



OSISKO MINING INC.

MANAGEMENT'S DISCUSSION AND ANALYSIS

FOR THE THREE AND SIX-MONTH PERIODS ENDED JUNE 30, 2017 and 2016



This discussion and analysis (this "MD&A") is management's assessment of the results and financial condition of Osisko Mining Inc. ("Osisko" or the "Corporation") and should be read in conjunction with the Corporation's unaudited condensed interim consolidated financial statements ("interim financial statements") for the six-month periods ended June 30, 2017 and 2016 and the notes thereto. The financial statements have been prepared in accordance with International Financial Reporting Standards ("IFRS") as issued by the International Accounting Standards Board, applicable to the preparation of interim financial statements in accordance with IAS 34, Interim Financial Reporting. This MD&A and the related financial statements are available under the Corporation's issuer profile on SEDAR at www.sedar.com and on the Corporation's website at www.osiskomining.com and should be read in conjunction with the audited consolidated financial statements for the years ended December 2016 and 2015.

Management is responsible for the preparation of the interim financial statements and this MD&A. The interim financial statements have been prepared in accordance with IFRS as issued by the International Accounting Standards Board. All dollar figures in this MD&A are expressed in Canadian dollars, unless stated otherwise.

Information relating to Marban Block Project is supported by the technical report titled "Updated Mineral Resource Technical Report, Marban Block Project, Québec, Canada" dated August 15, 2013 with an effective date of June 1, 2013 prepared by or under the supervision of Michael M. Gustin, Ph.D., CPG, of Mine Development Associates and Peter Ronning, P.Eng, of New Caledonian Geological Consulting (the "Marban Block Technical Report"). Reference should be made to the full text of the Marban Block Technical Report, which has been filed with Canadian securities regulatory authorities pursuant to National Instrument 43-101 – *Standards of Disclosure for Mineral Projects* ("NI 43-101") and is available for review under issuer profile of Niogold Mining Corp. ("Niogold") on SEDAR at www.sedar.com.

Mr. Elzéar Belzile, Eng. of Belzile Solutions Inc. (global resource estimate) is an independent "qualified person" (as defined in NI 43-101), responsible for the technical information reported herein, including verification of the data disclosed. Mr. Thomas L. Dyer, P.E. of Mine Development Associates is also an independent "qualified person" (as defined in NI 43-101) and is responsible for Whittle pit optimizations for the Marban Block Project.

Mr. Mathieu Savard, B.Sc., P.Geo. Vice President of Exploration Québec, is the "qualified person" (as defined in NI 43-101) and has reviewed and approved the technical information in this MD&A with respect to all the Corporation's properties in Quebec including the Windfall Lake Property and the Marban Block Project.

Mr. Gernot Wober, P.Geo. Vice President of Exploration Canada, is the "qualified person" (as defined in NI 43-101) and has reviewed and approved the technical information in this MD&A with respect to all the Corporation's properties in Ontario including the Garrison Project.

This MD&A contains forward-looking statements and should be read in conjunction with the risk factors described in the "Risks and uncertainties" and "Cautionary statement on forward-looking information" sections at the end of this MD&A.

This MD&A has been prepared as of August 9, 2017.



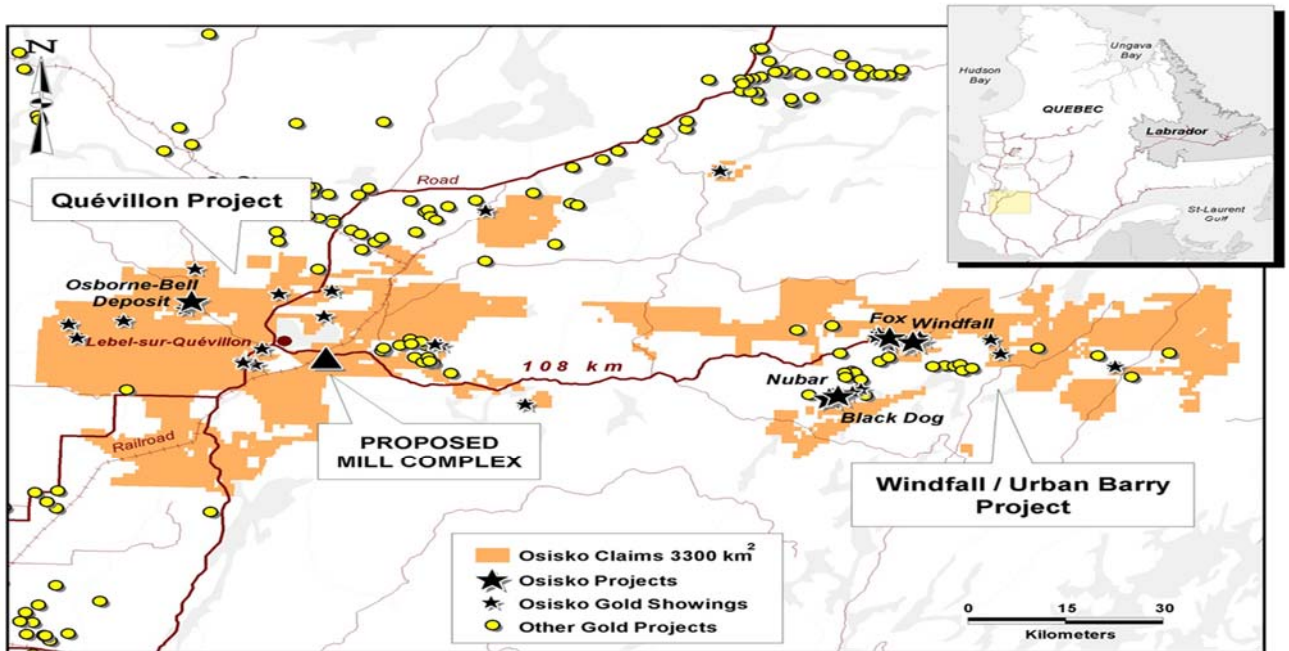
DESCRIPTION OF BUSINESS

The Corporation was incorporated on February 26, 2010, under the *Business Corporations Act* (Ontario) (the "OBCA"). The Corporation's focus is the exploration and development of precious metals resource properties in Canada. Currently, the Corporation is exploring in Ontario and Québec, and looking for new opportunities.

UPDATES DURING THE THREE-MONTH PERIOD AND SUBSEQUENT TO THE THREE-MONTH PERIOD

Corporate Development and Acquisitions:

- On July 14, 2017, Osisko announced that it is a participating sponsor in the search for and recovery of nine Avro Arrow free flight models launched over Lake Ontario in series of tests during 1954 - 1957. The models are one-eighth scale replicas of the famed flying jet, and were part of the final flight design test work done prior to the production of the CF-105 Arrow. The goal of the search is to discover the resting place of the nine models, recover and ultimately house them at the Canada Aviation and Space Museum in Ottawa and the National Air Force Museum of Canada in Trenton, Ontario.
- On June 6, 2017, Osisko announced that it has filed the Project Description with the federal government (Canadian Environmental Assessment Agency or "CEAA") and the Preliminary Project Information with the Québec government (Ministère du Développement durable, de l'Environnement et de la Lutte contre les changements climatiques or "MDDELCC") for the Windfall Lake project. The Project Description report is available at www.osiskomining.com. Following review of both documents, CEAA and MDDELCC will provide Osisko with guidelines for executing the project impact assessment.
- On April 12, 2017, Osisko announced that it has identified a site (the "Site") covering approximately four square kilometres for the potential construction of a mill complex that would process mineralized material from the Windfall Lake deposit. The Site is located near an existing industrial property (the former Domtar Corporation pulp and paper mill) in Lebel-sur-Quévillon, Québec. Osisko intends to evaluate the Site location through the environmental assessment process and in the preparation of a feasibility study for the Windfall Lake gold project. The Site is located 11 kilometres from Lebel-sur-Quévillon and 103 kilometres via existing all-weather gravel road networks from the Windfall Lake deposit, and is adjacent to a Hydro Québec electric substation and a water pumping station. The Site is located on Crown land immediately southeast of the municipal limit of Lebel-sur-Quévillon. Osisko holds the mineral exploration titles under the Site.



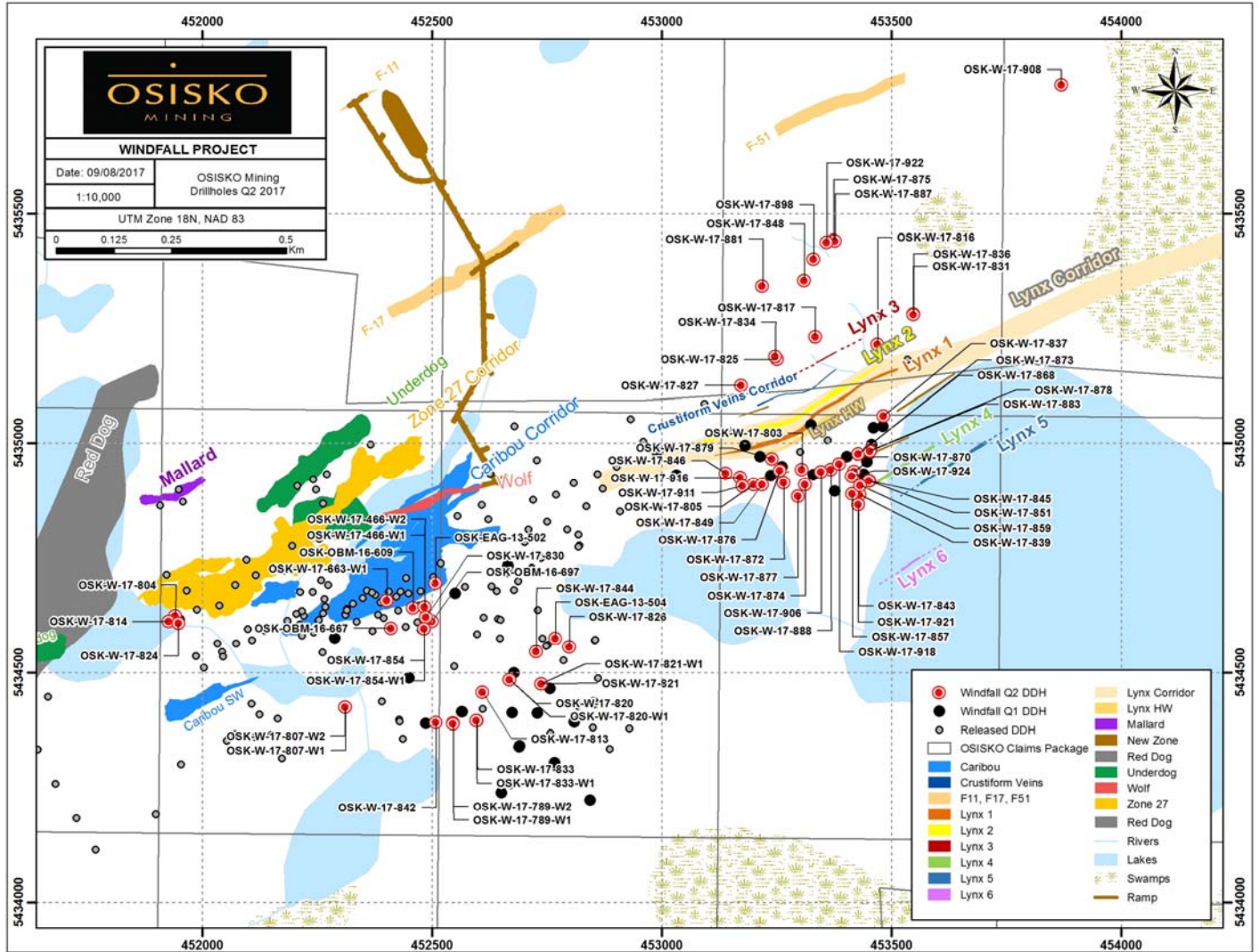
Financings:

- On April 27, 2017, Osisko announced that it has completed a private placement, which was announced on April 18, 2017, with a syndicate of underwriters led by Canaccord Genuity Corp. and Eight Capital, whereby the underwriters have purchased, on a "bought deal" basis, 700,000 flow-through common shares of the Corporation ("Flow-Through Shares") at a price of \$7.15 per Flow-Through Share for gross proceeds of \$5,005,000.

Exploration Highlights:

a) Windfall Lake and Urban Barry Properties

The Corporation announced the following results from the ongoing drill program at its 100% owned Windfall Lake, Black Dog and Urban Barry Projects located in the Urban Township, Québec in the following table and map below:



Above is a map of the material drill holes that were completed in the three-month period ended June 30, 2017 on the Windfall Lake.

