152.40	3.05	A0617621	0.107	0.6	0.102	73	0.0019	
												152.40	154.40	2.00	A0617622	0.088	0.5	0.0904	42	0.0013	



Hole: **DH 19-31**

Depth (m)	Rock Type	ARG	PHY	POT	PRO	cpy	PY	mal	llm	Mag	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best pct	Mo Best ppm	Pb Best pct				
		Alt	Alt	Alt	Alt	Min	Min	Min	Min	Sus													
		0	70	70	70	70	100	100	100	100													
156.00	[Blue Bar]										154.40	156.40	2.00	A0617624	0.197	0.8	0.18	104	0.0016				
												156.40	158.50	2.10	A0617625	0.144	0.8	0.138	104	0.0008			
												158.50	161.54	3.04	A0617626	0.18	1.4	0.218	68	0.0017			
159.00																							
162.00																							
165.00																							
168.00																							
171.00																							
174.00																							
177.00																							
180.00																							
183.00																							
186.00																							
189.00																							
192.00																							
195.00																							
198.00																							





Hole: DH 19-31

Depth (m)	Rock Type	ARG Alt	PHY Alt	POT Alt	PRO Alt	cpy Min	PY Min	mal Min	llm Min	Mag Sus	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best pct	Mo Best ppm	Pb Best pct	
		0	7 0	7 0	7 0	7 0	10 0	10 0	10 0	10 0	100									
201.00											199.03	202.08	3.05	A0617644	0.137	0.9	0.122	24	0.002	
204.00											202.08	205.00	2.92	A0617645	0.121	0.6	0.0857	32	0.0015	
207.00											205.00	207.90	2.90	A0617646	0.204	11	0.231	42	0.0075	
210.00											207.90	211.03	3.13	A0617647	0.193	3.5	0.121	66	0.0092	
213.00											211.03	214.00	2.97	A0617648	0.246	3.8	0.168	163	0.0063	
216.00											214.00	217.00	3.00	A0617650	0.077	0.6	0.0508	110	0.0022	
219.00											217.00	220.00	3.00	A0617651	0.073	1	0.0534	26	0.001	
222.00											220.00	223.00	3.00	A0617652	0.096	1.8	0.0678	23	0.0183	
225.00											223.00	226.00	3.00	A0617653	0.274	0.8	0.0662	49	0.0013	
228.00											226.00	229.00	3.00	A0617655	0.123	2.2	0.086	51	0.0133	
231.00											229.00	232.00	3.00	A0617656	0.102	1.8	0.0695	340	0.0134	
234.00											232.00	235.00	3.00	A0617657	0.084	1	0.0873	91	0.0018	
237.00											235.00	238.00	3.00	A0617658	0.062	1.1	0.0503	46	0.0198	
240.00											238.00	240.98	2.98	A0617659	0.103	1.9	0.0799	72	0.012	
243.00	IX										240.98	243.27	2.29	A0617660	0.104	1.6	0.0612	72	0.0019	
246.00											243.27	246.28	3.01	A0617661	0.123	2	0.0422	57	0.0052	



Hole: DH 19-31

Depth (m)	Rock Type	ARG	PHY	POT	PRO	cpy	PY	mal	lim	Mag	From (m)	To (m)	Length	Sample #	Au Best	Ag Best	Cu Best	Mo Best	Pb Best		
		Alt	Alt	Alt	Alt	Min	Min	Min	Min	Sus					ppm	ppm	pct	ppm	pct		
		0	70	70	70	70	100	100	100	100											
249.00	WRGD										246.28	249.00	2.72	A0617662	0.216	2.6	0.0529	45	0.0046		
												249.00	251.33	2.33	A0617663	0.19	2	0.0344	50	0.0023	
												251.33	254.00	2.67	A0617665	0.15	2.2	0.113	42	0.0031	
252.00												254.00	257.00	3.00	A0617666	0.09	0.7	0.0712	13	0.001	
255.00												257.00	260.00	3.00	A0617667	0.082	1.2	0.0687	52	0.0035	
258.00												260.00	263.00	3.00	A0617668	0.116	2.1	0.0936	64	0.0023	
261.00																					
264.00												263.00	266.00	3.00	A0617669	0.146	2.9	0.0797	45	0.0027	
267.00												266.00	269.00	3.00	A0617670	0.079	1.4	0.062	25	0.0015	
												269.00	272.00	3.00	A0617672	0.341	0.9	0.193	60	0.0012	
270.00												272.00	275.00	3.00	A0617673	0.216	1	0.196	60	0.0012	
273.00												275.00	278.00	3.00	A0617675	0.068	0.25	0.051	21	0.0004	
276.00												278.00	281.00	3.00	A0617676	0.104	0.6	0.106	10	0.0006	
279.00																					
282.00												281.00	284.00	3.00	A0617677	0.144	1.1	0.132	27	0.0009	
												284.00	287.00	3.00	A0617678	0.107	0.8	0.0859	19	0.0009	
285.00												287.00	290.00	3.00	A0617679	0.204	1.1	0.184	37	0.0007	
288.00												290.00	292.61	2.61	A0617680	0.068	0.6	0.0754	9	0.0011	
291.00												292.61	293.97	1.36	A0617681	0.067	0.8	0.0672	13	0.0038	
												293.97	295.66	1.69	A0617682	0.063	0.25	0.0693	17	0.0004	



Hole: DH 19-31

Depth (m)	Rock Type	ARG Alt	PHY Alt	POT Alt	PRO Alt	cpy Min	PY Min	mal Min	lim Min	Mag Sus	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best pct	Mo Best ppm	Pb Best pct	
294.00		0	70	70	70	70	100	100	100	100										
											295.66	298.70	3.04	A0617683	0.1	0.6	0.0722	8	0.0009	
297.00																				
											298.70	300.23	1.53	A0617685	0.07	0.25	0.0514	36	0.0008	
300.00																				

End of Hole @ 300.23



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
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**CERTIFICATE WH19208694**

Project: Casino

This report is for 60 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 21-AUG-2019.

The following have access to data associated with this certificate:

JACK MCCLINTOCK

HEATHER SEELEY

PAUL WEST-SELLS

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-23	Pulp Login - Rcvd with Barcode

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	
Ag-OG62	Ore Grade Ag - Four Acid	
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	
Mo-OG62	Ore Grade Mo - Four Acid	
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP61	33 element four acid ICP-AES	ICP-AES

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
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Project: Casino

**CERTIFICATE OF ANALYSIS WH19208694**

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 B ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10
A0606816		8.57	0.118	0.9	7.27	22	120	1.2	3	0.34	<0.5	11	13	248	5.79	20
A0606817		8.85	0.111	0.7	7.08	11	100	1.0	<2	0.35	<0.5	9	12	188	6.82	10
A0606818		0.47	0.005	0.5	0.09	<5	20	<0.5	<2	33.1	<0.5	<1	1	2	0.11	<10
A0606819		9.71	0.100	<0.5	7.32	5	170	1.1	<2	0.45	<0.5	9	13	216	4.77	20
A0606820		9.14	0.145	<0.5	6.90	9	130	0.9	<2	0.30	<0.5	8	13	95	5.02	10
A0606821		7.79	0.154	0.8	7.60	8	310	1.3	<2	0.70	<0.5	10	12	412	4.11	20
A0606822		10.00	0.103	0.5	7.47	5	90	1.0	<2	0.20	<0.5	10	14	101	6.88	10
A0606823		7.93	0.368	0.7	7.00	43	260	0.8	8	0.10	<0.5	14	13	264	11.35	10
A0606824		0.10	0.573	14.9	5.85	2340	730	0.8	14	5.81	0.7	68	33	3880	4.67	10
A0606825		6.95	0.327	1.5	6.02	24	190	0.7	4	0.08	<0.5	11	22	60	11.20	10
A0606826		9.25	0.182	0.8	6.99	17	90	0.8	<2	0.19	<0.5	11	19	93	6.98	20
A0606827		9.25	0.333	1.0	6.99	31	130	1.1	4	0.81	<0.5	10	14	402	7.70	20
A0606828		9.22	0.189	1.3	6.85	17	90	0.9	5	0.71	<0.5	8	15	291	6.25	10
A0606829		11.13	0.338	0.9	6.91	9	80	0.9	6	0.88	<0.5	10	13	284	6.90	20
A0606830		10.05	0.160	0.8	7.58	13	120	1.2	<2	0.86	1.5	9	20	527	4.95	20
A0606831		4.09	0.100	1.1	7.74	8	240	1.3	2	0.85	1.1	10	12	519	4.18	20
A0606833		8.94	0.078	1.1	7.58	8	130	1.2	<2	1.39	1.1	12	12	385	5.15	20
A0606834		10.28	0.117	<0.5	7.14	<5	100	1.2	2	1.32	<0.5	8	11	369	4.82	20
A0606835		9.42	0.082	<0.5	7.61	5	160	1.4	<2	1.22	<0.5	11	12	174	4.50	20
A0606836		9.56	0.102	<0.5	7.46	<5	130	1.5	2	1.17	<0.5	11	13	306	4.92	20
A0606837		9.79	0.136	<0.5	7.81	<5	140	1.4	<2	0.93	<0.5	11	11	378	4.84	20
A0606838		9.55	0.119	0.7	7.26	<5	200	1.1	3	0.87	<0.5	11	11	382	4.57	20
A0606839		0.25	<0.005	<0.5	0.09	<5	20	<0.5	<2	33.5	<0.5	<1	1	1	0.12	<10
A0606840		10.10	0.173	0.5	7.27	9	120	1.0	<2	0.89	1.2	13	14	182	7.19	20
A0606841		9.48	0.118	<0.5	7.24	<5	110	1.1	<2	0.49	<0.5	9	13	151	5.06	20
A0606842		8.95	0.188	<0.5	7.16	<5	100	1.1	3	0.73	<0.5	10	12	624	4.88	20
A0606843		9.04	0.189	0.6	7.84	<5	110	1.3	<2	1.02	<0.5	13	12	329	4.78	20
A0606844		10.24	0.171	0.8	7.48	7	110	1.4	3	0.98	0.8	11	12	358	4.82	20
A0606845		8.30	0.185	<0.5	7.75	<5	220	1.2	<2	0.61	<0.5	10	12	382	4.36	20
A0606846		9.10	0.097	<0.5	7.78	<5	160	1.0	<2	0.52	<0.5	10	13	258	4.92	20
A0606847		8.87	0.139	0.9	8.00	5	180	1.2	<2	0.61	0.8	10	12	404	4.45	20
A0606848		0.11	0.820	15.8	5.98	2380	750	0.8	13	6.08	0.7	70	34	3930	4.78	10
A0606849		9.75	0.054	<0.5	7.77	8	130	1.1	<2	0.16	<0.5	10	17	150	4.85	20
A0606850		8.98	0.071	<0.5	7.55	<5	90	0.9	2	0.15	<0.5	12	17	84	5.87	20
A0606851		8.61	0.087	<0.5	7.83	7	120	1.0	<2	0.15	<0.5	13	15	116	5.49	20
A0606852		8.85	0.080	<0.5	7.39	15	80	1.0	2	0.30	<0.5	10	15	81	5.85	20
A0606853		4.78	0.074	0.5	7.13	7	120	1.0	<2	0.39	<0.5	10	16	59	5.41	20
A0606854		Listed, NR														
A0606855		8.64	0.048	0.7	7.64	12	220	0.9	<2	0.57	0.8	10	21	63	4.85	20
A0617560		2.03	0.031	1.2	6.49	34	2850	1.2	<2	0.74	<0.5	2	13	74	2.83	20

