

2012 ASSESSMENT REPORT

for the

Kiwi Project

Whitehorse Mining District

Map sheet 105-J-12

Center of Work

Latitude 62°36'N, Longitude 131°51'W

Volume I - Report

Prepared for:

Omineca Mining and Metals Ltd.

Suite 200, 44-12th Ave S.

Cranbrook, BC

V1C 2R7

By

Mike McCuaig, B.Sc.

TerraLogic Exploration Services

Suite 200, 44-12th Ave S.

Cranbrook, BC

V1C 2R7

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SUMMARY

The Kiwi property is comprised of 145 contiguous quartz claims totaling 2910.75 hectares, located 75 km northeast of Ross River and is situated 25 km west of the North Canol Road. The property is located within the Whitehorse mining district on NTS map sheet 105-J-12 with a centre latitude and longitude point of 62°36'N, 131°51'W. The property was discovered in 1997 by Teck Resources Ltd. during regional exploration of the area.

The project targets high-grade epithermal auriferous quartz veins, stringers and quartz breccia within silicified clastic rocks of the Road River Group. Mineralization appears to be spatially related to variably altered quartz feldspar porphyry dykes of probable Cretaceous age.

The 2012 exploration program consisted of two days of reconnaissance geologic mapping, prospecting, and stream sediment surveys on the 113 new quartz claims acquired by Omineca Mining and Metals Ltd., rimming the pre-2011 tenure area.

The Kiwi property has the potential to host both high grade epithermal and low grade bulk tonnage gold mineralization. Exploration on the property is severely hampered by the lack of exposed outcrop, very thick till cover and overall poor soil development.

An encouraging silt sample result (JBKWS006) from the 2012 program indicate that highly anomalous (408 ppb Au) concentrations of gold occur within the main channel of Kakapo Creek, 3.3 km north of the VG showing. Further work is recommended to follow up on this gold anomaly, and the high-grade mineralization discovered at the VG showing in 1997.

Total 2012 expenditures on the Kiwi property were \$26,500.

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INTRODUCTION

The Kiwi property is comprised of 145 contiguous quartz claims totaling 2910.75 hectares, located 85 km northeast of Ross River and is situated 25 km west of the North Canol Road. The property is located within the Whitehorse mining district on NTS map sheet 105-J-12 with a centre lat and long point of 62°36'N, 131°51'W. The property was discovered in 1997 by Teck during regional exploration of the area.

The project targets high-grade epithermal auriferous quartz veins, stringers and quartz breccias within silicified clastic rocks of the Road River Group. Mineralization appears to be spatially related to variably altered quartz feldspar porphyry dykes of probable Cretaceous age.

Work on the property has occurred during the 1997, 1998, 2010, and 2011 field seasons and consisted of geologic mapping, soil surveys, 194 m² of trenching in 12 trenches, and 354.0 meters of diamond drilling in one diamond drill hole. The Kiwi property exhibits potential to host both high-grade epithermal style Au mineralization along with bulk tonnage Au mineralization associated with 100 m scale alteration packages within the host sediments. Open geochemical soil anomalies (Au, Ag and As) to the north and south along strike of the mineralized system make it an excellent candidate for further geochemical exploration programs.

Physiography and Access

The Kiwi property can be accessed via helicopter charter from Ross River, which is roughly 75 km to the southwest of the property. The closest staging ground for the property is at the Dragon Lake boat launch off the Canol Road, 25 km to the west of the property. The closest airstrip is at Twin Creeks, located another 11 km up the Canol Road from Dragon Lake.

The claims lie in a low lying area south of the Riddell River within the Yukon Plateau. Outcrop exposure is extremely poor but does exist along some of the creek drainages. Elevations on the property range from 900 m to 1300 m. Vegetation includes trees, buckbrush and moss. Most of the property was burned in a forest fire sometime in the early 1990's. The ground in the low areas of the property, especially in the south, is commonly saturated with water and form thick moss cover over permafrost.

140°0'0"W

135°0'0"W

130°0'0"W

125°0'0"W



Kiwi Property

Figure 1 - Property Location Map

Projection - GCS WGS 84

Scale - 1: 4,000,000

04/12/2012

65°0'0"N

65°0'0"N

60°0'0"N

60°0'0"N

0 50 100 200 Km

135°0'0"W

130°0'0"W

Legend



Kiwi Property



City

--- Territorial Boundary

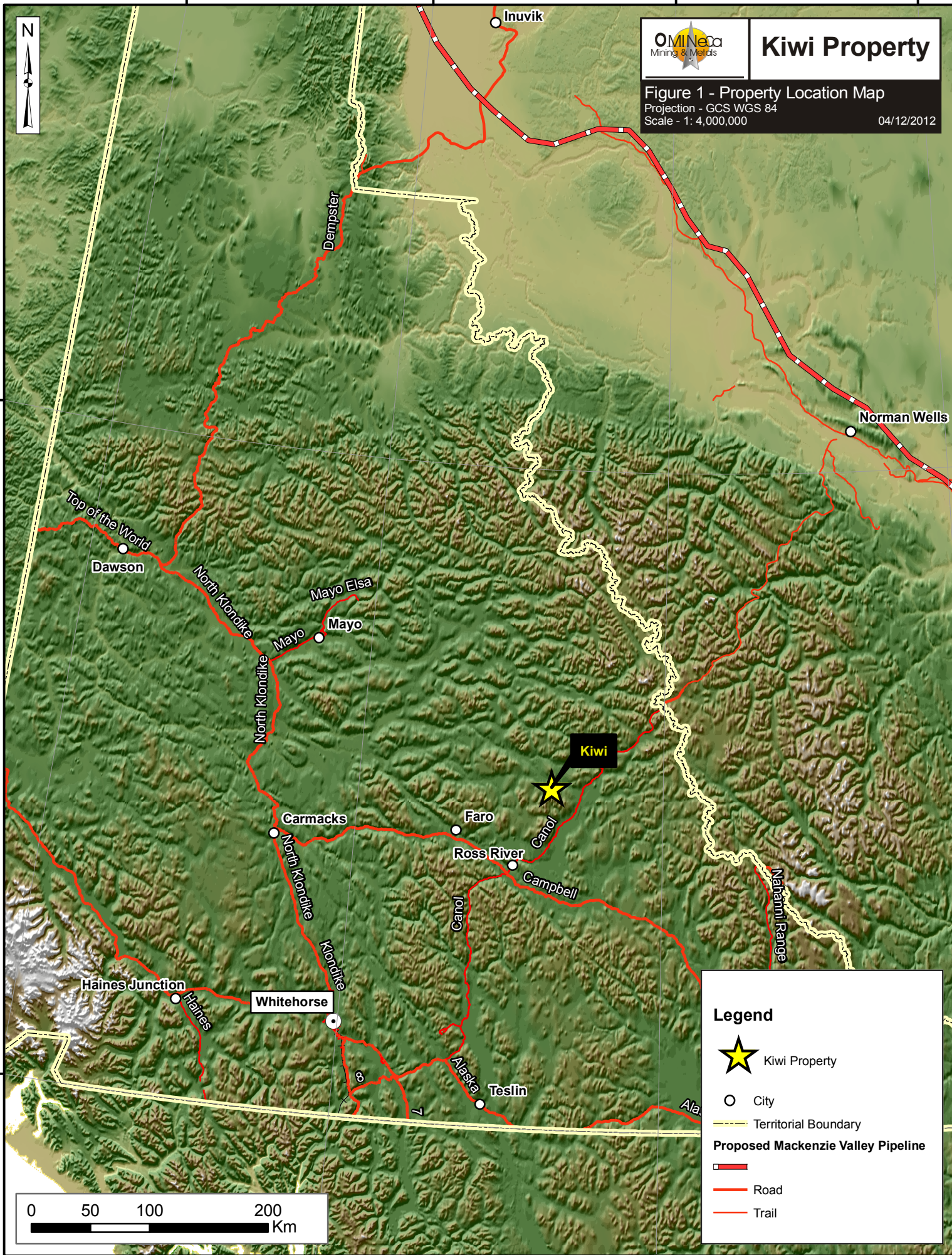
Proposed Mackenzie Valley Pipeline



Road



Trail



Tenure

The Kiwi property is comprised of 145 contiguous quartz claims totaling 2910.75 hectares. The mineral claim boundaries have not yet been legally surveyed. Title to the claims is held 100% in the name of “Omineca Mining and Metals Ltd.” Quartz claim information is provided in Table 1:

Table 1 – Kiwi Quartz Claim Information

Grant Number	Quartz Claim Status	Quartz Claim Name	Owner	Date Recorded	Expiry Date	Mining District	NTS Map Sheet
YD20201	Active	KIWI 1	Omineca Mining and Metals Ltd. - 100%	2/15/2010	2/15/2020	Whitehorse	105J12
YD20202	Active	KIWI 2	Omineca Mining and Metals Ltd. - 100%	2/15/2010	2/15/2020	Whitehorse	105J12
YD20203	Active	KIWI 3	Omineca Mining and Metals Ltd. - 100%	2/15/2010	2/15/2020	Whitehorse	105J12
YD20204	Active	KIWI 4	Omineca Mining and Metals Ltd. - 100%	2/15/2010	2/15/2020	Whitehorse	105J12
YD20205	Active	KIWI 5	Omineca Mining and Metals Ltd. - 100%	2/15/2010	2/15/2020	Whitehorse	105J12
YD20206	Active	KIWI 6	Omineca Mining and Metals Ltd. - 100%	2/15/2010	2/15/2020	Whitehorse	105J12
YD20207	Active	KIWI 7	Omineca Mining and Metals Ltd. - 100%	2/15/2010	2/15/2020	Whitehorse	105J12
YD20208	Active	KIWI 8	Omineca Mining and Metals Ltd. - 100%	2/15/2010	2/15/2020	Whitehorse	105J12
YD20209	Active	KIWI 9	Omineca Mining and Metals Ltd. - 100%	2/15/2010	2/15/2020	Whitehorse	105J12
YD20210	Active	KIWI 10	Omineca Mining and Metals Ltd. - 100%	2/15/2010	2/15/2020	Whitehorse	105J12
YD20211	Active	KIWI 11	Omineca Mining and Metals Ltd. - 100%	2/15/2010	2/15/2020	Whitehorse	105J12
YD20212	Active	KIWI 12	Omineca Mining and Metals Ltd. - 100%	2/15/2010	2/15/2020	Whitehorse	105J12
YD20213	Active	KIWI 13	Omineca Mining and Metals Ltd. - 100%	2/15/2010	2/15/2020	Whitehorse	105J12
YD20214	Active	KIWI 14	Omineca Mining and Metals Ltd. - 100%	2/15/2010	2/15/2020	Whitehorse	105J12
YD20215	Active	KIWI 15	Omineca Mining and Metals Ltd. - 100%	2/15/2010	2/15/2020	Whitehorse	105J12
YD20216	Active	KIWI 16	Omineca Mining and Metals Ltd. - 100%	2/15/2010	2/15/2020	Whitehorse	105J12
YD20217	Active	KIWI 17	Omineca Mining and Metals Ltd. - 100%	2/15/2010	2/15/2020	Whitehorse	105J12
YD20218	Active	KIWI 18	Omineca Mining and Metals Ltd. - 100%	2/15/2010	2/15/2020	Whitehorse	105J12
YD20219	Active	KIWI 19	Omineca Mining and Metals Ltd. - 100%	2/15/2010	2/15/2020	Whitehorse	105J12
YD20220	Active	KIWI 20	Omineca Mining and Metals Ltd. - 100%	2/15/2010	2/15/2020	Whitehorse	105J12
YD20221	Active	KIWI 21	Omineca Mining and Metals Ltd. - 100%	2/15/2010	2/15/2020	Whitehorse	105J12
YD20222	Active	KIWI 22	Omineca Mining and Metals Ltd. - 100%	2/15/2010	2/15/2020	Whitehorse	105J12
YD20223	Active	KIWI 23	Omineca Mining and Metals Ltd. - 100%	2/15/2010	2/15/2020	Whitehorse	105J12

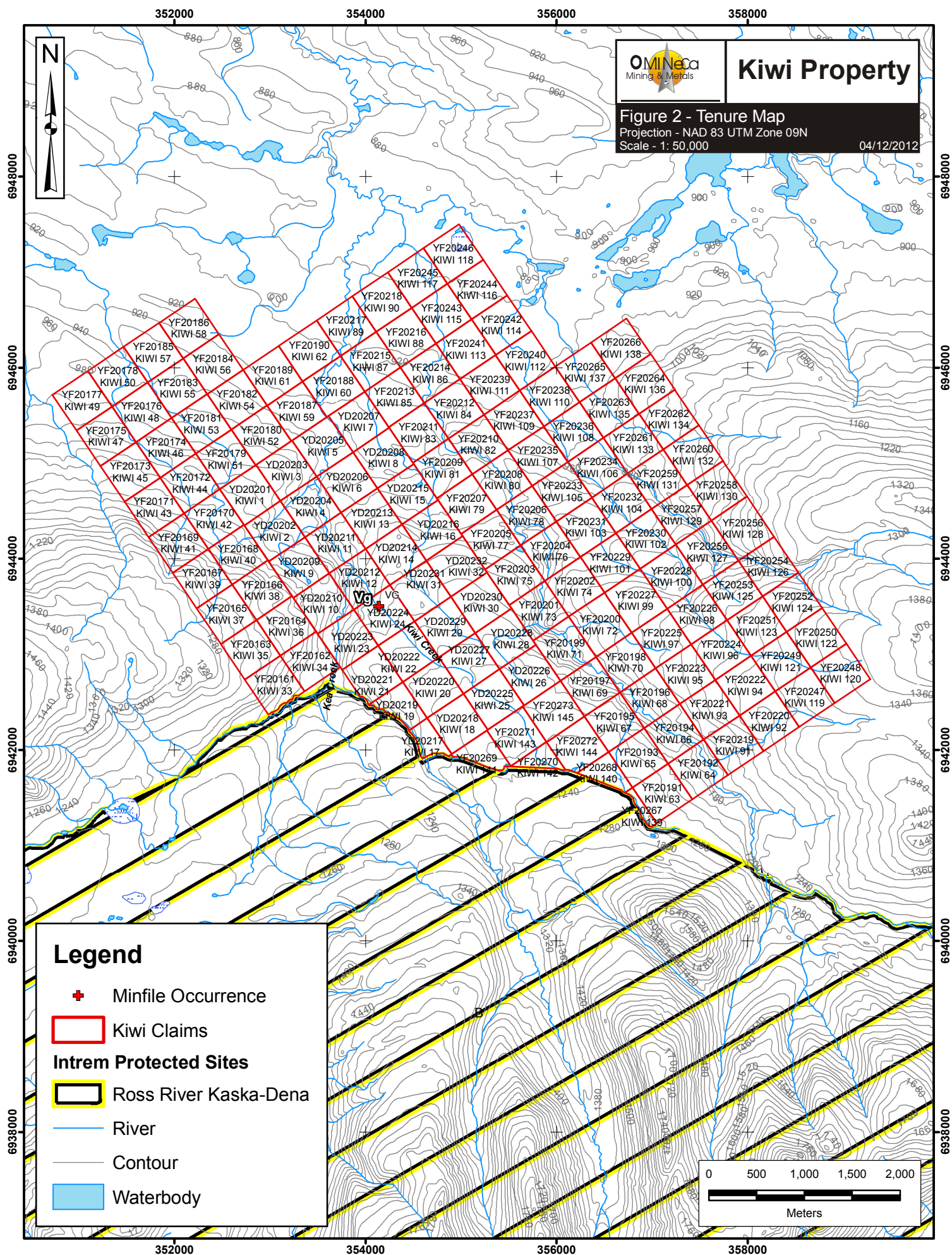
Grant Number	Quartz Claim Status	Quartz Claim Name	Owner	Date Recorded	Expiry Date	Mining District	NTS Map Sheet
YD20224	Active	KIWI 24	Omineca Mining and Metals Ltd. - 100%	2/15/2010	2/15/2020	Whitehorse	105J12
YD20225	Active	KIWI 25	Omineca Mining and Metals Ltd. - 100%	2/15/2010	2/15/2020	Whitehorse	105J12
YD20226	Active	KIWI 26	Omineca Mining and Metals Ltd. - 100%	2/15/2010	2/15/2020	Whitehorse	105J12
YD20227	Active	KIWI 27	Omineca Mining and Metals Ltd. - 100%	2/15/2010	2/15/2020	Whitehorse	105J12
YD20228	Active	KIWI 28	Omineca Mining and Metals Ltd. - 100%	2/15/2010	2/15/2020	Whitehorse	105J12
YD20229	Active	KIWI 29	Omineca Mining and Metals Ltd. - 100%	2/15/2010	2/15/2020	Whitehorse	105J12
YD20230	Active	KIWI 30	Omineca Mining and Metals Ltd. - 100%	2/15/2010	2/15/2020	Whitehorse	105J12
YD20231	Active	KIWI 31	Omineca Mining and Metals Ltd. - 100%	2/15/2010	2/15/2020	Whitehorse	105J12
YD20232	Active	KIWI 32	Omineca Mining and Metals Ltd. - 100%	2/15/2010	2/15/2020	Whitehorse	105J12
YF20161	Active	KIWI 33	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20162	Active	KIWI 34	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20163	Active	KIWI 35	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20164	Active	KIWI 36	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20165	Active	KIWI 37	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20166	Active	KIWI 38	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20167	Active	KIWI 39	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20168	Active	KIWI 40	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20169	Active	KIWI 41	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20170	Active	KIWI 42	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20171	Active	KIWI 43	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20172	Active	KIWI 44	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20173	Active	KIWI 45	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20174	Active	KIWI 46	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20175	Active	KIWI 47	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20176	Active	KIWI 48	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20177	Active	KIWI 49	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20178	Active	KIWI 50	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20179	Active	KIWI 51	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12