Hole No.	From (m)	To (m)	Interval (m)	Au (g/t) uncut	Au (g/t) cut to 100 g/t	Zone	Corridor
OSK-W-17-789-W1	1004.1	1006.7	2.6	14.6		FW3	Underdog
<i>Including</i>	1005.2	1006	0.8	34.3			
OSK-W-17-807-W1	907	916.4	9.4	9.01		FW3	Underdog
<i>Including</i>	913.3	915.7	2.4	20.7			
OSK-W-17-466-W1	736	738.4	2.4	8.38		FW3U	Underdog
<i>Including</i>	737.5	738.4	0.9	20.3			
OSK-W-17-466-W2	721	723	2	26.6		FW3U	Underdog



Hole No.	From (m)	To (m)	Interval (m)	Au (g/t) uncut	Au (g/t) cut to 100 g/t	Zone	Corridor
<i>Including</i>	721.3	722.3	1	51.5			
OSK-W-17-803	372	374.3	2.3	6.38		VNCR	Lynx
OSK-W-17-825	274	276.2	2.2	6.88		Lynx 1	Lynx
<i>Including</i>	274.8	275.2	0.4	21.6			
	280.5	283.9	3.4	23.8		Lynx 1	Lynx
<i>Including</i>	280.5	281.3	0.8	92.1			
	289.8	292.5	2.7	5.27		Lynx 1	Lynx
OSK-W-17-831	457.7	460	2.3	4.61		Lynx 1	Lynx
OSK-W-17-834	277.6	280	2.4	16.6		Lynx 2	Lynx
OSK-W-17-836	307.2	309.7	2.5	18.5		New	Lynx
<i>Including</i>	307.2	307.7	0.5	85.2			
OSK-W-17-837	207	210.4	3.4	43.9	35.5	Lynx 1 HW	Lynx
<i>Including</i>	210	210.4	0.4	172	100		
	285.8	291.2	5.4	16.8		Lynx 1	Lynx
<i>Including</i>	285.8	287.2	1.4	45.7			
	320	324.7	4.7	42.4		Lynx 2	Lynx
<i>Including</i>	321.6	322.5	0.9	95.3		Lynx 2	Lynx
<i>Including</i>	324	324.7	0.7	78		Lynx 2	Lynx
OSK-W-17-804	69.5	71.5	2	3.59		Z27 HW	Zone 27
<i>Including</i>	69.5	69.8	0.3	19.1			
OSK-W-17-824	150.9	152.9	2	3.28		Z27-1	Zone 27
OSK-W-17-813	522.8	525	2.2	4.16		CS1	Caribou
OSK-W-17-823	486.9	494	7.1	13.5		CS1 HW	Caribou
<i>Including</i>	490	492	2	37.7			
	552.2	554.3	2.1	5.43		CS1 FW	Caribou
OSK-W-17-823-W1	503	508.4	5.4	8.05		CS1 HW	Caribou
<i>Including</i>	507.1	508.4	1.3	23.8			
	535	537.4	2.4	18.6		CS1	Caribou
<i>Including</i>	535	536	1	43.9			
OSK-EAG-13-502	695.5	698.2	2.7	37.9	31.6	FW3U	Underdog
<i>Including</i>	696.1	696.6	0.5	134	100		
OSK-W-17-466-W1	718.8	724	5.2	8.52		FW3U	Underdog
<i>Including</i>	718.8	719.8	1	35.7			
OSK-W-17-827	255	258	3	14.6		Lynx 1 FW	Lynx
	354	356.5	2.5	7.51		Lynx 1 HW	Lynx
<i>Including</i>	354	355.5	1.5	12.4			
OSK-W-17-836	868	870.4	2.4	116	46.4	Lynx 5	Lynx



Hole No.	From (m)	To (m)	Interval (m)	Au (g/t) uncut	Au (g/t) cut to 100 g/t	Zone	Corridor
<i>Including</i>	869.3	870.4	1.1	253	100		
OSK-W-17-837	320	328.4	8.4	97.4	33.7	Lynx 2	Lynx
<i>Including</i>	320.7	322.8	2.1	65			
<i>and</i>	324.7	325.4	0.7	865	100		
	335.9	339	3.1	5.77		VNCR	Lynx
OSK-W-17-814	118.5	120.5	2	189	25.1	Z27 1	Zone 27
<i>Including</i>	120	120.5	0.5	756	100		
OSK-W-17-844	520.8	523.6	2.8	11.6		CS3	Caribou
<i>Including</i>	521.7	522.6	0.9	33.7			
OSK-W-17-854	369	371.9	2.9	9.07		CN2	Caribou
<i>Including</i>	370.5	371	0.5	33			
OSK-OBM-16-697	799	801.1	2.1	15.3		FW3U	Underdog
<i>Including</i>	800.3	801.1	0.8	40.1			
	804.1	806.7	2.6	29.1		FW3U	Underdog
<i>Including</i>	804.1	804.7	0.6	90.1			
OSK-W-17-663-W1	648	650	2	4.64		FW3U	Underdog
OSK-W-17-807-W2	868.5	870.5	2	7.15			Underdog
OSK-W-17-821	1174.5	1177.8	3.3	9.27		FW3	Underdog
<i>Including</i>	1176.6	1177.8	1.2	21			
OSK-W-17-805	225.5	230.5	5	12.4		Lynx 2	Lynx
<i>Including</i>	227.4	230.5	3.1	17.7			
<i>Including</i>	230	230.5	0.5	64.6			
OSK-W-17-816	192.5	194.5	2	9.46		Lynx 1 HW	Lynx
<i>Including</i>	192.5	193.5	1	18.7			
OSK-W-17-827	160	162.1	2.1	22.5		Lynx 3	Lynx
<i>Including</i>	160	161.5	1.5	30			
OSK-W-17-837	343.7	346.6	2.9	15.6		VNCR	Lynx
OSK-W-17-839	310	312.1	2.1	10.5		Lynx HW	Lynx
<i>Including</i>	310.8	311.7	0.9	17.9			
OSK-EAG-13-504	746.9	749.9	3	15.9		Wolf	Caribou
	753	755.1	2.1	4.22			
OSK-OBM-16-667	660.5	669	8.5	12.5		FW3	Underdog
<i>Including</i>	663	665	2	37.4			
<i>Including</i>	663	664.2	1.2	50.1			
OSK-W-17-789-W2	882	884.3	2.3	5		FW1	Underdog
	906.5	909.2	2.7	4.79		FW1 FW	
	1014	1017	3	8.03		Z2	



Hole No.	From (m)	To (m)	Interval (m)	Au (g/t) uncut	Au (g/t) cut to 100 g/t	Zone	Corridor
OSK-W-17-807-W2	1070.5	1072.5	2	4.29		Underdog	Underdog
<i>Including</i>	<i>1070.5</i>	<i>1071.5</i>	<i>1</i>	<i>8.2</i>			
OSK-W-17-821	975.1	977.3	2.2	5.25		FW0 FW	Underdog
<i>Including</i>	<i>976.1</i>	<i>976.7</i>	<i>0.6</i>	<i>15.4</i>			
OSK-W-17-826	937	939	2	3.79		FW0	Underdog
	1316.6	1319	2.4	16		Z14 FW	
<i>Including</i>	<i>1317.2</i>	<i>1319</i>	<i>1.8</i>	<i>21.3</i>			
OSK-W-17-817	594	596	2	13.3		New	Lynx
OSK-W-17-827	469	472	3	3.63		New	Lynx
OSK-W-17-836	210	214.5	4.5	4.56		Lynx 1 HW	Lynx
	219.9	222	2.1	5.49		Lynx 1 HW	Lynx
	382.4	384.7	2.3	20.7	14.8	New	Lynx
<i>Including</i>	<i>382.4</i>	<i>382.7</i>	<i>0.3</i>	<i>146</i>	<i>100</i>		
	890.1	892.7	2.6	16.3		New	Lynx
<i>Including</i>	<i>890.1</i>	<i>890.6</i>	<i>0.5</i>	<i>75.9</i>			
OSK-W-17-839	319.7	328	8.3	6.6		Lynx 1	Lynx
OSK-W-17-846	95	97	2	113	75.1	Lynx 1	Lynx
<i>Including</i>	<i>95.5</i>	<i>97</i>	<i>1.5</i>	<i>151</i>	<i>100</i>		
OSK-W-17-848	348	350.6	2.6	8.43		Lynx 2	Lynx
<i>Including</i>	<i>348</i>	<i>348.9</i>	<i>0.9</i>	<i>21.3</i>			
	486.5	488.5	2	3.11		New	Lynx
	490.5	492.8	2.3	6.21		New	Lynx
<i>Including</i>	<i>491.3</i>	<i>492.2</i>	<i>0.9</i>	<i>15.1</i>			
OSK-W-17-849	190	192	2	7.1		Lynx 2	Lynx
OSK-W-17-851	249	251	2	3.04		Lynx 1 HW	Lynx
	340	343	3	8.02		Lynx 2	Lynx
	348	350	2	131	100	VNCR	Lynx
OSK-W-17-857	252	254	2	27.4		Lynx 1 HW	Lynx
<i>Including</i>	<i>253.1</i>	<i>253.6</i>	<i>0.5</i>	<i>95</i>			
	348	350.9	2.9	30		Vein	Lynx
<i>Including</i>	<i>349.2</i>	<i>350.9</i>	<i>1.7</i>	<i>50.8</i>			
OSK-W-17-859	307	309	2	5.66		Lynx 1	Lynx
	380.5	382.7	2.2	73.5	29.1	VNCR	Lynx
<i>Including</i>	<i>381.4</i>	<i>382</i>	<i>0.6</i>	<i>263</i>	<i>100</i>		
	390.6	393.4	2.8	10.3		VNCR	Lynx
<i>Including</i>	<i>390.6</i>	<i>391.5</i>	<i>0.9</i>	<i>27.3</i>			
OSK-W-17-868	199.8	202	2.2	9.77		Lynx 1 HW	Lynx



Hole No.	From (m)	To (m)	Interval (m)	Au (g/t) uncut	Au (g/t) cut to 100 g/t	Zone	Corridor
	221	223	2	26.7		Lynx 1 HW	Lynx
	301	303.5	2.5	12.3		Lynx 2	Lynx
OSK-W-17-870	210.4	213.1	2.7	25.7		Lynx 1 HW	Lynx
OSK-W-17-872	194.7	197.4	2.7	4.27		VNCR	Lynx
OSK-W-17-873	242	246.9	4.9	10.7		Lynx 1	Lynx
	269	271.6	2.6	10		Lynx 2	Lynx
OSK-W-17-874	168	170	2	7.03		Lynx 1	Lynx
OSK-W-17-876	210	212	2	25.9	15.3	Lynx 3	Lynx
<i>Including</i>	210.6	210.9	0.3	171	100		
OSK-W-17-878	287	302.7	15.7	5.32		Lynx 2	Lynx
OSK-OBM-16-609	635	637	2	3.07		FW3U HW	Underdog
OSK-W-17-789-W1	1119.8	1122	2.2	16.4		Z14-2	Underdog
<i>Including</i>	1120.4	1121.2	0.8	44.1			
OSK-W-17-789-W2	801	803	2	13.2		New	Underdog
	1152.1	1155.2	3.1	25.6		Z14-2	Underdog
<i>Including</i>	1152.1	1152.7	0.6	44			
<i>Including</i>	1154.5	1155.2	0.7	67.9			
	1163	1165.7	2.7	5.62		Z14-2	Underdog
OSK-W-17-820	976.3	982.6	6.3	5.79		FW0 FW	Underdog
<i>Including</i>	982.1	982.6	0.5	28.7			
OSK-W-17-820-W1	876.1	881.3	5.2	3.25		FW0	Underdog
	981.8	985	3.2	21.6		FW0 FW	Underdog
<i>Including</i>	981.8	983.4	1.6	40.4			
OSK-W-17-821-W1	865	867	2	7.31		FW0 HW	Underdog
<i>Including</i>	865.7	866	0.3	44.3			
	1110	1141	31	24.9	16.4	FW1	Underdog
	1144	1150	6	10.5		FW1	Underdog
	1158	1180	22	5.33		FW1	Underdog
<i>Including</i>	1175.6	1176.3	0.7	29.3			
<i>Including</i>	1178	1179	1	19.5			
	1192	1194	2	3.35		FW1	Underdog
	1202.8	1207	4.2	5.65		FW1 FW	Underdog
<i>Including</i>	1202.8	1203.1	0.3	48			
	1219.4	1223	3.6	15.4		New	Underdog
<i>Including</i>	1222.2	1223	0.8	40.8			
	1278	1285	7	3.84		New	Underdog
<i>Including</i>	1278	1279	1	9.58			



Hole No.	From (m)	To (m)	Interval (m)	Au (g/t) uncut	Au (g/t) cut to 100 g/t	Zone	Corridor
<i>Including</i>	1284	1285	1	9.62			
OSK-W-17-826	1204	1206.2	2.2	9.26		Z14-2	Underdog
<i>Including</i>	1205.6	1206.2	0.6	24.7			
	1246.8	1250	3.2	4.61		Z14 HW	Underdog
	1298	1300.2	2.2	4.67		Z14	Underdog
	1308.3	1310.6	2.3	3.37		Z14 FW	Underdog
<i>Including</i>	1309	1309.6	0.6	12.4			
OSK-W-17-830	670.5	673.5	3	3.59		FW3U HW	Underdog
OSK-W-17-833	1086	1088.5	2.5	8.94		Z14	Underdog
	1125	1127.4	2.4	8.97		Z14 FW	Underdog
<i>Including</i>	1125	1126.1	1.1	17.1			
OSK-W-17-833-W1	853.7	857.7	4	11.8		FW1 HW	Underdog
	862	864	2	5.79		New	Underdog
OSK-W-17-842	923.7	925.8	2.1	4.01		FW1	Underdog
OSK-W-17-844	954.8	957.6	2.8	56.9	35.5	FW3	Underdog
<i>Including</i>	957.1	957.6	0.5	220	100		
OSK-W-17-854-W1	800.5	803.3	2.8	4.65		FW3U	Underdog
OSK-W-17-827	664.3	667	2.7	57	50.1	Lynx 4	Lynx
<i>Including</i>	666	667	1	119	100		
OSK-W-17-843	450.4	452.8	2.4	5.93		VNCR	Lynx
<i>Including</i>	450.4	451.1	0.7	19			
OSK-W-17-845	316.2	318.2	2	10.7		Lynx 1	Lynx
<i>Including</i>	316.7	317.5	0.8	26.3			
OSK-W-17-857	361.5	364.2	2.7	159	17	VNCR	Lynx
<i>Including</i>	363.8	364.2	0.4	1060	100		
OSK-W-17-870	230.9	233.7	2.8	18.9		Lynx 1	Lynx
<i>Including</i>	230.9	231.6	0.7	69			
OSK-W-17-873	327	329.5	2.5	4.29		VNCR	Lynx
<i>Including</i>	328	328.6	0.6	12.4			
OSK-W-17-875	851	853	2	13.7		Vein	Lynx
<i>Including</i>	852	853	1	27.3			
OSK-W-17-877	308	310.3	2.3	57.8		VNCR	Lynx
OSK-W-17-878	234.2	236.4	2.2	14.6		VNCR	Lynx
<i>Including</i>	235.8	236.4	0.6	51.5			
	364	366	2	16.8		VNCR	Lynx
<i>Including</i>	364.3	365.3	1	33.2			
OSK-W-17-879	108.1	110.4	2.3	52.8		Lynx 2	Lynx