\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*



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Project: Casino

**CERTIFICATE OF ANALYSIS WH19208694**

Sample Description	Method Analyte Units LOD	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
		K % 0.01	La ppm 10	Mg % 0.01	Mn ppm 5	Mo ppm 1	Na % 0.01	Ni ppm 1	P ppm 10	Pb ppm 2	S % 0.01	Sb ppm 5	Sc ppm 1	Sr ppm 1	Th ppm 20	Tl % 0.01
A0606816		3.11	20	0.40	225	1	0.13	3	800	18	6.04	<5	12	21	<20	0.14
A0606817		3.15	20	0.40	158	3	0.13	4	490	7	7.04	<5	10	21	<20	0.13
A0606818		0.03	<10	0.62	88	<1	0.01	<1	60	<2	0.02	<5	<1	85	<20	<0.01
A0606819		3.09	20	0.43	183	2	0.13	2	550	5	4.93	<5	11	26	20	0.14
A0606820		3.13	10	0.31	82	1	0.12	2	470	2	5.45	8	9	22	<20	0.12
A0606821		3.12	30	0.51	277	1	0.12	3	580	9	3.71	<5	11	22	20	0.14
A0606822		3.36	20	0.38	101	2	0.12	1	530	7	7.51	<5	11	35	<20	0.13
A0606823		3.11	20	0.29	20	4	0.09	3	550	8	>10.0	<5	10	31	<20	0.11
A0606824		1.80	10	0.73	1390	328	1.80	28	640	28	0.71	42	8	459	<20	0.14
A0606825		2.72	20	0.24	20	4	0.07	3	430	9	>10.0	7	8	33	<20	0.11
A0606826		3.13	20	0.38	76	2	0.10	5	570	8	7.71	<5	11	49	<20	0.12
A0606827		3.03	20	0.58	198	1	0.10	4	520	12	8.17	<5	11	42	<20	0.13
A0606828		3.14	20	0.53	133	2	0.11	2	520	8	6.66	5	11	36	<20	0.13
A0606829		3.09	20	0.62	258	9	0.11	5	480	8	7.27	<5	10	37	<20	0.12
A0606830		3.08	20	0.63	304	8	0.11	3	570	9	4.96	<5	12	37	<20	0.14
A0606831		3.22	20	0.63	298	1	0.11	2	600	17	4.04	5	12	37	20	0.17
A0606833		3.05	20	0.88	380	2	0.10	3	550	20	4.92	<5	12	36	<20	0.18
A0606834		3.02	20	0.96	153	1	0.09	5	570	6	4.64	<5	12	34	<20	0.17
A0606835		2.65	20	1.27	208	1	0.13	5	590	5	4.03	<5	14	39	<20	0.19
A0606836		2.45	20	1.18	210	15	0.16	5	620	4	4.45	<5	13	46	<20	0.19
A0606837		2.63	20	0.77	144	7	0.11	4	560	7	4.68	<5	12	38	<20	0.15
A0606838		2.98	20	0.51	313	1	0.11	3	580	14	4.88	<5	11	44	<20	0.15
A0606839		0.03	<10	1.31	94	<1	0.02	1	60	<2	0.02	<5	<1	82	<20	0.01
A0606840		3.11	20	0.52	253	1	0.10	5	480	27	7.79	<5	11	24	<20	0.16
A0606841		3.31	20	0.50	95	1	0.13	2	530	4	5.57	<5	12	19	<20	0.16
A0606842		3.03	20	0.66	128	1	0.10	2	520	11	5.20	<5	11	35	<20	0.14
A0606843		2.89	20	0.85	146	1	0.15	3	610	8	4.61	<5	13	36	<20	0.16
A0606844		2.67	20	1.02	329	1	0.53	3	570	15	4.52	<5	12	123	<20	0.21
A0606845		2.90	20	0.59	233	1	0.09	3	600	7	4.30	<5	13	34	<20	0.17
A0606846		3.12	20	0.54	193	1	0.10	4	600	11	5.11	<5	13	31	<20	0.16
A0606847		2.63	20	0.49	317	2	0.07	4	610	23	4.50	<5	13	27	<20	0.18
A0606848		1.82	10	0.75	1405	339	1.83	28	850	24	0.70	44	8	471	<20	0.14
A0606849		2.66	20	0.37	34	2	0.06	4	600	11	5.09	<5	12	28	<20	0.16
A0606850		3.18	20	0.39	24	3	0.09	3	600	11	6.55	<5	14	25	<20	0.19
A0606851		2.99	20	0.36	36	2	0.08	4	600	11	6.04	<5	13	25	<20	0.19
A0606852		2.96	20	0.40	298	1	0.09	4	560	12	8.15	<5	12	25	<20	0.16
A0606853		3.04	20	0.40	271	2	0.10	1	530	12	5.87	5	12	20	<20	0.17
A0606854																
A0606855		3.52	20	0.45	384	7	0.15	4	610	41	4.85	8	14	33	<20	0.22
A0617560		3.40	20	0.44	144	2	0.82	3	390	30	0.20	<5	10	191	<20	0.19

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
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**CERTIFICATE OF ANALYSIS WH19208694**

Sample Description	Method Analyte Units LOD	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Ag-OC62	Cu-OC62	Mo-OC62
		Tl ppm 10	U ppm 10	V ppm 1	W ppm 10	Zn ppm 2	Ag ppm 1	Cu % 0.001	Mo % 0.001
A0606816		<10	<10	95	20	49			
A0606817		<10	10	78	20	26			
A0606818		<10	<10	1	<10	<2			
A0606819		<10	<10	87	20	26			
A0606820		<10	10	74	20	15			
A0606821		<10	<10	89	10	41			
A0606822		<10	<10	88	30	22			
A0606823		<10	10	80	30	7			
A0606824		<10	<10	59	<10	107	15	0.391	0.035
A0606825		<10	<10	75	30	9			
A0606826		<10	10	87	20	26			
A0606827		<10	10	83	20	17			
A0606828		<10	<10	86	20	15			
A0606829		<10	<10	84	10	15			
A0606830		<10	<10	93	10	195			
A0606831		<10	<10	98	10	144			
A0606833		<10	<10	84	10	117			
A0606834		<10	<10	94	10	19			
A0606835		<10	<10	100	30	27			
A0606836		<10	<10	101	10	25			
A0606837		<10	<10	94	10	18			
A0606838		<10	<10	90	10	35			
A0606839		<10	<10	2	<10	2			
A0606840		<10	<10	88	20	91			
A0606841		<10	<10	91	20	10			
A0606842		<10	<10	88	20	18			
A0606843		<10	<10	99	20	21			
A0606844		<10	<10	98	10	105			
A0606845		<10	<10	98	10	21			
A0606846		<10	<10	99	20	21			
A0606847		<10	<10	101	10	83			
A0606848		<10	<10	80	<10	111	15	0.389	0.035
A0606849		<10	<10	97	10	23			
A0606850		<10	<10	104	30	18			
A0606851		<10	<10	100	20	28			
A0606852		<10	<10	97	20	28			
A0606853		<10	<10	92	20	48			
A0606854									
A0606855		<10	<10	101	20	75			
A0617560		<10	<10	81	10	32			

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
 www.alsglobal.com/geochemistry

To: CASINO MINING CORP C/O WESTERN COPPER  
 & GOLD CORP  
 15TH FLOOR, 1040 WEST GEORGIA ST.  
 VANCOUVER BC V6E 4H1

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Project: Casino

**CERTIFICATE OF ANALYSIS WH19208694**

Sample Description	Method Analyte Units LOD	WEI-21	Au-AA23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm
		0.02	0.005	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	0.01	10	
A0617561		1.77	0.020	1.0	8.28	24	2690	1.1	<2	0.62	<0.5	2	13	69	2.58	20
A0617562		5.17	0.029	0.9	8.50	36	2510	1.2	<2	0.81	0.8	4	17	96	2.60	20
A0617563		0.10	0.382	15.6	6.89	510	720	0.7	12	5.54	0.5	29	30	1825	4.91	20
A0617564		7.63	0.084	0.7	9.18	119	2840	1.3	<2	1.88	<0.5	4	15	295	2.04	20
A0617565		5.81	0.177	1.3	9.60	46	2740	1.3	<2	0.68	<0.5	4	6	471	1.89	20
A0617566		2.97	0.219	1.2	9.73	10	2680	1.5	<2	1.42	<0.5	4	6	567	1.16	20
A0617567		3.29	0.200	7.9	9.24	183	2440	1.3	8	1.74	<0.5	5	6	593	2.17	20
A0617569		7.87	0.144	2.0	7.31	20	2660	1.2	<2	4.42	3.9	8	6	1305	1.73	20
A0617570		8.66	0.172	0.9	8.01	11	2350	1.2	<2	3.96	<0.5	9	6	1285	1.37	20
A0617571		7.83	0.182	5.0	8.28	130	1730	1.3	<2	3.77	2.9	11	5	1735	1.89	20
A0617572		6.25	0.143	1.1	7.90	11	1880	1.2	<2	4.06	<0.5	10	8	1365	1.48	20
A0617573		8.57	0.109	4.0	7.73	60	2190	1.2	<2	4.24	4.2	9	8	1285	1.44	20
A0617574		0.42	0.005	<0.5	0.12	<5	30	<0.5	<2	30.8	<0.5	<1	1	8	0.12	<10
A0617575		8.85	0.184	15.3	8.45	394	580	1.2	3	3.51	86.3	8	6	1580	2.54	20
A0617576		7.95	0.096	1.6	7.25	35	2320	1.2	<2	4.42	0.5	9	7	770	1.49	20
A0617577		8.74	0.104	0.9	7.95	5	2250	1.3	3	4.72	<0.5	8	8	1030	1.71	20
A0617578		6.20	0.166	7.8	7.53	48	1970	1.2	<2	4.89	5.5	7	6	1070	1.82	20
A0617579		7.87	0.168	7.1	6.58	91	1740	1.1	2	5.03	4.6	7	8	1845	1.80	20
A0617580		8.87	0.356	19.5	7.60	878	210	1.1	7	4.09	10.1	9	7	2150	4.00	20
A0617581		5.98	0.328	7.7	8.43	315	410	1.2	2	3.13	17.6	9	5	1415	3.19	20

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*





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Project: Casino

**CERTIFICATE OF ANALYSIS WH19208694**

Sample Description	Method Analyte Units LOD	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
		K % 0.01	La ppm 10	Mg % 0.01	Mn ppm 5	Mo ppm 1	Na % 0.01	Ni ppm 1	P ppm 10	Pb ppm 2	S % 0.01	Sb ppm 5	Sc ppm 1	Sr ppm 1	Th ppm 20	Tl % 0.01
A0617561		3.45	20	0.40	137	1	0.96	3	350	22	0.22	<5	9	166	<20	0.17
A0617562		3.07	20	0.48	127	2	0.94	8	420	27	0.18	8	9	204	<20	0.18
A0617563		1.88	10	1.08	1395	188	1.78	24	840	28	0.36	38	10	429	<20	0.21
A0617564		2.90	10	0.49	149	28	1.60	4	420	22	0.10	<5	10	381	<20	0.20
A0617565		3.32	10	0.35	92	81	0.83	2	380	19	0.23	5	9	189	<20	0.14
A0617566		3.03	10	0.39	72	58	2.08	4	410	14	0.14	<5	9	382	<20	0.13
A0617567		3.13	10	0.43	128	43	1.14	3	410	228	0.73	17	11	308	<20	0.19
A0617569		2.68	10	0.32	408	48	1.15	5	480	435	1.01	<5	9	350	<20	0.21
A0617570		2.47	10	0.29	194	58	2.34	3	480	14	0.52	<5	10	501	<20	0.20
A0617571		3.54	10	0.43	855	50	0.95	2	480	194	1.81	32	10	201	<20	0.14
A0617572		3.28	10	0.33	495	50	1.29	3	450	18	1.21	<5	8	288	<20	0.15
A0617573		3.29	10	0.35	745	54	0.90	2	480	311	1.11	21	9	340	<20	0.18
A0617574		0.04	<10	1.81	81	<1	0.03	<1	80	<2	0.01	<5	<1	79	<20	0.01
A0617575		4.02	10	0.47	1300	42	0.28	2	470	3870	2.92	57	10	174	<20	0.18
A0617576		2.89	10	0.33	879	38	1.18	4	480	46	0.97	10	8	530	<20	0.17
A0617577		2.34	10	0.39	194	24	2.01	<1	520	20	1.13	<5	11	858	<20	0.21
A0617578		3.19	<10	0.35	1050	40	0.98	2	480	1750	1.53	87	9	883	<20	0.19
A0617579		2.56	10	0.38	1015	81	1.04	8	440	337	1.47	49	8	898	<20	0.18
A0617580		3.81	10	0.50	1920	88	0.25	4	400	511	4.42	89	10	321	<20	0.11
A0617581		4.02	10	0.43	1075	38	0.11	3	410	1120	3.49	32	10	92	<20	0.12

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**CERTIFICATE OF ANALYSIS WH19208694**

Sample Description	Method Analyte Units LOD	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Ag-OG62	Cu-OG62	Mo-OG62
		Ti ppm 10	U ppm 10	V ppm 1	W ppm 10	Zn ppm 2	Ag ppm 1	Cu % 0.001	Mo % 0.001
A0617561		<10	<10	53	10	26			
A0617562		<10	<10	80	10	36			
A0617563		<10	<10	90	10	98	16	0.160	
A0617564		<10	<10	60	<10	54			
A0617565		<10	<10	52	10	52			
A0617566		<10	<10	47	<10	85			
A0617567		<10	<10	58	10	128			
A0617569		<10	<10	58	10	347		0.123	
A0617570		<10	<10	58	10	41		0.128	
A0617571		<10	<10	52	<10	279		0.168	
A0617572		<10	<10	53	<10	37		0.140	
A0617573		<10	<10	57	<10	430		0.125	
A0617574		<10	<10	2	<10	3			
A0617575		<10	<10	54	<10	8050	15	0.158	
A0617576		<10	<10	53	<10	94			
A0617577		<10	<10	59	<10	28		0.089	
A0617578		<10	<10	58	<10	525		0.102	
A0617579		<10	<10	54	30	451		0.157	
A0617580		<10	<10	51	50	937	16	0.206	
A0617581		<10	<10	50	<10	1735		0.133	

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**CERTIFICATE OF ANALYSIS WH19208694**

**CERTIFICATE COMMENTS**

**LABORATORY ADDRESSES**

Applies to Method:

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31

CRU-QC

LOG-21

LOG-23

PUL-31

PUL-QC

SPL-21

WEI-21

Applies to Method:

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Ag-OG62

Au-AA23

Cu-OG62

ME-ICP61

ME-OG62

Mo-OG62



**Project:** CASINO

**Hole:** DH 19-36

<b>Prospect:</b>		<b>Survey Type:</b>	TSGPS	<b>Logged By:</b>	A.Sadursky	<b>Hole Type:</b>	DD
<b>UTM Grid</b>	NAD83_27	<b>Survey By:</b>	CAP Engineering	<b>Date Started:</b>		<b>Hole Diameter:</b>	
<b>UTM East:</b>	611064.067	<b>Azimuth:</b>	0	<b>Date Completed:</b>		<b>Core Size:</b>	NTW
<b>UTM North:</b>	6959014.135	<b>Dip:</b>	-90	<b>Drill Company:</b>	Kluane	<b>Casing Pulled?:</b>	<input type="checkbox"/>
<b>UTM Elevation (m)</b>	1221.602	<b>Length (m):</b>	300.23	<b>Drill Rig:</b>		<b>Casing Depth (m)</b>	
<b>Local Grid:</b>		<b>Comments:</b>	Final Survey Coordinates by CAP Engineering				
<b>Local East:</b>				<b>Drill Started:</b>			
<b>Local North:</b>				<b>Drill Completed:</b>			
<b>Topo Elevation (m)</b>							

