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Eagle Ridge Mining Ltd.  
2020 Soil Sampling Report: King Gold Property

Date: February 2, 2021  
NTS: 042A02

# 2020 Soil Sampling Report King Gold Property Eagle Ridge Mining Ltd.

Claims: 177885 and 549994

Baden Township

Larder Lake Mining Division

517000E  
5323000N  
17N NAD83

Prepared By: Alexander Hodson, M.Sc.  
Joerg Kleinboeck, B.Sc., P.Geo.

Date: February 2, 2021

## Contents

Executive Summary.....	1
1.0 Introduction.....	2
2.0 Property Details.....	2
2.1 Location and Access.....	2
2.2 Topography and Vegetation.....	3
2.3 Claims.....	4
3.0 Previous Work.....	5
4.0 Geology.....	6
4.1 Regional Geology.....	6
4.2 Property Geology.....	6
5.0 Soil Sampling Program.....	7
5.1 Description of Work Program.....	7
5.2 Results of Soil Sampling.....	7
6.0 Conclusions and Recommendations.....	9
7.0 References.....	10
Appendix A: Statement of Qualifications.....	11
Appendix B: Soil Sample Descriptions.....	13
Appendix C: Assay Certificate.....	17

## List of Tables

Table 1: Claim Details.....	4
Table 2: Past Exploration Work on the King Property.....	5
Table 3: Selected Soil Sample Highlights.....	7

## List of Figures

Figure 1: Approximate location of the King Property, Matachewan, Ontario .....	3
Figure 2: Outline of the King Gold Property.....	4
Figure 3: Plot of soil sampling results .....	8

## Appendices

Appendix A: Statement of Qualifications
Appendix B: Soil Sample Descriptions
Appendix C: Assay Certificate

## Maps

Map 1: Sample Locations

Map 2: Sample Results

## EXECUTIVE SUMMARY

The King Gold Project (the “Property”) is located within Baden Township, situated within the Larder Lake Mining Division, Northeastern Ontario. The producing Young-Davidson Gold Mine located near Matachewan, operated by Alamos Gold Inc., lies only 7 km south of the Property. The claims assessed herein (177885 and 549994) are wholly owned by Eagle Ridge Mining Ltd. (formerly Tamarack Gold Resources Inc.).

On September 11<sup>th</sup>, 2020, a total of 60 soil samples were collected JMK Exploration Consulting on mining claims 177885 and 549994. The purpose of this sampling program was to evaluate the projected eastern extension of the King Shear Zone (“KSZ”) that hosts the King showing where there is limited outcrop exposure. Soil samples were obtained from the B-Horizon (10-20 cm depth) by a single sampler using a Dutch auger. The sampling area consisted of two E-W traverses across the southern portion of the aforementioned claims. The two traverses were separated by approximately 50 m, and used a GPS for control. Samples were taken along each traverse with approximately 25 m spacing between sample sites.

The sampling program was designed as a first approach to evaluating the potential of the KSZ to the east of a known gold occurrence in an area that has seen limited exploration. While the bulk of the samples were found to contain only background levels of gold (<5 ppb Au), six samples were found to have anomalous gold values (>15 ppb). Samples K-047 (653 ppb Au), K-050 (20 ppb Au), and K-051 (39 ppb Au) were located in the proximity to the King showing, while samples K-026 (127 ppb Au), K-039 (19 ppb Au), and K-055 (106 ppb Au) were collected further east (up to 400m) and south of the projected extension of the KSZ. The anomalous samples located to the east of the King showing suggest that there is potential for the KSZ to extend further east of what has been historically outlined.

Follow up to this program should include infill soil sampling around the eastern anomalies as well as prospecting “up-ice” from the anomalous samples and along the inferred strike of the KSZ. Depending on the results from the prospecting and additional soil samples, it may be worth considering mechanized stripping to further investigate any areas of interest.

## **1.0 INTRODUCTION**

On behalf of Eagle Ridge Mining Inc., JMK Exploration Consulting was requested to complete a technical report for assessment purposes on a soil sampling program performed on the King Gold Property. On September 11<sup>th</sup>, 2020, JMK Exploration Consulting collected 60 soil samples using a Dutch auger. The sampling area consisted of two E-W traverses across the southern portion of the aforementioned claims. The two traverses were separated by approximately 50 m, using a GPS for control. Samples were taken along each traverse with approximately 25 m spacing between sample locations. Six samples were found to have anomalous gold values (>15 ppb). Samples K-047 (653 ppb Au), K-050 (20 ppb Au), and K-051 (39 ppb Au) were located in the proximity to the King showing, while samples K-026 (127 ppb Au), K-039 (19 ppb Au), and K-055 (106 ppb Au) were collected further east (up to 400m) and south of the projected extension of the KSZ. The anomalous samples located to the east of the King showing suggest that there is potential for the KSZ to extend further east of what has been historically outlined.

## **2.0 PROPERTY DETAILS**

### **2.1 Location and Access**

The Property is located within Baden Township, situated in the Larder Lake Mining Division, Northeastern Ontario. The Property is located approximately 65 km WSW of Kirkland Lake, and about 10 km NNW of the community of Matachewan (see Figure 1). The producing Young-Davidson Gold Mine near Matachewan, operated by Alamos Gold Inc., lies only 7 km south of the Property. Matachewan is located on highway 66 (approximately 55km from Kirkland Lake), the Property can be accessed from here by traveling approximately 15 km north-west on highway 566 to a boat launch on Mistinikon Lake. A boat can then be taken northward across the lake from the launch to within walking distance of the claims near the Matachewan Falls.

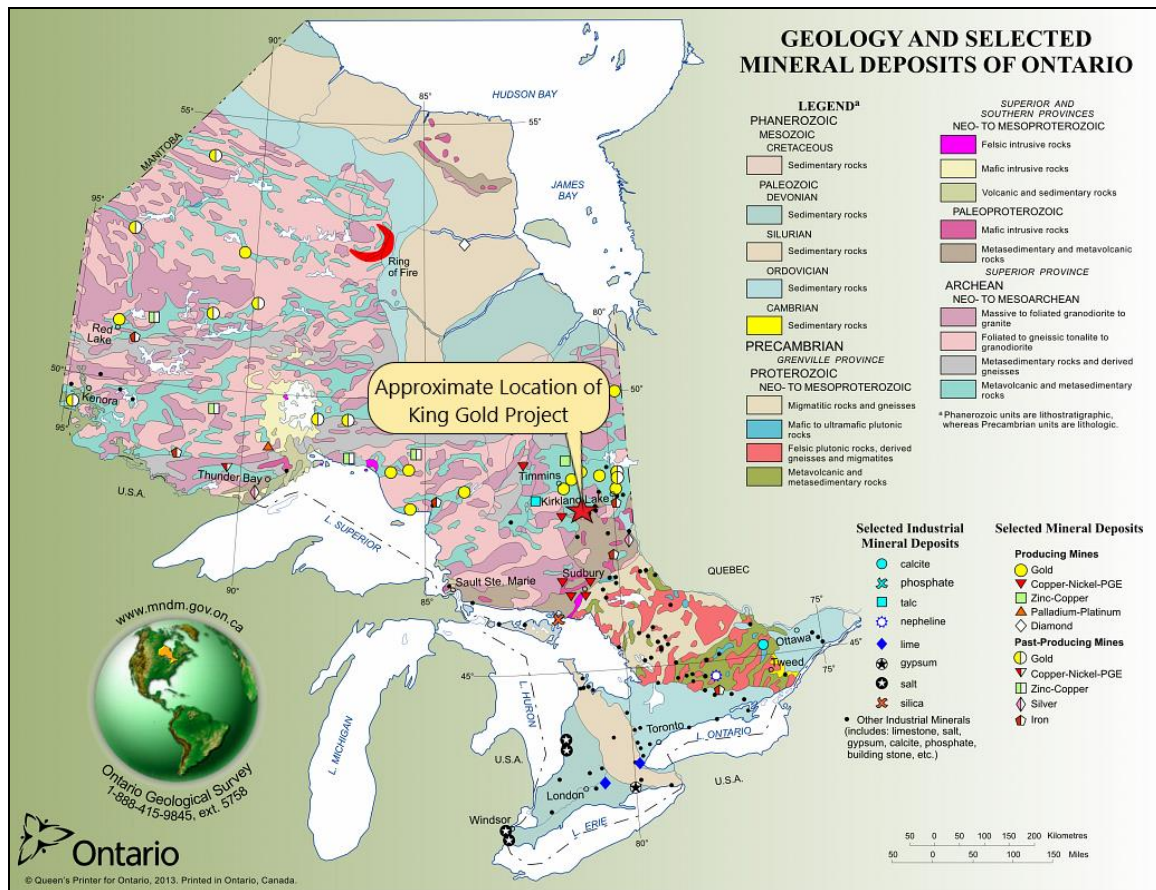


Figure 1. Approximate location of the King Gold Property, Matachewan, Ontario.