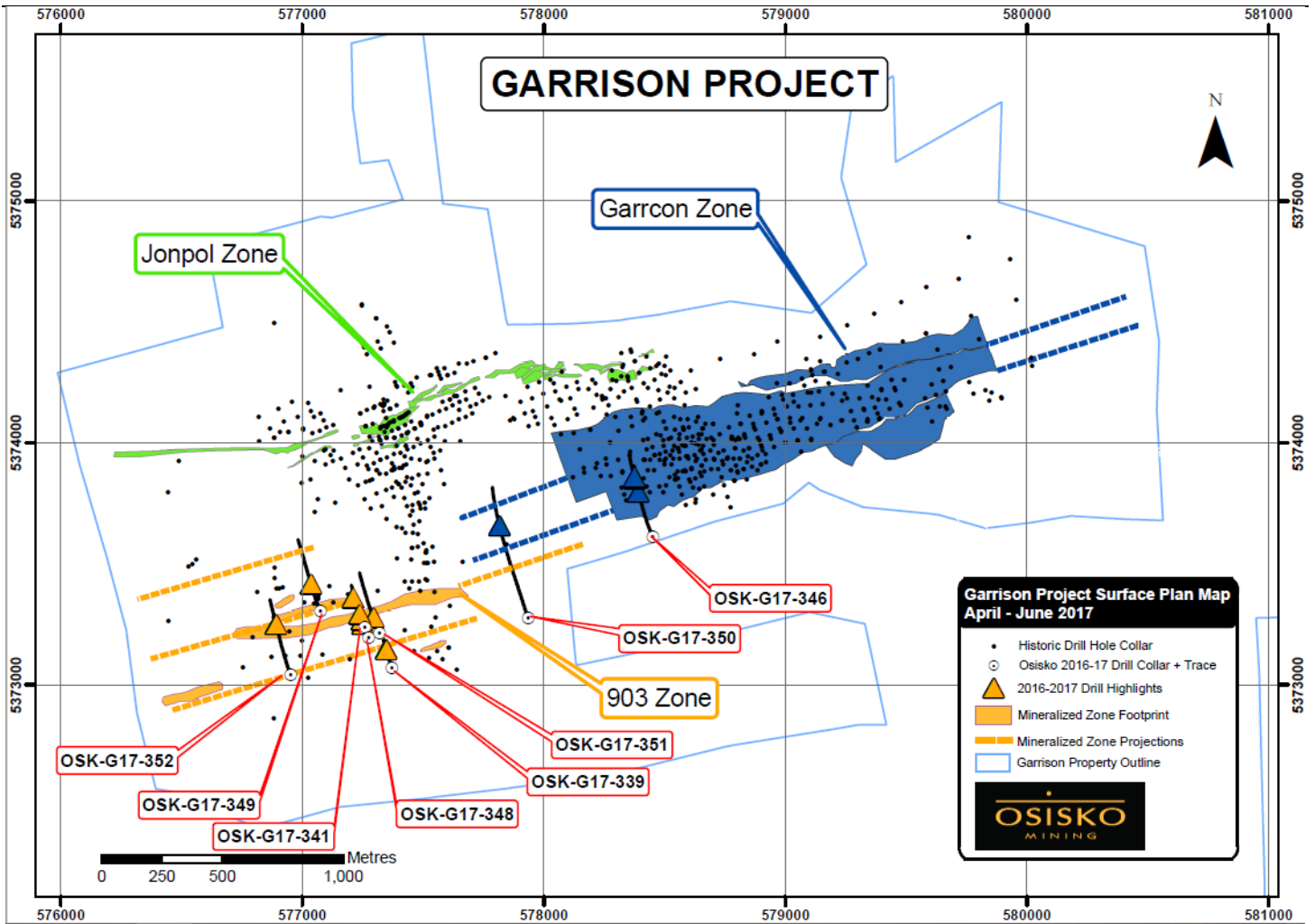
Hole No.	From (m)	To (m)	Interval (m)	Au (g/t) uncut	Au (g/t) cut to 100 g/t	Zone	Corridor
<i>Including</i>	108.6	109.4	0.8	96.2			
	115.8	117.8	2	14.5		Lynx 2	Lynx
<i>Including</i>	115.8	116.8	1	28.3			
OSK-W-17-881	732.7	734.8	2.1	4.7		VNCR	Lynx
<i>Including</i>	733.3	733.9	0.6	14.2			
OSK-W-17-883	254	256	2	12.4		Lynx 1 + Lynx 2	Lynx
<i>Including</i>	254.9	255.4	0.5	36.8			
	259	261	2	7.52		Lynx 1 + Lynx 2	Lynx
<i>Including</i>	259.7	260	0.3	44.4			
	274.5	276.5	2	18.6		Lynx 2	Lynx
<i>Including</i>	275.5	276.5	1	32.5			
OSK-W-17-887	492	494.6	2.6	24.3		VNCR	Lynx
<i>Including</i>	492.9	493.5	0.6	91.6			
OSK-W-17-888	238.3	240	1.7	23.7		Lynx 2	Lynx
<i>Including</i>	238.3	238.8	0.5	65.3			
OSK-W-17-895	221	225	4	9.81		Lynx 2	Lynx
<i>Including</i>	221	222	1	34.7			
OSK-W-17-898	411	413.5	2.5	12.2		Lynx 2	Lynx
	449.7	452	2.3	17.3		Lynx 1	Lynx
OSK-W-17-906	279	280	1	8.37		Lynx 2 FW	Lynx
OSK-W-17-916	108	111.5	3.5	14.3		Lynx HW	Lynx
<i>Including</i>	108	108.5	0.5	75.1			
OSK-W-17-924	278.4	280.7	2.3	12.5		Lynx 2	Lynx
OSK-W-17-827	779.0	781.0	2.0	12.7			
<i>Including</i>	780.0	781.0	1.0	25.0			
OSK-W-17-868	272.0	277.4	5.4	5.54		Lynx 1	Lynx
<i>Including</i>	272.0	274.3	2.3	10.0			
	381.0	383.2	2.2	4.40		VNCR	
OSK-W-17-881	412.0	414.0	2.0	379	30.7	Lynx 2	Lynx
<i>Including</i>	412.7	413.3	0.6	1260			
OSK-W-17-883	353.0	355.2	2.2	3.07		VNCR	Lynx
OSK-W-17-895	221.0	227.5	6.5	8.98		Lynx 2	Lynx
<i>Including</i>	221.0	222.0	1.0	34.7			
<i>Including</i>	227.0	227.5	0.5	37.4			
OSK-W-17-898	429.9	432.9	3.0	23.5		Lynx 2	Lynx
<i>Including</i>	431.2	432.0	0.8	85.2			
OSK-W-17-908	738.4	742.6	4.2	10.6		TBD Lynx Corridor	Lynx



Hole No.	From (m)	To (m)	Interval (m)	Au (g/t) uncut	Au (g/t) cut to 100 g/t	Zone	Corridor
<i>Including</i>	741.0	742.6	1.6	26.6			
	756.0	760.1	4.1	7.34		TBD Lynx Corridor	
<i>Including</i>	756.0	756.4	0.4	15.6			
<i>Including</i>	759.0	760.1	1.1	19.3			
	764.0	766.5	2.5	12.6		TBD Lynx Corridor	
<i>Including</i>	765.5	766.5	1.0	26.7			
OSK-W-17-911	210.8	213.0	2.2	11.1		Lynx 2	Lynx
<i>Including</i>	210.8	211.1	0.3	65.6			
OSK-W-17-918	185.5	187.9	2.4	13.3		Lynx 1	Lynx
<i>Including</i>	186.4	186.7	0.3	100			
OSK-W-17-921	328.6	330.6	2.0	3.05		Lynx 1	Lynx
<i>Including</i>	329.3	329.7	0.4	10.0			
OSK-W-17-922	364.0	366.2	2.2	3.89		New	Lynx
OSK-W-17-924	220.9	227.0	6.1	9.18		Lynx HW	Lynx
<i>Including</i>	220.9	222.0	1.1	29.5			
	233.0	235.0	2.0	9.12		Lynx 1	
<i>Including</i>	233.0	234.0	1.0	15.4			

b) Garrison Property

The Corporation announced the following results from the ongoing 35,000 metre drill program at its 100% owned Garrison Property located in the Garrison Township, Ontario which was designed to further test the known Garrcon, Jonpol and 903 zones.





Hole No.	From (m)	To (m)	Interval (m)	Au (g/t) uncut	Au (g/t) cut to 30 g/t	Zone
OSK-G17-339	109.0	119.0	10.0	1.59		903
OSK-G17-341	40.7	46.3	5.6	2.76		903
	80.5	95.0	14.5	1.69		903
OSK-G17-348	85.5	92.7	7.2	2.93		903
	106.0	113.0	7.0	2.57		903
	248.0	250.0	2.0	20.6	15.2	903
<i>including</i>	<i>249.0</i>	<i>250.0</i>	<i>1.0</i>	<i>40.7</i>	<i>30.0</i>	903
OSK-G17-349	168.3	175.3	7.0	4.72		903
<i>including</i>	<i>169.8</i>	<i>170.8</i>	<i>1.0</i>	<i>15.7</i>		903
OSK-G17-351	101.2	117.0	15.8	1.35		903
	139.6	155.0	15.4	1.12		903
	181.0	188.0	7.0	2.39		903
OSK-G17-352	315.7	321.2	5.5	2.90		903
OSK-G17-346	416.7	419.1	2.4	45.0	12.6	Garrcon
<i>including</i>	<i>418.1</i>	<i>419.1</i>	<i>1.0</i>	<i>108</i>	<i>30.0</i>	Garrcon
	536.0	538.8	2.8	7.66		Garrcon
	550.8	552.8	2.0	6.44		Garrcon
OSK-G17-350	563.0	565.2	2.2	7.93		Garrcon
<i>including</i>	<i>564.1</i>	<i>564.7</i>	<i>0.6</i>	<i>28.6</i>		Garrcon

Notes: True Widths are estimated at 65 – 80% of the reported core length interval. See “Quality Control” below.



Hole Number	Azimuth (°)	Dip (°)	Length (m)	UTM E	UTM N	Section
OSK-G17-329	340	-57	763	578356	5373577	1600W
OSK-G17-333	340	-58	661	578259	5373551	1700W
OSK-G17-338	340	-55	861	577840	5373240	2200W
OSK-G17-339	340	-45	324	577370	5373068	2700W
OSK-G17-341	340	-45	258	577257	5373236	2750W
OSK-G17-343	340	-50	186	577059	5373487	2850W
OSK-G17-344	340	-45	226	577238	5373286	2750W
OSK-G17-346	340	-63	735	578451	5373610	1500W
OSK-G17-337	337	-63	642	578356	5373576	1600W
OSK-G17-340	340	-46	207	577268	5373351	2700W
OSK-G17-347	160	-50	186	576881	5373276	3100W
OSK-G17-348	340	-45	271	577273	5373190	2750W
OSK-G17-349	340	-47	447	577073	5373301	2900W
OSK-G17-350	340	-46	769	577934	5373274	2100W
OSK-G17-351	340	-45	369	577319	5373209	2700W
OSK-G17-352	340	-60	465	576951	5373037	3100W
OSK-G17-353	338	-46	273	577383	5373179	2650W
OSK-G17-355	338	-46	273	577277	5373033	2800W
OSK-G17-356	338	-46	507	577653	5373172	2400W
OSK-G17-357	340	-45	270	577490	5373325	2500W
OSK-G17-359	335	-47	414	577524	5373231	2500W



The full set of drill results are available under the Corporation's issuer profile on SEDAR at www.sedar.com and on the Corporation's website at www.osiskomining.com

Overall Performance:

During the six-month period ended June 30, 2017, the Corporation spent approximately \$43,400,000 on exploration and evaluation assets, mostly on the Windfall Lake and Urban Barry properties, \$2,900,000 on general and administration expenses, and \$3,100,000 on salaries and benefits. During the six-month period ended June 30, 2017, the Corporation has identified a Site for the potential construction of a mill complex and received confirmation from the Québec Ministère du Développement durable, de l'Environnement et de la Lutte contre les changements climatiques ("MDDELCC") of the transfer of the existing certificate of authorization (CA) from a previous operator to Osisko, for the purpose of extracting a bulk sample.

Construction of an underground exploration ramp was commenced at the Windfall deposit in 2007 by a previous operator, which eventually attained a vertical depth of approximately 110 metres and length of approximately 1.2 kilometres, with an additional 230 metres of exploration drifts. The exploration ramp was terminated by the previous operator prior to completion and was allowed to refill with water. Osisko also received approval from the MDDELCC for the mine water treatment system. This certificate of authorization ("CA") allows Osisko to begin dewatering the previously existing ramp in order to conduct advanced exploration, through extending the ramp that was commenced by previous operators. Repair of the water treatment infrastructure was commenced in June and the dewatering process will begin in July and is expected to be completed by mid-August. After the dewatering is complete, the advancement of the exploration ramp will commence of which management expects to have 2,500 metres advanced by June 2018.

The Corporation has four main deposits that contain an aggregate of 3.42 million ounces of global resources in the measured mineral resource and the indicated mineral resource categories and an aggregate of 1.8 million ounces of global resources in the inferred mineral resource category. Additionally, the Corporation has active ongoing drill programs which began in 2016 and will continue into 2017, consisting of approximately 400,000 metres on Windfall Lake and 60,000 metres on Garrison for a combined total drilling campaign of 460,000 metres. Management believes these fundamental elements provide the solid base necessary to build a mining company that will provide growing value to its shareholders over time. Please see the table in "2. Mineral Property Resources" section of this MD&A for the grade and quantity of each category of mineral resources included in the foregoing disclosure.