Grant Number	Quartz Claim Status	Quartz Claim Name	Owner	Date Recorded	Expiry Date	Mining District	NTS Map Sheet
YF20180	Active	KIWI 52	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20181	Active	KIWI 53	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20182	Active	KIWI 54	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20183	Active	KIWI 55	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20184	Active	KIWI 56	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20185	Active	KIWI 57	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20186	Active	KIWI 58	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20187	Active	KIWI 59	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20188	Active	KIWI 60	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20189	Active	KIWI 61	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20190	Active	KIWI 62	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20191	Active	KIWI 63	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20192	Active	KIWI 64	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20193	Active	KIWI 65	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20194	Active	KIWI 66	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20195	Active	KIWI 67	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20196	Active	KIWI 68	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20197	Active	KIWI 69	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20198	Active	KIWI 70	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20199	Active	KIWI 71	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20200	Active	KIWI 72	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20201	Active	KIWI 73	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20202	Active	KIWI 74	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20203	Active	KIWI 75	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20204	Active	KIWI 76	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20205	Active	KIWI 77	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20206	Active	KIWI 78	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20207	Active	KIWI 79	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12

Grant Number	Quartz Claim Status	Quartz Claim Name	Owner	Date Recorded	Expiry Date	Mining District	NTS Map Sheet
YF20208	Active	KIWI 80	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20209	Active	KIWI 81	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20210	Active	KIWI 82	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20211	Active	KIWI 83	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20212	Active	KIWI 84	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20213	Active	KIWI 85	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20214	Active	KIWI 86	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20215	Active	KIWI 87	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20216	Active	KIWI 88	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20217	Active	KIWI 89	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20218	Active	KIWI 90	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20219	Active	KIWI 91	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20220	Active	KIWI 92	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20221	Active	KIWI 93	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20222	Active	KIWI 94	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20223	Active	KIWI 95	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20224	Active	KIWI 96	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20225	Active	KIWI 97	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20226	Active	KIWI 98	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20227	Active	KIWI 99	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20228	Active	KIWI 100	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20229	Active	KIWI 101	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20230	Active	KIWI 102	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20231	Active	KIWI 103	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20232	Active	KIWI 104	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20233	Active	KIWI 105	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20234	Active	KIWI 106	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20235	Active	KIWI 107	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12

Grant Number	Quartz Claim Status	Quartz Claim Name	Owner	Date Recorded	Expiry Date	Mining District	NTS Map Sheet
YF20236	Active	KIWI 108	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20237	Active	KIWI 109	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20238	Active	KIWI 110	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20239	Active	KIWI 111	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20240	Active	KIWI 112	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20241	Active	KIWI 113	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20242	Active	KIWI 114	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20243	Active	KIWI 115	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20244	Active	KIWI 116	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20245	Active	KIWI 117	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20246	Active	KIWI 118	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20247	Active	KIWI 119	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20248	Active	KIWI 120	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20249	Active	KIWI 121	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20250	Active	KIWI 122	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20251	Active	KIWI 123	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20252	Active	KIWI 124	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20253	Active	KIWI 125	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20254	Active	KIWI 126	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20255	Active	KIWI 127	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20256	Active	KIWI 128	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20257	Active	KIWI 129	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20258	Active	KIWI 130	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20259	Active	KIWI 131	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20260	Active	KIWI 132	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20261	Active	KIWI 133	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20262	Active	KIWI 134	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20263	Active	KIWI 135	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12

Grant Number	Quartz Claim Status	Quartz Claim Name	Owner	Date Recorded	Expiry Date	Mining District	NTS Map Sheet
YF20264	Active	KIWI 136	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20265	Active	KIWI 137	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20266	Active	KIWI 138	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20267	Active	KIWI 139	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20268	Active	KIWI 140	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20269	Active	KIWI 141	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20270	Active	KIWI 142	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20271	Active	KIWI 143	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20272	Active	KIWI 144	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12
YF20273	Active	KIWI 145	Omineca Mining and Metals Ltd. - 100%	8/22/2011	8/22/2012	Whitehorse	105J12



HISTORY AND PREVIOUS WORK

The Ross River area was first explored in 1880 by Robert Campbell of the Hudsons Bay Company. Prospectors entered the country via the Liard River around the 1880's looking for placer gold deposits, which they found in minor amounts in the Finlayson River. Prospecting activity increased dramatically in the 1950's and 1960's with the discovery of the Anvil lead-zinc deposit at Faro. In the 1990's a large exploration rush occurred in the area due to the discovery of the Kutz ze Kayah and Wolverine massive sulphide deposits in the Finlayson Lake area. Also in the late 1990's, was an exploration boom in the "Tintina Gold Belt" for Intrusive-hosted gold mineralization associated with mid-Cretaceous intrusions. Since then, the Ross River area has experienced an increase in exploration activity and many mineral occurrences in the Selwyn Basin are being re-visited.

The Kiwi property was first discovered by Teck in 1997. A gossan was located on the western bank of Kiwi Creek while conducting regional exploration of the area (Discovery Zone). Kiwi Creek is a northwesterly flowing tributary of Kea Creek which flows northerly into the Riddell River. Subsequent examination of the gossan revealed the presence of visible gold. No previous work is documented in the area but AGIP conducted exploration on an epithermal showing 15 km to the south in the early 1980's.

Work conducted by Teck Resources Ltd in 1997 consisted of five small hand trenches in close proximity to the VG showing and the Discovery Zone along with a 15 line km soil sampling grid centred on the Discovery Zone. A grab sample of the local float from the VG Showing returned 115.6 g/t Au and 32.7 g/t Ag. The trenching program returned widespread anomalous values for Au and As but not high enough to be of economic interest. The soiling program returned six anomalous zones, focusing on anomalous values for Au, Ag and As.

Work conducted by Teck Resources Ltd. in 1998 consisted of trenching, soil sampling and geological mapping/prospecting. Twelve trenches (six of which reached bedrock) were completed in 1998, mostly focused in the Discovery Zone, with one trench in the North Zone, to follow up anomalies located during the 1997 program. The trenching was able to expand the extent of the alteration in the Discovery Zone but still did not come back with results of economic interest with the highest value returned for Au at 735 ppb. The soil sample grid was expanded another 37 line km. The soil program was able to delineate a few more low order Au, Ag and As anomalies.

Work conducted during the 2010 exploration program by Copper Canyon Resources Ltd. consisted of ground geochemical soil sampling, rock chip sampling of selected historic trenches, geochemical orientation surveys, exploration pits and an airborne geophysical survey consisting of 130 line kilometers at 100 meter line spacing. An exploration camp was set up on the property for the duration of the program from July 15-29th. Access to the property was via helicopter chartered out of Ross River.

The rock sampling and subsequent screen metallic analysis confirmed the historic results from the trenches around the Discovery zone. The highest results returned 0.5 g/t Au over 2 m (T-11).

Geochemical orientation pits were dug directly over the Discovery zone. The soil profile is highly variable but consists of very poor development of any B horizon and thick till cover of unknown depth at certain locations on the property. An ash layer also exists over the most of the property.

constrain the contact between the intrusive and shale units. The XRF analyzer was used to evaluate exploration pits and to determine a geochemical orientation of the property.

The Geochemical Soil and MMI surveys identified one highly prospective Au-As anomaly in the eastern extent of line KW44+00N. The 100 m by 25 m anomaly is situated on the contact zone between the intrusive and shale units. Further investigation is warranted at this locality.

Work conducted during the 2011 exploration program by Omineca Mining and Metals Ltd., consisted of 354.0 meters of coring in one diamond drill hole. The drill hole was collared to intersect the down dip extension of the VG Showing trench which returned 115.6 g/t Au and 32.7 g/t Ag in a grab sample. Although high-grade gold mineralization was not discovered in the drill hole, it was successful in identifying zones of extensive silicification, sericitization, and pyrite mineralization associated with brecciated porphyry dykes. Both core and surface samples collected in the area of the VG showing failed to duplicate the spectacular assay values from the 1997 program.

GEOLOGY

The following geologic description of the property is taken from Jean Paulter's 1998 Assessment Report on the Kiwi Property.

Regional Geology Description

The regional geology of the Kiwi occurrence is represented on the Sheldon (105 J) and Tay River (105 K) Map Sheets, Map 19-1987 by Gordey and Irwin.

Folded clastic sedimentary rocks of the Ordovician to Silurian Road River Group, locally overlain by Devono-Mississippian Earn Group clastics, are exposed, in part as a horst, beneath a down dropped block of the mid Cretaceous South Fork Volcanic Complex. Fold axes trend northwesterly and an anticlinal trace is shown that may pass through the Kiwi Showing area.

Property Geology Description

There is very limited exposure on the Kiwi property and fairly extensive till cover. The outcrop is largely confined to creek banks and to the top of knolls in the western claim area, which is higher in elevation.

The oldest rocks exposed on the property are the clastic sedimentary rocks of the Road River Group (Unit 1) which primarily consist of black, commonly graphitic shales with minor black grit. The shales are probably more extensive than mapped due to recessive weathering, with exposures primarily confined to the creeks. They are known to underlie the southern claim area and are exposed along Kea, Kiwi, and Kakapo Creeks.

The clastic sedimentary rocks are overlain by volcanic rocks which are thought to represent the mid Cretaceous South Fork Volcanic Complex (Unit 2). The volcanic rocks are exposed primarily along Kea Creek and just west of the Discovery Zone in Trench 98-12. They include massive brownish weathering biotite, quartz, hornblende, feldspar crystal lithic tuffs and minor debris flows. They appear to grade into subvolcanic quartz, feldspar porphyry (QFP) equivalents (Unit 3). Fragments in the tuff are commonly altered to chlorite, and clots of pyrite are common. Andesitic feldspar porphyry of Unit

2-3 is also exposed along Kea Creek.

Both of the above units are intruded by dykes and sills of quartz, feldspar porphyritic quartz monzonite (Unit 3). It is unclear whether the quartz monzonite is associated with the mid Cretaceous Selwyn Plutonic Suite (possibly subvolcanic to the South Fork Volcanic Complex) or as a subvolcanic to the Tertiary rhyolitic quartz-sanidine porphyry which is known to outcrop to the west of the property. It appears that the QFP grades into Unit 2 because it is often difficult to differentiate between them. The quartz feldspar porphyry is primarily exposed in the western and south-eastern claim areas.

Mineralization

Visible gold was discovered, associated with fine white, drusy quartz stringers in silicified black shale, on the western bank of Kiwi Creek (VG Showing) while conducting regional exploration of the area. Two veins are evident in the VG Showing area, both at or proximal to the quartz monzonite/shale contacts. Vein 1 appears to trend 020-025°/85°E, varies from 0.3 to 1.0m wide and has been traced for 12m (the strike extents are covered by overburden). Quartz stringers, stockworking and silicification is also common in the Discovery Zone (a 135m long gossanous exposure in Kiwi Creek). Sulfide minerals include pyrite, arsenopyrite or arsenian pyrite and orpiment.

The Kiwi North Zone, 800 m north of the Discovery Zone, is centred at the contact between pyritized QFP (00444,47-48,50) and the black shale (00445-46,49) along a fault zone was further exposed. The contact trends 310°/50°W and the fault trends 150-170°/80°SW. The QFP is deeply weathered, pyritic, limonitic and clay altered.

Drusy quartz stringers, minor silicification, pervasive clay to propylitic alteration and pyritization, ±pyrrhotite are evident in the New Zone, 700m west of the Discovery Zone (00462-75, 77-87).

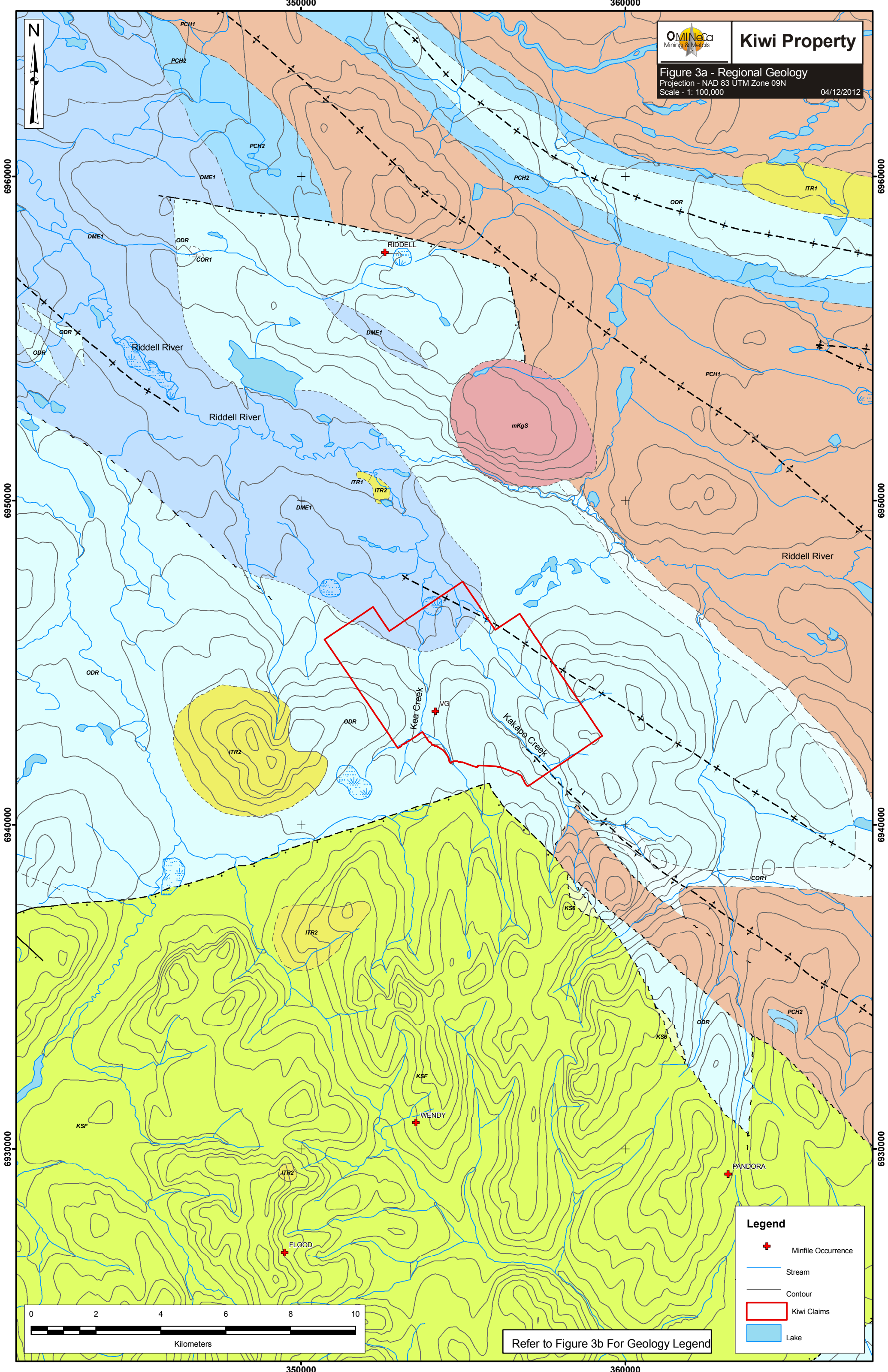
Alteration

Three alteration zones have been discovered on the property, the Discovery, North and New Zones. At the Discovery Zone, alteration is most evident in the intrusive rocks and consists of clay, sericite, pyrite and silicification. Silicification with pyritization and some sericitization also occurs in the shales. The 1998 trenching program extended the size of the Discovery Alteration Zone to 200x100m, open in three directions. At the North Zone, the exposed alteration is less extensive, not as intense and appears to be restricted to the intrusive rocks.