## 2.2 Topography and Vegetation

The topography of the King Property is characterized by relatively gentle relief with broad rolling hills that rarely exceed 25 m of elevation above the low-lying bogs. The average elevation of the property is about 325 m above sea level. There are several ponds and muskegs filling the troughs within the property area. The Matachewan area is vegetated by conifer-dominated boreal forest. Local forest stands typically include balsam fir, black spruce and white birch with some white spruce and trembling aspen (Taylor et al., 2009). Soils are fairly shallow but widespread, and generally have a silty to sandy texture.

## 2.3 Claims

The Property includes two mining claims assessed herein (177885 and 549994) that lie within Baden Township. The Property is approximately centered at UTM coordinates 520960 E, 5321660 N (NAD83, zone 17N), and is covered by National Topographic System (NTS) map sheet 042A02. Details for claims 177885 and 549994 can be found in Table 1. The claims are wholly owned by Eagle Ridge Mining Ltd., formerly named Tamarack Gold Resources Inc. at the time of the survey.

Table 1: Claim Details

Township	Tenure ID	Anniversary Date	Work Required (\$)	Work Applied (\$)	Total Reserve (\$)
Baden	177885	2021-05-12	400	0	48
Baden	549994	2021-05-16	400	0	0



Figure 2. Outline of the King Property with surrounding lakes.  
 (Image Adapted from: Mining Lands Administration System).



### 3.0 PREVIOUS WORK

The earliest work reported on the King Property included trenching and channel sampling carried out by Sylvanite Gold Mines in 1940. Selected channel samples graded 6.5 g/t Au over 5.2m and 17 g/t Au over 1.5m (OAFD KL-1334, MDI42A02SE00029). After a 30 year hiatus, exploration of the Property was resumed by multiple successive claim holders in the early 1970's, which mainly featured trenching, EM and magnetic surveys (OAFD KL-0169). Chip samples obtained from blasted pits in 1973 by Larch, J.P. returned assay values ranging from 1.5 to 18.9g/t Au (MDI42A02SE0130). Northim Mines Inc. placed 5 diamond drill holes on the property in 1976, unfortunately the assay results could not be found. A land caution established in 1978 restricted exploration work on the property (subject to Section 38f of the Mining Act), resulting in another hiatus. After the caution was lifted in April 1995, the land was re-staked and exploration continued through the late 1990's. Work carried out by claim owners during this period included blasting and trenching, as well as VLF and magnetic surveys. The VLF survey carried out by Cardinal Exploration Services in 1997 defined four E-W EM conductors that likely represent shear zones. The accompanying magnetic survey did not reveal any specific magnetic signature associated with these conductors (Roy, 1999; MDI42A02SE2008). Channel sampling of old trenches in 1996, 1997 and 1998 produced assay results ranging from 8 to 21.7 g/t Au (MDI42A02SE2006, MDI42A02SE2008, MDI42A02SE0046). No further work was reported on the property until the ground was re-staked by Eagle Ridge Mining Inc. (formerly Tamarack Gold Resources Inc.) in 2015. That year, the company conducted a brief prospecting program to relocate the previously trenched shear zone (King showing) and obtain grab samples. Eight grab samples were collected, with assay results varying from 74 ppb to 30 g/t Au (Azis, 2017). A summary of past exploration work is illustrated in Table 2.

Table 2: Past Exploration Work on the King property

Year	Company	Work Performed
1940	Sylvanite Gold Mines Ltd	pitting and trenching
1971	King, M	trenching
1973	Larche, J.P	electromagnetic survey and trenching
1975	August Porcupine Gold Mines Ltd	line cutting, ground magnetic and EM surveys
1976	Northim Mines Inc	diamond drilling of five holes
1996	Welsh and Kiernicki	trench cleaning
1997	Cardinal Exploration Services	magnetic and VLF surveys
1998	Maude Lake Exploration Ltd	blasting and channel sampling
2015	Tamarack Gold Resources Inc	reconnaissance and grab sampling

## 4.0 GEOLOGY

### 4.1 Regional Geology

The King property is located within the auriferous Abitibi Sub-province of the Superior Province. The Abitibi Greenstone Belt is composed of ENE trending Archean felsic to mafic metavolcanics with resultant metasediments, cut by granitoid intrusions and dyke swarms (Roy, 1999; MDI42A02SE2008). Dimroth et al. (1982) has indicated that the oldest rocks in the area tholeiitic basalts from the Middle Formation of the Tisdale Group (equivalent to the Kinojevis Group in Quebec). These are locally overlain by clastic sedimentary rocks of the Porcupine Group, including fine grained sediments to conglomerates, but have not been reported on the property. These formations are overlain by the Upper Formation of the Tisdale Group, which is composed of calc-alkaline basaltic to andesitic metavolcanics. This formation is stratigraphically equivalent to the Blake River Group in Quebec. These lithologies are overlain or cut by units of the Timiskaming Group, consisting of an alkali volcanic and plutonic suite with fluvial sediments. Muller et al. (1994) has suggested that this group was deposited in successor basins controlled by fault activity. The Larder Lake Cadillac fault (LLCF) is the primary fault zone in the area, the western extremity of which is located approximately 10 km south of the property (Azis, 2017). The LLCF is known to branch off into multiple major structures between Kirkland Lake and Matachewan. The area is also transected by the NNW-trending Montreal River fault system, which links the Timmins, Matachewan and Cobalt mining areas. A later phase of tectonism produced a profusion of N-S trending diabase dykes known as the Matachewan dyke swarm which cut through all rock units and shear zones (Fahrig et al., 1965). Lastly, all units were covered by Huronian glacial sediments which are generally sub-horizontal and make up most of the local surface features (Roy, 1999; MDI42A02SE2008).

### 4.2 Property Geology

The Property is predominantly underlain by Keewatin volcanics which have been intruded by dykes of varying composition including diabase, syenite and quartz porphyry. A major contact reported by Roy (1999; MDI42A02SE2008) along the southern boundary of Mistinikon Lake indicates that the primary lithologies should trend approximately N 70-80°, parallel to the observed schistosity. A notable E-W shear zone on the property, referred to as the King showing, hosts auriferous mineralization and is located within legacy claim L4275750 (now in claims 177885 and 549994). The mineralization in this zone consists of disseminated pyrite and gold bearing quartz - iron carbonate veins hosted by intermediate to mafic volcanics metamorphosed to sericite-chlorite-iron carbonate schists (Roy, 1999; MDI42A02SE2008; Azis, 2017). The shear zone contains a series of parallel shears which extend for a length of over 150m and have widths ranging from 9 to 15 m. These shears contain quartz stringers and follow a strike of N 80°, with a dip of 80° towards the south. Wall rock around the shears is noted to be pyritized and greatly altered (MDI42A02SE00029). Roy (1999; MDI42A02SE2008) has suggested that this structure presents a 3 km long target, though surface exposure is limited to 200 m.

## 5.0 SOIL SAMPLING PROGRAM

### 5.1 Description of Work Program

On September 11<sup>th</sup>, 2020, a total of 60 soil samples were collected by Eagle Ridge Mining Inc. on claims 177885 and 549994. Soil samples were obtained from the B-Horizon (10-20 cm depth) by a single sampler using a Dutch auger. The sampling area consisted of two E-W traverses across the southern portion of the aforementioned claims. The two traverses were separated by approximately 50 m, using a GPS for control. Samples were taken along each traverse with approximately 25 m spacing (29 and 31 samples on the upper and lower traverses, respectively). The traverses were over 800 m in length, with exception of a 175-200 m gap near the centre of the claims which could not be sampled due to the presence of a pond and the surrounding bog.