Exploration Strategy

Osisko is a mineral exploration company focused on the acquisition, exploration, and development of precious metal resource properties in Canada. Osisko's flagship project is the high-grade Windfall Lake gold deposit located between Val-d'Or and Chibougamau in Québec, Canada. Osisko also holds a 100% undivided interest in a large area of claims in the Urban Barry area (70,000 hectares) of Québec, 100% interest in the Garrison project east of Matheson, Ontario, as well as additional projects in the Timmins area of Ontario, the James Bay Labrador area of Québec and the Marban block Properties from the acquisition of NioGold, which is located 15 kilometres west of the town of Val-d'Or in the Abitibi region of Québec, Canada.



1. SUMMARY OF MINERAL PROPERTIES

The Corporation's various gold mineral properties in Canada are summarized below:

Continuing Exploration Properties	Location	Status
Windfall Lake Project	Québec	Owned 100%
Urban Barry Project	Québec	Owned 100%
Black Dog Project (Souart)	Québec	Owned 100%
Quévillon	Québec	Owned 100%
Catherine Fault – Ogima Project	Ontario	Claims under option
Garrison – Garrcon Project	Ontario	Owned 100%
Garrison – Buffonta Project	Ontario	Owned 100%
Garrison – Jonpol Project	Ontario	Owned 100%
Garrison – Gold Pike Project	Ontario	Owned 60%
Marban Block Project	Québec	Owned 100%
Malartic Block Project	Québec	Owned 100%
Siscoe East Project	Québec	Owned 50%
Héva Project	Québec	Owned 100%
Kan Project – James Bay	Québec	Earn-in
Éléonore Regional – James Bay	Québec	Earn-in
Éléonore JV – James Bay	Québec	Earn-in
Other – James Bay	Québec	Earn-in
Swayze Project	Ontario	Owned 100%
DeSantis Project	Ontario	Owned 100%



2. MINERAL RESOURCES

The Corporation's global mineral resources are summarized below:

CATEGORY	TONNES (MT)	AU GRADE (G/T)	AU (M OZ)
MEASURED			
MARBAN ⁽²⁾	7.7	1.48	0.37
GARRISON	15.1	1.07	0.52
	22.8	1.21	0.88
INDICATED			
MARBAN ⁽²⁾	30.5	1.25	1.22
WINDFALL	2.8	8.42	0.75
GARRISON	15.0	1.40	0.68
	48.2	1.71	2.65
TOTAL M&I			
MARBAN ⁽²⁾	38.2	1.29	1.59
WINDFALL	2.8	8.42	0.75
GARRISON	30.1	1.24	1.20
	71.0	1.55	3.53
INFERRED			
MARBAN ⁽²⁾	4.1	1.47	0.20
WINDFALL	3.5	7.62	0.86
GARRISON	7.9	3.19	0.81
	15.5	3.73	1.86

1. See "Cautionary Statements Regarding Technical Information – Mineral Resources".
2. Global mineral inventories are not pit-constrained.

Note: Inferred resources have a great amount of uncertainty as to their existence and as to whether they can be mined legally or economically. It cannot be assumed that all or any part of the inferred resources will ever be upgraded to a higher category. Mineral resources are not mineral reserves and do not have demonstrated economic viability.

3. MINERAL PROPERTY ACTIVITIES

3.1 Urban Barry

As of June 30, 2017, the Corporation had staked claims in the Urban Barry area of Québec. The exploration expenditures on the property were for the cost of staking the land and data compilation. In order to maintain the claims, the Corporation was required to spend \$1,505,000 within two years from the date of staking of which has been spent as of June 30, 2017. During the six-month period ended June 30, 2017, drilling continued on this area using four rigs to test the identified anomalies identified in the surveys and till sampling programs.

i) Windfall Lake Property

The Corporation acquired the Windfall Lake Property through the Corporation's acquisition of Eagle Hill Exploration Corporation ("Eagle Hill") which was completed on August 25, 2015. The Windfall Lake Property is 100% owned by the Corporation and covers approximately 12,400 hectares in the prolific Abitibi Greenstone Belt in Québec, Canada. The property consists of 285 contiguous mining claims.



The majority of the property is subject to the following residual net smelter royalties (“NSR”):

Location	Approximate Area	NSR	Buyback Option
Centre of property, hosting the majority of the mineral resource	3,151 acres (1,275 ha)	1.5% ⁽¹⁾	Buyback 1% NSR for \$1,000,000
North of the majority of the mineral resource, hosting small portion of the mineral resource	2,342 acres (948 ha)	1%	Buyback 1% NSR for \$1,000,000 (\$500,000 for each 0.5% NSR)
Northern part of property	19,531 acres (7,904 ha)	2%	Buyback 2% NSR for \$1,000,000 (\$500,000 for each 1% NSR)
Southeast of the mineral resource	706 acres (286 ha)	2%	Buyback 1% NSR for \$500,000
Eastern edge of property	2,507 acres (1,015 ha)	2%	Buyback 1% NSR for \$1,000,000, right of first refusal for remaining 1% NSR

Note:

- (1) In 2015, Osisko Gold Royalties Ltd (“Osisko GR”) was granted a right to acquire 1% NSR royalty on all properties held by the Corporation as of August 25, 2015. This right was exercised by Osisko GR in October 2016 for \$5,000,000 and includes a 1% NSR royalty on the Windfall Lake Property. This exercise therefore bringing the total NSR royalty held by Osisko GR on the Windfall Lake Property to 1.5%, including the 0.5% NSR royalty acquired in 2015.

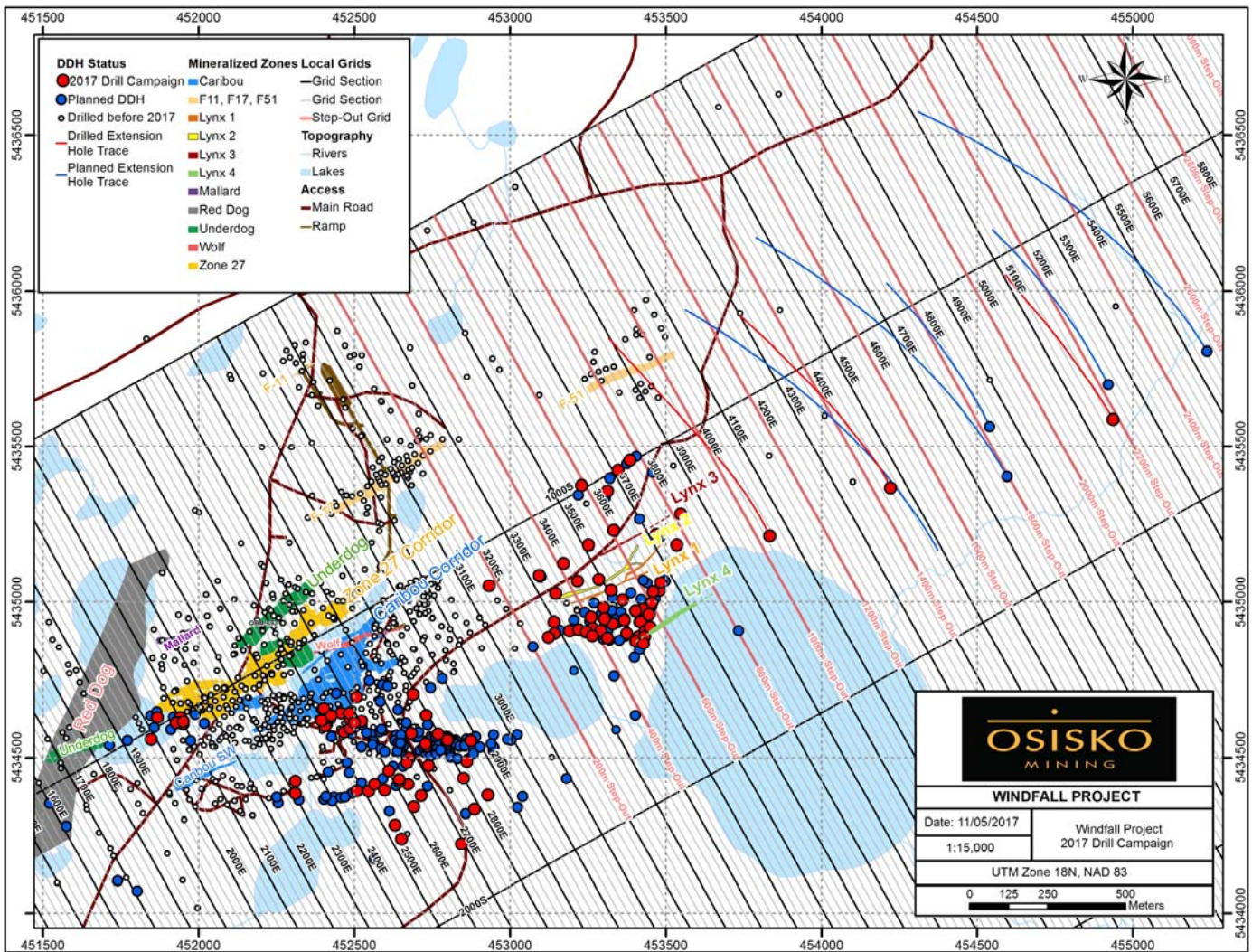
Exploration Activities

The current 400,000 metres of drilling program will assist the Corporation in further exploring and defining the known mineralization within the main deposit area and the recently discovered NE extension area. The Corporation's objective is to maximize the level of information to be included in an anticipated 2017 resource update. Osisko continues to work towards advancing the extension of the ramp into the Windfall deposit, with an outlook of starting underground exploration in the second half of 2017.

The Windfall Camp expansion has also been recently completed, with new accommodations, core logging areas and other facilities for the approximately 200 individuals currently working at site, with an expectation of expanding the capacity of the camp to over 300 occupants. Results to date have provided verification and correlation with historic drilling performed by previous operators on the property. The deposit remains open at depth below the Red Dog intrusion, and is open at both the eastern and western ends. During the quarter ended June 30, 2017, the Corporation drilled 98,883 metres in 208 holes which include both wedges and extensions.

Drilling

The Corporation continues to obtain drill results from its 400,000 metre drill program at Windfall Lake. The Corporation's drill plan map is presented below:



Quality Control

True widths determinations are estimated at 65-80% of the reported core length intervals for most of the zones. Assays are uncut except where indicated. Intercepts occur within geological confines of major zones but have not been correlated to individual vein domains at this time. Reported intervals include minimum weighted averages of 3.0 g/t Au diluted over core lengths of at least 2.0 metres. All NQ core assays reported were obtained by either 1-kilogram screen fire assay or standard 50-gram fire-assaying-AA finish or gravimetric finish at ALS Laboratories in Val d'Or, Québec, Thunder Bay and Sudbury, Ontario or Vancouver, British Columbia or Bureau Veritas in Timmins, Ontario. The 1-kilogram screen assay method is selected by the geologist when samples contain coarse gold or present a higher percentage of pyrite than surrounding intervals. Selected samples are also analyzed for multi-elements, including silver, using an Aqua Regia-ICP-AES method at ALS Laboratories. Drill program design, Quality Assurance/Quality Control ("QA/QC") and interpretation of results is performed by qualified persons employing a QA/QC program consistent with NI 43-101 and industry best practices. Standards and blanks are included with every 20 samples for QA/QC purposes by the Corporation as well as the lab. Approximately 5% of sample pulps are sent to secondary laboratories for check assay.



ii) **Black Dog (formally “Souart”) Property**

The Corporation acquired 100% of the Black Dog Property on February 3, 2016. The property is located in the Urban Barry greenstone belt, in Souart and Barry Townships, Québec. The Corporation issued 500,000 common shares of the Corporation (the “Common Shares”) and a cash payment of \$200,000 in exchange for 100% of the property. The property consists of 33 claims comprising of 1,286 hectares. The Black Dog Property is subject to a 2% NSR which can be purchased at any time for \$2,000,000.

3.2 Quévillon Project

The Corporation acquired ownership over a property package in the Lebel-sur-Quévillon area of Québec in consideration of a cash payment of \$1,000,000 and the issuance of 100,000 shares of the Corporation which closed on April 27, 2017. The Quévillon Project includes approximately thirty known gold showings as well as the historical Osborne-Bell gold deposit, which is located 17 kilometres northwest of the town of Lebel-sur-Quévillon and 112 kilometres west of the Windfall Lake gold deposit. The Osbell deposit has been the object of significant historical drilling over the past fifteen years, and will be the focus of new drilling and resource re-evaluation by Osisko. In addition, the Corporation staked 2,942 claims of a large land package covering 157,000 hectares (157 square kilometres). The land position of the Quévillon area covers volcano-sedimentary Archean greenstones that host a number of known gold showings and porphyry igneous intrusions that are of strong exploration interest to the Corporation.

Exploration Activity

The Corporation completed compilation work over the Quévillon property during the six-month period ended June 30, 2017. The exploration program will include prospecting, drilling and a geophysical survey expected to begin during the third quarter on the property.

3.3 Catherine Fault

i) Ogima Project

On November 28, 2014, the Corporation signed a letter of agreement with a non-related titleholder to acquire the undivided 100% interest of the Cote Property, located in northern Ontario. The definitive option agreement was executed on December 23, 2014, with an option payment of \$60,000 paid on signing, \$75,000 paid on December 23, 2015 and \$85,000 paid on December 23, 2016. Additional option payments of \$100,000 and \$140,000 are due upon the third and fourth anniversary date after signing. The agreement is also subject to a 2% NSR, which can be purchased for \$1,000,000 per 1% NSR.

On February 23, 2015, the Corporation signed an agreement with a non-related corporation to acquire the undivided 100% interest of the Olsen Property, located in northern Ontario, for an aggregate payment of \$50,000, which was completed upon signing. The agreement is also subject to a 1% NSR, which can be purchased for \$500,000 for each of the patented land that conforms the property. Given the geographical location of this project, the Olsen property has been grouped in the Ogima project.

On March 10, 2015, the Corporation signed a purchase agreement with a non-related private individual for 100% of a 64-hectare patent lot referred to as the Roach Property, for a single payment of \$45,000. The patent lot is on the Catharine Township, south of Kirkland Lake with a legal description of PIN 61250-0087, Parcel 3653 SEC NND, N ½ Lot 12 Con 4, Township of Catharine, District of Timiskaming.

Exploration Activity

During the six-month period ended June 30, 2017, minimal exploration activity has been completed on the project.