Property mapping and prospecting outlined a new alteration zone, at least 100m x 75m in size, 700m to the west of the Discovery Zone. The alteration appears to be higher level or more distal with more propylitization and only minor silicification.

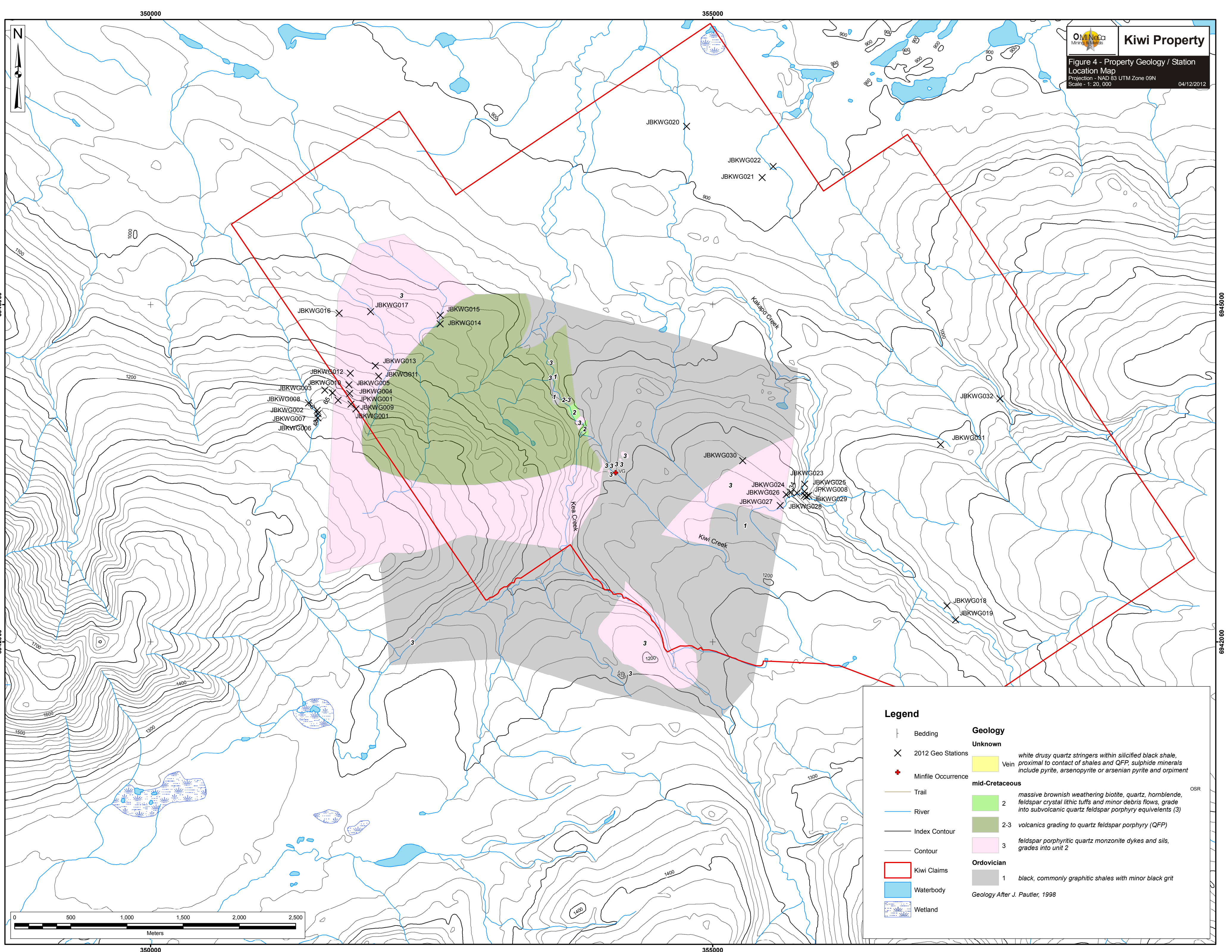
Structure

A major fault appears to trend 160°/70-90°W, parallel to Kiwi Creek in the vicinity of the VG showing. This primary direction locally varies between 140° and 180°. A secondary fault set trends approximately 120°/60°NE. Contacts are commonly faulted along or at least parallel to the main structural direction.



QUATERNARY	
	Q: QUATERNARY: unconsolidated glacial, glaciofluvial and glaciolacustrine deposits; fluvialite silt, sand, and gravel, and local volcanic ash, in part with cover of soil and organic deposits
LOWER TERTIARY, MOSTLY(?) EOCENE	
	ITR1: ROSS: locally amygdaloidal, dark grey-green olivine basalt necks and flows; subaerial and subaqueous (locally pillowed); volcanoclastic rocks; minor olivine gabbro; locally plagioclase-phyric basalt and diabase dykes; minor shale and conglomerate
	ITR2: ROSS: rhyolite flows, tuffs, ash-flow tuffs and breccias, locally laminated; small stocks and necks of white weathering, flow-banded, quartz-sanidine porphyry to granite porphyry, locally obsidian bearing; local shale, sandstone and conglomerate
MID-CRETACEOUS	
	mKgS: SELWYN SUITE: resistant, blocky, fine to coarse grained equigranular to porphyritic (K-feldspar) biotite quartz monzonite and granodiorite and minor quartz diorite; minor leuco-quartz monzonite and syenite (Selwyn Suite)
	KSF: SOUTH FORK: dark brown weathering, locally columnar jointed, massive, densely welded, biotite-quartz-hornblende-feldspar crystal tuff (South Fork Volcanics)
LOWER CRETACEOUS	
	KS6: SHARP MOUNTAIN: dark grey weathering massive to poorly bedded chert sandstone and chert pebble conglomerate; fluvial(?) (Big Timber)
DEVONIAN AND MISSISSIPPIAN	
	DME1: EARN: thin bedded, laminated slate with thin to thickly interbedded fine to medium grained chert-quartz arenite and wacke; thick members of chert pebble conglomerate; black siliceous siltstone; nodular and bedded barite; rare limestone (Earn Gp., Portrait Lake and Prevost)
ORDOVICIAN TO LOWER DEVONIAN	
	ODR: ROAD RIVER - SELWYN: black shale and chert (1) overlain by orange siltstone (2) or buff platy limestone (3); locally contains beds as old as Middle Cambrian (4); correlations with basinal strata in Richardson Mountains include: ODR1 with CDR2 (upper part) and ODR2 with CDR4 (Road River Gp.)
UPPER CAMBRIAN AND ORDOVICIAN	
	COR1: RABBITKETTLE: thin bedded, wavy banded, silty limestone and grey lustrous calcareous phyllite; limestone intraclast breccia and conglomerate; massive to laminated, grey quartzose siltstone and chert and rare black slate; local mafic flows, breccia, and tuff (Rabbitkettle)
UPPER PROTEROZOIC TO LOWER CAMBRIAN	
	PCH1: HYLAND: thin to thick bedded, brown to pale green shale, fine to coarse grained quartz-rich sandstone, grit, and quartz pebble conglomerate; minor argillaceous limestone; phyllite, quartzofeldspathic and micaceous psammite, gritty psammite and minor marble (Hyland Gp., Yusezyu)
	PCH2: HYLAND: grey weathering, dark grey to grey white, thin to thick bedded, very fine crystalline limestone, locally sandy; calc-silicate and marble; may locally include carbonate members within (1) or (4) (Hyland Gp., Algae Lake , limestone member of Yusezyu)

Legend	Thrust Overturned	Yukon Folds	Yukon Contacts
Yukon Faults		Type, Orientation, Control	Type, Control
Dextral			
Defined	Defined		Assumed
Approximate	Approximate	Anticline, Overturned, Inferred	Observed
Assumed	Assumed	Anticline, Inferred	Inferred
Extrapolated	Extrapolated	Monocline, Inferred	
Sinistral			
Defined	Defined	Syncline, Overturned, Inferred	
Approximate	Approximate	Syncline, Inferred	
Assumed	Assumed	Anticline, Overturned, Assumed	
Extrapolated	Extrapolated	Anticline, Assumed	
Normal/Reverse			
Defined	Extrapolated	Syncline, Overturned, Assumed	
Approximate	Defined	Syncline, Assumed	
Assumed	Approximate	Anticline, Overturned, Observed	
Extrapolated	Assumed	Anticline, Observed	
	Extrapolated	Monocline, Observed	
		Syncline, Overturned, Observed	
		Syncline, Observed	



Legend

- Bedding
- 2012 Geo Stations
- Minfile Occurrence
- Trail
- River
- Index Contour
- Contour
- Kiwi Claims
- Waterbody
- Wetland

Geology

Unknown

Vein white drusy quartz stringers within silicified black shale, proximal to contact of shales and QFP, sulphide minerals include pyrite, arsenopyrite or arsenian pyrite and orpiment

mid-Cretaceous

2 massive brownish weathering biotite, quartz, hornblende, feldspar crystal lithic tuffs and minor debris flows, grade into subvolcanic quartz feldspar porphyry equivalents (3)

2-3 volcanics grading to quartz feldspar porphyry (QFP)

3 feldspar porphyritic quartz monzonite dykes and sills, grades into unit 2

Ordovician

1 black, commonly graphitic shales with minor black grit

Geology After J. Pautler, 1998

2012 EXPLORATION PROGRAM

The 2012 work consisted of 4 man days of geologic mapping, prospecting, and geochemical surveys. TransNorth Helicopters was contracted to mobilize the two person field crew from Ross River, located approximately 75 km south of the Kiwi Property.

The goal of the program was to assess the precious and base metal potential of the 113 new quartz claims acquired by Omineca Mining and Metals Ltd., rimming the main pre-2011 tenure area.

A total of 10 rock samples and 25 silt samples were collected during the 2012 field season. All samples were shipped to AGAT laboratories, 5623 McAdam Road, Mississauga, Ontario, Canada. Multi-element analysis were completed for each sample submitted. Refer to Appendix III for detailed descriptions of field sampling techniques and analytical procedures.

Total expenditures for the 2012 program were \$26,500.

2012 EXPLORATION RESULTS

Geology

Rock Types

Two days were spent mapping two separate, gossanous bedrock exposures within the bounds of the Kiwi tenure. The first day was spent mapping on the western boundary of the claim group. The far west limit of the property is underlain by dark grey, thin to medium bedded shale which has been cross-cut by a swarm of porphyritic feldspar-hornblende-quartz dykes. Where dykes are present, the black shales are moderately to intensely silicified and exhibit gossanous weathering. A notable limonite-stained quartz-carbonate sheeted vein set was noted subparallel to and transgressing the shale/dyke contact at one location (see grab sample JBKWR001; Figure 5). Traverses up to 500m ENE of this location encountered primarily quartz-feldspar and feldspar+-amphibole porphyritic granitoid outcrop. Subordinate rafts of shale were present. At least 2 decameter-scale rusty weathering zones of silicification+-sericitization of the feldspar+-amphibole porphyry were encountered in this area. One grab sample here (JPKWR002) did not return anomalous base or precious metals. One subcrop of rusty quartz-eye rhyolite was noted 100m west of silt sample JPKWS002.

The second day of mapping was spent along the banks of Kakapo creek. The gossanous outcrop examined by geologists consisted of shale, a lithic shale conglomerate, which has been cross-cut by rusty brown weathering, porphyritic feldspar-quartz dykes.

A 1.7 km traverse between silt samples JPKWS013 and JBKWS010 (Figure 6) revealed no outcrop exposure.

Mineralization

The primary mineralization observed within rock samples was pyrite. This is consistent with historic work on the property. Pyrite was observed as cubic disseminations, and millimeter scale veinlets in both the shale and altered feldspar-quartz porphyry dykes. Field observations indicate that mineralization is concentrated at the contact zone between the two lithologic units. Trace arsenopyrite was also observed in association with pyrite mineralization. Rare malachite staining was observed within the gossan located on the western boundary of the tenure, although only weakly anomalous Cu values were reported from samples collected there.

Structure

Bedding within shale units on the western boundary of the property strikes between 117°-175°, with shallow to moderate dips ranging from 22°-65°. One lithologic contact was observed between shale and a quartz-feldspar porphyry dyke/stock. The orientation of the contact was 291°/68°.

In Kakapo creek, shale and conglomerate bedding orientation was observed at 336°/34°. Field geologists inferred an open fold hinge at this location with an axial planar foliation of 285°/68°. Sheeted calcite veinlets were observed within Kakapo Creek with an orientation of 022°/82°. These veinlets have a vein density up to 100 veinlets/meter. Trace pyrite was observed within the veinlets.

Refer to Appendix VI for sample locations and detailed descriptions of bedrock and structural geology.