### 5.2 Results of Soil Sampling

The sampling program was designed as a first approach to evaluating the potential of the KSZ to the east of a known gold occurrence in an area that has seen very limited exploration. While the bulk of the samples were found to contain only background levels of gold (<5 ppb Au), six samples were found to have anomalous gold values (>15 ppb). Samples K-047 (653 ppb Au), K-050 (20 ppb Au), and K-051 (39 ppb Au) were in the proximity to the King showing, while samples K-026 (127 ppb Au), K-039 (19 ppb Au), and K-055 (106 ppb Au) were collected further east (up to 400 m) and south of the projected extension of the KSZ (Figure 3). Several samples had slightly elevated levels of zinc and cobalt, and all samples generally had background levels of silver, iron and arsenic. Selected results from the soil sampling are available in Table 3.

Table 3: Selected Soil Sample Highlights

Sample	Analyte			
	Au (ppb)	Cu (ppm)	Zn (ppm)	Co (ppm)
K-002	13	5	35	6
K-008	7	8	36	8
K-018	8	11	31	5
K-026	127	6	20	6
K-030	19	13	50	12
K-034	5	15	54	10
K-037	9	4	23	8
K-043	13	11	27	8
K-046	2	23	53	17
K-047	653	23	36	19
K-048	13	14	34	12
K-050	20	7	41	8
K-051	39	11	47	10
K-055	106	8	29	8
K-064	9	4	24	5
K-067	8	14	38	13

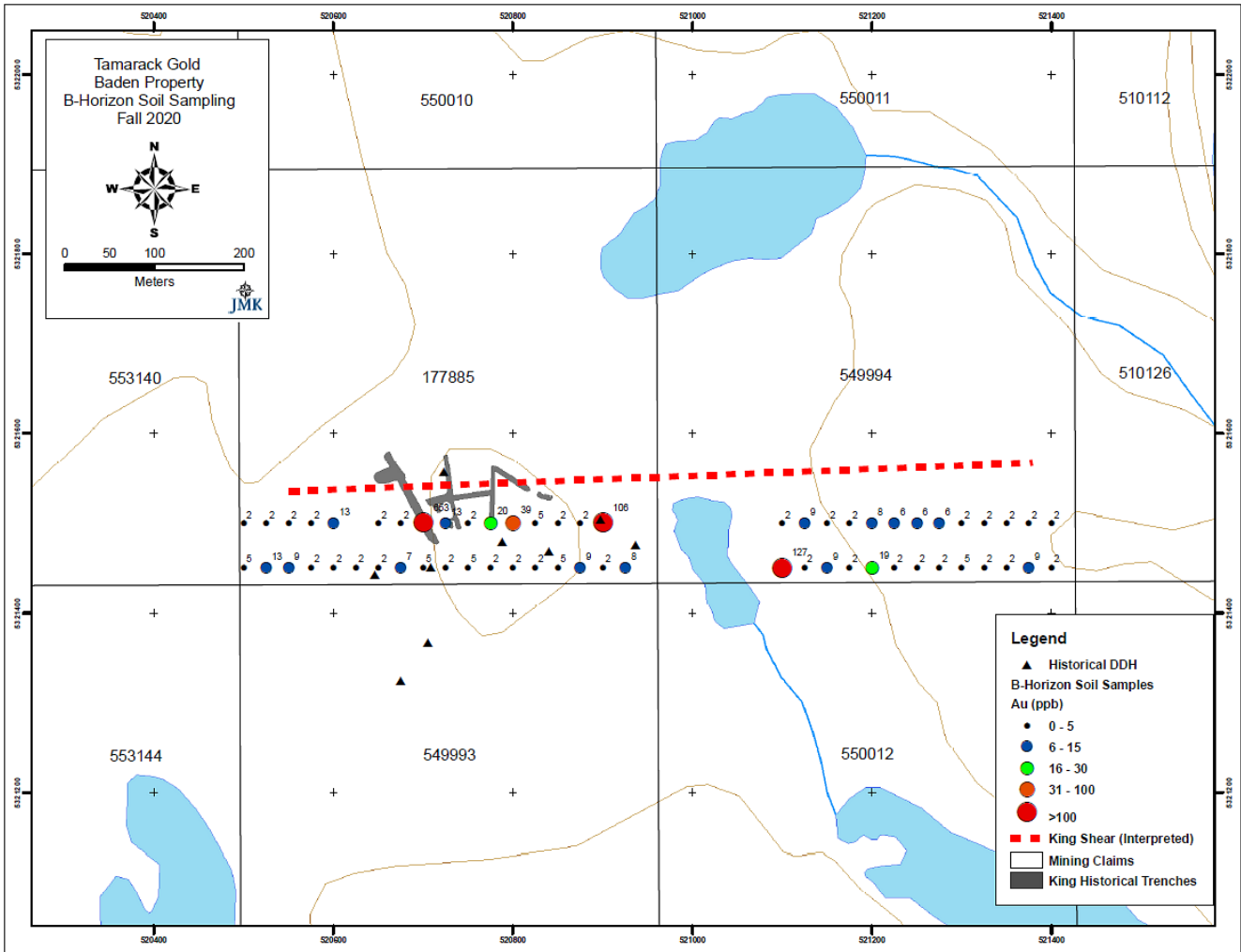


Figure 3. Geographical plot of soil sampling results showing the obtained gold concentrations and their spatial relation to the historical King trenches and the inferred KSZ

## 6.0 CONCLUSIONS & RECOMMENDATIONS

The sampling program was designed as a first approach to evaluating the potential of the KSZ to the east of a known gold occurrence in an area that has seen limited exploration. While the bulk of the samples were found to contain only background levels of gold (<5 ppb Au), six samples were found to have anomalous gold values (>15 ppb). Samples K-047 (653 ppb Au), K-050 (20 ppb Au), and K-051 (39 ppb Au) were located in the proximity to the King showing, while samples K-026 (127 ppb Au), K-039 (19 ppb Au), and K-055 (106 ppb Au) were collected further east (up to 400m) and south of the projected extension of the KSZ. The anomalous samples located to the east of the King showing suggest that there is potential for the KSZ to extend further east of what has been historically mapped.

Follow up to this program should include infill soil sampling around the eastern anomalies as well as prospecting “up-ice” from the anomalous samples and along the inferred strike of the KSZ. Depending on the results from the prospecting and additional soil samples, it may be worth considering mechanized stripping to further investigate any areas of interest.

## 7.0 REFERENCES

- Azis, 2017. Assessment Work Report - Claim 4275750, Baden Township, Ontario.
- Dimroth, E., Imreh, L., Rocheleau, M., Goulet, N., 1982. Evolution of the south-central part of the Archean Abitibi belt, Quebec. Part I: Stratigraphy and paleogeographic model. Canadian Journal of Earth Sciences 19, 1729-1758.
- Fahrig, W.F., Gaucher, E.H., Larochele, A., 1965. Paleomagnetism of diabase dykes of the Canadian Shield. Canadian Journal of Earth Sciences; volume 2, pages 278-298.
- Ministry of Energy, Northern Development and Mines. Mineral Deposit Inventory for Ontario (MDI) and Ontario Assessment Files Database (OAFD), found at <https://www.geologyontario.mndm.gov.on.ca/index.html>  
Files: MDI42A02SE2006, MDI42A02SE2008 (Roy, 1999), MDI42A02SE00029, MDI42A02SE0046, MDI42A02SE0130, OAFDKL-0169, OAFDKL-1334
- Mueller, W., Donaldson, J.A., Doucet, P., 1994. Volcanic and tectono-plutonic influences on sedimentation in the Archaean Kirkland Basin, Abitibi greenstone belt, Canada, Precambrian Research, Volume 68, Issues 3–4, Pages 201-230.
- Taylor, G., Edmunds, C., Magumbe, L., Malnyk, J.C., Daniel, S.E., 2009. NI 43-101 Technical Report and Preliminary Feasibility Study on the Young-Davidson Property, Matachewan, Ontario., found at <https://www.sec.gov/Archives/edgar/data/72931/000120445909001583/ngxexh991.htm>

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2020 Soil Sampling Report: King Gold Property

## **Appendix A: Statement of Qualifications**

## Statement of Qualifications

I, Alexander Douglas Hodson of 212 Chalmers Street, Oakville, Ontario, do hereby certify that:

I am a graduate of McMaster University, Hamilton, Ontario with a M.Sc. in Earth and Environmental Sciences, 2015, and have been practising as a junior geologist since 2017.