3.4 Garrison Properties

i) Garrcon Project

The Corporation acquired the Garrcon Project through its acquisition of Northern Gold Mining Inc. ("Northern Gold"), which was completed on December 22, 2015. The Garrcon Project is 100% owned by the Corporation and covers approximately 788 hectares in the prolific Abitibi Greenstone Belt in Ontario, Canada. The property consists of 66 contiguous mining claims. Of the 66 claims, 35 patented mining claims are subject to a 2% NSR. The Corporation can purchase a 50% reduction in the NSR for a payment of \$10,000,000 at any time upon the earlier of May 13, 2017 and the commencement of commercial production. In addition, 12 of the 35 patented claims acquired, are subject to a prior NSR of 1.5% from mineralized material mined above 400 feet vertically, and a 2% NSR from mineralized material mined below that elevation. Additionally, two of the unpatented mining claims are subject to a 1% NSR, of which the Corporation shall have the right to purchase 1.0% for \$250,000. A further single unpatented mining claim is subject to a 1% NSR, of which the Corporation shall have the right to purchase 0.5% for \$250,000. An additional 20 patented claims are subject to a 2% NSR, of which the Corporation has the right and option to purchase 0.5% for \$1,000,000. The vendor retains a back-in right for up to 51% interest in the claims should a resource totaling 4 million ounces be identified on the claims. Such back-in right would trigger a cash reimbursement to the Corporation equal to double the exploration costs incurred since the date of the arrangement. Some of the claims are subject to an additional 1.5% NSR under previous option agreements entered into by the vendor. The remaining eight patented claims are subject to a 1% NSR.

ii) Jonpol Project

The Corporation acquired the Jonpol Project through its acquisition of Northern Gold, which was completed on December 22, 2015. The Jonpol Project is 100% owned and is located on the same property as the Garrcon Project in the prolific Abitibi Greenstone Belt in Ontario, Canada.

iii) Buffonta Project

The Corporation acquired the Buffonta Project through its acquisition of Northern Gold, which was completed on December 22, 2015. The Buffonta Project is 87.5-100% owned and covers approximately 2359 hectares in the prolific Abitibi Greenstone Belt in Ontario, Canada. The property consists of 120 contiguous mining claims. The Buffonta Project is subject to a 3% NSR of which 0.5% can be purchased for \$1,000,000.

iv) Gold Pike Project

The Corporation acquired the Gold Pike Project through its acquisition of Northern Gold, which was completed on December 22, 2015. The Gold Pike Project is 40-60% owned and covers approximately 468 hectares in the prolific Abitibi Greenstone Belt in Ontario, Canada. The property consists of 26 contiguous mining claims. The Gold Pike Project has 10 claims under two separate agreements in which each are subject to a 2% NSR of which 1% can be purchased for \$1,000,000. The property has an annual \$25,000 advance royalty payment.

Exploration Activity

The Corporation has completed its 35,000 metre drill program and plans on additional 25,000 metre of drilling on the Garrcon and Jonpol deposits. To date approximately 58,000 metres have been drilled since acquiring the property. The drill program is designed to increase confidence in the historical resource estimates on the Garrcon and Jonpol deposits, as well as exploring for possible extensions of the known mineralized zones. The current results demonstrate there is good potential to increase the known mineral inventory at Jonpol through continued definition and exploratory drilling, specifically in the depth extensions of the main deposit. Historic drilling at Jonpol was limited to areas from surface to 600 metres depth with much of the drilling targeting above 350 metres depth.



3.5 Marban Block Properties

i) Marban Project

The Corporation acquired the Marban Project through the acquisition of Niogold. The Marban Project is 100% owned and is the result of an amalgamation of the former Marban, First Canadian, Norlartic and Gold Hawk claims. The Marban Block Properties are located about 15 kilometers west of the town of Val-d'Or in the Abitibi region of Québec, Canada and consists of 30 mining claims and 3 mining concessions covering 1,023 hectares.

The Marban claims are subject to a NSR of 1% to 1.5%. The First Canadian claims are subject to a 10% net profits interest. The vendor retained a 0.5% NSR on the Marban claims, a 1% NSR on the First Canadian claims and a 2% NSR on the Norlartic claims. The property also has two mining claims known as the Gold Hawk claims which are subject to a 2% NSR.

Exploration Activity

Minimal exploration work has occurred on the Project during the six-month period ended June 30, 2017.

ii) Malartic Project

The Corporation acquired the Malartic Project through the acquisition of Niogold. The Malartic Project includes the Camflo West, the Malartic Hygrade, the Malartic Hygrade-NSM and the Malartic H Properties. The properties are located to the northeast of the town of Malartic, in the Abitibi region of Québec, Canada. The Malartic Project consists of 139 mining claims and 1 mining concession covering 6,263 hectares. The Camflo West claims are subject to various NSR's ranging from 1.5% to 3.0%, certain of which, or portions thereof, can be repurchased for payments ranging from \$200,000 to \$1,500,000. The Malartic H claims are 85% owned by the Corporation and the remaining 15% can be purchased by paying \$25,000.

Exploration Activity

Minimal exploration work has occurred on the Project during the six-month period ended June 30, 2017.

iii) Siscoe East Project

The Corporation acquired the Siscoe East Property through the acquisition of Niogold. The Siscoe East Property is located in the Vassan Township in the Abitibi region of Québec, Canada. NioGold owns a 50% interest in the claims covering the Siscoe East Property, the remaining 50% interest being held by another company. Some claims are subject to NSRs of 2.0%. Half of the NSRs may be repurchased for a total of \$2,750,000.

Exploration Activity

No exploration activity has occurred on the project since its acquisition took place on March 11, 2016.

iv) Héva Project

The Corporation acquired the Héva Property through the acquisition of Niogold. The Héva Property, located 42 kilometers northwest of the city of Val-d'Or, and the Val-d'Or Property, located south of the limit of the town of Val-d'Or, in the Abitibi region of Québec, Canada. Some of the claims of the Héva Property are subject to a 1.5% NSR of which half may be repurchased for \$200,000.



Exploration Activity

Minimal activity has occurred on the project since its acquisition took place on March 11, 2016.

3.6 DeSantis Property

The Corporation acquired the DeSantis Property in the Porcupine Mining Division in Ogden Township, Ontario, from Excellon Resources Inc. in exchange for Common Shares.

Exploration Activity

Minimal exploration work has occurred on the property during the six-month period ended June 30, 2017.

3.7 Swayze Property

The Corporation acquired the Swayze Property located in the Greenstone Belt of Ontario on August 2, 2016. The claims were purchased for a cash payment of \$250,000.

Exploration Activity

In January 2017, the Corporation began line cutting and is currently in the middle of completing its geophysics program.

3.8 James Bay Properties

On October 5, 2016, Osisko announced that it has finalized the earn-in transaction with Osisko GR. Under the terms of the earn-in agreement, the Corporation may earn a 100% interest in 28 exploration properties held by Osisko GR, which are located in the James Bay area, Québec and the Labrador Trough area (the "Properties") upon incurring exploration expenditures totalling \$32,000,000 over the 7-year term of the earn-in agreement; the Corporation will earn a 50% interest upon completing expenditures totalling \$19,200,000. Osisko GR will retain an escalating NSR royalty ranging from 1.5% to a maximum of 3.5% on precious metals and a 2% NSR royalty on other metals and minerals produced from the Properties. Additionally, any new properties acquired by the Corporation in the designated area during the 7-year term of the earn-in agreement may also be subject to a royalty agreement in favour of Osisko GR with similar terms and subject to certain conditions. On February 16, 2017, Osisko and Osisko GR amended and restated the initial earn-in agreement, pursuant to which the Kan Project was carved-out into a separate earn-in agreement (the "Kan Agreement"). Under the terms of the Kan Agreement, Osisko shall incur \$6,000,000 over the 7-year term of the earn-in agreement; the Corporation will earn a 50% interest upon completing expenditures of \$3,600,000 over 4-year term. The entire commitment on the rest of the properties has been reduced by the same amount and terms as the Kan Agreement.

i) Kan Project

The Kan Project is located within the Labrador Trough, approximately 80 kilometres southwest of Kuujuaq, Quebec. It covers approximately 40 kilometres of favorable stratigraphy that includes silicate-carbonate iron formations, thick metal-rich black shales units, gabbros and turbidites. The Kan Project consists in 2,276 claims (105,605 ha.) and is located 80 kilometres southwest of the Kuujuaq in North Québec. 209 of the claims are subject to a 2% NSR in favour of Les Ressources Tectonic Inc. 0.5% NSR for \$750,000 may be purchased at any time, by Osisko GR while the other buy-back of the other 0.5% NSR for \$750,000 is retained by Altius Resources Inc. Osisko GR holds a royalty over 2276 claims on the production of precious metals of a minimum of 1.5% NSR and a maximum of 3.5% NSR and a 2.0% NSR royalty on all other products provided however that if there is an existing royalty applicable on any portion of the claims, the royalty percentages shall, as applicable, be adjusted so that the aggregate maximum royalty percentage on such portion shall not exceed and be capped to 3.5% NSR at any time. Subject to the amended agreement, Osisko has a firm commitment to spend \$4,062,500 of exploration expenditures on all the James Bay properties by December 31, 2017.



During January 2017, Osisko staked 1624 additional claims giving a total of 2,276 claims covering a 105,605 hectares for the Kan Project.

On March 27, 2017, Osisko announced that it has finalized the agreement with Barrick Gold Corp. ("Barrick"), which sets forth the terms of an Exploration Earn-In on the property. Under the Exploration Earn-In, Barrick must commit \$15,000,000 in work expenditures over a four-year period to earn a 70% interest on the Kan Project, subject to certain annual work expenditure thresholds, including a guaranteed expenditure threshold of \$6,000,000 in the first two years.

Following the completion of the Exploration Earn-In, the Property will be transferred to a new joint venture entity to be owned 30% by Osisko and 70% by Barrick. Osisko and Barrick will then enter into a joint venture agreement in respect of the Property. In addition, Barrick may earn a further 5% interest in the joint venture entity (for a total interest of 75%) by electing to fund an additional \$5,000,000 of project level expenditures (such as a preliminary economic assessment or pre-feasibility study).

Exploration Activity

Barrick has spent approximately \$896,000 towards on the earn-in agreement in the six-month period ended June 30, 2017. During the six-month period ended June 30, 2017, the Corporation performed a 3,432 kilometre high definition magnetic survey over the project and begin the exploration program which consists in prospecting, detailed mapping, soil geochemical survey. The program will extend over the third quarter and should culminate with a 1,200 metre drilling campaign.

ii) *Éléonore Regional Project*

The Éléonore Regional Project consists of 472 claims (24,659 hectares) located 15 kilometres west of the Éléonore gold Mine in the Opinaca Reservoir area of the James Bay territory.

Exploration Activity

The Corporation realized a small exploration program which mainly consisted in prospecting, mapping and trench restoration during the six-month period ended June 30, 2017 on the property.

iii) *Éléonore-JV Project*

The Éléonore-JV Project consists of 1,872 claims (>97,900 hectares) of which is approximately 50% is owned by Exploration Midland and is located 25 kilometres southeast and 20 kilometres northwest of the Éléonore gold Mine in the Opinaca Reservoir area of the James Bay territory. The property is subject to a 0.5% NSR in favor of Osisko GR and to a 0.5% NSR in favor of Midland Resources.

Exploration Activity

For the six-month period ended June 30, 2017, the Corporation completed an exploration program consisting of a till survey and prospecting on the property.

iv) *Trieste Project*

The Trieste Project consists of 316 claims (>16,307 hectares) and is located 60 kilometres north-north-west of the Renard Diamond Mine of the James Bay territory.

Exploration Activity

During the six-month period ended June 30, 2017, the Corporation completed a ground IP geophysical survey on the project. A small drilling campaign is planned to begin during the third quarter of 2017 on the property.



4. EXPLORATION AND EVALUATION ASSETS EXPENDITURES

4.1 Exploration and Evaluation Assets Expenditures

The Corporation's expenditures on exploration and evaluation assets for the six-month period ended June 30, 2017, were as follows (in thousands of Canadian dollars):

	December 31, 2016	Additions in the period	June 30, 2017
Urban Barry	\$ 3,849	\$ 5,179	\$ 9,028
Windfall Lake	56,199	29,045	85,244
Ogima - Catharine Fault	1,548	10	1,558
Garrcon - Garrison	14,098	5,302	19,400
Gold Pike - Garrison	47	25	72
Buffonta - Garrison	86	7	93
DeSantis Property	1,324	19	1,343
Black Dog (formally "Souart") Property	1,527	665	2,192
Swayze Property	466	262	728
Marban - Marban Block	23,477	331	23,808
Malarctic - Marban Block	37,809	66	37,875
Siscoe East - Marban Block	2,518	4	2,522
Héva - Marban Block	815	2	817
Kan - James Bay	284	31	315
Éléonore – James Bay	274	138	412
Éléonore JV – James Bay	104	58	162
Other – James Bay	160	376	536
Quévillon	-	1,911	1,911
Total exploration and evaluation assets	\$ 144,585	\$ 43,431	\$ 188,016

Significant additions during the six-month period ended June 30, 2017 are described by category in the following table (in thousands of Canadian dollars):

For the period ended June 30, 2017	Urban Barry	Windfall Lake	Ogima - Catharine Fault	Garrcon- Garrison	Gold Pike- Garrison	Buffonta- Garrison	DeSantis	Black Dog (formally "Souart")	Swayze
Property costs	\$ 64	\$ 17	\$ -	\$ 4	\$ 25	\$ 1	\$ 4	\$ 2	\$ -
Camp costs	-	4,734	-	93	-	3	-	61	-
Office costs	10	36	-	4	-	-	-	-	-
Project management	214	1,143	-	254	-	3	-	6	7
Drilling	4,342	20,554	-	4,259	-	-	-	249	-
Geochemical survey	34	9	-	-	-	-	-	-	-
Permitting	-	95	-	2	-	-	-	1	-
Geophysical survey	189	222	-	-	-	-	-	327	241
Geology	250	436	1	622	-	-	15	19	10
Engineering	-	75	-	-	-	-	-	-	-
Feasibility study	-	577	-	-	-	-	-	-	-
Ramp rehabilitation	-	21	-	-	-	-	-	-	-
Community relations	43	260	9	59	-	-	-	-	4
Environmental	2	310	-	-	-	-	-	-	-
Health and safety	31	556	-	5	-	-	-	-	-
Total additions	\$ 5,179	\$ 29,045	\$ 10	\$ 5,302	\$ 25	\$ 7	\$ 19	\$ 665	\$ 262