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
50	DeviShot		7/31/2019	-89.97	275.82	19.1	294.92	56635	<input checked="" type="checkbox"/>	
100	DeviShot		7/31/2019	-87.02	276.49	19.1	295.59	56316	<input checked="" type="checkbox"/>	
150	DeviShot		7/31/2019	-87.19	277.23	19.1	296.33	56395	<input checked="" type="checkbox"/>	
200	DeviShot		7/31/2019	-87.16	274.63	19.1	293.73	56578	<input checked="" type="checkbox"/>	
250	DeviShot		7/31/2019	-87.03	274.12	19.1	293.22	56729	<input checked="" type="checkbox"/>	
300	DeviShot		7/31/2019	-86.4	271.02	19.1	290.12	56309	<input checked="" type="checkbox"/>	

Depth (m)	Rock Type	ARG	PHY	POT	PRO	cpy	PY	mal	lim	Mag	From (m)	To (m)	Length	Sample #	Au Best	Ag Best	Cu Best	Mo Best	Pb Best	
		Alt	Alt	Alt	Alt	Min	Min	Min	Min	Sus					ppm	ppm	pct	ppm	pct	
0.00																				
3.00	OVB										1.52	4.57	3.05	A0617746	0.037	0.7	0.0064	2	0.0036	



Hole: DH 19-36

Depth (m)	Rock Type	ARG	PHY	POT	PRO	cpy	PY	mal	llm	Mag	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best pct	Mo Best ppm	Pb Best pct
		Alt	Alt	Alt	Alt	Min	Min	Min	Min	Sus									
6.00		0	70	70	70	70	100	100	100	100	4.57	7.62	3.05	A0617747	0.025	0.8	0.0075	3	0.0043
9.00											7.62	10.67	3.05	A0617748	0.025	0.6	0.019	2	0.0039
12.00											10.67	13.72	3.05	A0617749	0.029	0.6	0.0126	3	0.0037
15.00											13.72	16.76	3.04	A0617750	0.052	0.5	0.0149	4	0.0043
18.00											16.76	19.81	3.05	A0617751	0.031	0.25	0.0142	4	0.0028
21.00											19.81	22.86	3.05	A0617752	0.041	0.5	0.0252	14	0.0027
24.00											22.86	26.00	3.14	A0617753	0.09	0.5	0.0316	32	0.0032
27.00											26.00	28.96	2.96	A0617755	0.059	0.5	0.0449	36	0.0027
30.00											28.96	32.00	3.04	A0617756	0.092	0.8	0.0548	38	0.003
33.00	WRGD										32.00	33.63	1.63	A0617758	0.118	2.2	0.077	57	0.0084
36.00											33.63	36.58	2.95	A0617759	0.135	0.25	0.167	65	0.002
39.00											36.58	38.31	1.73	A0617760	0.146	0.25	0.162	31	0.0015
42.00											38.31	41.00	2.69	A0617761	0.11	0.7	0.108	71	0.0016
45.00											41.00	44.00	3.00	A0617763	0.115	0.25	0.132	89	0.0014
48.00											44.00	47.00	3.00	A0617764	0.194	0.25	0.16	146	0.0018
											47.00	50.00	3.00	A0617765	0.189	0.5	0.156	55	0.0018
											50.00	53.00	3.00	A0617766	0.151	0.25	0.117	36	0.0017



Hole: DH 19-36

Depth (m)	Rock Type	ARG	PHY	POT	PRO	cpy	PY	mal	lim	Mag	From (m)	To (m)	Length	Sample #	Au Best	Ag Best	Cu Best	Mo Best	Pb Best	
		Alt	Alt	Alt	Alt	Min	Min	Min	Min	Sus					ppm	ppm	pct	ppm	pct	
		0	70	70	70	70	100	100	100	100										
51.00	[Blue Bar]																			
54.00											53.00	56.00	3.00	A0617767	0.249	0.8	0.203	50	0.0026	
											56.00	59.00	3.00	A0617768	0.181	0.6	0.149	108	0.0016	
57.00																				
											59.00	62.00	3.00	A0617770	0.161	0.6	0.118	57	0.0051	
60.00																				
											62.00	65.00	3.00	A0617771	0.34	0.25	0.141	135	0.0017	
63.00																				
											65.00	68.00	3.00	A0617772	0.209	0.25	0.11	53	0.0021	
66.00																				
											68.00	71.02	3.02	A0617774	0.131	0.25	0.116	41	0.0017	
69.00																				
72.00																				
											71.02	74.00	2.98	A0617775	0.118	0.7	0.083	27	0.0014	
75.00																				
											74.00	77.00	3.00	A0617776	0.157	3.2	0.142	40	0.0067	
78.00											77.00	80.00	3.00	A0617777	0.448	8.2	0.176	120	0.0164	
											80.00	83.00	3.00	A0617778	0.103	0.5	0.0854	62	0.0014	
81.00																				
											83.00	85.34	2.34	A0617779	0.193	0.9	0.17	77	0.0009	
84.00																				
										85.34	88.39	3.05	A0617780	0.177	1.6	0.133	62	0.0092		
87.00																				
										88.39	91.44	3.05	A0617781	0.31	1.1	0.216	164	0.0011		
90.00																				
										91.44	94.50	3.06	A0617782	0.116	0.7	0.0981	58	0.0019		
93.00																				
										94.50	97.46	2.96	A0617783	0.123	0.9	0.134	232	0.0022		
96.00										97.46	100.50	3.04	A0617785	0.105	0.5	0.0771	201	0.0014		



Hole: DH 19-36

Depth (m)	Rock Type	ARG	PHY	POT	PRO	cpy	PY	mal	lim	Mag	From (m)	To (m)	Length	Sample #	Au Best	Ag Best	Cu Best	Mo Best	Pb Best		
		Alt	Alt	Alt	Alt	Min	Min	Min	Min	Sus					ppm	ppm	pct	ppm	pct		
		0	70	70	70	100	100	100	100	100											
99.00	[Blue Bar]										100.50	103.00	2.50	A0617786	0.164	0.5	0.0959	173	0.0016		
102.00											103.00	106.00	3.00	A0617787	0.172	2.1	0.125	188	0.0017		
105.00											106.00	109.00	3.00	A0617788	0.226	0.6	0.146	141	0.0016		
108.00																					
111.00											109.00	112.00	3.00	A0617789	0.232	1	0.164	106	0.0019		
114.00											112.00	115.00	3.00	A0617791	0.339	1.3	0.28	121	0.001		
117.00											115.00	118.09	3.09	A0617792	0.555	1.6	0.342	300	0.0008		
120.00											118.09	121.00	2.91	A0617793	0.626	1.5	0.433	97	0.0008		
123.00											121.00	124.00	3.00	A0617794	0.635	1.7	0.494	174	0.0002		
126.00											124.00	127.00	3.00	A0617795	0.199	0.7	0.185	280	0.0006		
129.00											127.00	130.00	3.00	A0617797	0.233	0.8	0.157	107	0.0008		
132.00											130.00	133.00	3.00	A0617798	0.15	0.6	0.127	70	0.0013		
135.00											133.00	136.00	3.00	A0617799	0.141	3.5	0.147	129	0.0013		
138.00											136.00	138.88	2.88	A0617800	0.263	0.8	0.199	82	0.0009		
141.00											138.88	142.00	3.12	A0617801	0.21	0.8	0.165	156	0.0009		
144.00											142.00	145.00	3.00	A0617802	0.171	1.1	0.166	82	0.0009		
											145.00	148.00	3.00	A0617803	0.13	0.8	0.11	158	0.0029		



Hole: DH 19-36

Depth (m)	Rock Type	ARG	PHY	POT	PRO	cpy	PY	mal	llm	Mag	From (m)	To (m)	Length	Sample #	Au Best	Ag Best	Cu Best	Mo Best	Pb Best		
		Alt	Alt	Alt	Alt	Min	Min	Min	Min	Sus					ppm	ppm	pct	ppm	pct		
147.00	[Redacted]	0	70	70	70	70	100	100	100	100											
150.00											148.00	150.88	2.88	A0617804	0.198	0.9	0.156	87	0.0059		
153.00											150.88	153.92	3.04	A0617806	0.104	0.6	0.0939	103	0.0014		
156.00											153.92	156.97	3.05	A0617807	0.112	0.5	0.0851	64	0.0012		
159.00											156.97	160.02	3.05	A0617808	0.125	0.9	0.109	64	0.001		
162.00											160.02	163.07	3.05	A0617809	0.134	0.9	0.128	62	0.0015		
165.00											163.07	166.12	3.05	A0617811	0.069	0.5	0.0707	36	0.0014		
168.00											166.12	169.16	3.04	A0617812	0.116	0.9	0.099	67	0.0013		
171.00											169.16	172.21	3.05	A0617813	0.061	0.6	0.064	32	0.0027		
174.00											172.21	175.26	3.05	A0617814	0.072	0.5	0.0797	65	0.0007		
177.00											175.26	178.31	3.05	A0617815	0.059	0.25	0.0614	166	0.001		
180.00											178.31	181.36	3.05	A0617817	0.156	0.6	0.109	139	0.0007		
183.00											181.36	184.40	3.04	A0617818	0.13	0.9	0.127	124	0.0019		
186.00																					
189.00												184.40	187.45	3.05	A0617819	0.136	0.8	0.147	85	0.0027	
192.00												187.45	190.50	3.05	A0617820	0.052	0.6	0.0619	84	0.0027	
												190.50	193.50	3.00	A0617821	0.051	0.8	0.0778	76	0.0028	
												193.50	196.50	3.00	A0617823	0.036	1.4	0.0672	60	0.0038	





**Hole: DH 19-36**

Depth (m)	Rock Type	ARG Alt	PHY Alt	POT Alt	PRO Alt	cpy Min	PY Min	mal Min	lim Min	Mag Sus	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best pct	Mo Best ppm	Pb Best pct	
		0	70	70	70	100	100	100	100	100										
195.00	[Blue Bar]										196.50	199.50	3.00	A0617824	0.041	3.6	0.0578	179	0.0075	
198.00											199.50	202.50	3.00	A0617825	0.051	0.25	0.0763	184	0.003	
201.00																				
204.00												202.50	205.50	3.00	A0617826	0.063	0.8	0.088	124	0.0021
207.00												205.50	208.50	3.00	A0617827	0.098	0.6	0.111	243	0.0017
210.00												208.50	211.50	3.00	A0617828	0.132	27	0.118	76	0.251
213.00												211.50	214.50	3.00	A0617830	0.194	4.3	0.208	110	0.0034
216.00												214.50	217.50	3.00	A0617831	0.24	1.4	0.226	107	0.0014
219.00												217.50	220.50	3.00	A0617832	0.194	0.8	0.19	440	0.0013
222.00												220.50	223.50	3.00	A0617833	0.16	1	0.124	71	0.0012
225.00												223.50	226.50	3.00	A0617834	0.127	1	0.104	169	0.001
228.00												226.50	229.50	3.00	A0617836	0.155	0.25	0.112	89	0.0011
231.00												229.50	232.50	3.00	A0617837	0.147	0.25	0.111	93	0.0015
234.00												232.50	235.50	3.00	A0617838	0.174	1.7	0.143	77	0.0018
237.00												235.50	238.50	3.00	A0617839	0.229	1.1	0.164	79	0.0016
240.00												238.50	241.50	3.00	A0617840	0.147	0.9	0.13	104	0.0015



Hole: DH 19-36

Depth (m)	Rock Type	ARG	PHY	POT	PRO	cpy	PY	mal	lim	Mag	From (m)	To (m)	Length	Sample #	Au Best	Ag Best	Cu Best	Mo Best	Pb Best		
		Alt	Alt	Alt	Alt	Mln	Mln	Mln	Mln	Sus					ppm	ppm	pct	ppm	pct		
		0	70	70	70	100	100	100	100	100											
243.00	[Blue Bar]										241.50	244.50	3.00	A0617841	0.165	0.25	0.099	135	0.0012		
											244.50	247.50	3.00	A0617842	0.148	0.7	0.118	46	0.0013		
246.00											247.50	250.50	3.00	A0617844	0.142	1.2	0.122	40	0.0015		
249.00											250.50	253.50	3.00	A0617845	0.079	1.4	0.0988	46	0.0014		
252.00											253.50	256.50	3.00	A0617846	0.079	1	0.127	95	0.0013		
255.00											256.50	259.50	3.00	A0617847	0.057	1.1	0.102	113	0.0017		
258.00																					
261.00											259.50	262.50	3.00	A0617848	0.031	0.7	0.0433	106	0.0014		
264.00											262.50	265.50	3.00	A0617850	0.07	0.25	0.077	152	0.0012		
											265.50	268.50	3.00	A0617851	0.137	0.7	0.117	90	0.0008		
267.00											268.50	271.50	3.00	A0617852	0.094	0.7	0.108	227	0.0012		
270.00											271.50	274.50	3.00	A0617853	0.108	0.9	0.124	33	0.0009		
273.00											274.50	277.50	3.00	A0617854	0.096	0.7	0.116	430	0.0005		
276.00											277.50	280.50	3.00	A0617856	0.132	1.5	0.157	232	0.0004		
279.00											280.50	283.50	3.00	A0617857	0.131	1.5	0.131	81	0.0011		
282.00																					
285.00											283.50	286.50	3.00	A0617858	0.224	1.1	0.167	84	0.0001		
											286.50	289.50	3.00	A0617859	0.079	0.7	0.0908	55	0.0003		
288.00											289.50	292.50	3.00	A0617860	0.064	0.6	0.0679	111	0.0011		



Hole: DH 19-36

Depth (m)	Rock Type	ARG Alt	PHY Alt	POT Alt	PRO Alt	cpy Min	PY Min	mal Min	lim Min	Mag Sus	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best pct	Mo Best ppm	Pb Best pct	
291.00	[Redacted]	0	70	70	70	70	100	100	100	100	292.50	295.50	3.00	A0617861	0.276	2.1	0.132	42	0.0025	
294.00											295.50	298.41	2.91	A0617862	0.09	2.3	0.112	38	0.0017	
297.00																				
300.00												298.41	300.23	1.82	A0617863	0.055	1.9	0.061	15	0.0499

End of Hole @ 300.23



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 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
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 Account: WECOGO

**CERTIFICATE WH19230294**

Project: Casino

This report is for 44 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-SEP-2019.