I have a valid Ontario Prospectors Licence (#1013748).

I am in the process of obtaining G.I.T. certification with the Association of Professional Geoscientists of Ontario.

I hold no interest in Eagle Ridge Mining Ltd., and I am independent of the subject property.

A handwritten signature in black ink that reads "Alex Hodson". The signature is written in a cursive, slightly slanted style.

Alexander Douglas Hodson, M.Sc.

February 2, 2021

Oakville, Ontario



## Statement of Qualifications

I, Joerg Kleinboeck, of 147 Lakeside Dr., North Bay, Ontario, do hereby certify that:

I am a graduate of Laurentian University, Sudbury, Ontario with a B.Sc. in Geology and have been practising as a geologist since 2000.

I am a member of the Professional Geoscientists Ontario (#1411).

I have a valid Ontario Prospectors Licence (#1011091)

I hold a 10% interest in mining claim 177885.



Joerg Kleinboeck, P.Ge.  
February 2, 2021  
North Bay, Ontario

Eagle Ridge Mining Ltd.  
2020 Soil Sampling Report: King Gold Property

## **Appendix B: Soil Sample Descriptions**

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2020 Soil Sampling Report: King Gold Property

Sample	UTM E	UTM N	Depth (cm)	Colour	Slope	Texture	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Co (ppm)
K-001	520500	5321450	15	orange brown	south	silty sandy	5	0.1	5	5	16	6	5
K-002	520525	5321450	15	orange brown	west	silty sandy	13	0.1	5	5	35	3	6
K-003	520550	5321450	20	orange brown	west	silty sandy	9	0.1	8	5	29	4	8
K-004	520575	5321450	20	orange brown	west	silty sandy	2	0.1	6	6	25	3	5
K-005	520600	5321450	15	orange brown	west	silty sandy	2	0.1	11	6	45	3	12
K-006	520625	5321450	20	orange brown	west	silty sandy	2	0.1	16	8	47	3	11
K-007	520650	5321450	15	orange brown	west	silty sandy	2	0.1	10	7	31	3	6
K-008	520675	5321450	15	orange brown	west	silty sandy	7	0.1	8	6	36	1	8
K-009	520700	5321450	15	orange brown	west	silty sandy	5	0.1	7	7	29	2	6
K-010	520725	5321450	15	orange brown	west	silty sandy	2	0.1	8	7	41	1	11
K-011	520750	5321450	10	orange brown	west	silty sandy	5	0.1	8	6	19	1	4
K-012	520775	5321450	15	orange brown	west	silty sandy	2	0.1	15	5	30	1	8
K-013	520800	5321450	10	orange brown	east	silty sandy	2	0.1	6	7	28	1	6
K-014	520825	5321450	15	orange brown	east	silty sandy	2	0.1	10	8	23	1	4
K-015	520850	5321450	10	orange brown	east	silty sandy	5	0.1	15	15	57	3	5
K-016	520875	5321450	15	orange brown	east	silty sandy	9	0.1	9	8	17	3	4

Eagle Ridge Mining Ltd.  
2020 Soil Sampling Report: King Gold Property

Sample	UTM E	UTM N	Depth (cm)	Colour	Slope	Texture	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Co (ppm)
K-017	520900	5321450	10	orange brown	east	silty sandy	2	0.1	13	12	56	1	6
K-018	520925	5321450	10	orange brown	east	silty sandy	8	0.1	11	5	31	1	5
K-026	521100	5321450	15	orange brown	west	silty sandy	127	0.1	6	6	20	1	6
K-027	521125	5321450	10	orange brown	west	silty sandy	2	0.1	7	9	28	1	7
K-028	521150	5321450	10	orange brown	west	silty sandy	9	0.1	6	7	26	1	6
K-029	521175	5321450	15	orange brown	west	silty sandy	2	0.1	3	4	13	1	3
K-030	521200	5321450	10	orange brown	east	silty sandy	19	0.1	13	4	50	2	12
K-031	521225	5321450	20	brown grey	east	silty clayey	2	0.1	5	6	7	1	2
K-032	521250	5321450	15	orange brown	west	silty sandy	2	0.1	4	6	20	2	6
K-033	521275	5321450	10	orange brown	west	silty sandy	2	0.1	4	6	15	1	4
K-034	521300	5321450	10	brown	west	silty sandy	5	0.1	15	6	54	1	10
K-035	521325	5321450	10	orange brown	east	silty sandy	2	0.1	7	4	46	1	10
K-036	521350	5321450	10	orange brown	east	silty sandy	2	0.1	4	5	19	1	5
K-037	521375	5321450	15	orange brown	east	silty sandy	9	0.1	4	6	23	1	8
K-038	521400	5321450	20	orange brown	east	silty sandy	2	0.1	6	5	19	1	7
K-039	520500	5321500	10	light brown	east	silty sandy	2	0.1	2	3	8	1	2
K-040	520525	5321500	10	brown	east	silty sandy	2	0.1	5	4	24	1	5
K-041	520550	5321500	15	orange brown	east	silty sandy	2	0.1	5	6	17	2	5

Eagle Ridge Mining Ltd.  
2020 Soil Sampling Report: King Gold Property

Sample	UTM E	UTM N	Depth (cm)	Colour	Slope	Texture	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Co (ppm)
K-042	520575	5321500	20	orange brown	east	silty sandy	2	0.1	6	3	15	3	7
K-043	520600	5321500	15	orange brown	east	silty sandy	13	0.1	11	8	27	1	8
K-045	520650	5321500	20	brown	west	silty sandy	2	0.1	4	5	19	1	5
K-046	520675	5321500	5	orange brown	west	silty sandy	2	0.1	23	6	53	1	17
K-047	520700	5321500	20	orange brown	west	silty sandy	653	0.1	23	7	36	7	19
K-048	520725	5321500	5	brown	west	silty sandy	13	0.1	14	3	34	1	12
K-049	520750	5321500	5	orange brown	west	silty sandy	2	0.1	11	7	28	1	6
K-050	520775	5321500	10	orange brown	east	silty sandy	20	0.1	7	8	41	2	8
K-051	520800	5321500	10	brown	east	silty sandy	39	0.1	11	4	47	1	10
K-052	520825	5321500	10	orange brown	east	silty sandy	5	0.1	12	7	25	5	6
K-053	520850	5321500	10	tan brown	west	silty sandy	2	0.1	38	6	20	1	5
K-054	520875	5321500	20	orange brown	east	silty sandy	2	0.1	14	9	19	5	5
K-055	520900	5321500	20	orange brown	east	silty sandy	106	0.1	8	5	29	1	8
K-063	521100	5321500	10	orange brown	west	silty sandy	2	0.1	5	6	22	2	8
K-064	521125	5321500	15	brown	west	silty sandy	9	0.1	4	5	24	1	5
K-065	521150	5321500	10	orange brown	west	silty sandy	2	0.1	6	9	27	1	6
K-066	521175	5321500	10	brown	west	silty sandy	2	0.1	4	6	24	2	5
K-067	521200	5321500	15	orange brown	east	silty sandy	8	0.1	14	7	38	1	13

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 2020 Soil Sampling Report: King Gold Property

Sample	UTM E	UTM N	Depth (cm)	Colour	Slope	Texture	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Co (ppm)
K-068	521225	5321500	10	orange brown	west	silty sandy	6	0.1	4	5	21	1	5
K-069	521250	5321500	20	brown	west	silty sandy	6	0.1	4	5	21	1	6
K-070	521275	5321500	15	orange brown	west	silty sandy	6	0.1	4	7	19	1	5
K-071	521300	5321500	15	orange brown	east	silty sandy	2	0.1	5	4	25	1	6
K-072	521325	5321500	15	orange brown	east	silty sandy	2	0.1	4	5	15	1	4
K-073	521350	5321500	10	tan brown	east	silty sandy	2	0.1	4	5	37	1	7
K-074	521375	5321500	10	brown	east	silty sandy	2	0.1	5	5	36	1	6
K-075	521400	5321500	10	brown	east	silty sandy	2	0.1	5	6	31	1	6

Eagle Ridge Mining Ltd.  
2020 Soil Sampling Report: King Gold Property

## **Appendix C: Assay Certificate**



Report No.: A20-11446
Report Date: 04-Nov-20
Date Submitted: 18-Sep-20
Your Reference: King Property

JMK Exploration Consulting
147 Lakeside Dr.
North Bay ON P1A 3E1
Canada

ATTN: Joerg Kleinboeck

CERTIFICATE OF ANALYSIS

60 Soil samples were submitted for analysis.

Table with 3 columns: Analytical package(s) requested, Testing Date, and details for 1A2 and 1E3 samples.