For the period ended June 30, 2017	Marban - Marban Block	Malarctic - Marban Block	Siscoe East - Marban Block	Héva - Marban Block	Kan - James Bay	Éléonore - James Bay	Éléonore JV - James Bay	Other - James Bay	Quévillon	Total
Property costs	\$ -	\$ -	\$ -	\$ 1	\$ (110)	\$ 15	\$ -	\$ 171	\$ 1,746	\$ 1,940
Camp costs	-	-	-	-	1	-	-	-	1	4,893
Office costs	21	36	4	1	3	-	2	-	-	117
Project management	30	8	-	-	137	22	21	27	41	1,913
Drilling	121	10	-	-	-	14	-	21	38	29,608
Geochemical survey	-	-	-	-	-	-	6	12	1	62
Permitting	-	-	-	-	-	-	-	-	-	98
Geophysical survey	-	-	-	-	-	-	-	101	2	1,082
Geology	65	12	-	-	-	85	26	36	82	1,659
Engineering	25	-	-	-	-	-	-	-	-	100
Feasibility Study	-	-	-	-	-	-	-	-	-	577
Ramp rehabilitation	-	-	-	-	-	-	-	-	-	21
Community relations	-	-	-	-	-	2	3	8	-	388
Environmental	69	-	-	-	-	-	-	-	-	381
Health and safety	-	-	-	-	-	-	-	-	-	592
Total additions	\$ 331	\$ 66	\$ 4	\$ 2	\$ 31	\$ 138	\$ 58	\$ 376	\$ 1,911	\$ 43,431

During the six-month period ended June 30, 2017, the majority of spending took place on the Windfall Lake Property which had a planned drill program of 400,000 metres. During the three-month period ended June 30, 2017, the Corporation drilled approximately 98,883 metres Windfall Lake Property, Black Dog and Urban Barry area. The Corporation also completed a 35,000 metre drill campaign on the Garrcon-Garrison Property and plans to continue the drilling on the known Garrcon and Jonpol deposits with an additional 25,000 metres. The Corporation also began exploration work on its newly acquired Quévillon property.

4.2 Option Payments and Acquisition Costs for Exploration and Evaluation Assets Claims

The following is a summary of the committed option payments and acquisition costs to be made as of June 30, 2017, in respect of the Corporation's exploration and evaluation assets (in thousands of Canadian dollars):

	Total	2017	2018	2019	2020	2021
Catharine Fault - Ogima Project	\$ 230	\$ 90	\$ 140	\$ -	\$ -	\$ -
James Bay properties	\$ 2,540	\$ 2,540	\$ -	\$ -	\$ -	\$ -
Office Lease	\$ 1,011	\$ 51	\$ 240	\$ 240	\$ 240	\$ 240
Total	\$ 3,781	\$ 2,681	\$ 380	\$ 240	\$ 240	\$ 240

5. OUTLOOK

The operational outlook below and described herein reflects the Corporation's current operations.

The Corporation is currently spending approximately \$9,500,000 per month on exploration on all the Québec and Ontario properties, \$484,000 per month on general and administration expenses and \$525,000 on salaries and benefits, excluding non-cash items. The Corporation raised approximately \$85,000,000 since January 1, 2017. The proceeds from these financings will be used to fund "Canadian exploration expenses" on the Corporation's Québec and Ontario properties and general working capital. A 400,000 metre drill campaign continues with approximately 24 drill rigs on the Windfall Lake Property and Urban Barry area and a 25,000 metre drill campaign using 4 drill rigs on the Garrison Properties. The Corporation commenced its feasibility study on the Windfall Lake Property and has begun de-watering the exploration ramp. The Corporation expects to advance the ramp and begin underground exploration by the end of 2017. The goal of the



program is to increase the confidence in all the existing resources as well as to expand all existing resources. The Corporation is working towards an initial resource update over the course of 2017/2018 on the Urban Barry and Windfall Lake Properties.

Gold mineralization identified to date, in the target zone underneath the Red Dog, defines an inferred mineral resource of 455,000 tonnes averaging 8.21 g/t gold for 120,000 contained ounces of gold. The drill program is designed to target potential extensions of gold mineralization to increase the current size of the Windfall Lake Property as well as to expand the newly discovered Lynx zone.

The Corporation has also finished line-cutting on the Swayze Property and commenced an IP survey.

6. INVESTMENTS

The Corporation assets include a portfolio of investments in publicly and non-publicly traded companies. The Corporation invests in various companies within the mining industry for investment purposes and strategic decisions. In addition to investment objectives, in some cases, the Corporation may decide to take a more active role in the investee, including providing management personnel, technical and/or administrative support, as well as nominating individuals to the investee's Board of Directors. These investments, which include positions in Barkerville Gold Mines Ltd. ("Barkerville") and Beaufield Resources Inc. ("Beaufield"), are reflected as "Investments in Associates" in the condensed interim consolidated financial statements of the Corporation. On August 8, 2016, the Corporation acquired 50,000,000 common shares of Barkerville and immediately classified this investment as an Investment in Associates. In addition to the above mentioned active roles, the Corporation's Co-Chairman, Sean Roosen, acts as Co-Chairman of the Board of Directors of Barkerville and Mr. John Burzynski recently was added to Barkerville's board. On February 21, 2017, the Corporation acquired 31,700,000 common shares of Beaufield and immediately classified this investment as an "Investment in Associates". In addition to the above mentioned active roles, the Corporation's Executive Vice President of Exploration and Resource Development and Director, Robert Wares, is a member of the Beaufield's Board of Directors.

6.1 Marketable Securities

The following table summarizes information regarding the Corporation's marketable securities as at June 30, 2017 and December 31, 2016 (in thousands of Canadian dollars):

<i>As at</i>	June 30, 2017	December 31, 2016
Balance, beginning of period	\$ 15,020	\$ 8,707
Additions	20,917	16,590
Acquisitions	-	178
Transfer to investments in associates (note 6)	-	(1,248)
Disposals	(21,372)	(14,089)
Realized gain	2,166	3,428
Unrealized gain	887	1,454
Balance, end of period	\$ 17,618	\$ 15,020

During the three and six-month period ended June 30, 2017, the shares and warrants were fair valued and this resulted in an unrealized loss of \$2,152,000 and an unrealized gain of \$887,000, respectively (2016 – gain of \$4,831,000 and \$8,183,000). The Corporation sold shares during the three and six-month period ended June 30, 2017 which resulted in realized gains of \$1,248,000 and \$2,166,000 (2016 - \$55,000 and \$1,062,000). These gains are attributed to stronger commodity prices as well as increase in the equities, however, in the second quarter of 2017, the market seemed to soften giving rise to an unrealized loss for the three-month period ended June 30, 2017.



6.2 Investments in Associates

The Corporation's investments relating to its interests in Beaufield and Barkerville are detailed as follows (in thousands of Canadian dollars):

As at	June 30, 2017		
	Beaufield	Barkerville	Total
Balance, beginning of period	\$ -	\$ 37,290	\$ 37,290
Cash investment in associates	4,952	6,414	11,366
Share of income (loss) for the period	(91)	324	233
Balance, end of period	\$ 4,861	\$ 44,028	\$ 48,889

6.3 Long-term Investments

During the three and six-month period ended June 30, 2017, the Corporation held a \$180,000 long-term investment in a non-publicly traded entity.

7. RESULTS OF CONTINUING OPERATIONS

The following table summarizes the Corporation's Consolidated Statement of Operations for the three and six-month periods ended June 30, 2017 and 2016 (in thousands of Canadian dollars):

For the period ended	Three months ended		Six months ended	
	June 30, 2017	June 30, 2016	June 30, 2017	June 30, 2016
Expenses				
Compensation	\$ 5,797	\$ 2,086	\$ 12,545	\$ 5,329
General and administration expenses	1,513	738	2,902	1,434
General exploration	4	33	44	115
Exploration and evaluation assets written off	-	16	-	33
Flow-through premium income	(6,337)	(750)	(9,910)	(1,671)
Unrealized (loss)/gain from marketable securities	2,152	(4,831)	(887)	(8,183)
Realized gain from marketable securities	(1,248)	(55)	(2,166)	(1,062)
Foreign currency exchange (gain)/loss	(606)	(8)	(638)	202
Realized loss from sale of equipment	-	327	-	327
Other income	(116)	-	(188)	(288)
Operating loss/(income)	1,159	(2,444)	1,702	(3,764)
Finance income	(347)	(152)	(616)	(301)
Finance costs	77	144	126	309
Net finance (income)/loss	(270)	(8)	(490)	8
Share of (income)/loss of associates	(488)	88	(233)	99
Loss/(income)	401	(2,364)	979	(3,657)
Other comprehensive income				
Items that may be reclassified subsequently to profit and loss:				
foreign currency translation	\$ -	\$ (46)	\$ -	\$ 39
Comprehensive (income)/loss for the year	-	(46)	-	39
Total comprehensive loss/(income)	\$ 401	\$ (2,410)	\$ 979	\$ (3,618)



7.1 Three-month Period Ended June 30, 2017 as compared to Three-month Period Ended June 30, 2016

Loss increased by \$2,765,000, from income of \$2,364,000 for the three-month period ended June 30, 2016 to a loss of \$401,000 for the three-month period ended June 30, 2017, due to unrealized loss and lower realized gain from marketable securities, and higher expenses related to the acquisitions and a growing business. This was partially offset by higher flow-through premium income.

Compensation expenses increased in the three-month period ended June 30, 2017 by \$3,711,000 to \$5,797,000, compared with \$2,086,000 expensed in the same period in 2016. This is due to an increase in both stock-based compensation and compensation expenses of \$2,949,000 and \$762,000, respectively. Stock-based compensation increased due to options that were issued to management and employees as well as increased fair value per options issued. Compensation expense increased due to additional staff in the corporate offices.

General and administration expenses increased by \$775,000 to \$1,513,000 for the three-month period ended June 30, 2017, compared with \$738,000 in the same period for 2016. This increase is mostly due to an increase in office expenses of \$555,000, which is due to a larger staff base, marketing and a growing Corporation. Other increases in general and administration include: (i) increase in professional fees of \$231,000 due to an increase in investments and professional expenses related to the transactions that took place during the year, due diligence on potential property acquisitions, and the liquidation of the discontinued operations of Braeval Peru S.A.C and Oban Peru S.A.C.; and (ii) increase in travel expenses of \$24,000 due to increase in marketing activities and road shows, an overall increase in exploration activity, site visits to the properties, and an increase in overall activities due to a growing corporation.

Flow-through premium income was \$6,337,000 during the three-month period ended June 30, 2017, compared to \$750,000 during the same period in 2016. This income is derived from the April 2017 Offering, the February 2017 Offering, the December 2016 Offering, and the July 2016 Offering. On issuance of these Flow-Through Shares, a flow-through share premium liability was recognized. Upon the Corporation incurring flow-through eligible expenditures, the Corporation recognizes flow-through premium income and decreases the flow-through premium liability.

During the three-month period ended June 30, 2017, the Corporation maintained a portfolio of securities that were strategically invested in marketable securities of exploration and development companies. As a result, the Corporation recognized a realized gain and an unrealized loss in the period related to these investments of \$1,248,000 and \$2,152,000, respectively. The realized gains are from the sale of several investments and the unrealized loss are a result of the Corporation marking to market its investments at period end. The Corporation had a fair market value of \$17,618,000 of marketable securities as at June 30, 2017, compared to \$15,020,000 as at December 31, 2016.

Foreign currency exchange gain during the three-month period ended June 30, 2017 increased by \$598,000 to \$606,000, compared with \$8,000 for the same period in 2016. The main reason behind the increase is the foreign currency adjustment from the dissolution of foreign subsidiaries.

Net finance income during the three-month period ended June 30, 2017 increased by \$262,000 to \$270,000, compared with \$8,000 for the same period in 2016. The main reason behind the increase is the increased cash balance of the Corporation due to a combination of: (i) two issuances on a private placement basis of Common Shares for proceeds of \$83,027,000 (net of transaction costs); and (ii) the exercise of stock options and warrants which provided \$7,727,000 in the six month period ended June 30, 2017. This increase was partially offset by addition to exploration and evaluation assets and acquisition of Beaufield and Barkerville equity investments. The Corporation had \$116,455,000 of cash and cash equivalents as at June 30, 2017.

Share of income of associates recognized during the three-month period ended June 30, 2017 was \$488,000 compared to a loss of \$88,000 for the same period in 2016. The income generated from the associates was due to non-mining activities. Management determined that, for accounting purpose, the Corporation held significant influence over the decision-making process of Beaufield and Barkerville during the three-month period ended June 30, 2017, and as such must recognize its share of these entities' net losses and net incomes.



7.2 Six-month Period Ended June 30, 2017 as compared to Six-month Period Ended June 30, 2016

Loss increased by \$4,636,000, from income of \$3,657,000 for the six-month period ended June 30, 2016 to a loss of \$979,000 for the six-month period ended June 30, 2017, due to lower unrealized gain from marketable securities and higher expenses related to the acquisitions and a growing business. This was partially offset by higher flow-through premium income.

Compensation expenses increased in the six-month period ended June 30, 2017 by \$7,216,000 to \$12,545,000, compared with \$5,329,000 expensed in the same period in 2016. This is due to an increase in both stock-based compensation and compensation expenses of \$6,291,000 and \$925,000, respectively. Stock-based compensation increased due to options that were issued to management, employees and members of the Board as well as increased fair value per options issued. Compensation expense increased due to additional staff in the corporate offices.