The following have access to data associated with this certificate:

JACK MCCLINTOCK	HEATHER SEELEY	PAUL WEST-SELLS
-----------------	----------------	-----------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-23	Pulp Login - Rcvd with Barcode

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	
Ag-OG62	Ore Grade Ag - Four Acid	
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	
Mo-OG62	Ore Grade Mo - Four Acid	
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP61	33 element four acid ICP-AES	ICP-AES

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.  
 \*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:   
 Saa Traxler, General Manager, North Vancouver





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Project: Casino

**CERTIFICATE OF ANALYSIS WH19230294**

Sample Description	Method	WEI-21	Au-AA23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOD	0.02	0.005	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
A0617686		3.08	0.041	<0.5	7.89	21	2020	1.2	3	1.51	<0.5	3	10	68	3.75	20
A0617687		3.61	0.050	0.5	7.81	32	1820	1.1	<2	0.98	<0.5	4	9	103	4.08	20
A0617688		7.16	0.104	<0.5	7.48	44	1780	1.2	3	0.89	<0.5	3	11	188	4.90	20
A0617689		4.96	0.186	0.5	7.48	35	1880	1.2	4	0.40	<0.5	2	8	158	4.37	20
A0617690		8.46	0.138	0.6	7.68	37	2080	1.3	6	0.80	<0.5	5	10	187	4.34	20
A0617691		4.06	0.120	<0.5	7.07	32	1850	1.8	8	1.17	1.0	14	9	278	4.25	20
A0617693		8.13	0.228	1.2	7.80	80	140	1.4	8	0.08	<0.5	11	9	379	6.29	20
A0617694		8.85	0.243	0.8	7.92	88	190	1.7	9	0.11	0.9	14	10	585	5.81	20
A0617695		8.89	0.405	0.7	7.49	42	120	1.2	5	0.08	<0.5	12	11	620	6.17	20
A0617696		8.08	0.242	<0.5	7.73	40	120	1.4	6	0.10	<0.5	10	10	612	5.49	20
A0617697		6.80	0.746	3.7	7.21	172	80	1.3	13	0.14	<0.5	10	12	466	6.94	20
A0617698		0.58	<0.006	<0.5	0.08	<5	30	<0.5	<2	33.1	<0.5	<1	<1	5	0.08	<10
A0617699		8.98	0.253	0.8	6.85	122	110	1.3	5	0.13	<0.5	8	11	544	4.78	20
A0617700		6.71	0.339	<0.5	7.37	30	170	1.5	8	0.13	<0.5	4	12	379	4.78	20
A0617701		6.71	0.220	0.8	6.75	68	100	1.3	7	0.11	<0.5	3	12	214	5.40	20
A0617702		6.74	0.193	0.9	7.35	110	170	1.4	5	0.12	1.3	9	10	279	4.49	20
A0617703		10.82	0.203	1.2	6.79	142	100	1.2	6	0.11	<0.5	12	9	111	6.28	20
A0617704		0.10	0.645	14.8	5.72	2480	720	0.7	14	8.18	0.9	86	32	3970	4.67	10
A0617705		8.53	0.389	0.7	7.04	117	80	1.2	6	0.11	<0.5	8	12	381	7.81	20
A0617706		9.84	0.183	<0.5	7.22	49	150	1.2	3	0.13	<0.5	5	11	153	4.79	20
A0617707		9.15	0.083	<0.5	6.92	67	210	1.1	<2	0.13	<0.5	8	11	43	4.72	10
A0617708		10.06	0.065	<0.5	6.83	24	280	1.2	<2	0.13	<0.5	5	12	113	4.48	20
A0617746		9.85	0.037	0.7	6.30	60	2570	1.2	<2	1.68	<0.5	6	19	84	3.03	20
A0617747		10.55	0.025	0.8	6.49	64	2590	1.3	<2	1.50	<0.5	5	13	75	2.88	20
A0617748		10.15	0.025	0.6	6.67	55	2530	1.3	<2	1.37	<0.5	4	23	190	3.22	20
A0617749		12.38	0.029	0.6	6.84	48	2730	1.3	<2	1.44	<0.5	8	19	126	2.74	20
A0617750		10.45	0.052	0.5	6.15	48	2170	1.3	<2	1.59	<0.5	6	28	149	2.44	20
A0617751		8.01	0.031	<0.5	6.92	39	2350	1.2	<2	1.29	<0.5	4	25	142	3.22	20
A0617752		9.94	0.041	0.5	6.79	58	2670	1.2	2	1.03	<0.5	8	15	252	3.22	20
A0617753		3.01	0.080	0.5	6.10	42	3330	1.2	<2	0.72	<0.5	17	7	316	2.73	20
A0617755		4.03	0.059	0.5	6.12	48	2830	1.3	<2	0.97	<0.5	7	5	449	2.47	20
A0617756		6.38	0.092	0.8	6.27	31	2470	1.3	<2	1.19	0.6	18	7	548	2.37	20
A0617757		0.31	<0.005	<0.5	0.09	<5	30	<0.5	<2	33.8	<0.5	<1	<1	5	0.10	<10
A0617758		3.79	0.118	2.2	6.57	48	2390	1.7	2	1.23	<0.5	12	11	770	2.94	20
A0617759		4.80	0.135	<0.5	6.80	7	2400	1.5	<2	3.66	<0.5	8	5	1680	1.85	20
A0617760		3.80	0.146	<0.5	6.03	6	2570	1.5	<2	3.80	<0.5	8	5	1710	1.43	20
A0617761		6.78	0.110	0.7	6.88	<5	2540	1.4	<2	4.07	0.5	8	5	1080	1.68	20
A0617762		0.10	0.849	14.5	5.82	2440	720	0.7	11	8.11	0.9	88	31	3940	4.80	10
A0617763		8.82	0.115	<0.5	6.00	7	2630	1.5	2	3.84	<0.5	8	8	1340	1.55	20
A0617764		8.30	0.184	<0.5	6.15	9	2280	1.5	<2	4.09	<0.5	5	6	1620	1.32	20

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**CERTIFICATE OF ANALYSIS WH19230294**

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
	Analyte	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Tl
Units		%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
LOD		0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
A0617686		2.64	10	0.79	336	<1	1.81	1	570	30	0.13	5	12	279	<20	0.32
A0617687		2.52	20	0.71	278	1	1.23	<1	520	72	0.24	8	12	207	20	0.29
A0617688		2.35	20	0.83	295	1	1.41	1	600	27	0.43	9	13	220	20	0.29
A0617689		2.84	20	0.89	188	1	1.30	<1	480	23	0.88	12	11	188	20	0.27
A0617690		2.61	20	0.93	288	1	1.36	2	890	38	0.86	6	12	222	20	0.28
A0617691		2.47	40	0.93	885	<1	1.29	3	630	39	1.31	12	13	211	20	0.30
A0617693		2.92	20	0.52	201	18	0.38	2	540	39	4.24	11	13	80	20	0.21
A0617694		3.14	20	0.37	229	<1	0.18	4	540	29	4.58	8	13	31	20	0.22
A0617695		3.28	30	0.33	47	<1	0.08	4	440	45	6.45	10	11	17	20	0.21
A0617696		3.41	20	0.34	83	<1	0.07	3	510	48	5.73	9	12	43	<20	0.19
A0617697		3.08	20	0.30	163	<1	0.08	4	580	35	7.13	<5	11	11	20	0.19
A0617698		0.02	<10	1.25	78	<1	0.02	<1	80	2	0.02	7	<1	87	<20	0.01
A0617699		2.92	20	0.25	47	1	0.08	2	510	35	4.90	16	11	23	20	0.21
A0617700		3.47	20	0.37	189	1	0.07	3	530	18	4.54	<5	11	13	20	0.22
A0617701		3.14	20	0.33	43	1	0.07	2	510	12	5.78	5	11	11	<20	0.19
A0617702		3.43	20	0.38	55	<1	0.07	1	550	44	4.80	11	11	11	<20	0.22
A0617703		3.19	20	0.37	47	<1	0.07	3	480	17	8.91	5	10	15	20	0.18
A0617704		1.80	20	0.75	1405	326	1.80	24	640	27	0.70	42	6	455	<20	0.14
A0617705		3.28	20	0.33	88	1	0.07	3	470	20	8.08	6	11	15	<20	0.18
A0617706		3.37	20	0.29	136	1	0.07	3	500	25	4.88	10	11	13	20	0.21
A0617707		3.17	20	0.21	169	1	0.07	2	470	13	4.82	19	11	20	<20	0.20
A0617708		3.08	20	0.25	250	<1	0.07	3	460	23	3.95	18	11	19	<20	0.22
A0617746		2.83	20	0.65	308	2	1.31	6	520	36	0.10	13	10	284	<20	0.25
A0617747		2.94	20	0.55	278	3	1.33	2	470	43	0.10	11	10	291	<20	0.22
A0617748		2.89	20	0.57	207	2	1.34	6	550	39	0.12	7	10	291	20	0.25
A0617749		3.10	20	0.56	238	3	1.31	5	460	37	0.13	11	10	285	20	0.24
A0617750		2.52	20	0.80	247	4	1.48	8	420	43	0.25	15	11	324	<20	0.27
A0617751		2.85	20	0.59	201	4	1.22	6	610	28	0.12	9	11	278	<20	0.25
A0617752		3.16	20	0.45	250	14	0.99	6	610	27	0.13	12	10	234	<20	0.21
A0617753		3.46	20	0.42	255	32	0.90	<1	360	32	0.17	7	8	202	<20	0.17
A0617755		3.34	10	0.37	147	38	1.18	1	340	27	0.12	10	9	240	<20	0.18
A0617756		2.92	10	0.40	437	38	1.45	1	380	30	0.10	10	10	301	<20	0.17
A0617757		0.02	<10	0.80	88	1	0.02	<1	70	<2	0.01	10	<1	80	<20	0.01
A0617758		3.21	20	0.63	158	57	1.52	7	440	84	0.24	10	9	317	<20	0.19
A0617759		2.32	10	0.70	98	85	2.63	2	550	20	0.33	<5	9	567	<20	0.25
A0617760		2.51	10	0.89	102	31	3.00	1	580	15	0.28	<5	8	598	<20	0.24
A0617761		2.28	10	0.82	107	71	2.87	1	520	16	0.24	<5	8	608	<20	0.24
A0617762		1.58	10	0.75	1380	322	1.58	24	640	30	0.88	47	5	450	<20	0.14
A0617763		2.40	10	0.83	102	89	3.07	1	510	14	0.38	8	7	638	<20	0.23
A0617764		2.28	10	0.82	97	148	3.18	1	500	18	0.34	<5	7	681	<20	0.22

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
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 Account: WECOGO

Project: Casino

**CERTIFICATE OF ANALYSIS WH19230294**

Sample Description	Method Analyte Unks LOD	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Ag-OC62	Cu-OC62	Me-OC62
		Tl	U	V	W	Zn	Ag	Cu	Mo
		ppm 10	ppm 10	ppm 1	ppm 10	ppm 2	ppm 1	% 0.001	% 0.001
A0617686		10	<10	101	<10	44			
A0617687		<10	<10	94	<10	62			
A0617688		10	<10	103	<10	61			
A0617689		<10	<10	83	<10	39			
A0617690		<10	<10	98	<10	73			
A0617691		<10	<10	102	<10	183			
A0617693		<10	<10	94	10	108			
A0617694		<10	10	95	10	104			
A0617695		<10	<10	79	10	27			
A0617696		<10	<10	81	10	40			
A0617697		<10	<10	88	10	54			
A0617698		<10	<10	1	<10	3			
A0617699		10	10	87	10	33			
A0617700		<10	<10	85	10	34			
A0617701		10	<10	85	10	23			
A0617702		10	10	85	10	175			
A0617703		<10	<10	79	10	21			
A0617704		10	<10	57	<10	113	15	0.388	0.033
A0617705		<10	<10	83	10	42			
A0617706		<10	<10	82	10	38			
A0617707		<10	<10	85	10	33			
A0617708		<10	10	88	10	49			
A0617746		<10	<10	74	<10	58			
A0617747		<10	<10	85	<10	50			
A0617748		<10	<10	72	<10	48			
A0617749		<10	<10	88	<10	49			
A0617750		10	<10	74	<10	58			
A0617751		10	<10	72	10	37			
A0617752		<10	<10	83	<10	41			
A0617753		<10	<10	53	10	38			
A0617755		<10	<10	52	10	45			
A0617756		<10	<10	56	10	77			
A0617757		<10	<10	1	<10	2			
A0617758		<10	<10	86	10	139			
A0617759		<10	<10	87	<10	83		0.167	
A0617760		<10	<10	85	<10	41		0.162	
A0617761		<10	<10	88	10	44		0.108	
A0617762		<10	<10	58	<10	111	15	0.391	0.032
A0617763		10	<10	63	<10	42		0.132	
A0617764		<10	<10	80	<10	38		0.160	

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
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**CERTIFICATE OF ANALYSIS WH19230294**