REPORT A20-11446

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Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

Handwritten signature of Emmanuel Esemé

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

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Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
K-067	8	< 0.2	< 0.5	14	447	< 1	48	7	38	1.71	< 2	< 10	37	< 0.5	< 2	0.56	13	69	2.70	< 10	< 1	0.07	12
K-068	6	< 0.2	< 0.5	4	245	< 1	15	5	21	0.95	< 2	< 10	26	< 0.5	< 2	0.29	5	37	1.98	< 10	< 1	0.07	< 10
K-069	6	< 0.2	< 0.5	4	270	< 1	15	5	21	0.97	< 2	< 10	27	< 0.5	< 2	0.37	6	31	1.86	< 10	< 1	0.07	< 10
K-070	6	< 0.2	< 0.5	4	210	< 1	11	7	19	1.47	< 2	< 10	35	< 0.5	< 2	0.26	5	31	2.25	< 10	< 1	0.07	10
K-071	< 5	< 0.2	< 0.5	5	236	< 1	12	4	25	1.32	< 2	< 10	30	< 0.5	< 2	0.37	6	29	1.94	< 10	< 1	0.08	< 10
K-072	< 5	< 0.2	< 0.5	4	276	< 1	8	5	15	0.60	< 2	< 10	32	< 0.5	< 2	0.25	4	22	1.40	< 10	< 1	0.06	< 10
K-073	< 5	< 0.2	< 0.5	4	781	< 1	9	5	37	0.91	< 2	< 10	54	< 0.5	< 2	0.28	7	22	1.56	< 10	< 1	0.08	11
K-074	< 5	< 0.2	< 0.5	5	599	< 1	10	5	36	1.00	< 2	< 10	51	< 0.5	< 2	0.34	6	31	1.92	< 10	< 1	0.08	11
K-075	< 5	< 0.2	< 0.5	5	811	< 1	11	6	31	1.03	< 2	< 10	46	< 0.5	< 2	0.36	6	27	1.91	< 10	< 1	0.08	11

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
K-001	0.30	0.097	0.019	0.01	< 2	3	39	0.12	< 20	< 1	< 2	< 10	32	< 10	3	4
K-002	0.39	0.053	0.027	0.01	< 2	3	39	0.13	< 20	3	< 2	< 10	38	< 10	3	5
K-003	0.47	0.097	0.020	< 0.01	< 2	4	47	0.22	< 20	< 1	< 2	< 10	67	< 10	5	8
K-004	0.24	0.054	0.043	0.02	< 2	3	28	0.13	< 20	2	< 2	< 10	46	< 10	3	5
K-005	0.79	0.047	0.051	0.02	< 2	5	36	0.23	< 20	2	< 2	< 10	70	< 10	6	6
K-006	0.70	0.044	0.061	0.02	< 2	4	33	0.22	< 20	< 1	< 2	< 10	74	< 10	5	7
K-007	0.26	0.040	0.030	0.02	< 2	3	23	0.14	< 20	< 1	< 2	< 10	44	< 10	4	3
K-008	0.43	0.050	0.036	0.02	< 2	3	32	0.15	< 20	< 1	< 2	< 10	43	< 10	4	4
K-009	0.24	0.034	0.037	0.02	< 2	2	20	0.10	< 20	< 1	< 2	< 10	31	< 10	3	2
K-010	0.50	0.036	0.029	< 0.01	< 2	3	24	0.10	< 20	< 1	< 2	< 10	36	< 10	3	2
K-011	0.17	0.057	0.026	0.03	< 2	2	23	0.11	< 20	< 1	< 2	< 10	32	< 10	3	4
K-012	0.49	0.082	0.020	0.02	< 2	4	39	0.18	< 20	< 1	< 2	< 10	61	< 10	4	8
K-013	0.35	0.050	0.020	0.01	< 2	3	32	0.17	< 20	3	< 2	< 10	53	< 10	3	6
K-014	0.15	0.051	0.017	0.02	< 2	2	25	0.11	< 20	< 1	< 2	< 10	29	< 10	3	2
K-015	0.21	0.053	0.103	0.03	< 2	3	24	0.11	< 20	< 1	< 2	< 10	39	< 10	4	2
K-016	0.18	0.052	0.023	0.02	< 2	2	22	0.11	< 20	< 1	< 2	< 10	31	< 10	3	3
K-017	0.29	0.048	0.035	0.03	< 2	3	23	0.10	< 20	< 1	< 2	< 10	34	< 10	3	3
K-018	0.24	0.056	0.012	0.01	< 2	3	29	0.15	< 20	< 1	< 2	< 10	43	< 10	3	7
K-026	0.33	0.072	0.010	< 0.01	< 2	3	31	0.15	< 20	2	< 2	< 10	48	< 10	3	7
K-027	0.48	0.085	0.024	0.01	< 2	4	36	0.17	< 20	< 1	< 2	< 10	50	< 10	4	9
K-028	0.38	0.075	0.033	0.02	< 2	3	32	0.17	< 20	< 1	< 2	< 10	54	< 10	4	5
K-029	0.17	0.067	0.015	< 0.01	< 2	2	30	0.11	< 20	< 1	< 2	< 10	34	< 10	2	4
K-030	0.83	0.070	0.051	0.02	< 2	5	44	0.18	< 20	2	< 2	< 10	59	< 10	5	6
K-031	0.07	0.058	0.012	< 0.01	< 2	1	23	0.07	< 20	< 1	< 2	< 10	15	< 10	2	1
K-032	0.25	0.074	0.020	0.01	< 2	3	34	0.16	< 20	< 1	< 2	< 10	40	< 10	4	6
K-033	0.19	0.065	0.021	0.01	< 2	2	27	0.11	< 20	3	< 2	< 10	29	< 10	3	4
K-034	0.68	0.076	0.033	0.01	< 2	4	42	0.15	< 20	< 1	< 2	< 10	44	< 10	5	7
K-035	0.62	0.066	0.036	< 0.01	< 2	4	37	0.15	< 20	< 1	< 2	< 10	47	< 10	5	4
K-036	0.22	0.044	0.035	0.03	< 2	3	23	0.12	< 20	< 1	< 2	< 10	42	< 10	4	3
K-037	0.37	0.069	0.027	0.01	< 2	3	36	0.16	< 20	2	< 2	< 10	45	< 10	4	5
K-038	0.32	0.074	0.053	0.01	< 2	3	27	0.10	< 20	< 1	< 2	< 10	31	< 10	4	2
K-039	0.09	0.061	0.007	< 0.01	< 2	2	24	0.09	< 20	< 1	< 2	< 10	16	< 10	2	3
K-040	0.21	0.067	0.027	< 0.01	< 2	3	29	0.12	< 20	< 1	< 2	< 10	33	< 10	3	4
K-041	0.25	0.083	0.018	0.02	< 2	3	31	0.16	< 20	< 1	< 2	< 10	47	< 10	3	5
K-042	0.31	0.071	0.027	0.02	< 2	3	28	0.11	< 20	< 1	< 2	< 10	32	< 10	4	3
K-043	0.38	0.063	0.021	0.02	< 2	4	31	0.22	< 20	5	< 2	< 10	79	< 10	5	8
K-045	0.37	0.073	0.015	0.01	< 2	3	36	0.17	< 20	< 1	< 2	< 10	49	< 10	3	8
K-046	1.27	0.074	0.053	0.02	< 2	6	44	0.23	< 20	< 1	< 2	< 10	66	< 10	7	10
K-047	0.52	0.040	0.022	0.31	< 2	4	25	0.07	< 20	2	< 2	< 10	36	< 10	4	15
K-048	0.82	0.073	0.044	0.01	< 2	4	51	0.18	< 20	1	< 2	< 10	47	< 10	6	9
K-049	0.27	0.065	0.027	0.02	< 2	3	28	0.15	< 20	2	< 2	< 10	44	< 10	4	5
K-050	0.49	0.066	0.027	0.01	< 2	4	41	0.21	< 20	< 1	< 2	< 10	71	< 10	4	5
K-051	0.65	0.076	0.043	0.02	< 2	4	40	0.16	< 20	2	< 2	< 10	50	< 10	5	6
K-052	0.32	0.065	0.040	0.03	< 2	3	25	0.12	< 20	< 1	< 2	< 10	49	< 10	5	8
K-053	0.25	0.066	0.015	0.01	< 2	3	25	0.12	< 20	2	< 2	< 10	33	< 10	4	8
K-054	0.23	0.052	0.019	0.02	< 2	3	22	0.12	< 20	1	< 2	< 10	49	< 10	3	5
K-055	0.51	0.067	0.018	0.01	< 2	4	27	0.17	< 20	2	< 2	< 10	64	< 10	4	11
K-063	0.37	0.056	0.015	0.02	< 2	3	41	0.17	< 20	2	< 2	< 10	50	< 10	3	7
K-064	0.33	0.038	0.027	< 0.01	< 2	2	52	0.18	< 20	2	< 2	< 10	44	< 10	4	5
K-065	0.27	0.059	0.030	0.02	< 2	3	28	0.14	< 20	1	< 2	< 10	41	< 10	3	3
K-066	0.24	0.038	0.027	0.01	< 2	2	29	0.17	< 20	2	< 2	< 10	43	< 10	4	3