General and administration expenses increased by \$1,468,000 to \$2,902,000 for the six-month period ended June 30, 2017, compared with \$1,434,000 in the same period for 2016. This increase is mostly due to an increase in office expenses of \$1,068,000, which is due to a larger staff base, marketing and a growing Corporation. Other increases in general and administration include 1) increase in professional fees of \$490,000 due to an increase in investments and professional expenses related to the mergers that were not part of transaction costs, due diligence on potential property acquisitions, and the liquidation of the discontinued operations of Braeval Peru S.A.C and Oban Peru S.A.C., and 2) increase in travel expenses of \$96,000 due to increase in marketing activities and road shows, an overall increase in exploration activity, analyst tours to the properties, and due diligence performed on further potential acquisitions.

Flow-through premium income was \$9,910,000 during the six-month period ended June 30, 2017, compared to \$1,671,000 during the same period in 2016. This income is derived from the April 2017 Offering, the February 2017 Offering, the December 2016 Offering, and the July 2016 Offering. On issuance of these Flow-Through Shares, a flow-through share premium liability was recognized. Upon the Corporation incurring flow-through eligible expenditures, the Corporation recognizes flow-through premium income and decreases the flow-through premium liability.

During the six-month period ended June 30, 2017, the Corporation maintained a portfolio of securities that were strategically invested in marketable securities of exploration and development companies. As a result, the Corporation recognized a realized and unrealized gain in the period related to these investments of \$2,166,000 and \$887,000, respectively. The realized gains are from the sale of several investments and the unrealized gain are a result of the Corporation marking to market its investments at period end. The Corporation had a fair market value of \$17,618,000 of marketable securities as at June 30, 2017, compared to \$15,020,000 as at December 31, 2016.

Foreign currency exchange gain during the six-month period ended June 30, 2017 increased by \$840,000 to \$638,000, compared with a loss of \$202,000 for the same period in 2016. The main reason behind the increase is the foreign currency adjustment from dissolution of foreign subsidiaries.

Net finance income during the six-month period ended June 30, 2017 increased by \$498,000 to \$490,000, compared with a loss of \$8,000 for the same period in 2016. The main reason behind the increase is the increased cash balance of the Corporation due to a combination of: (i) two issuances on a private placement basis of Common Shares for proceeds of \$83,027,000 (net of transaction costs); and (ii) the exercise of stock options and warrants which provided \$7,727,000 in the six-month period ended June 30, 2017. This increase was partially offset by addition to exploration and evaluation assets and acquisition of Beaufield and Barkerville equity investments. The Corporation had \$116,455,000 of cash and cash equivalents as at June 30, 2017.

Share of income of associates recognized during the six-month period ended June 30, 2017 was \$233,000 compared to a loss of \$99,000 for the same period in 2016. Management determined that, for accounting purpose, the Corporation held significant influence over the decision-making process of Beaufield and Barkerville during the six-month period ended June 30, 2017, and as such must recognize its share of these entities' net losses and net incomes.



7.3 Cash Flow

The Corporation is dependent upon raising funds in order to fund future exploration programs. See "*Liquidity and Capital Resources*" and "*Risks and Uncertainties*".

Operating Activities

Cash used in operating activities for the six-month period ended June 30, 2017 totaled \$6,150,000, compared to \$4,079,000 used in the same period in 2016. The increase outflows were primarily attributable to the net loss of \$979,000 for the six-month period ended June 30, 2017, with adjustments for flow-through premium income of \$9,910,000, realized gains on marketable securities of \$2,166,000, unrealized gains on marketable securities of \$887,000, and foreign currency translation adjustment of \$608,000, partially offset by adjustment for stock based compensation of \$9,398,000.

Financing Activities

Cash provided by financing activities was \$90,753,000 for the six-month period ended June 30, 2017, compared with \$12,354,000 for the same period in 2016. A total of \$83,026,000 was raised through private placements (net of transaction costs) and the exercise of stock options and warrants resulted in inflows of \$305,000 and \$7,422,000, respectively.

Investing Activities

Cash used by investing activities for the six-month period ended June 30, 2017 totaled \$49,419,000, compared with \$9,904,000 for the same period in 2016. The change was mainly due to additions to exploration and evaluation expenditures of \$38,264,000, acquisition of plant and equipment for \$763,000, acquisition of marketable securities for \$20,667,000, acquisition of Beaufield equity investment for \$4,952,000, and acquisition of Barkerville equity investment for \$6,414,000, partially offset by proceeds on disposition of marketable securities of \$21,372,000. For the six-month period ended June 30, 2016, additions to exploration and evaluation expenditures totaled \$9,915,000, acquisition of plant and equipment totaled \$152,000, net cash and cash equivalents used in acquisition totaled \$560,000, and acquisition of marketable securities totaled \$3,693,000, partially offset by proceeds on disposition of marketable securities of \$3,866,000 and proceeds on disposition of plant and equipment of \$400,000.

In management's view, the Corporation has sufficient financial resources to fund current planned exploration programs and ongoing operating expenses. As at June 30, 2017, the Corporation has cash of \$116,455,000, compared to \$81,271,000 as at December 31, 2016. The Corporation will continue to be dependent on raising equity or other capital as required unless and until it reaches the production stage and generates cash flow from operations. See "*Forward-Looking Information*" and "*Risks and Uncertainties*".



8. SUMMARY OF QUARTERLY RESULTS

(in thousands of Canadian dollars)

<i>For the period ended</i>	June 30, 2017	March 31, 2017	December 31, 2016	September 30, 2016
Financial Results:				
Interest income	\$ (347)	\$ (269)	\$ (219)	\$ (147)
Loss	\$ 979	\$ 578	\$ 7,144	\$ 1,741
Loss per share				
Basic	\$ -	\$ -	\$ 0.05	\$ 0.01
Diluted	\$ -	\$ -	\$ -	\$ -
Financial Position:				
Working Capital (non-IFRS measurement)**	\$ 129,108	\$ 154,078	\$ 94,138	\$ 95,991
Exploration and evaluation assets	\$ 188,016	\$ 163,807	\$ 144,585	\$ 133,387
Total assets	\$ 378,599	\$ 369,016	\$ 285,293	\$ 274,297
Share capital	\$ 375,754	\$ 365,258	\$ 303,100	\$ 288,712
Deficit	\$ (56,714)	\$ (56,313)	\$ (55,735)	\$ (48,593)
Number of shares issued and outstanding	187,667,158	184,476,725	161,990,656	156,255,006

* Basic and diluted (earnings)/loss per share is calculated based on the weighted-average number of Common Shares outstanding.

The number of shares issued and outstanding accounts the 3.14-to-one consolidations of the Common Shares, effected on August 25, 2015, applied retrospectively for all the periods disclosed in the table.

** Working Capital is a non-IFRS measurement with no standardized meaning under IFRS. For further information and a detailed reconciliation, please see section 19.

(in thousands of Canadian dollars)

<i>For the period ended</i>	June 30, 2016	March 31, 2016	December 31, 2015	September 30, 2015
Financial Results:				
Interest income	\$ (151)	\$ (148)	\$ (169)	\$ (59)
(Income)/Loss from continuing operations	\$ (2,366)	\$ (1,293)	\$ 2,276	\$ 2,126
Loss from discontinued operations	\$ -	\$ -	\$ 5	\$ 85
(Earnings)/Loss per share* - basic				
From continuing operations	\$ (0.02)	\$ (0.02)	\$ 0.05	\$ 0.10
From discontinued operations	\$ -	\$ -	\$ -	\$ -
(Earnings)/Loss per share* - diluted				
From continuing operations	\$ (0.01)	\$ 0.02	\$ -	\$ -
From discontinued operations	\$ -	\$ -	\$ -	\$ -
Financial Position:				
Working capital (non-IFRS measurement)**	\$ 68,454	\$ 94,138	\$ 63,668	\$ 72,615
Exploration and evaluation assets	\$ 124,400	\$ 144,585	\$ 50,056	\$ 38,875
Total assets	\$ 199,296	\$ 285,293	\$ 119,337	\$ 114,491
Share capital	\$ 216,539	\$ 303,100	\$ 150,989	\$ 145,855
Deficit	\$ (46,852)	\$ (55,735)	\$ (50,509)	\$ (48,228)
Number of shares issued and outstanding	125,412,230	58,694,202	58,694,202	54,694,202

* Basic and diluted (earnings)/loss per share is calculated based on the weighted-average number of Common Shares outstanding. The number of shares issued and outstanding accounts the 3.14-to-one consolidations of the Common Shares, effected on August 25, 2015, applied retrospectively for all the periods disclosed in the table.

** Working Capital is a non-IFRS measurement with no standardized meaning under IFRS. For further information and a detailed reconciliation, please see section 19



9. FOREIGN EXCHANGE

The following table summarizes the Canadian dollar average exchange rate for the six-month periods ended June 30, 2017 and 2016, as well as the spot rate as of June 30, 2017, providing the value of one Canadian dollar in the currencies of the countries in which the Corporation conducted business during the six-month period ended June 30, 2017 and 2016.

Currency	June 30, 2017	June 30, 2016	August 9, 2017
United States dollar (USD)	0.771	0.769	0.789

10. LIQUIDITY AND CAPITAL RESOURCES

As at June 30, 2017, the Corporation had a cash balance of \$116,455,000 (December 31, 2016 - \$81,271,000) and working capital of \$129,108,000 (December 31, 2016 - \$94,138,000). Cash and working capital increased from December 31, 2016, due to the \$83,027,000 raised through Offerings throughout the six-month period ended June 30, 2017 (net of transaction costs), partially offset by the expenditures incurred in connection with exploration activities in Canada, general and administration activities related to the offices in Canada and the acquisition of the Beaufield and Barkerville equity investments. The majority of the Corporation's financial liabilities have contractual maturities of less than 30 days, and are subject to normal trade terms.

The Corporation has no history of revenues from its operating activities. The Corporation is not in commercial production on any of its mineral properties and accordingly does not generate cash from operations. During the six-month period ended June 30, 2017, the Corporation had negative cash flow from operating activities, and the Corporation anticipates it will have negative cash flow from operating activities in future periods.

The Corporation has, in the past, financed its activities by raising capital through equity issuances. Until it can generate a positive cash flow position, in order to finance its exploration programs, the Corporation will remain reliant on the equity markets for raising capital, in addition to adjusting spending, disposing of assets and obtaining other non-equity sources of financing.

The Corporation believes it has sufficient cash resources to meet its exploration and administrative overhead expenses and maintain its planned exploration activities for the next twelve months. However, there is no guarantee that the Corporation will be able to maintain sufficient working capital in the future due to market, economic and commodity price fluctuations. See "*Risks and Uncertainties*".

11. CONTRACTUAL OBLIGATIONS AND COMMITMENTS

See "*Section 4.2*" for information regarding option payments on the properties for the Corporation's outstanding commitments. In addition to the option payments, on October 1, 2015, the Corporation signed an agreement with Eight Capital where Eight Capital will provide financial advisory services for the Corporation at a cost of \$28,000 per month. The agreement expires September 1, 2017. On March 10, 2017, the Corporation signed a lease agreement with The Great-West Life Assurance Company and London Life Insurance Company for annual rent of \$241,000. See the condensed interim consolidated financial statements for the six-month period ended June 30, 2017 and 2016 for further details.

12. OFF-BALANCE SHEET ARRANGEMENTS

The Corporation does not have any off-balance sheet arrangements.



13. TRANSACTIONS WITH RELATED PARTIES

Balances and transactions between the Corporation and its subsidiaries have been eliminated on consolidation and are not disclosed in this note. Details of the transactions between the Corporation and other related parties are disclosed below.

During the three and six-month period ended June 30, 2017, management fees, geological services, rent and administration fees of \$128,000 and \$475,000, respectively (2016 - \$798,000 and \$1,443,000) were incurred with Osisko GR, a related company of the Corporation by virtue of Osisko GR owning or controlling, directly or indirectly, greater than 10% of the issued and outstanding Common Shares. Also, Mr. John Burzynski, President and CEO of the Corporation, as well as Mr. Sean Roosen, Chairman of the Board serve as directors and/or senior officers of Osisko GR. Accounts payable to Osisko GR as at June 30, 2017 are \$79,000 (2016 - \$627,000). During the three and six-month period ended June 30, 2017, management fees, engineering and geological services, rent and administration fees of \$436,000 and \$824,000, respectively (2016 - \$nil and \$nil) were charged to Osisko GR by the Corporation. Accounts receivable from Osisko GR as at June 30, 2017 are \$12,000 (2016 - \$nil).

During the three and six-month period ended June 30, 2017, financial advisory service fees of \$nil and \$84,000 were incurred with Dundee Capital Markets ("Dundee"), a company related to a Director (2016 - \$84,000 and \$168,000). On October 1, 2015, the Corporation signed an agreement with Dundee whereas Dundee will provide financial advisory services for the Corporation at a cost of \$28,000 per month plus a non-refundable retainer fee of \$500,000. The agreement expires on September 1, 2017. On February 13, 2017, Dundee's ownership changed and the company was renamed to Eight Capital. Therefore, Eight Capital was no longer considered a related party of the Corporation as of February 13, 2017.

The following table summarizes remuneration attributable to key management personnel for the periods ended June 30, 2017 and 2016:

<i>For the period ended</i>	Three months ended		Six months ended	
	June 30, 2017	June 30, 2016	June 30, 2017	June 30, 2016
Salaries expense of key management	\$ 263	\$ 190	\$ 525	\$ 1,115
Directors' fees	100	30	190	279
Stock-based compensation	1,364	826	5,500	2,709
	\$ 1,727	\$ 1,046	\$ 6,215	\$ 4,103

14. OUTSTANDING SHARE DATA

As at August 9, 2017 the Corporation had the following securities outstanding: (i) 189,428,050 Common Shares; (ii) 17,207,154 stock options to purchase Common Shares at a weighted average exercise price of \$2.33 per option; and (iii) 26,755,992 common share purchase warrants outstanding at a weighted average exercise price of \$3.17 per warrant, on a one-for-one basis. On a fully diluted basis, the Corporation would have 233,391,196 Common Shares issued and outstanding, after giving affect to the exercise of the options and warrants of the Corporation that are outstanding.