Rock Sampling

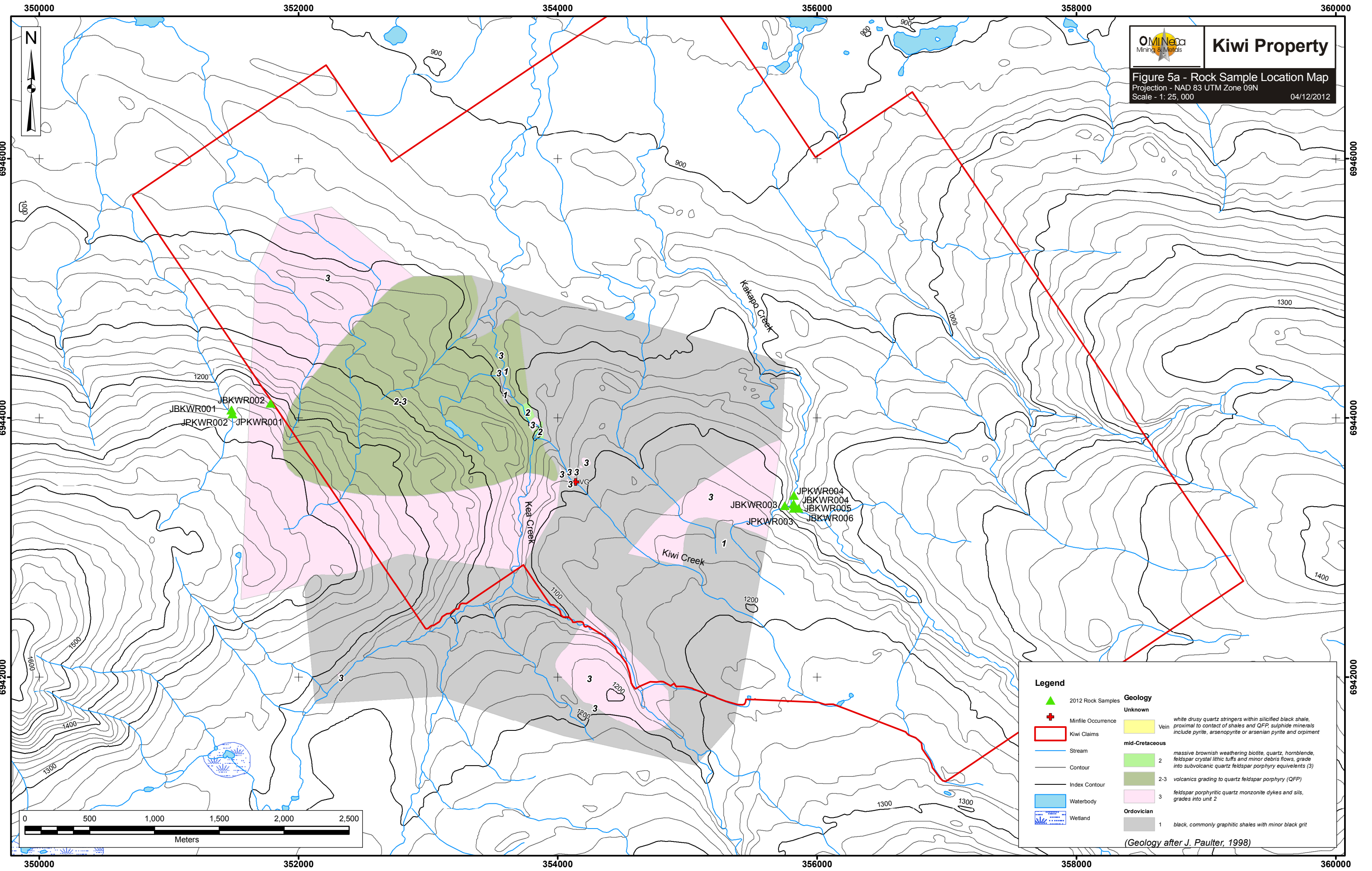
A total of 10 samples were collected during 2 days of reconnaissance prospecting and geologic mapping. Two gossanous bedrock exposures were examined as the primary targets for the program. One gossan occurs on the western boundary of the tenure. The second gossan exposure outcrops as cliff exposure along the banks of Kakapo Creek. Bedrock samples of silica-sericite altered porphyry containing 1-5 % pyrite, and trace malachite were collected along the western boundary of the claim group, and were visually prospective for gold + base metal mineralization (Personal communication, J. Brown, 2012). The rock samples collected from this location unfortunately returned disappointing results with no significant values returned for Au, Ag, Cu, Pb, or Zn. Refer to Figures 5a – 5c and to Appendix VI for sample locations, sample results for selected elements, and detailed sample descriptions.

Silt Sampling

A total of 25 silt samples were collected during 2 days of reconnaissance prospecting. Obtaining quality silt samples on the property was difficult for two reasons: 1) Poor helicopter access; 2) Many of the creeks on the tenure are ephemeral, and thus have poor quality silt. Of the 25 silt samples collected, one sample (JBKWS006) collected from the main channel of Kakapo creek returned a highly anomalous value of 408 ppb Au. This is the highest Au in silt value discovered on the property to date, and is considered to be significant. Silt sample JBKWS009, collected from a tributary draining into Kakapo Creek returned a value of 35 ppb Au, which is also considered to be significant due to the low background values on the property. This silt sample occurs within the same tributary, and in close proximity to JPKWS014 which returned a value of 506 ppm As. JBKWS006, JPKWS009, and JPKWS014 were collected outside of the pre-2011 tenure, which provides encouragement for further exploration potential on the property. Refer to Figures 6a - 6c and to Appendix VI for sample locations, sample results for selected elements, and detailed sample descriptions.

Summary

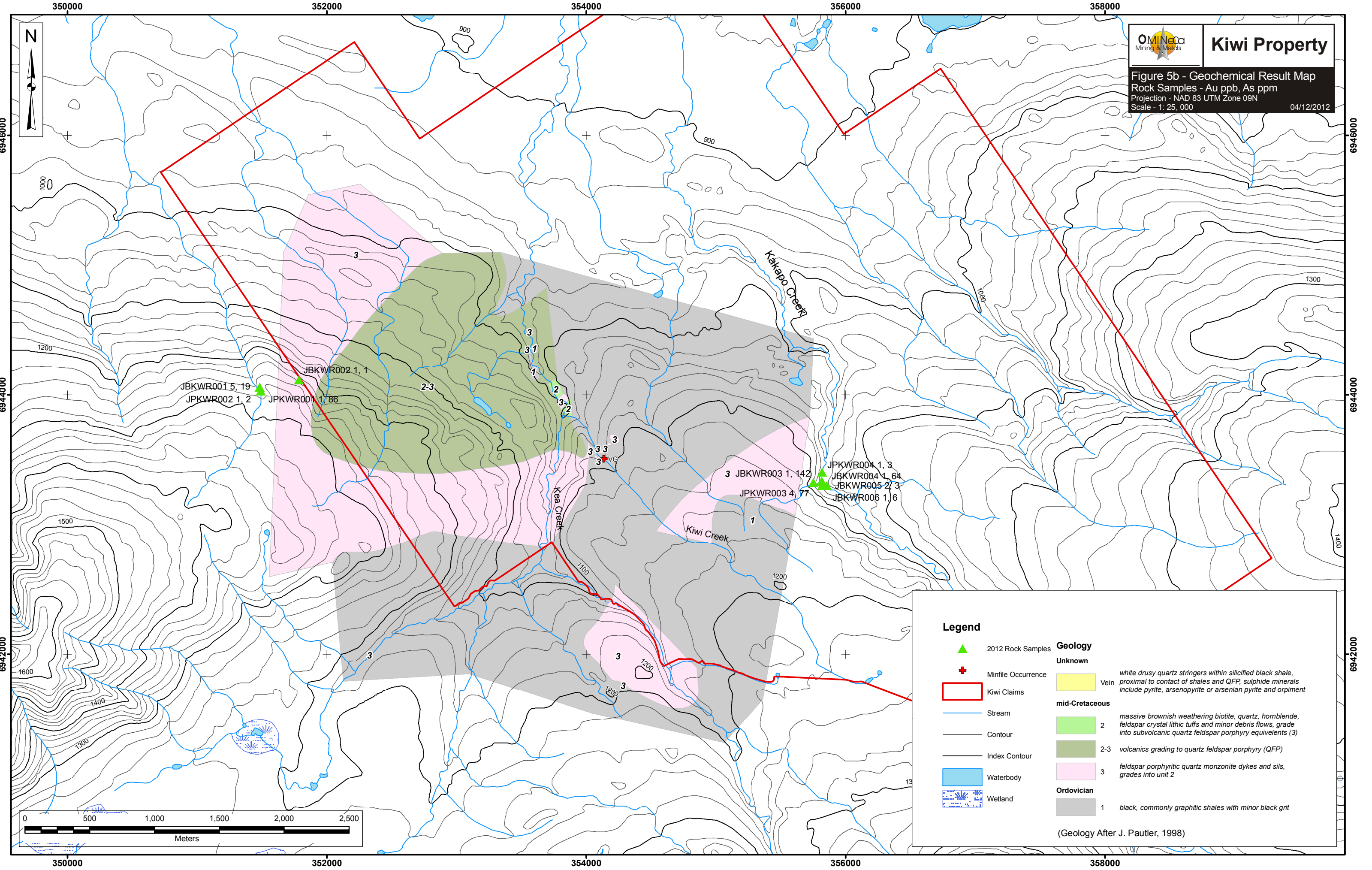
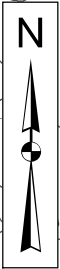
Interpretation of geochemical results indicate that Kakapo Creek and one of its tributaries contain anomalous gold values. One of these samples collected from the main creek channel returned 408 ppb Au, the highest value returned through geochemical surveys on the property to date. The highly elevated gold value indicates a point anomaly which warrants further investigation. This anomaly is located 3.3 km north of the VG showing, on Kapako Creek. Kapako creek is not connected to Kiwi Creek, which drains the VG showing, and thus could represent new mineralization potential. At least two explanations are plausible for the 408 ppb Au anomaly: 1) The gold in silt was transported during glaciation from the VG showing area 3.3 km north to the sample location; 2) A bedrock source for the gold exists proximal to sample location JBKWS006. Silt samples JPKWS009, and JPKWS014 returned anomalous gold and arsenic values from a tributary draining into Kakapo Creek. The close proximity of the two samples suggests a local source for both the arsenic and gold values. Further work is recommended to follow up on this anomaly.





Kiwi Property

Figure 5b - Geochemical Result Map
Rock Samples - Au ppb, As ppm
Projection - NAD 83 UTM Zone 09N
Scale - 1: 25, 000
04/12/2012



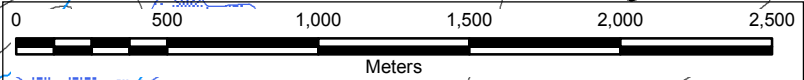
Legend

- 2012 Rock Samples
- Minfile Occurrence
- Kiwi Claims
- Stream
- Contour
- Index Contour
- Waterbody
- Wetland

Geology

- Unknown**
- Vein
white drusy quartz stringers within silicified black shale, proximal to contact of shales and QFP, sulphide minerals include pyrite, arsenopyrite or arsenian pyrite and orpiment
- mid-Cretaceous**
- 2
massive brownish weathering biotite, quartz, hornblende, feldspar crystal lithic tuffs and minor debris flows, grade into subvolcanic quartz feldspar porphyry equivalents (3)
 - 2-3
volcanics grading to quartz feldspar porphyry (QFP)
 - 3
feldspar porphyritic quartz monzonite dykes and sils, grades into unit 2
- Ordovician**
- 1
black, commonly graphitic shales with minor black grit

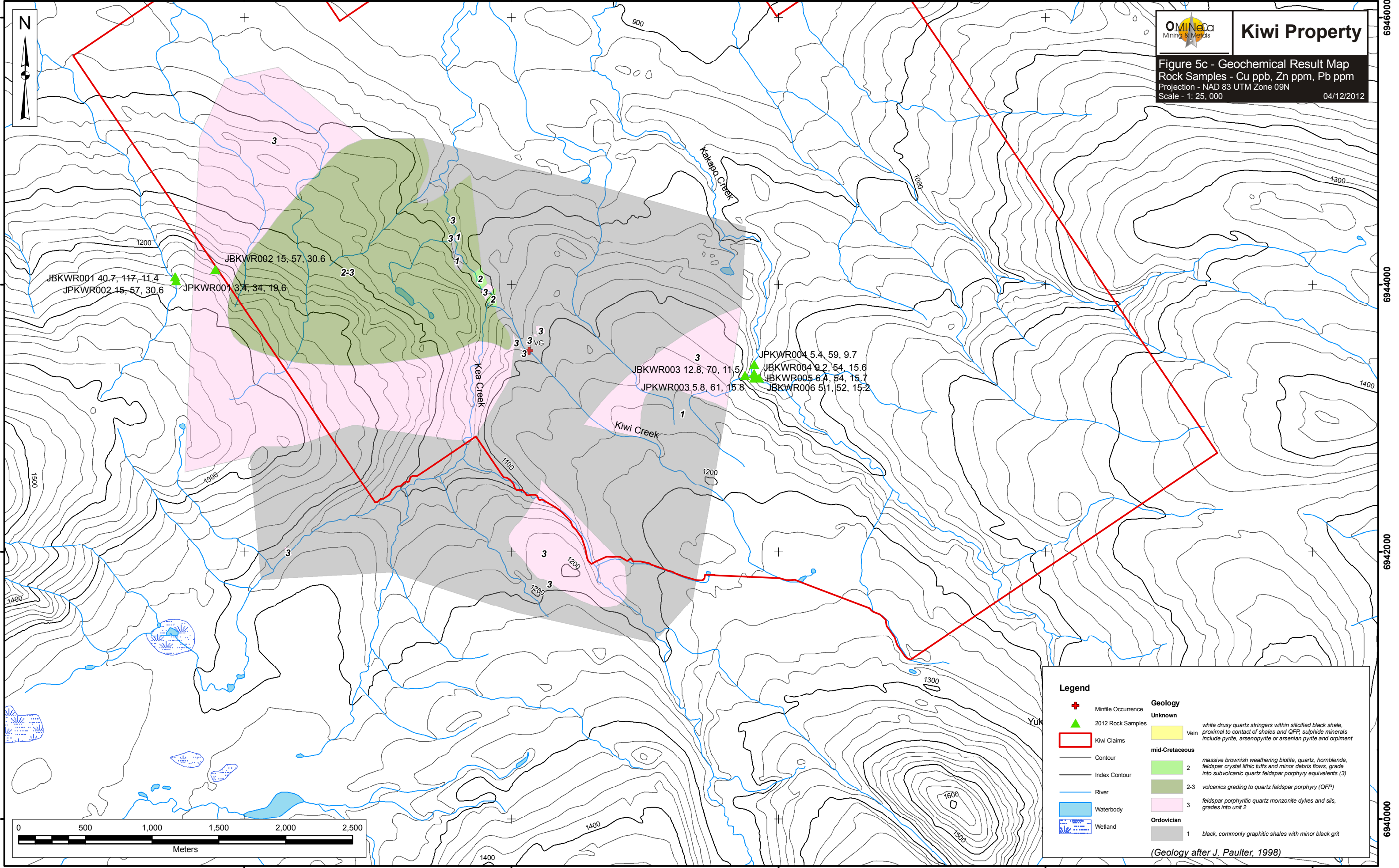
(Geology After J. Pautler, 1998)





Kiwi Property

Figure 5c - Geochemical Result Map
Rock Samples - Cu ppb, Zn ppm, Pb ppm
Projection - NAD 83 UTM Zone 09N
Scale - 1: 25, 000
04/12/2012



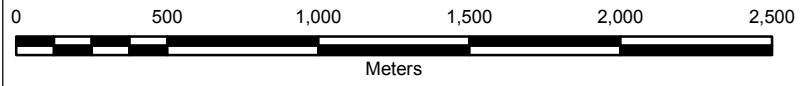
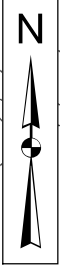
352000 354000 356000 358000 360000

6946000 6944000 6942000 6940000



Kiwi Property

Figure 6a - Silt Sample Location Map
Projection - NAD 83 UTM Zone 09N
Scale - 1: 25, 000
04/12/2012



Legend

- 2012 Silt Samples
- Minfile Occurrence
- River
- Index Contour
- Contour
- Kiwi Claims
- Lake
- Wetland

Geology

Unknown

- Vein

mid-Cretaceous

- 2
- 2-3
- 3

Ordovician

- 1

white drusy quartz stringers within silicified black shale, proximal to contact of shales and QFP, sulphide minerals include pyrite, arsenopyrite or arsenian pyrite and orpiment