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
K-067	0.56	0.049	0.041	0.02	< 2	4	39	0.18	< 20	4	< 2	< 10	52	< 10	5	4
K-068	0.34	0.039	0.020	< 0.01	< 2	2	26	0.12	< 20	1	< 2	< 10	38	< 10	2	2
K-069	0.36	0.037	0.021	< 0.01	< 2	2	32	0.13	< 20	< 1	< 2	< 10	40	< 10	3	2
K-070	0.19	0.040	0.024	0.02	< 2	2	23	0.14	< 20	3	< 2	< 10	44	< 10	3	4
K-071	0.29	0.041	0.021	< 0.01	< 2	3	29	0.15	< 20	< 1	< 2	< 10	39	< 10	4	4
K-072	0.21	0.038	0.029	< 0.01	< 2	2	22	0.09	< 20	< 1	< 2	< 10	23	< 10	3	2
K-073	0.23	0.035	0.031	0.02	< 2	2	21	0.11	< 20	< 1	< 2	< 10	25	< 10	4	2
K-074	0.24	0.043	0.036	0.01	< 2	2	26	0.12	< 20	< 1	< 2	< 10	28	< 10	4	2
K-075	0.26	0.044	0.050	0.01	< 2	2	24	0.12	< 20	< 1	< 2	< 10	32	< 10	4	1

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
OREAS 922 (AQUA REGIA) Meas		2.2	< 0.5	2230	776	< 1	33	55	253	2.98	6		82	0.8	4	0.38	20	42	5.21	< 10		0.44	31
OREAS 922 (AQUA REGIA) Cert		0.851	0.28	2176	730	0.69	34.3	60	256	2.72	6.12		70	0.65	10.3	0.324	19.4	40.7	5.05	7.62		0.376	32.5
OREAS 923 (AQUA REGIA) Meas		1.6	< 0.5	4450	883	< 1	33	83	332	3.03	6		67	0.7	19	0.39	23	39	6.09	< 10		0.38	30
OREAS 923 (AQUA REGIA) Cert		1.62	0.40	4248	850	0.84	32.7	81	335	2.80	7.07		54	0.61	21.8	0.326	22.2	39.4	5.91	8.01		0.322	30.0
OREAS 907 (Aqua Regia) Meas		1.2	0.6	6090	353	5	5	35	146	1.26	35		231	1.0	14	0.25	44	8	7.86	20		0.32	33
OREAS 907 (Aqua Regia) Cert		1.30	0.540	6370	330	5.64	4.74	34.1	139	0.945	37.0		225	0.870	22.3	0.280	43.7	8.59	8.18	14.7		0.286	36.1
OREAS 251 (FA-Ancaster) Meas	486																						
OREAS 251 (FA-Ancaster) Cert	504																						
OREAS 251 (FA-Ancaster) Meas	483																						
OREAS 251 (FA-Ancaster) Cert	504																						
Oreas 621 (Aqua Regia) Meas		65.7	286	3570	549	13	21	> 5000	> 10000	1.80	83			0.6	2	1.53	29	23	3.43	< 10	4	0.31	19
Oreas 621 (Aqua Regia) Cert		68.0	278	3660	520	13.3	25.8	13600	51700	1.60	75.0			0.530	3.85	1.65	27.9	31.3	3.43	9.29	3.93	0.333	19.4
OREAS 45f (Aqua Regia) Meas				328	195	< 1	214	9	28	7.69			141	1.1	< 2	0.07	43	316	13.3	20	< 1	0.09	11
OREAS 45f (Aqua Regia) Cert				336	150	1.19	192	12.4	22.2	4.81			158	0.980	0.170	0.0750	39.2	341	13.7	20.3	0.0310	0.0820	10.7
OREAS 263 (Aqua Regia) Meas		0.2	< 0.5	91	550	< 1	70	37	138	2.03	34		194	1.4	< 2	1.02	32	53	3.92	< 10	< 1	0.37	
OREAS 263 (Aqua Regia) Cert		0.285	0.270	87.0	490	0.570	72.0	34.0	127	1.29	30.8		175	1.22	0.570	1.03	31.0	48.0	3.68	4.92	0.170	0.288	
Oreas 623 (Aqua Regia) Meas		17.6	49.5	> 10000	538	8	13	2270	9060	1.67	71			< 0.5	< 2	0.87	182	11	11.2	10	< 1	0.14	15
Oreas 623 (Aqua Regia) Cert		20.4	52.0	17200	570	8.38	15.6	2520	10100	1.80	76.0			0.370	16.9	1.09	216	19.4	13.0	11.9	0.830	0.175	17.9
Oreas 237 (fire Assay) Meas	2130																						
Oreas 237 (fire Assay) Cert	2210																						
Oreas 237 (fire Assay) Meas	2190																						
Oreas 237 (fire Assay) Cert	2210																						
K-006 Orig		< 0.2	< 0.5	16	401	< 1	34	8	49	2.31	3	< 10	32	< 0.5	< 2	0.50	12	79	4.29	< 10	< 1	0.08	11
K-006 Dup		< 0.2	< 0.5	16	397	< 1	32	7	46	2.13	3	< 10	30	< 0.5	< 2	0.49	11	74	4.02	< 10	< 1	0.07	11
K-010 Orig		< 5																					
K-010 Dup		< 5																					
K-027 Orig		< 5																					