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	Au-AA23 Au ppm	ME-ICP61 Ag ppm	ME-ICP61 Al %	ME-ICP61 As ppm	ME-ICP61 Ba ppm	ME-ICP61 Be ppm	ME-ICP61 Bi ppm	ME-ICP61 Ca %	ME-ICP61 Cd ppm	ME-ICP61 Co ppm	ME-ICP61 Cr ppm	ME-ICP61 Cu ppm	ME-ICP61 Fe %	ME-ICP61 Ga ppm
		0.02	0.005	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
A0617765		6.58	0.189	0.5	8.93	8	2520	1.4	<2	3.32	<0.5	7	5	1530	1.38	20
A0617766		7.18	0.151	<0.5	8.85	<5	2100	1.4	<2	4.22	<0.5	7	4	1190	1.44	20
A0617767		8.45	0.249	0.8	8.15	6	1930	1.4	<2	4.57	<0.5	7	5	2040	1.33	20
A0617768		4.37	0.181	0.8	8.19	<5	1830	1.3	<2	4.38	<0.5	5	4	1510	1.14	20

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 North Vancouver BC V7H 0A7  
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**CERTIFICATE OF ANALYSIS WH19230294**

Sample Description	Method Analyte Units LOD	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
		K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %
		0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
A0617765		2.74	10	0.89	105	55	3.38	1	530	18	0.41	8	8	512	<20	0.23
A0617766		2.14	10	0.70	112	38	3.35	1	520	17	0.74	10	8	570	<20	0.24
A0617767		2.34	10	0.63	110	50	2.93	1	490	28	1.07	8	7	549	<20	0.21
A0617768		2.41	10	0.85	97	108	3.00	<1	510	18	1.08	<5	7	527	<20	0.21

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**CERTIFICATE OF ANALYSIS WH19230294**

Sample Description	Method Analyte Units LOD	ME-ICP61 Ti ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	Ag-OC62 Ag ppm 1	Cu-OC62 Cu % 0.001	Mo-OC62 Mo % 0.001
A0617765		<10	<10	67	<10	41		0.158	
A0617766		<10	<10	71	<10	34		0.117	
A0617767		<10	<10	89	10	48		0.203	
A0617768		10	<10	67	<10	32		0.148	

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**CERTIFICATE OF ANALYSIS WH19230294**

### CERTIFICATE COMMENTS

#### LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.			
	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Ag-OG62	Au-AA23	Cu-OG62	ME-ICP61
	ME-OG62	Mo-OG62		



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### CERTIFICATE WH19230326

Project: Casino

This report is for 43 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 13-SEP-2019.

The following have access to data associated with this certificate:

JACK MCCLINTOCK

HEATHER SEELEY

PAUL WEST-SELLS

### SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-23	Pulp Login - Rcvd with Barcode

### ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	
Ag-OG62	Ore Grade Ag - Four Acid	
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP61	33 element four acid ICP-AES	ICP-AES

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

Saa Traxler, General Manager, North Vancouver



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**CERTIFICATE OF ANALYSIS WH19230326**

Sample Description	Method	WEI-21	AU-AA23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Recvd WL	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ca
Units		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
LOD		0.02	0.005	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
A0606340		4.57	0.008	<0.5	8.10	28	2070	1.4	3	1.76	<0.5	8	25	16	3.48	20
A0606341		8.05	0.021	0.6	7.77	33	1860	1.3	<2	0.90	<0.5	8	21	22	2.93	20
A0606342		8.44	0.027	0.6	7.81	34	1830	1.3	<2	1.43	<0.5	8	23	22	3.16	20
A0606343		8.85	0.020	0.6	7.95	38	1760	1.4	2	1.07	<0.5	8	17	27	3.03	20
A0606344		4.23	0.029	0.7	7.91	49	1750	1.3	5	0.85	<0.5	8	19	40	3.24	20
A0606345		8.31	0.013	0.5	8.03	31	1970	1.4	3	1.08	0.5	8	21	30	3.14	20
A0606346		9.52	0.010	<0.5	7.88	27	1540	1.4	3	1.81	0.7	8	19	29	3.24	20
A0606347		0.31	<0.005	<0.5	0.12	<5	30	<0.5	<2	35.9	<0.5	1	1	1	0.13	<10
A0606348		12.48	0.041	0.9	7.98	40	1810	1.4	4	0.85	<0.5	8	28	75	2.95	20
A0606349		9.77	0.023	1.3	8.32	39	1820	1.6	4	0.45	2.1	8	25	87	3.37	20
A0606350		8.78	0.040	2.0	8.50	38	1740	1.6	4	0.54	<0.5	4	29	116	3.32	20
A0606351		5.13	0.397	1.9	7.53	37	1850	1.4	8	0.42	<0.5	4	28	110	3.29	20
A0606352		0.10	0.400	14.6	8.78	540	890	0.7	11	5.80	0.5	30	29	1870	4.91	10
A0606353		5.07	0.051	0.6	7.35	43	2100	1.7	<2	0.52	<0.5	12	27	360	5.52	20
A0606354		4.85	0.127	2.0	8.89	52	1430	1.7	18	0.21	<0.5	7	11	188	4.85	20
A0606355		2.45	0.167	0.9	8.78	30	330	1.4	13	0.31	2.9	12	13	1180	3.56	20
A0606357		8.57	0.124	0.9	8.37	30	200	1.5	6	0.28	3.8	17	12	880	4.24	20
A0606358		8.14	0.124	2.1	8.28	38	190	1.5	9	0.24	9.7	17	14	837	5.57	20
A0606359		4.88	0.242	5.9	8.35	112	140	1.4	28	0.21	3.7	15	15	822	8.84	20
A0606360		9.75	0.189	5.3	8.38	102	330	1.7	37	0.78	3.7	11	14	827	8.48	30
A0606361		9.25	0.132	2.1	8.35	43	440	1.5	17	0.73	4.2	8	8	465	3.47	20
A0606362		9.49	0.074	3.8	7.78	68	130	1.5	28	0.96	3.8	11	8	847	5.12	20
A0606363		10.77	0.201	2.8	8.66	45	330	1.8	24	1.85	2.7	10	9	865	3.94	20
A0606364		8.44	0.199	3.1	8.68	38	510	1.6	28	1.24	2.1	7	9	750	3.45	20
A0606365		9.78	0.282	3.3	7.98	28	180	1.4	55	1.79	3.2	5	8	733	4.37	20
A0606366		8.85	0.175	2.8	8.72	34	780	1.5	15	0.98	10.3	8	9	481	3.02	20
A0606367		8.78	0.251	7.7	7.84	95	150	1.4	14	0.55	4.3	10	12	750	6.21	20
A0606368		7.87	0.519	8.5	7.10	43	50	1.2	83	1.37	<0.5	13	10	1270	7.87	20
A0606370		7.08	0.359	2.8	7.34	63	370	1.3	8	3.15	8.3	13	10	827	4.23	20
A0606371		9.89	0.119	0.8	7.15	29	400	1.3	3	2.62	<0.5	16	10	371	3.84	20
A0606372		10.22	0.072	0.5	7.52	13	2080	1.4	2	2.42	<0.5	12	11	395	3.57	20
A0606373		10.11	0.231	1.0	7.43	27	730	1.4	10	2.32	<0.5	9	14	708	4.10	20
A0606374		0.11	0.401	15.0	8.84	535	710	0.7	13	5.74	0.8	31	30	1890	5.03	20
A0606375		9.45	0.074	2.0	7.85	28	1280	1.4	3	2.10	1.0	11	12	644	3.80	20
A0606376		9.41	0.048	0.5	7.57	24	1380	1.5	<2	1.97	1.2	8	12	332	3.22	20
A0606377		5.78	0.087	1.3	7.44	17	830	1.4	3	1.89	<0.5	10	12	488	3.44	10
A0606378		10.07	0.132	3.1	6.98	23	920	1.2	10	1.50	<0.5	9	11	888	4.47	20
A0617769		3.81	0.242	0.8	7.97	8	1850	1.3	<2	4.31	<0.5	8	8	1680	1.15	20
A0617729		5.40	0.088	<0.5	6.98	8	180	1.1	7	0.80	0.5	10	11	135	5.14	20
A0614710		4.38	0.088	0.5	7.37	13	1420	1.4	2	3.03	<0.5	11	8	695	3.68	20

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Project: Casino

**CERTIFICATE OF ANALYSIS WH19230326**

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
	Analyte	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Tl
Units	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
LOD	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	
A0606340	2.88	20	0.82	495	5	1.88	7	580	32	0.12	<5	11	289	<20	0.25	
A0606341	3.07	30	0.85	480	8	1.03	4	530	47	0.22	<5	9	180	<20	0.20	
A0606342	2.88	20	0.80	488	8	1.18	5	580	35	0.14	<5	11	214	<20	0.24	
A0606343	2.90	20	0.85	427	7	1.27	4	540	50	0.10	<5	8	211	<20	0.20	
A0606344	2.82	30	0.81	471	15	0.88	7	810	48	0.09	<5	8	167	<20	0.20	
A0606345	2.98	20	0.70	600	6	1.13	8	550	39	0.12	<5	9	204	<20	0.21	
A0606346	2.71	20	0.74	641	4	1.58	7	580	37	0.03	<5	10	200	20	0.24	
A0606347	0.03	<10	0.91	79	<1	0.04	2	80	2	<0.01	<5	<1	84	<20	0.01	
A0606348	3.05	30	0.88	314	14	0.88	7	470	49	0.16	8	9	185	<20	0.23	
A0606349	3.28	30	0.58	151	13	0.43	8	600	53	0.15	8	9	135	<20	0.21	
A0606350	3.58	30	0.81	171	19	0.80	6	540	47	0.25	10	9	151	<20	0.21	
A0606351	3.56	30	0.50	137	28	0.48	5	470	40	0.43	<5	8	123	<20	0.17	
A0606352	1.86	10	1.11	1380	166	1.84	22	620	29	0.38	31	10	429	<20	0.20	
A0606353	2.80	30	0.89	222	33	0.88	17	480	27	0.05	<5	10	168	<20	0.20	
A0606354	3.17	20	0.48	87	20	0.94	12	420	93	0.05	<5	14	152	<20	0.24	
A0606355	3.08	20	0.48	51	6	1.15	8	640	100	3.20	<5	14	170	20	0.28	
A0606357	3.27	30	0.51	51	12	0.82	7	680	67	3.81	<5	14	112	20	0.24	
A0606358	3.82	30	0.83	158	21	0.08	6	670	74	4.94	<5	14	21	<20	0.22	
A0606359	3.91	30	0.80	284	32	0.08	7	670	139	8.12	<5	14	20	<20	0.22	
A0606360	3.52	40	0.85	292	8	0.04	9	1070	151	6.07	<5	7	63	<20	0.29	
A0606361	3.14	40	0.84	338	4	0.04	6	880	65	2.88	<5	5	78	<20	0.24	
A0606362	3.32	40	0.53	254	9	0.04	5	810	85	5.05	<5	5	86	<20	0.22	
A0606363	3.91	40	0.89	587	9	0.07	6	870	79	3.40	<5	5	80	<20	0.24	
A0606364	4.36	40	0.77	371	6	0.13	6	890	81	2.57	12	5	125	<20	0.25	
A0606365	3.77	30	0.88	421	4	0.08	4	800	109	4.22	<5	5	56	<20	0.23	
A0606366	4.24	40	0.73	261	6	0.07	7	880	70	2.44	<5	5	88	<20	0.25	
A0606367	3.31	40	0.81	191	69	0.05	6	880	58	5.77	88	9	42	<20	0.20	
A0606368	3.14	20	0.80	383	9	0.08	4	530	54	6.94	12	12	18	<20	0.19	
A0606370	2.89	20	0.78	634	10	0.04	3	620	77	3.38	<5	14	38	<20	0.27	
A0606371	2.64	20	0.89	430	9	0.19	3	550	18	2.32	9	12	82	<20	0.23	
A0606372	2.47	20	1.01	348	23	0.57	2	600	25	1.04	<5	12	194	<20	0.28	
A0606373	2.88	20	1.00	379	18	0.86	5	640	22	2.01	6	12	185	<20	0.25	
A0606374	1.70	10	1.13	1405	174	1.87	23	830	28	0.38	31	10	434	<20	0.21	
A0606375	2.98	40	1.20	350	46	1.01	3	580	28	1.51	30	13	218	20	0.25	
A0606376	2.50	20	1.22	300	20	1.33	3	570	24	1.03	7	13	229	<20	0.28	
A0606377	2.85	30	1.08	271	19	0.84	4	570	17	2.18	10	12	125	<20	0.23	
A0606378	3.18	20	0.87	283	39	0.23	4	510	18	3.63	10	11	80	<20	0.19	
A0617769	2.33	10	0.58	84	78	3.05	3	480	17	1.10	<5	7	531	<20	0.19	
A0617729	3.08	20	0.52	180	<1	0.08	4	480	21	5.25	5	11	30	<20	0.18	
A0614710	2.01	10	1.59	170	42	2.18	6	1480	11	0.40	<5	12	448	<20	0.38	

\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
 www.alsglobal.com/geochemistry

To: CASINO MINING CORP C/O WESTERN COPPER  
 & GOLD CORP  
 15TH FLOOR, 1040 WEST GEORGIA ST.  
 VANCOUVER BC V6E 4H1

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**CERTIFICATE OF ANALYSIS WH19230326**