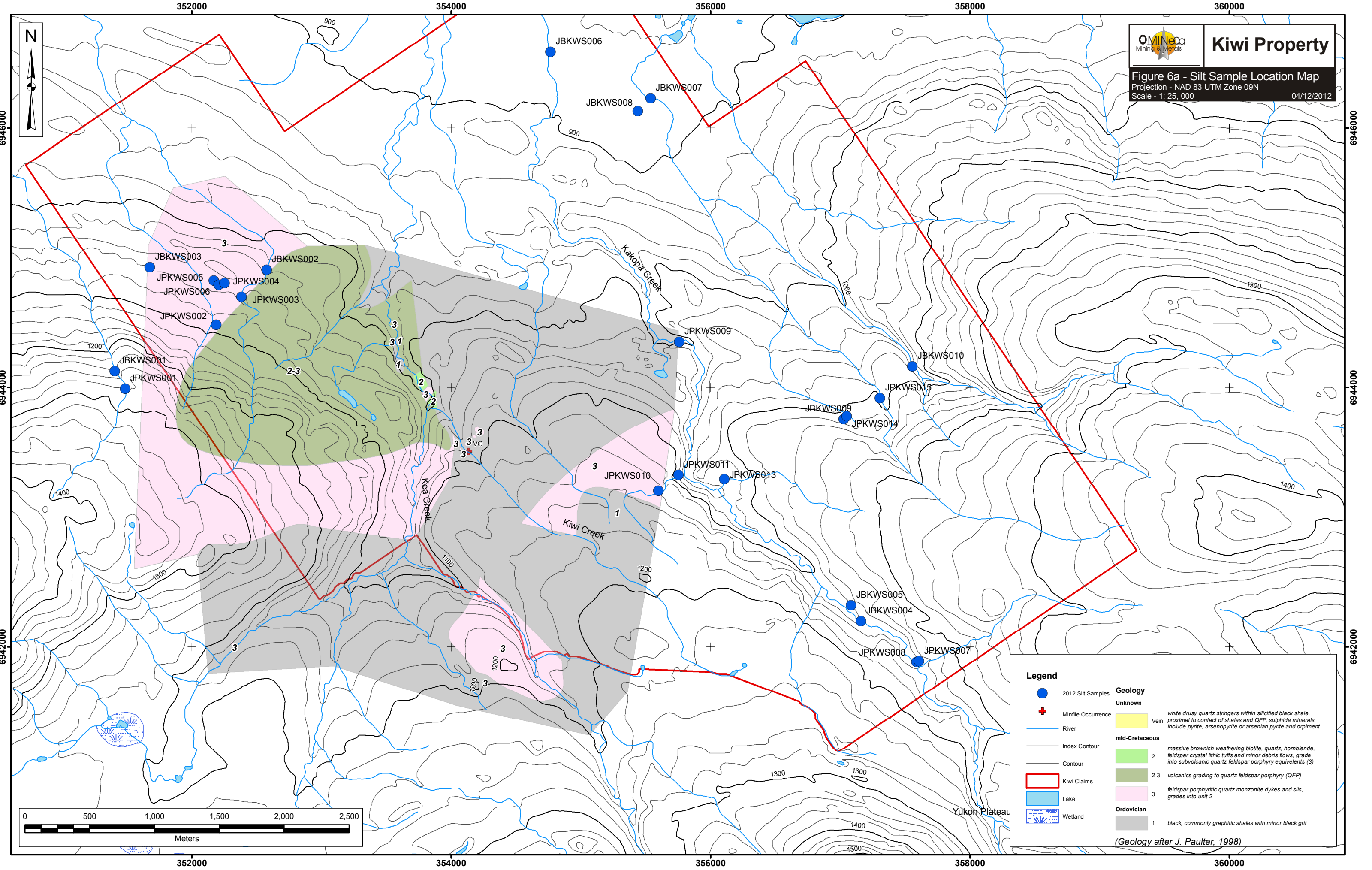
massive brownish weathering biotite, quartz, hornblende, feldspar crystal lithic tuffs and minor debris flows, grade into subvolcanic quartz feldspar porphyry equivalents (3)

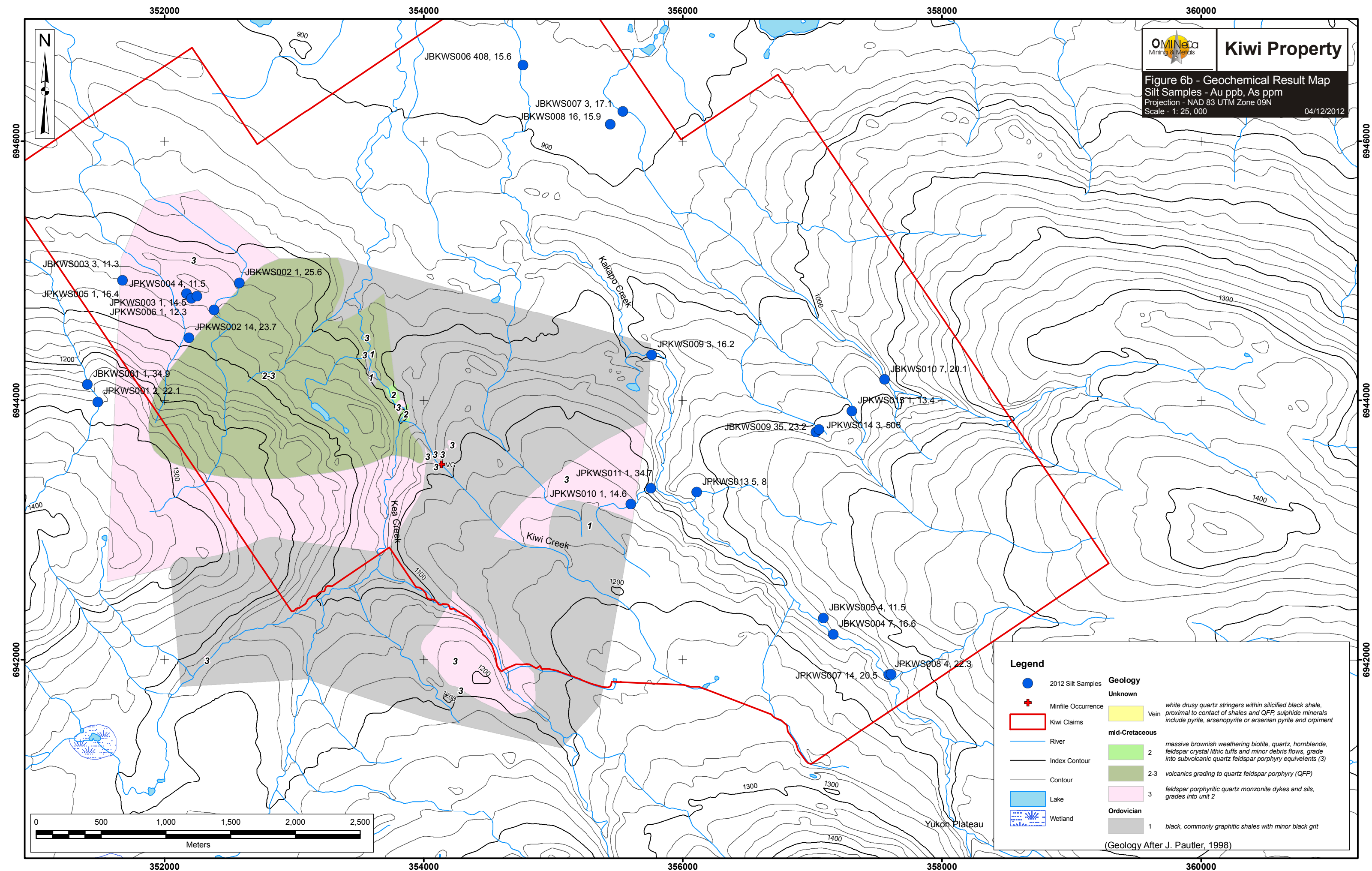
volcanics grading to quartz feldspar porphyry (QFP)

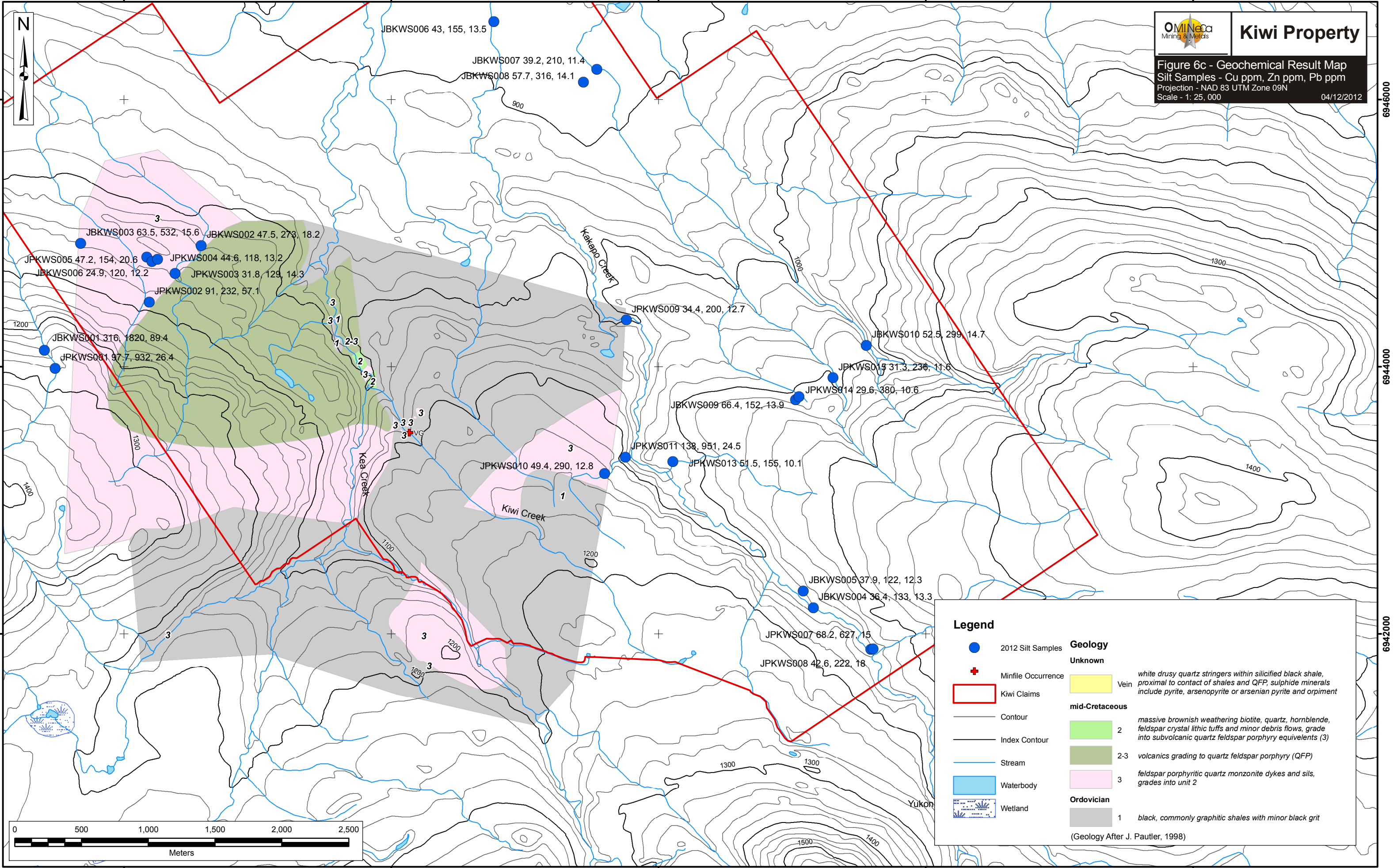
feldspar porphyritic quartz monzonite dykes and sils, grades into unit 2

black, commonly graphitic shales with minor black grit

(Geology after J. Paulter, 1998)







CONCLUSIONS

The Kiwi property has the potential to host significant epithermal style gold mineralization as shown by the historical high grade grab sample. The fact that the high grade sample discovered in 1997 has never been repeated through prospecting, trenching, and diamond drilling is concerning. The property is hindered by the terrain, including lack of bedrock exposure and poor soil development. Much of the property is underlain by swamp or water saturated ground making it difficult to conduct geochemical surveys, and adversely affects geophysical data.

The 2012 exploration program consisted of two days of rock and stream sediment sampling to assess the 113 new quartz claims acquired in 2011 by Omineca Mining and Metals Ltd., rimming the historic Kiwi tenure.

Prospecting and mapping in two separate locations focused on assessing the precious metal potential of gossanous bedrock exposures of shale and porphyritic dykes. Samples of both pyrite rich shale and porphyritic dyke material were collected, but failed to return any significant precious or base metal assay values. Despite the low analytical results, the strike extensions of the ESE-trending gossanous dyke/shale contact at the west limit of the property should see additional prospecting and sampling.

Results from the 2012 geochemical silt survey indicate that a highly anomalous (99th percentile) gold in silt value occurs 3.3 km north of the VG showing, within the current Kiwi Tenure. This sample, returning 408 ppb Au, represents the highest gold in silt value collected on the property to date. Further work in the vicinity of this sample is required to determine if the gold in silt is sourced from a local bedrock exposure.

RECOMMENDATIONS

Recommendations for the Kiwi property are as follows:

- 20 kg silt sampling of KakapoCreek south of JBKWS006 at 100 meter spaced intervals in an attempt to constrain the source of the gold anomaly discovered in 2012;
- 20 kg silt sampling of Kiwi Creek at 100 meter intervals, both north and south of the VG showing in an attempt to constrain the source of the high grade sample discovered in 1997;
- Prospecting and mapping as concurrent exploration with silt sample surveys, with a specific focus on Kapako Creek and it's tributaries.
- The newly discovered ENE trending swarm of porphyry dykes and associated gossan at the west limit of the property should see additional prospecting and sampling along strike.

REFERENCES

- Higgs, A (2010): 2010 Assessment Report on the Kiwi Project, Whitehorse Mining District Mapsheet 105-J-12.
- Gordey, S.P. and Irwin S. E.B. (1987): Geology of the Sheldon Lake and Tay River map areas, Y.T.; Geological Survey of Canada Map 19-1987, scale 1:250,000.
- McCuaig, M (2011): 2011 Assessment Report on the Kiwi Property, Whitehorse Mining District, Mapsheet 105-J-12
- Pautler, J. (1997): 1997 geological, geochemical and trenching report on the Kiwi property, Y.T.; In house report, 1997.
- Pautler, J. (1998): AR#093949; 1998 Geological and Geochemical Assessment Report on the Kiwi Property, 1998.
- Roddick, J.A. and Green, J.H. (1961): Sheldon Lake map area, Y.T. ; Geological Survey of Canada, Map 12-1961.
- Yukon Minfile (1996): Yukon Geology Program, IMS Ltd., NTS 105 J.

2012 ASSESSMENT REPORT

for the

Kiwi Project

Whitehorse Mining District, Yukon Territory

Map sheet 105-J-12

Center of Work

Latitude 62° 36' N, Longitude 131°51'W

Volume II

Appendix I – Statement of Qualifications

Appendix II – Statement of Expenditures

Appendix III – Geochemical Protocol

Appendix IV – Sample Locations & Descriptions

Appendix V – Analytical Certificates

Appendix VI – Bedrock Geologic Mapping

Prepared for:

Omineca Mining and Metals Ltd.

Suite 200, 44-12th Ave South

Cranbrook, BC

V1C 2R7

By

Mike McCuaig, B.Sc

TerraLogic Exploration Inc.

Suite 200, 44-12th Ave S.

Cranbrook, B.C., Canada

V1C 2R7

December 17th, 2012

APPENDIX I

Statement of Qualifications

STATEMENT OF QUALIFICATIONS

I, Michael A. McCuaig, B. Sc. Do hereby certify that:

I am currently employed as a Geologist, with TerraLogic Exploration Inc. with business address: Suite 200, 44-12th Avenue South, Cranbrook, BC, V1C 2R7.

I graduated with a Bachelor of Science Degree from St. Francis Xavier University in 2003.

I have worked as a geologist for six years since my graduation from university.

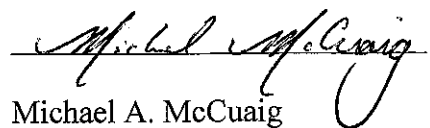
All field work was completed under the supervision of Jarrod Brown, P.Geo, Chief Geologist for TerraLogic Exploration Inc.