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
K-027 Dup	< 5																						
K-031 Orig		< 0.2	< 0.5	5	200	< 1	4	6	7	0.56	< 2	< 10	64	< 0.5	< 2	0.17	2	22	1.50	< 10	< 1	0.10	< 10
K-031 Dup		< 0.2	< 0.5	5	203	< 1	5	6	7	0.60	< 2	< 10	67	< 0.5	< 2	0.18	2	23	1.58	< 10	< 1	0.10	10
K-037 Orig	9																						
K-037 Dup	9																						
K-049 Orig		< 0.2	< 0.5	10	291	< 1	14	6	28	1.89	< 2	< 10	43	< 0.5	< 2	0.35	6	40	2.83	< 10	< 1	0.10	11
K-049 Dup		< 0.2	< 0.5	11	288	< 1	15	7	28	1.97	< 2	< 10	45	< 0.5	< 2	0.37	6	43	3.01	< 10	< 1	0.11	11
K-065 Orig	< 5	< 0.2	< 0.5	6	339	< 1	20	9	27	1.74	< 2	< 10	49	< 0.5	< 2	0.35	6	44	2.92	< 10	< 1	0.09	11
K-065 Split PREP DUP	6	< 0.2	< 0.5	6	336	< 1	17	9	26	1.71	3	< 10	45	< 0.5	< 2	0.32	6	41	2.81	< 10	< 1	0.08	11
K-065 Dup	< 5																						
K-072 Orig	< 5																						
K-072 Dup	5																						
K-073 Orig	< 5																						
K-073 Dup	< 5																						
K-075 Orig		< 0.2	< 0.5	5	813	< 1	11	7	31	1.02	< 2	< 10	47	< 0.5	< 2	0.36	6	27	1.90	< 10	< 1	0.08	12
K-075 Dup		< 0.2	< 0.5	5	808	< 1	10	6	31	1.03	< 2	< 10	46	< 0.5	< 2	0.37	6	26	1.92	< 10	< 1	0.08	10
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
OREAS 922 (AQUA REGIA) Meas	1.27	0.021	0.061	0.36	< 2	4	16		< 20		< 2	< 10	33	< 10	19	33
OREAS 922 (AQUA REGIA) Cert	1.33	0.021	0.063	0.386	0.57	3.15	15.0		14.5		0.14	1.98	29.4	1.12	16.0	22.3
OREAS 923 (AQUA REGIA) Meas	1.38		0.058	0.67	2	3	14		< 20		< 2	< 10	32	< 10	17	36
OREAS 923 (AQUA REGIA) Cert	1.43		0.061	0.684	0.58	3.09	13.6		14.3		0.12	1.80	30.6	1.96	14.3	22.5
OREAS 907 (Aqua Regia) Meas	0.22	0.077	0.023	0.06	5	2	12	0.03	< 20	< 1	< 2	< 10	5	< 10	6	46
OREAS 907 (Aqua Regia) Cert	0.221	0.0860	0.0240	0.0660	2.28	2.16	11.7	0.0170	8.04	0.230	0.120	2.15	5.12	0.980	6.52	43.7
OREAS 251 (FA-Ancaster) Meas																
OREAS 251 (FA-Ancaster) Cert																
OREAS 251 (FA-Ancaster) Meas																
OREAS 251 (FA-Ancaster) Cert																
Oreas 621 (Aqua Regia) Meas	0.40	0.149	0.034	4.29	120	2	20		< 20		< 2	< 10	11	< 10	7	65
Oreas 621 (Aqua Regia) Cert	0.436	0.160	0.0335	4.50	107	2.20	18.9		5.91		0.770	1.63	10.9	1.00	6.87	55.0
OREAS 45f (Aqua Regia) Meas	0.16	0.033	0.022	0.02		28	16	0.15	< 20		< 2	< 10	190		5	34
OREAS 45f (Aqua Regia) Cert	0.152	0.0320	0.0220	0.0270		31.4	13.2	0.0970	7.67		0.120	1.09	217		6.74	30.0
OREAS 263 (Aqua Regia) Meas	0.59	0.075	0.044	0.12	10	4	19		< 20	< 1	< 2	< 10	27		12	
OREAS 263 (Aqua Regia) Cert	0.593	0.0790	0.0410	0.126	7.37	3.52	16.9		10.6	0.210	0.530	1.28	22.8		12.0	
Oreas 623 (Aqua Regia) Meas	0.91	0.058	0.042	7.74	22	4	14		< 20	< 1	< 2	< 10	13	< 10	6	53
Oreas 623 (Aqua Regia) Cert	1.11	0.0680	0.0400	8.75	20.2	4.63	14.2		4.72	0.570	0.260	1.43	15.8	2.62	7.43	50.0
Oreas 237 (fire Assay) Meas																
Oreas 237 (fire Assay) Cert																
Oreas 237 (fire Assay) Meas																
Oreas 237 (fire Assay) Cert																
K-006 Orig	0.72	0.045	0.062	0.03	< 2	4	32	0.23	< 20	1	< 2	< 10	76	< 10	5	7
K-006 Dup	0.68	0.043	0.060	0.02	< 2	4	33	0.22	< 20	< 1	< 2	< 10	73	< 10	5	7
K-010 Orig																
K-010 Dup																
K-027 Orig																

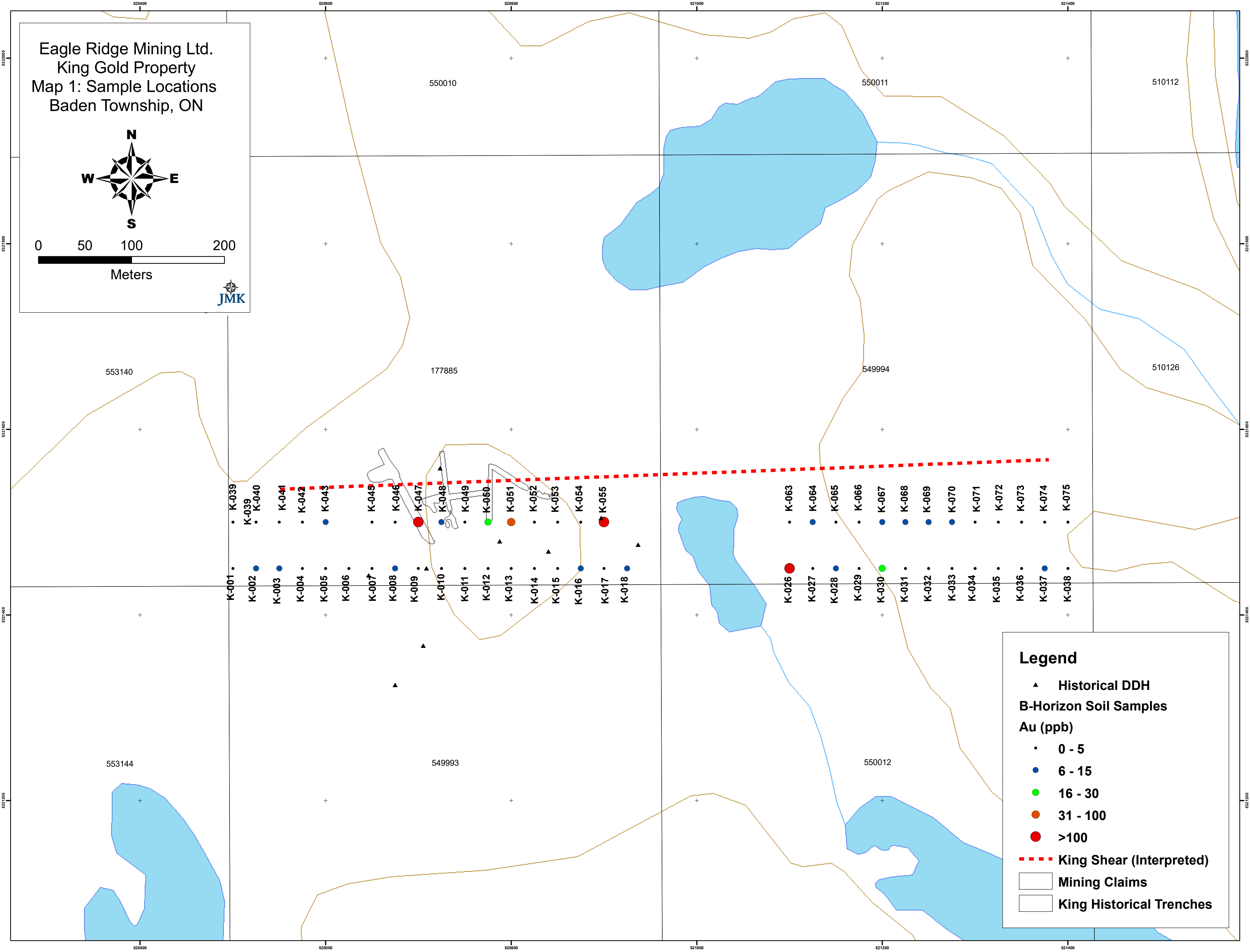
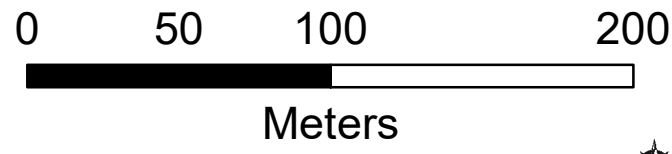
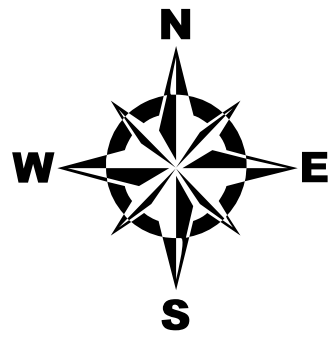
Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
K-027 Dup																
K-031 Orig	0.07	0.056	0.012	< 0.01	< 2	1	23	0.07	< 20	< 1	< 2	< 10	14	< 10	2	1
K-031 Dup	0.07	0.059	0.012	< 0.01	< 2	1	23	0.08	< 20	< 1	< 2	< 10	15	< 10	2	1
K-037 Orig																
K-037 Dup																
K-049 Orig	0.26	0.064	0.027	0.02	< 2	3	29	0.15	< 20	2	< 2	< 10	43	< 10	4	5
K-049 Dup	0.28	0.067	0.027	0.02	< 2	3	28	0.15	< 20	1	< 2	< 10	44	< 10	4	5
K-065 Orig	0.27	0.059	0.030	0.02	< 2	3	28	0.14	< 20	1	< 2	< 10	41	< 10	3	3
K-065 Split PREP DUP	0.24	0.048	0.030	0.02	< 2	2	25	0.13	< 20	1	< 2	< 10	39	< 10	3	3
K-065 Dup																
K-072 Orig																
K-072 Dup																
K-073 Orig																
K-073 Dup																
K-075 Orig	0.26	0.045	0.050	0.01	< 2	2	24	0.12	< 20	< 1	< 2	< 10	32	< 10	4	2
K-075 Dup	0.27	0.043	0.050	0.01	< 2	2	25	0.12	< 20	1	< 2	< 10	32	< 10	4	1
Method Blank																
Method Blank																
Method Blank																
Method Blank																
Method Blank	< 0.01	0.005	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.006	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.005	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1