Sample Description	Method Analyte Units LOD	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Ag-OC62	Cu-OC62
		Tl ppm 10	U ppm 10	V ppm 1	W ppm 10	Zn ppm 2	Ag ppm 1	Cu X 0.001
A0606340		<10	<10	88	<10	75		
A0606341		<10	<10	68	10	80		
A0606342		<10	<10	82	10	58		
A0606343		<10	<10	88	<10	72		
A0606344		<10	<10	70	10	73		
A0606345		10	<10	76	10	74		
A0606346		<10	<10	76	<10	82		
A0606347		<10	<10	2	<10	3		
A0606348		10	<10	77	10	71		
A0606349		<10	<10	74	10	88		
A0606350		10	<10	77	10	97		
A0606351		10	<10	71	20	81		
A0606352		<10	<10	88	10	95	15	0.178
A0606353		<10	<10	89	10	194		
A0606354		<10	<10	102	30	181		
A0606355		10	10	99	10	88		0.121
A0606357		<10	10	100	10	100		
A0606358		10	<10	103	20	830		
A0606359		<10	<10	100	20	388		
A0606360		<10	<10	63	50	392		
A0606361		<10	<10	47	30	432		
A0606362		<10	<10	45	40	379		
A0606363		10	<10	50	80	296		
A0606364		<10	<10	51	50	230		
A0606365		10	<10	44	30	299		
A0606366		<10	<10	49	30	841		
A0606367		10	<10	70	30	466		
A0606368		<10	<10	88	20	80		0.130
A0606370		<10	<10	110	10	720		
A0606371		10	<10	91	10	77		
A0606372		<10	<10	93	10	84		
A0606373		10	<10	92	10	79		
A0606374		<10	<10	88	10	98	23	0.279
A0606375		<10	<10	94	10	183		
A0606376		<10	<10	98	10	153		
A0606377		<10	<10	89	10	68		
A0606378		<10	<10	80	10	51		
A0617769		10	<10	63	10	33		0.188
A0617729		<10	<10	81	10	43		
A0614710		<10	<10	128	<10	27		

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
 www.alsglobal.com/geochemistry

To: CASINO MINING CORP C/O WESTERN COPPER  
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**CERTIFICATE OF ANALYSIS WH19230326**

Sample Description	Method Analyte Unks LOD	WEI-21	Au-AA23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg 0.02	Au ppm 0.005	Ag ppm 0.5	Al % 0.01	As ppm 5	Ba ppm 10	Be ppm 0.5	Bi ppm 2	Ca % 0.01	Cd ppm 0.5	Co ppm 1	Cr ppm 1	Cu ppm 1	Fe % 0.01	Ga ppm 10
A0617790		3.98	0.232	0.9	7.80	11	1440	1.4	<2	4.73	<0.5	11	13	1880	2.17	20
A0618440		4.61	0.123	0.5	8.08	24	1750	1.3	<2	3.32	0.5	30	38	1510	8.03	20
A0617754		3.03	0.087	0.9	9.47	55	3090	1.4	3	0.75	<0.5	16	8	345	2.95	20

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ALS Canada Ltd.  
 2103 Dollarton Hwy  
 North Vancouver BC V7H DA7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
 www.alsglobal.com/geochemistry

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Project: Casino

**CERTIFICATE OF ANALYSIS WH19230326**

Sample Description	Method Analyte Units LOD	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
		K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %
		0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
A0617790		2.17	10	1.00	128	96	2.11	5	880	17	1.25	<5	10	458	<20	0.28
A0618440		2.34	10	3.09	381	33	1.22	31	1420	5	0.97	<5	24	438	<20	0.58
A0617754		3.42	20	0.45	237	33	1.05	4	380	40	0.18	10	10	222	<20	0.16

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 North Vancouver BC V7H 0A7  
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**CERTIFICATE OF ANALYSIS WH19230326**

Sample Description	Method Analyte Units LOD	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Ag-OC62	Cu-OC62
		Tl ppm 10	U ppm 10	V ppm 1	W ppm 10	Zn ppm 2	Ag ppm 1	Cu % 0.001
A0617790		<10	<10	114	<10	27		0.208
A0618440		10	<10	255	<10	80		0.155
A0617754		10	<10	58	10	38		

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Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
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Project: Casino

**CERTIFICATE OF ANALYSIS WH19230326**

**CERTIFICATE COMMENTS**

**LABORATORY ADDRESSES**

Applies to Method:

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31

CRU-QC

LOG-21

LOG-23

PUL-31

PUL-QC

SPL-21

WEI-21

Applies to Method:

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Ag-OG62

Au-AA23

Cu-OG62

ME-ICP61

ME-OG62



**Project:** CASINO

**Hole:** DH 19-44

<b>Prospect:</b>		<b>Survey Type:</b>	TSGPS	<b>Logged By:</b>	K.Baker	<b>Hole Type:</b>	DD
<b>UTM Grid</b>	NAD83_27	<b>Survey By:</b>	CAP Engineering	<b>Date Started:</b>	7/27/2019	<b>Hole Diameter:</b>	
<b>UTM East:</b>	611257.608	<b>Azimuth:</b>	0	<b>Date Completed:</b>	8/1/2019	<b>Core Size:</b>	NTW
<b>UTM North:</b>	6958929.619	<b>Dip:</b>	-90	<b>Drill Company:</b>	Kluane	<b>Casing Pulled?:</b>	<input type="checkbox"/>
<b>UTM Elevation (m)</b>	1210.88	<b>Length (m):</b>	300.23	<b>Drill Rig:</b>		<b>Casing Depth (m)</b>	
<b>Local Grid:</b>		<b>Comments:</b>		<b>Drill Started:</b>			
<b>Local East:</b>				<b>Drill Completed:</b>			
<b>Local North:</b>							
<b>Topo Elevation (m)</b>							

Final Survey Coordinates by CAP Engineering

Depth (m)	Survey Method	Survey By	Date Surveyed	Dip	Measured Azimuth	Correction Factor	Corrected Azimuth	Mag. Field	Accept Values?	Comments
50	DeviShot		7/16/2019	-89.07	71.44	19.1	90.54	57699	<input checked="" type="checkbox"/>	
100	DeviShot		7/16/2019	-89.37	40.11	19.1	59.21	56440	<input checked="" type="checkbox"/>	
150	DeviShot		7/16/2019	-89.42	136.91	19.1	156.01	56520	<input checked="" type="checkbox"/>	
200	DeviShot		7/16/2019	-89.05	120.57	19.1	139.67	56454	<input checked="" type="checkbox"/>	
250	DeviShot		7/16/2019	-89.17	111.79	19.1	130.89	56738	<input checked="" type="checkbox"/>	
300	DeviShot		7/16/2019	-88.85	82.39	19.1	101.49	56135	<input checked="" type="checkbox"/>	

Depth (m)	Rock Type	ARG	PHY	POT	PRO	cpy	PY	mal	lim	Mag	From (m)	To (m)	Length	Sample #	Au Best	Ag Best	Cu Best	Mo Best	Pb Best	
		Alt	Alt	Alt	Alt	Min	Min	Min	Min	Sus					ppm	ppm	pct	ppm	pct	
0.00																				
3.00	OV8										2.35	4.57	2.22	A0613877	0.055	0.25	0.0207	14	0.0027	



Hole: **DH 19-44**

Depth (m)	Rock Type	ARG	PHY	POT	PRO	cpy	PY	mal	lim	Mag	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best pct	Mo Best ppm	Pb Best pct
		Alt	Alt	Alt	Alt	Min	Min	Min	Min	Sus									
		0	70	70	70	70	100	100	100	100									
6.00											4.57	7.50	2.93	A0613878	0.051	0.5	0.0248	10	0.0044
9.00											7.50	10.67	3.17	A0613879	0.139	0.25	0.0793	48	0.0034
12.00											10.67	13.71	3.04	A0613881	0.083	0.25	0.0784	110	0.0047
15.00	WRGD										13.71	16.76	3.05	A0613882	0.16	0.25	0.0541	132	0.0065
18.00											16.76	19.81	3.05	A0613883	0.173	1.7	0.0297	70	0.02
21.00											19.81	22.86	3.05	A0613886	0.117	0.25	0.0207	26	0.0067
24.00											22.86	25.90	3.04	A0613887	0.13	0.25	0.017	34	0.0074
27.00											25.90	28.96	3.06	A0613888	0.121	0.7	0.0574	69	0.0093
30.00											28.96	31.39	2.43	A0613889	0.124	0.5	0.126	74	0.0069
33.00											31.39	33.53	2.14	A0613891	0.141	3.3	0.0241	79	0.0095
36.00											33.53	35.50	1.97	A0613892	0.134	0.25	0.0847	43	0.0037
39.00											35.50	37.50	2.00	A0613893	0.093	0.25	0.134	48	0.002
42.00											37.50	39.50	2.00	A0613894	0.143	0.7	0.135	39	0.0018
45.00											39.50	41.50	2.00	A0613896	0.112	0.7	0.141	100	0.0014
											41.50	43.50	2.00	A0613897	0.169	0.6	0.198	38	0.0019
											43.50	45.50	2.00	A0613898	0.116	0.25	0.163	29	0.0014
											45.50	47.50	2.00	A0613899	0.183	0.6	0.198	33	0.0024
											47.50	49.50	2.00	A0613900	0.109	0.5	0.113	22	0.0017



Hole: DH 19-44

Depth (m)	Rock Type	ARG	PHY	POT	PRO	cpy	PY	mal	lim	Mag	From (m)	To (m)	Length	Sample #	Au Best	Ag Best	Cu Best	Mo Best	Pb Best		
		Alt	Alt	Alt	Alt	Min	Min	Min	Min	Sus					ppm	ppm	pct	ppm	pct		
		0	70	70	70	100	100	100	100	100											
48.00	PP										49.50	51.50	2.00	A0613901	0.143	0.5	0.0904	71	0.0016		
51.00																					
54.00												51.50	53.50	2.00	A0613902	0.119	0.5	0.107	63	0.0019	
												53.50	55.50	2.00	A0613903	0.101	0.25	0.0791	123	0.0018	
												55.50	57.50	2.00	A0613904	0.149	0.7	0.121	184	0.0021	
57.00												57.50	59.44	1.94	A0613905	0.141	0.25	0.0954	46	0.002	
												59.44	61.50	2.06	A0613907	0.167	0.6	0.134	126	0.0019	
60.00												61.50	63.50	2.00	A0613908	0.14	1	0.119	52	0.0088	
63.00												63.50	65.50	2.00	A0613909	0.141	0.6	0.112	50	0.0021	
												65.50	67.50	2.00	A0613910	0.131	0.25	0.105	32	0.0019	
66.00												67.50	70.50	3.00	A0613912	0.128	0.25	0.0856	23	0.0018	
69.00																					
72.00												70.50	73.50	3.00	A0613913	0.155	0.6	0.144	59	0.0018	
												73.50	76.50	3.00	A0613914	0.164	0.6	0.116	67	0.002	
75.00												76.50	77.50	1.00	A0613915	0.181	0.6	0.116	92	0.0024	
												77.50	79.50	2.00	A0613917	0.14	0.5	0.111	148	0.0017	
78.00												79.50	82.50	3.00	A0613918	0.164	0.6	0.136	124	0.0019	
81.00												82.50	85.50	3.00	A0613919	0.15	0.9	0.123	82	0.0031	
84.00											85.50	87.50	2.00	A0613920	0.155	0.8	0.123	54	0.0027		
87.00											87.50	88.55	1.05	A0613921	0.214	1.2	0.165	81	0.0041		



Hole: DH 19-44

Depth (m)	Rock Type	ARG Alt	PHY Alt	POT Alt	PRO Alt	cpy Min	PY Min	mal Min	lim Min	Mag Sus	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best pct	Mo Best ppm	Pb Best pct	
		0	70	70	70	70	100	100	100	100										
90.00	WRGD										88.55	91.44	2.89	A0613922	0.136	0.6	0.0967	78	0.0029	
93.00											91.44	94.49	3.05	A0613923	0.156	0.6	0.107	48	0.0023	
96.00											94.49	97.54	3.05	A0613924	0.153	0.6	0.101	31	0.002	
99.00											97.54	100.58	3.04	A0613925	0.141	0.5	0.0972	61	0.0016	
102.00											100.58	103.63	3.05	A0613927	0.183	1	0.144	162	0.0032	
105.00											103.63	106.68	3.05	A0613928	0.111	4.9	0.115	75	0.0024	
108.00											106.68	109.73	3.05	A0613929	0.128	1.5	0.127	43	0.0041	
111.00											109.73	112.78	3.05	A0613930	0.175	0.9	0.125	73	0.0016	
114.00											112.78	115.82	3.04	A0613932	0.119	0.5	0.0918	37	0.0015	
117.00											115.82	118.87	3.05	A0613933	0.457	1.5	0.291	116	0.0015	
120.00											118.87	121.92	3.05	A0613934	0.223	4.4	0.245	61	0.0196	
123.00											121.92	124.97	3.05	A0613936	0.546	2.2	0.461	54	0.0014	
126.00											124.97	128.02	3.05	A0613937	0.2	1	0.156	290	0.0018	
129.00											128.02	131.06	3.04	A0613938	0.434	1.2	0.226	101	0.0013	
132.00											131.06	134.11	3.05	A0613939	0.165	0.8	0.135	156	0.0024	
135.00											134.11	137.16	3.05	A0613940	0.118	0.7	0.104	95	0.0018	