The following table summarizes the options outstanding and exercisable as at June 30, 2017:



Range of exercise prices per share (\$)	Weighted-Average Remaining periods of Contractual Life	Options Outstanding		Options Exercisable	
		Number of Stock Options Outstanding	Weighted Average Exercise Price (\$)	Number of Stock Options Exercisable	Weighted Average Exercise Price (\$)
0.48 to 1.12	3.5	5,177,122	\$1.04	3,610,449	\$1.02
1.13 to 1.71	3.2	4,479,223	\$1.19	2,970,881	\$1.19
1.72 to 3.21	4.2	1,820,002	\$2.84	759,989	\$2.73
3.22 to 3.49	4.6	3,915,000	\$3.41	1,304,995	\$3.41
3.50 to 4.79	4.5	2,484,500	\$4.72	1,057,822	\$4.65
\$ 2.29	3.9	17,875,847	\$2.29	9,704,136	\$1.92

The following tables summarizes the warrants issued and outstanding as at June 30, 2017:

14.1 Two-for-one Warrants

	Number of warrants	Weighted-average exercise price
Outstanding as at January 1, 2016	7,120,692	\$ 1.85
Expired	(3,120,692)	1.65
Outstanding at December 31, 2016	4,000,000	\$ 2.00
Exercised	(841,350)	2.00
Outstanding at June 30, 2017	3,158,650	\$ 2.00

In connection with the acquisition of Eagle Hill, consent was received from each Eagle Hill warrant holder that, subsequent to the acquisition, each Eagle Hill warrant will be exercisable into 0.5 post-consolidation Common Shares for each Eagle Hill common share the holder would have otherwise been entitled to acquire. On August 25, 2015, a total of 7,120,692 warrants were issued in connection with this acquisition.

14.2 Publicly Traded Warrants

	Number of warrants	Weighted-average exercise price
Outstanding as at January 1, 2016	130,636,320	\$ 0.15
Exercised	(5,020)	0.15
Outstanding at December 31, 2016	130,631,300	\$ 0.15
Exercised	(4,575,960)	0.15
Outstanding at June 30, 2017	126,055,340	\$ 0.15

On August 25, 2015, 130,636,320 Common Share purchase warrant of the Corporation (the "EH Consideration Warrants") were issued to Eagle Hill shareholders pursuant to acquisition by the Corporation of Eagle Hill. The EH Consideration Warrants are governed by the terms of a warrant indenture dated August 24, 2015 between Osisko and Equity Financial Trust Company, as warrant agent, which warrant indenture is available under Osisko's issuer profile on SEDAR at www.sedar.com. The EH Consideration Warrants are listed and posted for trading on the TSX under the symbol "OSK.WT". As a result of a share consolidation by Osisko which was effected on August 25, 2015 after the effective time of the acquisition, each EH Consideration Warrants is exercisable until August 25, 2018 and, upon exercise of 20 EH Consideration Warrants at \$0.15 per warrant for a total payment of \$3.00, a holder of such Osisko Warrant is entitled to receive one Common Share.



14.3 One-for-one Warrants

	Number of warrants	Weighted-average exercise price
Outstanding as at January 1, 2016	696,048	\$ 5.27
Issuance of warrants on conversion of subscription receipts	10,521,700	1.44
Former Niogold warrants acquired (note 4)	1,010,477	1.15
Exercised	(4,746,039)	1.41
Expired	(241,332)	6.30
Outstanding at December 31, 2016	7,240,854	\$ 1.62
Granted	15,327,000	5.00
Exercised	(3,301,755)	1.53
Outstanding at June 30, 2017	19,266,099	\$ 4.33

On February 3, 2016, the Corporation completed a private placement offering of subscription receipts pursuant to which it issued and sold 10,521,700 subscription receipts of the Corporation. In conjunction with the completion of an arrangement with Niogold on March 11, 2016, each subscription receipt was converted into one Common Share and one Common Share purchase warrant. Each Common Share purchase warrant is exercisable into one Common Share until February 3, 2019, at an exercise price of \$1.44.

On February 28, 2017, the Corporation completed a private placement offering pursuant to which it issued and sold 15,327,000 units of the Corporation. Each unit is comprised of one Common Share and one Common Share purchase warrant. Each Common Share purchase warrant is exercisable into one Common Share until August 28, 2018, at an exercise price of \$5.00.

15. CRITICAL ACCOUNTING ESTIMATES

The preparation of the interim financial statements in conformity with IFRS requires management to make judgments, estimates and assumptions that affect the application of accounting policies and the reported amounts of assets and liabilities, and disclosure of contingent assets and liabilities at the date of the consolidated financial statements and the reported amounts of income and expenses for the reporting period. The Corporation also makes estimates and assumptions concerning the future. The determination of estimates and associated assumptions are based on various assumptions including historical experience and other factors that are believed to be reasonable under the circumstances, the results of which form the basis of making judgments about carrying values of assets and liabilities that are not readily apparent from other sources. Actual results may differ from these estimates. Please refer to the Corporation's interim financial statements for the six-month periods ended June 30, 2017 and 2016 and the notes thereto for information on the Corporation's significant judgements in applying accounting policies as well as significant accounting estimates and assumptions.

16. CHANGES IN IFRS ACCOUNTING POLICIES AND FUTURE ACCOUNTING PRONOUNCEMENTS

Certain pronouncements were issued by the IASB or the International Financial Reporting Interpretations Committee that are mandatory for accounting years ended after December 31, 2017. Please refer to the Corporation's interim financial statements for the six-month periods ended June 30, 2017 and 2016 and the notes thereto for information on future accounting pronouncements as well as new accounting standards issued and effective.



17. CORPORATE GOVERNANCE

Management and the Board of the Corporation recognize the value of good corporate governance and the need to adopt best practices. The Corporation is committed to continuing to improve its corporate governance practices in light of its stage of development and evolving best practices and regulatory guidance.

The Board has adopted a Board Mandate outlining its responsibilities and defining its duties. The Board has four committees: the Audit Committee, the Compensation Committee, the Corporate Governance and Nominating Committee, and the Health, Safety, Environmental and Corporate Social Responsibility Committee. The Audit Committee has a committee charter, which outlines the committee's mandate, procedures for calling a meeting, and provides access to outside resources.

The Board has also adopted a Code of Ethics, which governs the ethical behavior of all employees, management and directors. Separate trading blackout and disclosure policies are also in place. For more details on the Corporation's corporate governance practices, please refer to the Corporation's website at (www.osiskomining.com).

The Corporation's directors have expertise in exploration, metallurgy, mining, accounting, banking, financing and the securities industry. The Board and committees meet at least four times a year.

18. INTERNAL CONTROL OVER FINANCIAL REPORTING

Disclosure controls and procedures

Disclosure controls and procedures are designed to provide reasonable assurance that information required to be disclosed by the Company in its annual filings, interim filings or other reports filed or submitted by it under securities legislation is recorded, processed, summarized and reported within the time periods specified in the securities legislation and include controls and procedures designed to ensure that information required to be disclosed by the Company in its annual filings, interim filings or other reports filed or submitted under securities legislation is accumulated and communicated to the Company's management, including its Chief Executive Officer and Chief Financial Officer, as appropriate to allow timely decisions regarding required disclosure.

Internal controls over financial reporting

Internal controls over financial reporting are designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements in accordance with IFRS. Management is also responsible for the design of the Company's internal control over financial reporting in order to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with IFRS.

The Corporation's internal controls over financial reporting include policies and procedures that: pertain to the maintenance of records that, in reasonable detail accurately and fairly reflect the transactions and disposition of assets; provide reasonable assurance that transactions are recorded as necessary to permit preparation of the financial statements in accordance with IFRS and that receipts and expenditures are being made only in accordance with authorization of management and directors of the Corporation; and provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use or disposition of assets that could have a material effect on the financial statements.

Management, including the Chief Executive Officer and Chief Financial Officer, has evaluated the effectiveness of the design and operation of the Corporation's internal controls over financial reporting. As of June 30, 2017, the Chief Executive Officer and Chief Financial Officer have each concluded that the Corporation's internal controls over financial reporting, as defined in NI 52-109 - *Certification of Disclosure in Issuer's Annual and Interim Filings*, are effective to achieve the purpose for which they have been designed. Because of their inherent limitations, internal controls over financial reporting can provide only reasonable assurance and may not prevent or detect misstatements. Furthermore, projections of any evaluation of



effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

19. NON-IFRS MEASURES

The Corporation has included a non-IFRS measure for "working capital" in this MD&A to supplement its financial statements, which are presented in accordance with IFRS. The Corporation believes that this measure provides investors with an improved ability to evaluate the performance of the Corporation. Non-IFRS measures do not have any standardized meaning prescribed under IFRS. Therefore, such measures may not be comparable to similar measures employed by other companies. The data is intended to provide additional information and should not be considered in isolation or as a substitute for measures of performance prepared in accordance with IFRS.

The Corporation determines working capital as follows (in thousands of Canadian dollars):

<i>Reconciliation for the period ended</i>	June 30, 2017	March 31, 2017	December 31, 2016	September 30, 2016
Current assets	138,965	162,250	101,290	100,963
Less current liabilities	9,857	8,172	7,152	4,972
Working capital	129,108	154,078	94,138	95,991

<i>Reconciliation for the period ended</i>	June 30, 2016	March 31, 2016	December 31, 2015	September 30, 2015
Current assets	72,081	75,955	66,365	74,160
Less current liabilities	3,627	5,051	2,697	1,545
Working capital	68,454	70,904	63,668	72,615

20. CAUTIONARY NOTE REGARDING FORWARD-LOOKING INFORMATION

This MD&A may contain forward-looking statements and forward-looking information within the meaning of applicable Canadian securities legislation (collectively, "forward-looking information"), including, but not limited to, statements relating to the future financial or operating performance of the Corporation, the Corporation's mineral projects, the future price of metals, the estimation of mineral resources, the realization of mineral resource estimates, the timing and amount of estimated future production (if any), capital, operating and exploration expenditures, costs and timing of the development of new deposits, costs and timing of future exploration, requirements for additional capital, government regulation of mining operations and mineral exploration activities, environmental risks, reclamation expenses, title disputes or claims and limitations of insurance coverage. Often, but not always, forward-looking information can be identified by the use of words and phrases such as "plans", "expects", "is expected", "budget", "scheduled", "estimates", "forecasts", "intends", "anticipates", or "believes" or variations (including negative variations) of such words and phrases, or state that certain actions, events or results "may", "could", "would", "might" or "will" be taken, occur or be achieved.

Forward-looking information reflects the Corporation's beliefs and assumptions based on information available at the time such statements were made. Actual results or events may differ from those predicted in forward-looking information. All of the Corporation's forward-looking information is qualified by (i) the assumptions that are stated or inherent in such forward-looking information, including the assumptions listed below, and (ii) the risks described in the section entitled "Risks and Uncertainties" in this MD&A, the financial statements of the Corporation, and the sections entitled "Risk Factors" and "Cautionary Statement Regarding Forward-Looking Information" in the annual information form of the Corporation for the fiscal year ended December 31, 2016, dated March 16, 2017, which are available on SEDAR under the Corporation's issuer profile at www.sedar.com.

Although the Corporation believes that the assumptions underlying the forward-looking information contained in this MD&A are reasonable, this list is not exhaustive of the factors that may affect any forward-looking information. The key assumptions



that have been made in connection with forward-looking information include the following: the significance of drill results and ongoing exploration activities; ability of exploration activities (including drill results) to accurately predict mineralization; the predictability of geological modelling; the the accuracy of the Corporation's records of its property interests; the global economic climate; metal prices; environmental risks; community and non-governmental actions; that permits required for the Corporation's operations will be obtained on a timely basis in order to permit the Corporation to proceed on schedule with its planned drilling programs; that skilled personnel and contractors will be available as the Corporation's operations continue to grow; that the price of gold will exceed levels that will render the project of the Corporation economical; and that the Corporation will be able to continue raising the necessary capital to finance its operations and realize on its mineral resource estimates.

Forward-looking information involves known and unknown risks, future events, conditions, uncertainties and other factors which may cause the actual results, performance or achievements to be materially different from any future results, performance or achievements expressed or implied by forward-looking information. Such factors include, among others, general business, economic, competitive, political and social uncertainties; the actual results of current exploration activities; errors in geological modelling; conclusions of economic evaluations; changes in project parameters as plans continue to be refined; future prices of metals; possible variations of grade or recovery rates; failure of plant and equipment or processes to operate as anticipated; accidents, labour disputes and other risks of the mining industry; political instability; and delays in obtaining governmental approvals or financing or in the completion of development or construction activities.

Although the Corporation has attempted to identify important factors that could cause actual actions, events or results to differ materially from those described in forward-looking information, there may be other factors that cause actions, events or results to differ from those anticipated, estimated or intended. Forward-looking information contained herein is given as of the date of this MD&A and the Corporation disclaims any obligation to update any forward-looking information, whether as a result of new information, future events or results, except as may be required by applicable securities laws. There can be no assurance that forward-looking information will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Accordingly, readers should not place undue reliance on forward-looking information.

21. RISKS AND UNCERTAINTIES

The Corporation's business, being the acquisition, exploration, and development of mineral properties in Canada, is speculative and involves a high degree of risk. Certain factors, including but not limited to the ones described below, could materially affect the Corporation's financial condition and/or future operating results, and could cause actual events to differ materially from those described in forward-looking statements made by or relating to the Corporation. See "*Forward-Looking Information*". The reader should carefully consider these risks as well as the information disclosed in the Corporation's financial statements, the Corporation's annual information form dated March 16, 2017, and other publicly filed disclosure regarding the Corporation, available under the Corporation's issuer profile on SEDAR at (www.sedar.com).

22. ADDITIONAL INFORMATION

Additional information regarding the Corporation can be found in the annual information form dated March 16, 2017, which is available under the Corporation's issuer profile on SEDAR at (www.sedar.com).