This report is supported by samples collected by TerraLogic Exploration employees during fieldwork on the Kiwi property in the Whitehorse Mining District, YK, NTS 105-J-12 during the period of August 2nd – 3rd, 2012.

I have authored this assessment report titled "2012 Assessment Report for the Kiwi Project" and dated December 17th, 2012 to the exploration program conducted by Omineca Mining and Metals Ltd.

I am a full time employee with TerraLogic Exploration Inc. since June 1st, 2011 and currently hold no shares of Omineca Mining and Metals Ltd., with an option to purchase 25,000 shares at a price of 0.40\$ per share until June 8th, 2016.

Dated this 17th day of December 2012, in Cranbrook, British Columbia.



Michael A. McCuaig

APPENDIX II

Statement of Expenditures

Kiwi 2012					
Prospecting and Geochemical Surveys					
Personnel (Name) / Position	Field Days (list actual days)	Days	Rate	Subtotal	
James Price / Jr. Geologist	August 1 st - 4 th , 2012	4.00	\$450.00	\$1,800.00	
Jarrold Brown, P.Geo	August 1 st - 4 th , 2012	3.70	\$675.00	\$2,497.50	
				\$4,297.50	\$4,297.50
Office Studies	List Personnel	Days			
Project Management	Jarrold Brown	2.85	\$675.00	\$1,923.75	
Project Planning	James Price	1.47	\$375.00	\$551.25	
Project Planning	Aaron Higgs	1.20	\$625.00	\$750.00	
GIS	Brad Robison	0.60	\$525.00	\$315.00	
GIS	Nathan Taylor	1.00	\$450.00	\$450.00	
Data Management	Jason Kolcun	1.56	\$375.00	\$585.00	
Data Management	Jason Kolcun	0.20	\$425.00	\$85.00	
Report Writing	Mike McCuaig	2.50	\$525.00	\$1,312.50	
				\$5,972.50	\$5,972.50
Geochemical Surveying	Number of Samples	No.	Rate	Subtotal	
Stream sediment		25.0	\$33.10	\$827.50	
Rock		10.0	\$33.85	\$338.50	
				\$1,166.00	\$1,166.00
Transportation				Subtotal	
Airfare				\$343.23	
Fuel				\$184.85	
Fireweed Helicopters	Long Ranger 3	2.6	\$1,250.00	\$3,250.00	
Transnorth Helicopters	Jet Ranger	5.9	\$1,045.00	\$6,165.50	
Fuel - Fireweed Helicopters			\$1.50	\$415.16	
Fuel - Transnorth Helicopters			\$1.50	\$1,008.90	
				\$11,367.64	\$11,367.64
Accommodation & Food					
Hotel	TND Motor Hotel, Ross River			\$420.00	
Camp	Groceries and Bear Spray			\$160.91	
Meals				\$309.54	
				\$890.45	\$890.45
Geological and Geochemical					
Permitting	Fuel storage permit - Twin Creeks Aerodrome			\$25.00	
Map Plotting				\$300.00	
				\$325.00	\$325.00
Equipment Rentals		No.	per week	Subtotal	
Field Gear	pack with gear, GPS, palm pilot, sample supplies, first aid kit, compass, bear protection	1.16	\$175.00	\$203.00	
Sat Phone		0.58	\$75.00	\$43.50	
Hand Held Radios		1.16	\$55.00	\$63.80	
Chainsaw		0.58	\$45.00	\$26.10	
Computer with Printer		0.58	\$55.00	\$31.90	
Digital Camera		0.58	\$30.00	\$17.40	
Survival Kit		0.58	\$30.00	\$17.40	
				\$403.10	\$403.10
TerraLogic Exploration Handling and Adminstration Fees					
				\$2,045.49	\$2,045.49
TOTAL Expenditures					
					\$26,467.68

APPENDIX III
Geochemical Protocol

Appendix 3.1 – Geochemistry – Field Sampling Techniques

Field Sampling Techniques

Rock samples were collected in the field by placing 1-2 kg of material in heavy grade plastic sample bag with the sample number written on both sides in permanent marker. Each sample bag was then sealed with a plastic cable tie and samples were transported back to camp at the end of each day. A representative piece of each sample was often collected and returned to camp for further examination in the event of an interesting or exceptional analytical result.

Silt samples were collected from active creeks whenever possible. Silt samples were placed and sealed into brown paper kraft bags. Relevant details pertaining to silt samples such as location parameters, depth, horizon, quality, were recorded by the sampler in the field.

Sample locations were marked in the field with orange arctic-grade flagging tape, and an aluminum tag, both having been marked with the appropriate sample number. Sample locations were determined by hand-held GPS set to report locations in UTM coordinates using the North American datum established in 1983 (NAD 83).

All surface geochemical samples were collected by company geologists or sampling technician employees trained by TerraLogic Exploration staff geologists. At the end of each day samples were organized, and catalogued and then placed in poly woven “rice” bags. The samples were maintained as a single group before being shipped to AGAT Laboratories in Mississauga, Ontario.

Appendix 3.2 – Geochemistry – Analytical Techniques

Geochemistry – Analytical Techniques

All samples were sent to AGAT Laboratories, Mississauga, Ontario for preparation and analysis. All samples were collected, handled, cataloged and prepared for shipment by TerraLogic Exploration staff.

Refer to the following documentation provided by AGAT Laboratories for a detailed description of sample preparation and analytical methods.



Mining Division
SPECIFICATIONS



AGAT Laboratories

Service Beyond Analysis ■ www.agatlabs.com



MINING DIVISION SPECIFICATIONS

AGAT Method Code: 201 074

AGAT SOP: MIN-200-12018

Method Description: This uses the Aqua Regia Digestion technique and the ICP-OES/ICP-MS.

Solubility of elements can be dependent on the mineral species present and as such, data reported from the aqua regia leach should be considered as representing only the leachable portion of a particular analyte.

Sample split size: 1 g

Steps

1. Aqua Regia Digestion
2. Prepared samples are digested with Aqua Regia for one hour using temperature controlled hot blocks.
3. Resulting digests are diluted to 50 mL with de-ionized water.
4. To finish, ICP-OES/ICP-MS instrumentation are used for analysis

Blanks, sample replicates, duplicates and internal reference materials, both aqueous and geochemical standards are routinely used as part of AGAT Laboratories' quality assurance program.

Instrumentation and Techniques

- PerkinElmer 7300DV and 8300DV ICP-OES instruments and PerkinElmer 9000 and PerkinElmer NexION ICP-MS instruments are used in the analysis.
- Inter-Element Correction (IEC) techniques are used to correct for any spectral interferences.

AGAT Method Code: 201 073

AGAT SOP: MIN-200-12018

Method Description: This uses the Aqua Regis Digestion technique and the ICP-OES.

Solubility of elements can be dependent on the mineral species present and as such, data reported from the aqua regia leach should be considered as representing only the leachable portion of a particular analyte.

Sample split size: 1 g

Steps

1. Aqua Regia Digestion
2. Prepared samples are digested with Aqua Regia for one hour using temperature controlled hot blocks.
3. Resulting digests are diluted to 50 mL with de-ionized water.
4. To finish, ICP-OES/ICP-MS instrumentation are used for analysis

Blanks, sample replicates, duplicates and internal reference materials, both aqueous and geochemical standards are routinely used as part of AGAT Laboratories' quality assurance program.

Instrumentation and Techniques

- PerkinElmer 7300DV and 8300DV ICP-OES instruments and PerkinElmer 9000 and PerkinElmer NexION ICP-MS instruments are used in the analysis.
- Inter-Element Correction (IEC) techniques are used to correct for any spectral interferences.





Verify your data online ▪ webmining.agatlabs.com

AGAT Method Code: 202 052, 202 054

AGAT SOP: MIN-200-120006

Method Description: Lead Fusion Fire Assay with Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES) are conducted to determine the content of gold, platinum and palladium in geological samples

Sample split size: 30 g

Steps

- Prepared samples are fused using accepted fire assay techniques
- After the samples are cupelled and parted in nitric acid and hydrochloric acid

Blanks, sample replicates, duplicates and internal reference materials, both aqueous and geochemical standards are routinely used as part of AGAT Laboratories' quality assurance program.

Instrumentation Used

- PerkinElmer 7300DV and 8300DV ICP-OES instruments are used in the analysis.

AGAT Method Code: 202 064

AGAT SOP: MIN-200-120004

Method Description: Lead Fusion Fire Assay with Gravimetric finish are performed to find the determination of gold and silver in mineralogical samples.

Sample split size: 30 g

Steps

- Prepared samples are fused using accepted fire assay techniques
- After the samples are cupelled and parted in nitric acid.

Blanks, sample replicates, duplicates, and internal reference materials (both aqueous and geochemical standards) are routinely used as part of AGAT Laboratories' quality assurance program.

Instrumentation Used

- Mettler Toledo XP6 microbalances are used in the analysis.



Mining Division ▪ Whitehorse

AGAT Method Code: 226 022, 226 001, 226 006, 226 012

AGAT SOP: MIN-12008, MIN-12009, MIN-12010, MIN-12011, MIN-200-12012, MIN-12013, MIN-200- 12013

Steps

1. Sample Reception – Laboratory Information Management System (LIMS)
2. Mining, drying of geological samples
3. Mining branches, crushing mineralogical samples
4. Mining branches, sample size reduction of mineralogical samples
5. Mining branches, milling of mineralogical samples
6. Standard operating procedure for compressed air usage
7. Compressed air usage – mining branches.

Sample Reception

- Samples will arrive via courier, client drop-off or picked up by AGAT Laboratories or an AGAT Laboratories representative.
- Samples are inspected and compared to the Chain of Custody (COC) and logged into the AGAT LIMS program.
- Deviations from the COC are noted in AGAT's Sample Integrity Report (SIR) and sent immediately to the client via email and posted on the clients AGAT webMINING account.

Drying: Specified samples are dried to 60°C.

Crushing and Splitting: Unless instructed by the client, specified samples are crushed to 75 per cent passing 10 mesh (2mm) and split to 250 g using a Jones riffler splitter or rotary split.

Pulverizing: Unless instructed by the client, specified samples are pulverized to 85 per cent passing 200 mesh (75µm).

Screening: After drying specific sample are shaken on an 80 mesh sieve with the plus fraction stored and the minus fraction sent to the laboratory for analysis.

All equipment are cleaned using quartz and air from a compressed air source. Blanks, sample replicates, duplicates, and internal reference materials (both aqueous and geochemical standards) are routinely used as part of AGAT Laboratories' quality assurance program.

Instrumentation Used

- Rocklabs Boyd Crusher with RSD Combo, TM Terminator Crushers, TM TM-2 Pulverizers are routinely used in sample preparation procedures.

Appendix 3.3 – Software

The following software was used to compile the information provided in the 2012 Assessment Report for the Kiwi Property:

- Microsoft Office 2010
- ArcGIS v.9.3.1
- Adobe Acrobat X Standard
- Corel Graphics Suite 11
- Open Office.org 3.0
- Pendragon Forms

APPENDIX IV

Sample Locations and Descriptions

Appendix 4.1 – Rock Samples

Appendix 4.1 - Rock Sample Locations and Descriptions

Sample Number	Sampler	Date (m/d/y)	UTM - East	UTM - North	Channel (m)	Channel (Az)	Map Unit	Rock Type - Major	Rock Type - Minor	Colour - Fresh	Colour - Weathered	Grain Size	Texture	Mineralization - Major	Mineralization - Minor	Mineralization Style	Min. %	Alteration	Alt. Degree	Rock Description
JBKWR001	JB	8/2/2012	351490	6944030				Shale												Limonite stained quartz stockwork with mm-scale seams of semimassive pyrite+/- arsenopyrite in shale host near contact with quartz-feldspar porphyry.
JBKWR002	JB	8/2/2012	351784	6944115				Feldspar amphibole porphyry												Rusty, silicified feldspar-amphibole porphyry with 1% disseminated pyrite.
JBKWR003	JB	8/3/2012	355750	6943323				Felspar quartz porphyry	ithic shale conglomerata											Grey porphyry - now intense altered (Phyllic) equals hard with complete textural destruction with 5% Disseminated cubic pyrite.
JBKWR004	JB	8/3/2012	355817	6943336				Felspar quartz porphyry												Light-medium grey K-spar>quartz porphyry with moderate to intese sericite-carbonate-clay alteration and 1-3% disseminated pyrite & 1 quartz stringer veinlet, 3cm +/- pyrite.
JBKWR005	JB	8/3/2012	355817	6943336				Felspar quartz porphyry												Light-medium grey K-spar>quartz porphyry with moderate to intese sericite-carbonate-clay alteration and 1-3% disseminated pyrite & 1 qtz stringer veinlet, 3 cm +/- pyrite; 5.0 metres south of R004.
JBKWR006	JB	8/3/2012	355855	6943303				Felspar quartz porphyry												Quartz-feldspar porphyry with calcite veinlets every 1 cm. Ankerite pockets, rare sulphide.
JPKWR001	JP	8/2/2012	351482	6944059	0													0		No note.
JPKWR002	JP	8/2/2012			0													0		Sample location coordinates lost.
JPKWR003	JP	8/3/2012	355819	6943303	0													0		Rough chip sample 1.0 metre cutting through small calcite vein.
JPKWR004	JP	8/3/2012	355819	6943403	0													0		No Note.

Appendix 4.2 – Silt Samples

Appendix 4.2 - Silt Sample Locations and Descriptions

Sample Number	Sampler	Date (m/d/y)	UTM - East	UTM - North	Turbidity	Depth (cm)	Size (1-5)	Quality (1-5)
JBKWS001	JB	8/2/2012	351405	6944125		3	5	3
JBKWS002	JB	8/2/2012	352578	6944907		2	5	5
JBKWS003	JB	8/2/2012	351676	6944926		2	5	5
JBKWS004	JB	8/3/2012	357160	6942196				
JBKWS005	JB	8/3/2012	357084	6942320				
JBKWS006	JB	8/3/2012	354767	6946586				
JBKWS007	JB	8/3/2012	355538	6946228				
JBKWS008	JB	8/3/2012	355440	6946131				
JBKWS009	JB	8/3/2012	357027	6943756				5
JBKWS010	JB	8/3/2012	357556	6944162				5
JPKWS001	JP	8/10/2012	351486	6943989	HIGH	15		2
JPKWS002	JP	8/10/2012	352189	6944485	LOW	15		3
JPKWS003	JP	8/10/2012	352383	6944698	MED	5		4
JPKWS004	JP	8/10/2012	352251	6944804	LOW	5		4
JPKWS005	JP	8/10/2012	352208	6944790	MED	5		3
JPKWS006	JP	8/10/2012	352170	6944822	MED	15		4
JPKWS007	JP	8/10/2012	357607	6941888	HIGH	45		2
JPKWS008	JP	8/10/2012	357589	6941883	HIGH	5		2
JPKWS009	JP	8/10/2012	355760	6944351	HIGH	15		4
JPKWS010	JP	8/10/2012	355598	6943201	MED	15		2
JPKWS011	JP	8/10/2012	355753	6943323	MED	5		1
JPKWS012	JP	8/10/2012	325807	6943319	HIGH	15		3
JPKWS013	JP	8/10/2012	356107	6943292	MED	15		3
JPKWS014	JP	8/10/2012	357051	6943778	MED	15		2
JPKWS015	JP	8/10/2012	357306	6943917	MED	15		2

APPENDIX V

Analytical Certificates

5.1 – Rock Samples

CLIENT NAME: TERRALOGIC EXPLORATION SERVICES
SUITE 200 44-12 AVE SOUTH
CRANBROOK, BC V1C2R7
(778) 520-2000

ATTENTION TO: Chris Gallahger

PROJECT NO: KW2012-02

AGAT WORK ORDER: 12Y627822

SOLID ANALYSIS REVIEWED BY: Yufei Chen, Analyst

DATE REPORTED: Sep 18, 2012

PAGES (INCLUDING COVER): 7

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



Certificate of Analysis

AGAT WORK ORDER: 12Y627822

PROJECT NO: KW2012-02

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: TERRALOGIC EXPLORATION SERVICES