Hole: DH 19-44

Depth (m)	Rock Type	ARG	PHY	POT	PRO	cpy	PY	mal	llm	Mag	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best pct	Mo Best ppm	Pb Best pct	
		Alt	Alt	Alt	Alt	Min	Min	Min	Min	Sus										
		0	70	70	70	100	100	100	100	100										
138.00											137.16	140.20	3.04	A0613941	0.129	0.7	0.105	57	0.0022	
141.00											140.20	143.26	3.06	A0613942	0.168	0.9	0.164	60	0.0014	
144.00											143.26	146.30	3.04	A0613943	0.208	1	0.167	63	0.0018	
147.00											146.30	149.35	3.05	A0613944	0.174	0.6	0.136	66	0.0014	
150.00											149.35	152.40	3.05	A0613946	0.166	1.6	0.174	69	0.0082	
153.00											152.40	155.45	3.05	A0613947	0.225	1.7	0.263	94	0.001	
156.00											155.45	158.50	3.05	A0613948	0.143	1.1	0.196	56	0.0012	
159.00											158.50	160.50	2.00	A0613949	0.313	1.4	0.295	83	0.0011	
162.00	QM										160.50	162.55	2.05	A0613951	0.164	0.8	0.165	60	0.0014	
165.00	WRDR										162.55	164.75	2.20	A0613952	0.093	0.25	0.0939	39	0.002	
168.00											164.75	167.64	2.89	A0613953	0.195	1.2	0.202	70	0.0011	
171.00	WRGD										167.64	169.78	2.14	A0613954	0.217	0.8	0.186	46	0.0013	
174.00											169.78	172.80	3.02	A0613956	0.139	1.4	0.18	141	0.0038	
177.00											172.80	175.80	3.00	A0613957	0.105	1.9	0.122	78	0.0045	
180.00											175.80	178.85	3.05	A0613958	0.078	0.7	0.106	74	0.0032	
											178.85	181.90	3.05	A0613959	0.105	0.8	0.103	75	0.0028	
											181.90	184.90	3.00	A0613960	0.068	0.25	0.0553	79	0.0024	





Hole: DH 19-44

Depth (m)	Rock Type	ARG	PHY	POT	PRO	cpy	PY	mal	lim	Mag	From (m)	To (m)	Length	Sample #	Au Best	Ag Best	Cu Best	Mo Best	Pb Best	
		Alt	Alt	Alt	Alt	Min	Min	Min	Min	Sus					ppm	ppm	pct	ppm	pct	
		0	70	70	70	70	100	100	100	100										
183.00																				
186.00																				
189.00											184.90	187.90	3.00	A0613961	0.073	0.25	0.0807	73	0.0021	
											187.90	190.60	2.70	A0613962	0.081	5.2	0.108	136	0.0018	
											190.60	193.00	2.40	A0613963	0.116	0.5	0.0968	43	0.0023	
192.00																				
195.00											193.00	195.07	2.07	A0613964	0.237	0.8	0.184	57	0.0021	
198.00											195.07	198.12	3.05	A0613966	0.15	0.6	0.099	38	0.0021	
201.00											198.12	201.17	3.05	A0613967	0.171	1.2	0.165	82	0.0018	
204.00											201.17	204.22	3.05	A0613968	0.298	1.4	0.246	65	0.0015	
207.00											204.22	207.27	3.05	A0613969	0.14	1.4	0.157	62	0.0018	
210.00											207.27	210.37	3.10	A0613971	0.125	1.1	0.127	34	0.0018	
213.00	PP										210.37	212.50	2.13	A0613972	0.216	1.2	0.249	131	0.0013	
											212.50	214.40	1.90	A0613973	0.112	0.8	0.113	57	0.0027	
216.00	WRGD										214.40	215.90	1.50	A0613974	0.075	0.25	0.0349	14	0.0012	
											215.90	217.50	1.60	A0613976	0.155	1.1	0.149	115	0.0028	
219.00											217.50	219.46	1.96	A0613977	0.164	1.1	0.146	36	0.004	
222.00											219.46	221.50	2.04	A0613978	0.109	0.9	0.103	51	0.0014	
											221.50	224.50	3.00	A0613979	0.233	0.9	0.207	360	0.001	
225.00											224.50	227.50	3.00	A0613980	0.259	1.8	0.255	94	0.0011	



Hole: DH 19-44

Depth (m)	Rock Type	ARG	PHY	POT	PRO	cpy	PY	mal	llm	Mag	From (m)	To (m)	Length	Sample #	Au Best	Ag Best	Cu Best	Mo Best	Pb Best	
		Alt	Alt	Alt	Alt	Min	Min	Min	Min	Sus					ppm	ppm	pct	ppm	pct	
		0	7 0	7 0	7 0	7 0	10 0	10 0	10 0	10 0	100									
228.00	WRDR										227.50	230.50	3.00	A0613981	0.246	1.2	0.242	201	0.0007	
231.00											230.50	233.50	3.00	A0613982	0.282	1.6	0.328	135	0.001	
234.00												233.50	236.50	3.00	A0613983	0.424	1.4	0.37	370	0.001
237.00												236.50	239.11	2.61	A0613984	0.226	1.9	0.206	75	0.0086
240.00												239.11	242.00	2.89	A0613986	0.134	1.3	0.138	139	0.0031
243.00												242.00	245.00	3.00	A0613987	0.038	0.25	0.0587	128	0.0028
246.00												245.00	248.00	3.00	A0613988	0.093	0.6	0.134	280	0.0025
249.00												248.00	250.50	2.50	A0613989	0.076	0.25	0.0801	51	0.002
252.00												250.50	252.65	2.15	A0613991	0.056	0.5	0.0752	157	0.0023
255.00												252.65	255.65	3.00	A0613992	0.244	1.2	0.251	87	0.0011
258.00												255.65	257.65	2.00	A0613993	0.126	0.9	0.143	109	0.0017
261.00												257.65	260.60	2.95	A0613994	0.154	0.8	0.126	140	0.0039
264.00												260.60	263.65	3.05	A0613996	0.114	0.7	0.122	146	0.0018
267.00												263.65	266.70	3.05	A0613997	0.192	2	0.163	93	0.0014
												266.70	269.75	3.05	A0613998	0.175	0.9	0.165	138	0.0015
												269.75	272.80	3.05	A0613999	0.19	0.7	0.147	157	0.0008
270.00												272.80	275.84	3.04	A0614000	0.109	0.5	0.118	120	0.0008



Hole: DH 19-44

Depth (m)	Rock Type	ARG Alt	PHY Alt	POT Alt	PRO Alt	cpy Min	PY Min	mal Min	llm Min	Mag Sus	From (m)	To (m)	Length	Sample #	Au Best ppm	Ag Best ppm	Cu Best pct	Mo Best ppm	Pb Best pct	
		0	7 0	7 0	7 0	7 0	10 0	10 0	10 0	10 0	100									
273.00											275.84	278.89	3.05	A0614001	0.085	0.25	0.0753	470	0.0011	
276.00											278.89	281.94	3.05	A0614002	0.199	1.2	0.227	69	0.0007	
279.00																				
282.00											281.94	284.99	3.05	A0614003	0.19	1.4	0.243	107	0.0006	
285.00											284.99	287.00	2.01	A0614004	0.113	0.6	0.109	45	0.0006	
288.00											287.00	289.00	2.00	A0614006	0.167	1	0.178	115	0.0005	
291.00											289.00	291.00	2.00	A0614007	0.127	0.5	0.0924	320	0.0006	
294.00	PP										291.00	293.00	2.00	A0614008	0.212	1.2	0.198	104	0.0008	
297.00	WRDR										293.00	295.05	2.05	A0614009	0.312	1.2	0.238	37	0.0008	
300.00											295.05	296.70	1.65	A0614011	0.504	16	0.408	238	0.125	
											296.70	298.35	1.65	A0614012	0.232	1.1	0.232	125	0.0005	
											298.35	300.23	1.88	A0614013	0.1	0.25	0.085	82	0.0005	

End of Hole @ 300.23



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**CERTIFICATE WH19194470**

Project: Casino

This report is for 60 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 7-AUG-2019.

The following have access to data associated with this certificate:

JACK MCCLINTOCK	HEATHER SEELEY	PAUL WEST-SELLS
-----------------	----------------	-----------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-23	Pulp Login - Rcvd with Barcode

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	
Ag-OG62	Ore Grade Ag - Four Acid	
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP61	33 element four acid ICP-AES	ICP-AES

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.  
 \*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:   
 Colin Ramshaw, Vancouver Laboratory Manager





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**CERTIFICATE OF ANALYSIS WH19194470**

Sample Description	Method Analyte Units LOD	WEI-21	Au-AA23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm
A0606246		8.85	0.048	0.6	7.72	<5	210	1.8	5	0.99	<0.5	9	18	237	4.96	20
A0606247		10.77	0.047	0.5	8.03	<5	290	1.8	8	0.90	<0.5	8	17	361	4.89	20
A0606248		7.92	0.027	<0.5	7.84	5	280	1.7	8	0.93	<0.5	10	15	184	4.46	20
A0606249		4.88	0.037	<0.5	8.09	7	310	1.8	5	0.96	0.5	12	18	324	4.29	20
A0606251		2.98	0.046	<0.5	7.84	<5	250	1.8	4	0.57	<0.5	14	16	109	5.11	20
A0613877		2.03	0.055	<0.5	9.15	31	2240	1.3	8	2.52	<0.5	9	20	207	4.45	20
A0613878		5.86	0.051	0.5	9.58	34	2700	1.3	8	1.80	<0.5	4	17	246	3.94	20
A0613879		5.84	0.139	<0.5	9.63	28	2110	1.1	5	0.74	<0.5	2	12	793	9.70	20
A0613881		6.20	0.093	<0.5	9.64	21	2780	1.2	4	0.51	<0.5	4	8	784	8.57	20
A0613882		6.30	0.160	<0.5	10.85	25	3230	1.2	2	0.28	<0.5	2	5	541	4.87	20
A0613883		5.22	0.173	1.7	10.65	37	2850	1.4	12	0.56	<0.5	1	6	297	2.30	20
A0613885		0.55	0.005	<0.5	0.29	<5	80	<0.5	<1	33.1	<0.5	<1	1	13	0.23	<10
A0613886		6.55	0.117	<0.5	10.30	16	2740	1.2	<1	1.53	<0.5	2	5	207	1.33	20
A0613887		8.02	0.130	<0.5	10.20	7	2940	1.3	2	2.15	<0.5	2	6	170	1.63	20
A0613888		6.32	0.121	0.7	9.81	<5	3300	1.3	3	2.43	<0.5	4	7	574	1.67	20
A0613889		2.70	0.124	0.5	9.50	<5	3200	1.4	8	3.01	<0.5	8	5	1250	1.36	20
A0613891		6.49	0.141	3.3	10.15	34	3000	1.4	4	1.43	<0.5	3	8	241	1.88	20
A0613892		6.61	0.134	<0.5	9.56	8	3370	1.4	<1	3.24	<0.5	8	7	847	1.48	20
A0613893		5.32	0.093	<0.5	9.97	8	3080	1.4	<1	3.43	<0.5	8	8	1340	1.84	20
A0613894		5.34	0.143	0.7	9.03	9	2560	1.4	3	2.94	<0.5	8	6	1260	1.48	20
A0613895		0.10	0.415	14.0	6.67	504	680	0.8	14	5.50	<0.5	31	28	1755	4.83	20
A0613896		5.88	0.112	0.7	7.24	12	2250	1.4	<1	4.76	1.8	12	4	1425	1.28	20
A0613897		5.79	0.169	0.8	6.33	8	2420	1.8	<1	3.87	1.7	15	5	1980	1.48	20
A0613898		8.44	0.116	<0.5	7.90	<5	1850	1.5	<1	3.38	1.0	7	5	1520	1.00	20
A0613899		2.90	0.128	0.6	9.03	6	3180	1.3	2	2.77	<0.5	5	5	1035	1.24	20
A0606210		4.48	0.033	0.8	7.78	8	1330	1.5	4	0.30	2.6	13	22	239	3.74	20
A0606230		4.32	0.103	<0.5	7.54	8	1220	1.7	<1	1.54	<0.5	12	22	214	3.10	20
A0613899		5.48	0.183	0.6	8.28	8	2220	1.6	<1	3.17	0.8	8	7	1875	1.18	20
A0613900		5.14	0.109	0.5	8.31	8	2370	1.6	<1	3.73	0.6	12	6	1130	1.44	20
A0613901		8.01	0.143	0.5	8.63	<5	3210	1.4	3	3.97	<0.5	9	8	904	1.88	20
A0613902		5.90	0.119	0.5	9.16	5	3210	1.5	4	3.17	1.1	8	7	1080	1.68	20
A0613903		6.30	0.101	<0.5	8.23	8	3040	1.3	<1	3.75	<0.5	8	7	791	1.73	20
A0613904		8.69	0.149	0.7	8.82	6	3330	1.4	<1	3.55	<0.5	10	8	1210	1.74	20
A0613905		4.52	0.141	<0.5	8.88	12	3340	1.4	2	3.42	<0.5	8	8	954	1.48	20
A0613906		0.49	0.005	<0.5	0.09	<5	30	<0.5	<1	33.5	<0.5	<1	1	5	0.11	<10
A0613907		5.72	0.167	0.6	9.18	10	2810	1.4	2	3.46	<0.5	9	8	1315	1.79	20
A0613908		5.32	0.140	1.0	7.99	7	3030	1.3	<1	4.18	2.0	10	7	1205	1.84	20
A0613909		5.72	0.141	0.6	8.68	12	2870	1.4	2	3.52	<0.5	11	7	1070	1.71	20
A0613910		5.96	0.131	<0.5	8.89	8	2880	1.4	<1	3.93	<0.5	7	8	1005	1.77	20
A0613912		3.91	0.128	<0.5	8.81	7	2350	1.4	2	4.02	<0.5	7	7	858	1.41	20