Eagle Ridge Mining Ltd.  
2020 Soil Sampling Report: King Gold Property

## **Maps**

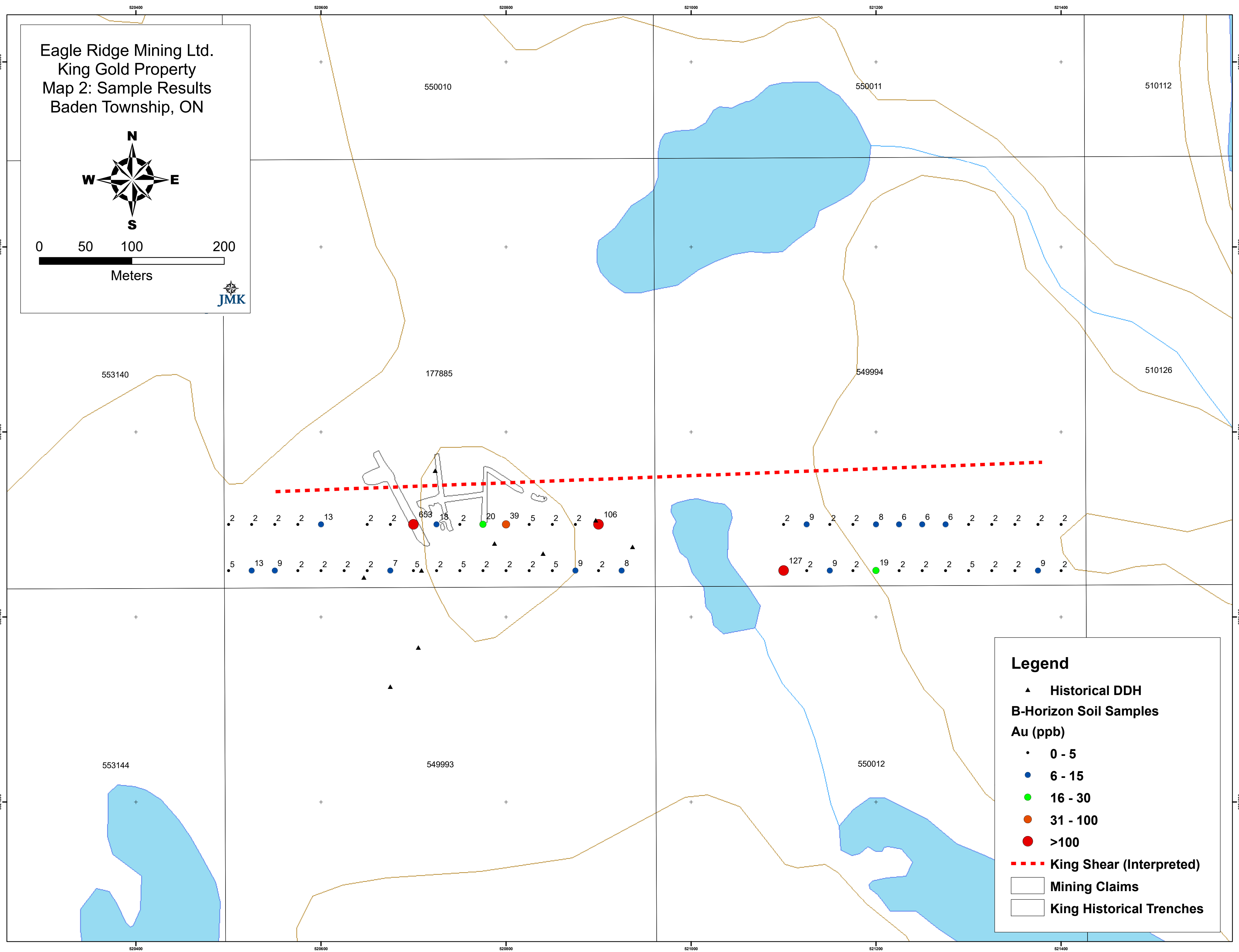
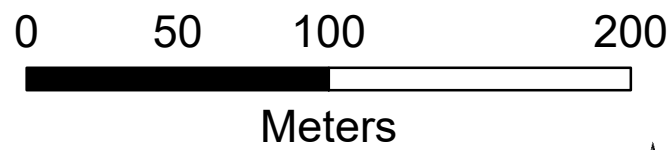
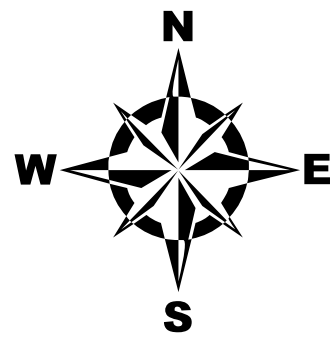
Eagle Ridge Mining Ltd.  
King Gold Property  
Map 1: Sample Locations  
Baden Township, ON



**Legend**

- ▲ Historical DDH
- B-Horizon Soil Samples**
- Au (ppb)**
- 0 - 5
- 6 - 15
- 16 - 30
- 31 - 100
- >100
- King Shear (Interpreted)
- ▭ Mining Claims
- ▭ King Historical Trenches

Eagle Ridge Mining Ltd.  
King Gold Property  
Map 2: Sample Results  
Baden Township, ON



**Legend**

- ▲ Historical DDH
- B-Horizon Soil Samples Au (ppb)**
  - 0 - 5
  - 6 - 15
  - 16 - 30
  - 31 - 100
  - >100
- King Shear (Interpreted)
- ▭ Mining Claims
- ▭ King Historical Trenches