ATTENTION TO: Chris Gallagher

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Aug 06, 2012		DATE RECEIVED: Aug 06, 2012				DATE REPORTED: Sep 18, 2012				SAMPLE TYPE: Rock					
Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe	
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	
RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01	
Sample Description															
JBKWR001	<0.2	2.32	19	12	110	<0.5	<1	0.27	1.4	23	11.1	33.7	40.7	5.41	
JBKWR002	<0.2	1.66	<1	<5	44	1.0	<1	0.64	0.6	35	2.3	32.1	15.0	2.48	
JBKWR003	<0.2	0.78	142	7	159	<0.5	<1	0.82	1.2	42	8.2	14.2	12.8	3.44	
JBKWR004	0.8	0.65	64	8	183	<0.5	<1	2.67	0.7	39	7.1	16.2	9.2	2.93	
JBKWR005	0.9	0.77	3	8	265	0.5	<1	4.29	0.6	47	8.5	28.7	6.4	2.83	
JBKWR006	0.9	0.43	6	9	260	0.6	<1	2.95	0.6	52	7.2	10.0	5.1	2.86	
JPKWR001	<0.2	1.17	86	<5	113	0.6	<1	0.21	<0.5	48	3.5	10.8	3.4	2.22	
JPKWR002	0.4	0.55	2	8	290	<0.5	<1	1.93	0.6	56	4.3	26.4	22.0	2.93	
JPKWR003	0.6	0.70	77	9	174	<0.5	<1	2.45	0.8	54	6.7	11.8	5.8	2.94	
JPKWR004	0.6	1.11	3	9	531	<0.5	<1	1.91	0.8	53	7.5	17.7	5.4	2.84	
Analyte:	Ga	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	
Unit:	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	
RDL:	5	1	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10	
Sample Description															
JBKWR001	7	<1	<1	0.13	10	74	1.08	395	1.1	<0.01	53.3	577	11.4	17	
JBKWR002	8	<1	<1	0.12	16	35	0.57	392	0.7	0.11	2.1	438	30.6	13	
JBKWR003	<5	<1	1	0.17	20	17	0.47	613	0.7	0.03	10.3	625	11.5	15	
JBKWR004	<5	<1	<1	0.14	18	15	0.44	622	<0.5	0.02	2.4	507	15.6	15	
JBKWR005	7	<1	<1	0.15	22	22	0.74	744	<0.5	0.02	3.6	448	15.7	15	
JBKWR006	<5	<1	<1	0.16	25	8	0.16	602	<0.5	0.02	2.1	526	15.2	15	
JPKWR001	6	<1	1	0.21	21	20	0.40	394	<0.5	0.03	2.2	614	19.6	17	
JPKWR002	<5	<1	<1	0.16	26	23	0.54	746	0.9	<0.01	1.7	447	22.1	14	
JPKWR003	6	<1	<1	0.15	25	14	0.57	646	<0.5	0.03	2.0	655	15.8	15	
JPKWR004	7	<1	1	0.17	25	28	0.66	673	<0.5	0.03	2.2	614	9.7	14	

Certified By:

Y. Chen.



Certificate of Analysis

AGAT WORK ORDER: 12Y627822

PROJECT NO: KW2012-02

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: TERRALOGIC EXPLORATION SERVICES

ATTENTION TO: Chris Gallagher

Aqua Regia Digest - Metals Package, ICP-OES finish (201073)

DATE SAMPLED: Aug 06, 2012		DATE RECEIVED: Aug 06, 2012					DATE REPORTED: Sep 18, 2012					SAMPLE TYPE: Rock			
Analyte:		S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
Unit:		%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
RDL:		0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1
Sample Description															
JBKWR001		0.914	<1	3.5	<10	<5	9.4	<10	<10	8	<0.01	<5	<5	37.0	<1
JBKWR002		0.336	<1	3.7	<10	<5	29.0	<10	<10	12	0.11	<5	<5	15.5	<1
JBKWR003		2.17	<1	1.8	<10	<5	39.4	<10	<10	11	<0.01	<5	<5	13.3	<1
JBKWR004		1.80	<1	2.4	<10	<5	125	<10	<10	11	<0.01	<5	<5	11.6	<1
JBKWR005		0.332	<1	4.8	<10	<5	236	<10	<10	12	<0.01	<5	<5	27.6	<1
JBKWR006		0.306	<1	3.4	<10	<5	122	<10	<10	11	<0.01	<5	<5	12.6	<1
JPKWR001		0.049	<1	3.2	<10	<5	7.6	<10	<10	14	0.04	<5	<5	12.9	<1
JPKWR002		0.041	<1	5.4	<10	<5	66.7	<10	<10	13	<0.01	<5	<5	24.4	<1
JPKWR003		2.20	<1	2.2	<10	<5	126	<10	<10	14	<0.01	<5	<5	13.6	<1
JPKWR004		0.724	<1	3.5	<10	<5	84.1	<10	<10	10	<0.01	<5	<5	27.0	<1
Analyte:		Y	Zn	Zr											
Unit:		ppm	ppm	ppm											
RDL:		1	0.5	5											
Sample Description															
JBKWR001		10	117	6											
JBKWR002		15	56.7	17											
JBKWR003		12	70.4	9											
JBKWR004		15	53.8	12											
JBKWR005		17	54.2	10											
JBKWR006		14	52.1	7											
JPKWR001		13	34.5	19											
JPKWR002		15	53.1	8											
JPKWR003		12	61.4	11											
JPKWR004		12	59.4	8											

Comments: RDL - Reported Detection Limit

Certified By:



AGAT Laboratories

Certificate of Analysis

AGAT WORK ORDER: 12Y627822

PROJECT NO: KW2012-02

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: TERRALOGIC EXPLORATION SERVICES

ATTENTION TO: Chris Gallagher

Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Aug 06, 2012

DATE RECEIVED: Aug 06, 2012

DATE REPORTED: Sep 18, 2012

SAMPLE TYPE: Rock

Sample Description	Analyte:	Sample Login Weight	Au
	Unit:	kg	ppm
	RDL:	0.01	0.001
JBKWR001		1.33	0.005
JBKWR002		0.99	0.001
JBKWR003		1.39	<0.001
JBKWR004		1.42	<0.001
JBKWR005		1.58	0.002
JBKWR006		1.71	<0.001
JPKWR001		1.42	<0.001
JPKWR002		1.36	<0.001
JPKWR003		3.22	0.004
JPKWR004		3.35	<0.001

Comments: RDL - Reported Detection Limit

Certified By:

Quality Assurance

CLIENT NAME: TERRALOGIC EXPLORATION SERVICES

AGAT WORK ORDER: 12Y627822

PROJECT NO: KW2012-02

ATTENTION TO: Chris Gallagher

Solid Analysis											
RPT Date: Sep 18, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits	
										Lower	Upper
Aqua Regia Digest - Metals Package, ICP-OES finish (201073)											
Ag	1	3587108	< 0.2	< 0.2	0.0%	< 0.2	14.2	14.0	101%	80%	120%
Al	1	3587108	2.32	2.27	2.2%	< 0.01				80%	120%
As	1	3587108	19	17	11.1%	< 1				80%	120%
B	1	3587108	12	12	0.0%	< 5				80%	120%
Ba	1	3587108	110	107	2.8%	< 1				80%	120%
Be	1	3587108	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Bi	1	3587108	< 1	< 1	0.0%	< 1				80%	120%
Ca	1	3587108	0.27	0.26	3.8%	< 0.01				80%	120%
Cd	1	3587108	1.4	1.4	0.0%	< 0.5				80%	120%
Ce	1	3587108	23	22	4.4%	< 1				80%	120%
Co	1	3587108	11.1	11.1	0.0%	< 0.5				80%	120%
Cr	1	3587108	33.7	33.4	0.9%	< 0.5				80%	120%
Cu	1	3587108	40.7	34.5	16.5%	< 0.5	5998	6000	99%	80%	120%
Fe	1	3587108	5.41	5.31	1.9%	< 0.01				80%	120%
Ga	1	3587108	7	9	25.0%	< 5				80%	120%
Hg	1	3587108	< 1	< 1	0.0%	< 1				80%	120%
In	1	3587108	< 1	< 1	0.0%	< 1				80%	120%
K	1	3587108	0.13	0.13	0.0%	< 0.01				80%	120%
La	1	3587108	10	10	0.0%	< 1				80%	120%
Li	1	3587108	74	71	4.1%	< 1				80%	120%
Mg	1	3587108	1.08	1.04	3.8%	< 0.01				80%	120%
Mn	1	3587108	395	393	0.5%	< 1				80%	120%
Mo	1	3587108	1.1	0.8		< 0.5	349	360	96%	80%	120%
Na	1	3587108	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
Ni	1	3587108	53.3	53.1	0.4%	< 0.5				80%	120%
P	1	3587108	577	580	0.5%	< 10	651	600	108%	80%	120%
Pb	1	3587108	11.4	11.9	4.3%	< 0.5				80%	120%
Rb	1	3587108	17	16	6.1%	< 10				80%	120%
S	1	3587108	0.914	0.924	1.1%	< 0.005				80%	120%
Sb	1	3587108	< 1	< 1	0.0%	1				80%	120%
Sc	1	3587108	3.5	3.5	0.0%	< 0.5				80%	120%
Se	1	3587108	< 10	< 10	0.0%	< 10				80%	120%
Sn	1	3587108	< 5	< 5	0.0%	< 5				80%	120%
Sr	1	3587108	9.4	10.3	9.1%	< 0.5				80%	120%
Ta	1	3587108	< 10	< 10	0.0%	< 10				80%	120%
Te	1	3587108	< 10	< 10	0.0%	< 10				80%	120%
Th	1	3587108	8	10	22.2%	< 5				80%	120%
Ti	1	3587108	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
Tl	1	3587108	< 5	< 5	0.0%	< 5				80%	120%
U	1	3587108	< 5	< 5	0.0%	< 5				80%	120%
V	1	3587108	37.0	36.8	0.5%	< 0.5				80%	120%
W	1	3587108	< 1	< 1	0.0%	< 1				80%	120%
Y	1	3587108	10	10	0.0%	< 1	6	7	82%	80%	120%
Zn	1	3587108	117	118	0.9%	< 0.5				80%	120%



Quality Assurance

CLIENT NAME: TERRALOGIC EXPLORATION SERVICES

AGAT WORK ORDER: 12Y627822

PROJECT NO: KW2012-02

ATTENTION TO: Chris Gallagher

Solid Analysis (Continued)

RPT Date: Sep 18, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL			
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits
										LowerUpper
Zr	1	3587108	6	6	0.0%	< 5				80%120%
Fire Assay - Trace Au, ICP-OES finish (202052)										
Au	1	3587108	0.005	0.003		< 0.001	0.826	0.792	104%	90%110%

Certified By:

Y. Chen

Method Summary

CLIENT NAME: TERRALOGIC EXPLORATION SERVICES

AGAT WORK ORDER: 12Y627822

PROJECT NO: KW2012-02

ATTENTION TO: Chris Gallahger

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Ag	MIN-200-12020		ICP/OES
Al	MIN-200-12020		ICP/OES
As	MIN-200-12020		ICP/OES
B	MIN-200-12020		ICP/OES
Ba	MIN-200-12020		ICP/OES
Be	MIN-200-12020		ICP/OES
Bi	MIN-200-12020		ICP/OES
Ca	MIN-200-12020		ICP/OES
Cd	MIN-200-12020		ICP/OES
Ce	MIN-200-12020		ICP/OES
Co	MIN-200-12020		ICP/OES
Cr	MIN-200-12020		ICP/OES
Cu	MIN-200-12020		ICP/OES
Fe	MIN-200-12020		ICP/OES
Ga	MIN-200-12020		ICP/OES
Hg	MIN-200-12020		ICP/OES
In	MIN-200-12020		ICP/OES
K	MIN-200-12020		ICP/OES
La	MIN-200-12020		ICP/OES
Li	MIN-200-12020		ICP/OES
Mg	MIN-200-12020		ICP/OES
Mn	MIN-200-12020		ICP/OES
Mo	MIN-200-12020		ICP/OES
Na	MIN-200-12020		ICP/OES
Ni	MIN-200-12020		ICP/OES
P	MIN-200-12020		ICP/OES
Pb	MIN-200-12020		ICP/OES
Rb	MIN-200-12020		ICP/OES
S	MIN-200-12020		ICP/OES
Sb	MIN-200-12020		ICP/OES
Sc	MIN-200-12020		ICP/OES
Se	MIN-200-12020		ICP/OES
Sn	MIN-200-12020		ICP/OES
Sr	MIN-200-12020		ICP/OES
Ta	MIN-200-12020		ICP/OES
Te	MIN-200-12020		ICP/OES
Th	MIN-200-12020		ICP/OES
Ti	MIN-200-12020		ICP/OES
Tl	MIN-200-12020		ICP/OES
U	MIN-200-12020		ICP/OES
V	MIN-200-12020		ICP/OES
W	MIN-200-12020		ICP/OES
Y	MIN-200-12020		ICP/OES
Zn	MIN-200-12020		ICP/OES
Zr	MIN-200-12020		ICP/OES
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES

5.2 – Silt Samples

CLIENT NAME: TERRALOGIC EXPLORATION SERVICES
SUITE 200 44-12 AVE SOUTH
CRANBROOK, BC V1C2R7
(778) 520-2000

ATTENTION TO: Chris Gallahger

PROJECT NO: KW2012-01

AGAT WORK ORDER: 12Y627821

SOLID ANALYSIS REVIEWED BY: Kevin Motomura, ICP Supervisor

DATE REPORTED: Sep 21, 2012

PAGES (INCLUDING COVER): 10

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES



Certificate of Analysis

AGAT WORK ORDER: 12Y627821

PROJECT NO: KW2012-01

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: TERRALOGIC EXPLORATION SERVICES