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Project: Casino

**CERTIFICATE OF ANALYSIS WH19194470**

Sample Description	Method Analyte Units LOD	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
		K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %
A0606246		3.25	30	0.70	360	36	0.80	11	690	10	4.58	<5	7	101	<20	0.11
A0606247		3.58	30	0.88	327	33	0.13	10	700	11	4.51	<5	7	41	<20	0.12
A0606248		3.23	30	0.85	313	28	0.65	9	690	23	4.07	5	7	133	<20	0.11
A0606249		3.08	30	0.85	359	42	0.81	12	740	8	3.74	7	7	217	<20	0.12
A0606251		3.12	30	0.70	609	45	0.71	10	690	8	3.89	<5	7	170	<20	0.12
A0613877		2.38	10	0.81	454	14	1.70	9	690	27	0.07	7	12	388	<20	0.28
A0613878		2.80	10	0.59	219	10	1.75	8	550	44	0.05	10	11	362	<20	0.25
A0613879		2.33	10	0.40	83	48	1.23	1	560	34	0.08	10	10	220	<20	0.18
A0613881		2.57	10	0.38	125	110	1.18	2	650	47	0.14	8	9	213	<20	0.15
A0613882		2.90	<10	0.38	91	132	1.10	<1	490	65	0.10	8	10	184	<20	0.13
A0613883		3.38	<10	0.52	100	70	1.01	<1	390	200	0.05	12	13	185	<20	0.23
A0613885		0.08	<10	1.57	115	2	0.04	<1	90	<2	0.01	<5	<1	83	<20	0.01
A0613886		2.53	10	0.45	68	26	1.79	1	220	87	0.03	8	9	347	<20	0.20
A0613887		2.47	10	0.64	97	34	2.24	1	400	74	0.03	<5	11	452	<20	0.21
A0613888		2.51	10	0.68	97	69	2.25	2	440	93	0.17	<5	11	472	<20	0.23
A0613889		2.34	10	0.59	90	74	2.52	1	440	69	0.35	<5	8	546	<20	0.19
A0613891		3.18	10	0.80	81	79	1.75	1	610	95	0.30	8	11	368	<20	0.18
A0613892		2.88	10	0.67	91	43	2.58	2	500	37	0.36	<5	10	573	<20	0.20
A0613893		2.46	10	0.75	113	48	2.61	3	570	20	0.52	<5	10	597	<20	0.23
A0613894		2.31	10	0.89	114	38	2.85	2	540	18	0.50	<5	9	552	<20	0.20
A0613895		1.67	10	1.07	1340	158	1.80	23	630	33	0.35	38	10	427	<20	0.20
A0613896		2.49	10	0.31	278	100	1.91	4	460	14	0.75	5	5	414	<20	0.16
A0613897		2.30	10	0.40	138	38	2.57	2	510	18	0.83	7	7	514	<20	0.18
A0613898		2.44	10	0.46	158	29	2.46	2	440	14	0.39	<5	7	387	<20	0.13
A0613890		2.28	10	0.58	88	84	2.38	1	420	71	0.31	<5	8	540	<20	0.19
A0606210		2.83	30	0.89	531	33	1.17	12	710	13	1.65	5	8	297	<20	0.15
A0606230		2.32	30	0.75	448	19	1.87	12	740	10	1.53	<5	7	581	<20	0.18
A0613899		2.53	10	0.48	132	33	2.55	2	470	24	0.59	6	8	449	<20	0.15
A0613900		2.48	10	0.51	132	22	2.42	3	490	17	0.70	<5	9	494	<20	0.16
A0613901		2.67	10	0.58	124	71	2.41	2	560	16	0.65	<5	9	576	<20	0.22
A0613902		2.78	10	0.70	105	83	2.62	2	590	19	0.82	<5	10	576	<20	0.21
A0613903		2.41	10	0.67	115	123	2.23	2	570	18	0.55	<5	9	540	<20	0.23
A0613904		2.71	10	0.72	161	184	2.48	2	590	21	0.57	5	10	587	<20	0.23
A0613905		2.68	10	0.70	106	46	2.76	2	550	20	0.48	<5	9	646	<20	0.22
A0613906		0.02	<10	1.45	102	<1	0.04	<1	70	2	<0.01	<5	<1	92	<20	0.01
A0613907		2.60	10	0.77	128	128	2.89	2	610	19	0.67	5	10	645	<20	0.23
A0613908		2.39	10	0.62	149	52	2.70	3	550	88	0.48	<5	8	638	<20	0.22
A0613909		2.57	10	0.65	167	50	2.74	2	530	21	0.58	<5	9	605	<20	0.21
A0613910		2.31	10	0.70	136	32	2.73	3	550	19	0.44	6	9	648	<20	0.24
A0613912		2.07	10	0.63	107	23	2.60	1	500	18	0.38	<5	7	617	<20	0.21

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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 North Vancouver BC V7H 0A7  
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**CERTIFICATE OF ANALYSIS WH19194470**

Sample Description	Method Analyte Units LOD	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Ag-OC62	Cu-OC62
		Tl ppm 10	U ppm 10	V ppm 1	W ppm 10	Zn ppm 2	Ag ppm 1	Cu % 0.001
A0606246		<10	<10	53	10	69		
A0606247		<10	<10	54	10	46		
A0606248		<10	<10	52	10	48		
A0606249		<10	<10	58	10	83		
A0606251		<10	<10	55	<10	85		
A0613877		<10	<10	87	<10	85		
A0613878		<10	<10	73	<10	57		
A0613879		<10	<10	55	<10	47		
A0613881		<10	<10	54	<10	50		
A0613882		<10	<10	52	<10	47		
A0613883		<10	<10	67	10	70		
A0613885		<10	<10	3	<10	21		
A0613886		<10	<10	58	<10	43		
A0613887		<10	<10	67	<10	45		
A0613888		<10	<10	89	<10	40		
A0613889		<10	<10	58	<10	35		0.128
A0613891		<10	<10	78	10	50		
A0613892		<10	<10	67	<10	30		
A0613893		<10	<10	69	<10	35		0.134
A0613894		10	<10	62	<10	40		0.135
A0613895		10	<10	85	10	85	14	0.179
A0613896		10	<10	54	10	67		0.141
A0613897		<10	<10	58	10	60		0.198
A0613898		<10	<10	51	10	48		0.163
A0613890		<10	<10	55	<10	32		0.107
A0606210		10	<10	61	10	171		
A0606230		<10	<10	62	<10	75		
A0613899		10	<10	59	10	80		0.198
A0613900		<10	<10	59	10	44		0.113
A0613901		<10	<10	73	10	40		
A0613902		<10	<10	69	10	37		0.107
A0613903		10	<10	66	<10	33		
A0613904		<10	<10	72	<10	52		0.121
A0613905		<10	<10	68	10	30		
A0613906		<10	<10	1	<10	3		
A0613907		<10	<10	78	<10	36		0.134
A0613908		<10	<10	65	10	108		0.119
A0613909		<10	<10	65	<10	31		0.112
A0613910		10	<10	72	<10	30		0.105
A0613912		<10	<10	59	<10	25		

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 2103 Dollarton Hwy  
 North Vancouver BC V7H 0A7  
 Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218  
 www.alsglobal.com/geochemistry

To: CASINO MINING CORP C/O WESTERN COPPER  
 & GOLD CORP  
 15TH FLOOR, 1040 WEST GEORGIA ST.  
 VANCOUVER BC V6E 4H1

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**CERTIFICATE OF ANALYSIS WH19194470**

Sample Description	Method Analyte Units LOD	WEF-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10
A0613913		9.49	0.155	0.8	8.11	7	2330	1.4	<2	4.28	Δ.5	8	8	1440	1.22	20
A0613914		8.45	0.184	0.8	8.60	5	2470	1.3	<2	3.79	Δ.5	5	7	1125	1.31	20
A0613915		3.70	0.181	0.8	8.56	6	2360	1.4	<2	4.17	Δ.5	8	8	1120	1.42	20
A0613916		0.10	0.401	14.8	6.78	521	690	0.7	17	5.55	0.6	31	28	1810	4.90	10
A0613917		5.06	0.140	0.5	7.58	<5	2430	1.3	<2	4.00	Δ.5	8	8	1085	1.20	20
A0613918		9.04	0.184	0.8	8.32	8	2780	1.4	<2	3.84	Δ.5	6	5	1320	1.30	20
A0613919		7.80	0.150	0.9	8.23	9	2770	1.4	<2	3.75	Δ.5	7	8	1175	1.32	20
A0613920		5.71	0.155	0.8	8.35	8	1890	1.5	<2	4.15	Δ.5	7	8	1230	1.18	20
A0613921		3.38	0.214	1.2	7.33	23	1160	1.1	<2	3.48	Δ.5	12	17	1595	2.51	20
A0613922		8.98	0.138	0.8	8.41	<5	2390	1.4	<2	4.48	Δ.5	4	7	987	1.34	20
A0613923		9.91	0.156	0.8	8.01	5	2440	1.4	4	4.47	Δ.5	7	8	1045	1.32	20
A0613924		9.20	0.153	0.8	8.12	5	2190	1.5	2	4.48	Δ.5	5	8	1005	1.17	20
A0613925		9.70	0.141	0.5	8.75	6	2550	1.5	2	4.88	Δ.5	5	7	972	1.51	20
A0613926		0.49	0.005	<0.5	0.09	<5	30	<0.5	<2	33.2	Δ.5	<1	1	5	0.10	<10
A0613927		9.03	0.183	1.0	7.99	8	2230	1.5	<2	4.45	Δ.5	8	8	1410	1.44	20
A0613928		8.57	0.111	4.9	7.84	9	2120	1.5	4	4.83	0.8	5	8	1160	1.71	20
A0613929		7.28	0.128	1.5	7.81	7	2190	1.5	3	5.10	0.7	6	8	1240	1.55	20
A0613930		4.78	0.175	0.9	8.18	8	2150	1.5	<2	4.78	Δ.5	5	8	1270	1.83	20
A0613932		9.59	0.119	0.5	7.78	5	1920	1.5	2	4.88	Δ.5	6	7	918	1.88	20
A0613933		10.28	0.457	1.5	7.46	5	1500	1.3	<2	4.58	Δ.5	13	17	2930	3.43	20

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 North Vancouver BC V7H 0A7  
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Project: Casino

**CERTIFICATE OF ANALYSIS WH19194470**

Sample Description	Method Analyte Units LOD	ME-ICP61 K % 0.01	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Tl % 0.01
A0613913		2.31	10	0.48	121	59	2.70	3	410	18	0.38	5	6	604	<20	0.17
A0613914		2.37	10	0.82	129	67	2.35	2	470	20	0.29	<5	8	548	<20	0.21
A0613915		2.32	10	0.50	121	92	2.50	2	440	24	0.41	<5	7	610	<20	0.20
A0613916		1.89	10	1.09	1385	167	1.83	23	640	31	0.35	40	10	434	<20	0.21
A0613917		2.53	10	0.39	107	148	2.34	2	430	17	0.35	<5	6	544	<20	0.18
A0613918		2.70	10	0.47	122	124	2.70	2	420	19	0.43	<5	7	558	<20	0.18
A0613919		2.62	10	0.63	131	82	2.88	2	440	31	0.59	9	7	554	<20	0.19
A0613920		2.54	10	0.54	118	54	2.91	3	420	27	1.22	5	7	537	<20	0.18
A0613921		2.39	20	1.24	161	81	1.97	5	750	41	1.98	<5	18	309	<20	0.27
A0613922		2.21	10	0.46	129	78	2.58	2	460	29	0.58	<5	8	600	<20	0.20
A0613923		2.25	10	0.49	119	48	2.60	3	450	23	0.78	<5	6	579	<20	0.19
A0613924		2.31	10	0.48	118	31	2.57	1	430	20	0.88	8	6	559	<20	0.17
A0613925		2.30	10	0.62	128	61	2.49	2	470	16	0.97	9	7	602	<20	0.21
A0613926		0.02	<10	2.30	100	<1	0.03	<1	80	4	0.01	<5	<1	82	<20	0.01
A0613927		2.61	10	0.65	131	162	2.11	1	410	32	1.34	<5	6	540	<20	0.18
A0613928		2.22	10	0.68	157	75	2.26	<1	440	24	1.07	18	6	522	<20	0.22
A0613929		2.28	10	0.46	213	43	2.08	<1	520	41	1.10	<5	5	595	<20	0.22
A0613930		2.21	10	0.66	181	73	2.38	<1	490	16	0.87	<5	6	524	<20	0.24
A0613932		1.92	10	0.73	136	37	2.62	<1	530	15	1.26	<5	8	548	<20	0.23
A0613933		2.07	20	1.52	218	116	1.71	3	730	15	1.50	<5	16	460	<20	0.35

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**CERTIFICATE OF ANALYSIS WH19194470**

Sample Description	Method Analyte Units LOD	ME-ICP61 Ti ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2	Ag-OC62 Ag ppm 1	Cu-OC62 Cu % 0.001
A0613913		<10	<10	51	<10	28		0.144
A0613914		<10	<10	58	<10	28		0.118
A0613915		<10	<10	53	<10	31		0.118
A0613916		<10	<10	88	10	88	15	0.188
A0613917		<10	<10	54	<10	21		0.111
A0613918		<10	<10	57	<10	27		0.138
A0613919		<10	<10	59	<10	39		0.123
A0613920		<10	<10	54	10	33		0.123
A0613921		<10	<10	125	10	48		0.165
A0613922		<10	<10	53	10	41		
A0613923		10	<10	56	<10	27		0.107
A0613924		<10	<10	55	10	24		0.101
A0613925		<10	<10	84	10	24		
A0613926		<10	<10	1	<10	4		
A0613927		<10	<10	62	10	32		0.144
A0613928		<10	10	88	<10	82		0.115
A0613929		<10	10	88	<10	88		0.127
A0613930		<10	10	79	<10	30		0.125
A0613932		<10	10	81	<10	30		
A0613933		<10	<10	145	<10	38		0.281

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**CERTIFICATE OF ANALYSIS WH19194470**

**CERTIFICATE COMMENTS**

**LABORATORY ADDRESSES**

Applies to Method:

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

CRU-31  
PUL-31

CRU-QC  
PUL-QC

LOG-21  
SPL-21

LOG-23  
WEI-21

Applies to Method:

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Ag-OG62  
ME-OG62

Au-AA23

Cu-OG62

ME-ICP61