ATTENTION TO: Chris Gallagher

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 06, 2012		DATE RECEIVED: Aug 06, 2012					DATE REPORTED: Sep 21, 2012					SAMPLE TYPE: Soil				
Analyte:	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs		
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm		
RDL:	0.01	0.01	0.1	0.01	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05		
Sample Description																
JBKWS001 (-)	1.01	1.91	34.9	<0.01	11	241	2.69	0.31	1.04	9.10	132	435	27.2	5.59		
JBKWS002 (-)	0.51	1.30	25.6	<0.01	<5	337	0.90	0.20	0.71	1.96	71.8	24.8	16.9	4.55		
JBKWS003 (-)	0.84	1.64	11.3	<0.01	7	229	2.82	0.20	0.61	1.94	62.6	91.4	15.2	9.54		
JBKWS004 (-)	0.32	1.10	16.6	<0.01	5	495	0.51	0.20	0.42	1.29	42.8	11.7	17.2	1.39		
JBKWS005 (-)	0.43	0.84	11.5	<0.01	<5	593	0.47	0.17	0.50	1.03	38.1	8.5	16.5	1.52		
JBKWS006 (-)	0.36	0.78	15.6	<0.01	6	856	0.51	0.17	0.50	0.86	36.8	8.2	14.0	2.16		
JBKWS007 (-)	0.31	0.54	17.1	<0.01	<5	910	0.42	0.16	0.40	1.42	20.6	10.7	12.1	1.32		
JBKWS008 (-)	0.86	1.01	15.9	<0.01	9	880	0.57	0.23	0.78	3.20	30.3	15.6	21.0	1.92		
JBKWS009 (-)	6.17	0.69	23.2	0.03	5	468	0.44	0.19	0.50	6.74	18.8	14.8	13.2	31.5		
JBKWS010 (-)	0.43	0.63	20.1	<0.01	8	877	0.45	0.18	0.45	3.30	28.0	13.0	15.9	1.89		
JPKWS001 (-)	1.89	2.10	22.1	<0.01	7	206	4.06	0.19	0.62	5.08	116	596	14.9	6.22		
JPKWS002 (-)	0.81	1.15	23.7	<0.01	9	202	1.75	0.22	0.70	0.99	146	17.7	13.4	11.7		
JPKWS003 (-)	0.35	1.09	14.5	<0.01	<5	222	0.67	0.15	0.43	0.63	61.2	8.2	13.1	4.35		
JPKWS004 (-)	0.44	1.07	11.5	<0.01	<5	209	0.69	0.16	0.44	0.69	52.3	6.4	14.1	3.58		
JPKWS005 (-)	0.42	1.39	16.4	<0.01	<5	270	0.72	0.23	0.38	0.80	61.8	10.9	18.6	4.47		
JPKWS006 (-)	0.23	1.09	12.3	<0.01	5	196	0.48	0.12	0.36	0.45	46.3	7.7	13.8	2.80		
JPKWS007 (-)	1.82	1.28	20.5	0.02	14	792	0.68	0.23	0.65	6.08	21.8	9.0	25.3	5.49		
JPKWS008 (-)	0.51	1.23	22.3	<0.01	8	358	0.86	0.20	0.62	2.15	51.2	9.9	19.9	4.98		
JPKWS009 (-)	0.43	0.82	16.2	<0.01	7	579	0.53	0.17	0.70	1.95	32.4	10.2	14.2	2.35		
JPKWS010 (-)	0.42	1.11	14.6	<0.01	9	586	0.50	0.18	0.70	2.48	46.2	11.1	16.5	2.86		
JPKWS011 (-)	0.68	1.57	34.7	<0.01	16	1050	2.10	0.21	0.92	11.4	80.6	97.8	15.0	5.03		
JPKWS012 (-)	0.51	1.02	17.6	<0.01	6	696	0.70	0.21	0.65	2.25	42.0	12.7	18.3	3.43		
JPKWS013 (-)	1.22	1.20	8.0	<0.01	13	568	0.56	0.17	1.18	1.53	25.4	6.4	19.3	2.65		
JPKWS014 (-)	0.75	0.87	506	<0.01	8	543	0.42	0.17	0.73	3.08	23.9	36.9	15.0	9.42		
JPKWS015 (-)	0.35	0.56	13.4	<0.01	5	788	0.48	0.16	0.44	1.94	22.0	11.4	11.2	2.34		

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 12Y627821

PROJECT NO: KW2012-01

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: TERRALOGIC EXPLORATION SERVICES

ATTENTION TO: Chris Gallagher

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 06, 2012		DATE RECEIVED: Aug 06, 2012					DATE REPORTED: Sep 21, 2012					SAMPLE TYPE: Soil			
	Analyte:	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
	Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
Sample Description	RDL:	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05	0.01
JBKWS001 (-)		316	3.47	3.39	0.13	0.10	0.11	0.024	0.08	51.3	48.2	0.42	6700	4.82	0.01
JBKWS002 (-)		47.5	2.72	3.52	0.08	0.04	0.08	0.028	0.11	38.2	30.7	0.44	1950	1.34	0.01
JBKWS003 (-)		63.5	2.01	3.61	0.07	0.04	0.10	0.027	0.11	33.0	36.7	0.30	2880	2.05	0.02
JBKWS004 (-)		36.4	2.35	3.46	0.06	0.02	0.13	0.020	0.14	21.7	13.9	0.45	808	2.00	<0.01
JBKWS005 (-)		37.9	1.95	2.84	<0.05	0.06	0.14	0.019	0.10	19.5	11.3	0.36	452	2.45	<0.01
JBKWS006 (-)		43.0	2.30	2.61	0.05	0.04	0.13	0.022	0.10	19.5	12.3	0.37	299	2.45	<0.01
JBKWS007 (-)		39.2	2.19	1.87	<0.05	0.02	0.16	0.023	0.09	9.7	5.4	0.19	687	4.54	<0.01
JBKWS008 (-)		57.7	2.55	3.16	<0.05	0.06	0.32	0.030	0.16	14.7	9.4	0.30	985	5.33	<0.01
JBKWS009 (-)		66.4	1.14	2.90	<0.05	<0.02	0.38	0.029	0.11	9.3	3.9	0.14	925	2.22	0.01
JBKWS010 (-)		52.5	2.21	2.16	<0.05	0.03	0.20	0.019	0.11	13.2	6.1	0.26	839	4.66	<0.01
JPKWS001 (-)		97.7	2.84	3.37	0.11	0.10	0.11	0.049	0.07	36.8	48.4	0.25	7380	2.77	0.01
JPKWS002 (-)		91.0	2.35	3.61	0.12	0.14	0.07	0.027	0.10	84.2	24.8	0.40	317	2.15	0.01
JPKWS003 (-)		31.8	1.72	3.25	0.06	0.04	0.06	0.020	0.09	33.4	26.0	0.40	174	0.90	<0.01
JPKWS004 (-)		44.6	1.65	3.12	0.05	0.04	0.05	0.023	0.09	28.1	23.6	0.42	156	1.08	0.01
JPKWS005 (-)		47.2	2.00	4.02	0.06	0.05	0.05	0.030	0.11	32.7	30.9	0.49	250	1.80	<0.01
JPKWS006 (-)		24.9	1.80	3.31	<0.05	0.03	0.04	0.018	0.08	24.6	26.1	0.44	141	1.10	<0.01
JPKWS007 (-)		68.2	3.09	3.61	0.06	0.03	0.49	0.028	0.18	11.3	10.7	0.35	1940	6.50	<0.01
JPKWS008 (-)		42.6	2.58	4.10	0.06	0.04	0.12	0.028	0.15	29.5	22.0	0.51	594	2.95	<0.01
JPKWS009 (-)		34.4	2.22	2.58	<0.05	0.03	0.12	0.021	0.10	16.5	10.6	0.33	763	2.45	<0.01
JPKWS010 (-)		49.4	2.64	3.14	0.05	0.04	0.07	0.030	0.12	24.9	18.1	0.39	634	3.50	<0.01
JPKWS011 (-)		138	2.96	2.71	0.09	0.06	0.09	0.039	0.13	33.5	23.4	0.33	2810	5.02	<0.01
JPKWS012 (-)		41.9	2.46	3.31	<0.05	0.03	0.16	0.024	0.14	23.4	14.9	0.46	773	2.67	<0.01
JPKWS013 (-)		51.5	1.67	3.46	<0.05	0.06	0.45	0.025	0.16	12.8	13.0	0.34	216	1.50	0.01
JPKWS014 (-)		29.6	3.93	2.66	0.07	0.02	0.20	0.017	0.10	11.5	7.5	0.22	4680	42.8	0.01
JPKWS015 (-)		31.3	2.12	1.87	<0.05	0.02	0.13	0.026	0.10	10.1	5.7	0.17	1050	4.49	<0.01

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 12Y627821

PROJECT NO: KW2012-01

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
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CLIENT NAME: TERRALOGIC EXPLORATION SERVICES

ATTENTION TO: Chris Gallagher

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 06, 2012

DATE RECEIVED: Aug 06, 2012

DATE REPORTED: Sep 21, 2012

SAMPLE TYPE: Soil

Analyte:	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01	0.01
Sample Description														
JBKWS001 (-)	0.52	446	979	89.4	10.6	0.003	0.128	2.61	4.3	4.2	101	72.4	0.03	0.06
JBKWS002 (-)	0.72	62.2	712	18.2	14.6	0.003	0.076	1.13	3.9	1.5	1.9	67.5	0.01	0.03
JBKWS003 (-)	0.40	124	783	15.6	16.9	<0.001	0.070	0.92	3.2	2.0	1.0	55.3	0.01	0.02
JBKWS004 (-)	0.44	32.4	975	13.3	11.0	0.003	0.035	1.60	3.5	1.3	0.4	45.3	<0.01	0.04
JBKWS005 (-)	0.63	29.6	1050	12.3	9.4	0.003	0.027	1.78	3.5	1.2	0.4	51.6	<0.01	0.04
JBKWS006 (-)	0.48	26.1	1100	13.5	9.3	0.004	0.056	2.10	3.5	2.1	0.4	55.0	<0.01	0.04
JBKWS007 (-)	0.23	35.7	938	11.4	8.2	0.005	0.044	2.13	3.0	2.1	0.4	57.1	<0.01	0.05
JBKWS008 (-)	0.40	57.0	1100	14.1	14.6	0.009	0.093	2.99	4.3	3.9	0.5	79.9	<0.01	0.07
JBKWS009 (-)	0.34	47.0	893	13.9	26.0	0.001	0.044	4.35	2.8	3.2	0.4	53.3	<0.01	0.05
JBKWS010 (-)	0.35	53.3	1120	14.7	9.5	0.005	0.040	3.04	3.1	2.1	1.3	65.6	<0.01	0.06
JPKWS001 (-)	0.47	230	1250	26.4	11.8	0.002	0.118	1.60	4.1	3.4	0.6	47.5	0.02	0.04
JPKWS002 (-)	1.18	43.8	652	57.1	17.0	0.002	0.093	1.26	4.1	3.0	0.5	76.1	0.04	0.02
JPKWS003 (-)	0.57	30.5	639	14.3	12.7	0.002	0.056	0.96	3.3	1.0	0.4	43.3	<0.01	0.02
JPKWS004 (-)	0.81	34.8	628	13.2	11.6	0.002	0.036	1.10	3.6	1.2	0.4	39.3	<0.01	0.02
JPKWS005 (-)	1.02	38.8	665	20.6	14.5	0.002	0.078	1.45	4.3	1.5	0.6	40.2	<0.01	0.02
JPKWS006 (-)	1.05	27.5	650	12.2	10.0	0.002	0.038	1.01	3.0	0.7	0.4	36.7	<0.01	0.02
JPKWS007 (-)	0.40	74.0	1630	15.0	21.6	0.010	0.085	4.72	3.5	4.2	1.6	76.6	<0.01	0.08
JPKWS008 (-)	0.67	33.1	1150	18.0	15.6	0.003	0.057	2.45	4.7	2.2	0.7	51.0	<0.01	0.04
JPKWS009 (-)	0.44	31.8	973	12.7	11.5	0.004	0.060	1.84	3.3	1.7	0.5	57.7	<0.01	0.03
JPKWS010 (-)	0.23	43.6	937	12.8	13.7	0.004	0.075	2.05	3.5	3.1	1.2	56.7	<0.01	0.05
JPKWS011 (-)	0.17	162	1130	24.5	13.1	0.004	0.174	2.57	5.1	6.4	1.2	103	0.01	0.06
JPKWS012 (-)	0.58	38.5	1100	16.2	13.1	0.004	0.056	2.23	4.1	2.0	0.5	60.6	<0.01	0.04
JPKWS013 (-)	0.57	28.5	926	10.1	17.6	0.018	0.092	1.79	4.2	5.4	0.5	80.8	<0.01	0.05
JPKWS014 (-)	0.32	81.6	2280	10.6	18.2	0.002	0.068	6.65	2.6	2.4	0.4	48.1	<0.01	0.04
JPKWS015 (-)	0.19	37.8	902	11.6	10.5	0.007	0.041	1.64	3.2	2.6	0.4	46.7	<0.01	0.04

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 12Y627821

PROJECT NO: KW2012-01

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: TERRALOGIC EXPLORATION SERVICES

ATTENTION TO: Chris Gallagher

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 06, 2012

DATE RECEIVED: Aug 06, 2012

DATE REPORTED: Sep 21, 2012

SAMPLE TYPE: Soil

Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.1	0.005	0.01	0.05	0.5	0.05	0.05	0.5	0.5
Sample Description									
JBKWS001 (-)	2.1	0.012	0.28	1.53	22.2	0.15	91.9	1820	1.1
JBKWS002 (-)	4.8	0.011	0.20	1.53	32.6	0.14	32.0	273	0.7
JBKWS003 (-)	1.8	0.006	0.24	2.70	31.1	0.13	35.1	532	0.5
JBKWS004 (-)	4.7	0.009	0.15	1.33	36.6	0.15	10.4	133	1.1
JBKWS005 (-)	4.2	0.014	0.16	1.63	44.3	0.16	12.4	122	2.5
JBKWS006 (-)	4.1	0.011	0.14	1.71	42.2	0.38	11.8	155	1.7
JBKWS007 (-)	2.7	<0.005	0.14	1.57	52.9	0.11	9.02	210	1.0
JBKWS008 (-)	3.6	0.005	0.29	2.66	76.1	0.12	12.7	316	2.2
JBKWS009 (-)	0.6	0.006	0.91	3.52	51.8	0.27	14.4	152	<0.5
JBKWS010 (-)	3.7	0.008	0.19	1.85	63.6	0.18	11.1	299	1.7
JPKWS001 (-)	1.8	0.012	0.31	1.98	21.3	0.12	89.0	932	0.9
JPKWS002 (-)	6.2	0.010	0.22	13.0	30.4	0.20	150	232	1.2
JPKWS003 (-)	4.4	0.010	0.17	1.66	28.1	0.11	24.5	129	1.0
JPKWS004 (-)	3.9	0.013	0.15	2.30	25.9	0.11	21.2	118	1.0
JPKWS005 (-)	5.8	0.015	0.19	2.47	35.4	0.13	21.9	154	1.6
JPKWS006 (-)	4.2	0.021	0.12	1.40	28.4	0.17	13.8	120	1.2
JPKWS007 (-)	1.1	0.007	0.50	2.93	106	0.21	17.6	627	0.8
JPKWS008 (-)	3.8	0.013	0.22	1.75	49.4	0.20	16.8	222	1.4
JPKWS009 (-)	3.4	0.008	0.17	1.39	44.0	0.12	11.4	200	1.3
JPKWS010 (-)	3.0	<0.005	0.16	1.58	39.9	0.07	11.2	290	1.4
JPKWS011 (-)	3.1	<0.005	0.37	2.83	28.7	0.12	50.7	951	1.0
JPKWS012 (-)	3.9	0.013	0.20	1.30	51.3	0.15	14.5	238	1.3
JPKWS013 (-)	2.2	0.010	0.32	3.82	53.4	0.11	12.7	155	2.4
JPKWS014 (-)	2.2	0.007	0.37	2.80	62.2	0.85	8.28	380	0.6
JPKWS015 (-)	2.9	<0.005	0.16	1.72	51.4	0.10	9.43	236	1.0

Comments: RDL - Reported Detection Limit

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 12Y627821

PROJECT NO: KW2012-01

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
<http://www.agatlabs.com>

CLIENT NAME: TERRALOGIC EXPLORATION SERVICES

ATTENTION TO: Chris Gallagher

Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Aug 06, 2012

DATE RECEIVED: Aug 06, 2012

DATE REPORTED: Sep 21, 2012

SAMPLE TYPE: Soil

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample Description	RDL:	0.01 0.001
JBKWS001 (-)	0.38	<0.001
JBKWS002 (-)	0.34	<0.001
JBKWS003 (-)	0.32	0.003
JBKWS004 (-)	0.42	0.007
JBKWS005 (-)	0.29	0.004
JBKWS006 (-)	0.46	0.408
JBKWS007 (-)	0.44	0.003
JBKWS008 (-)	0.36	0.016
JBKWS009 (-)	0.22	0.035
JBKWS010 (-)	0.32	0.007
JPKWS001 (-)	0.64	0.002
JPKWS002 (-)	0.54	0.014
JPKWS003 (-)	0.42	0.001
JPKWS004 (-)	0.60	0.004
JPKWS005 (-)	0.78	0.001
JPKWS006 (-)	0.60	<0.001
JPKWS007 (-)	0.55	0.014
JPKWS008 (-)	0.63	0.004
JPKWS009 (-)	0.69	0.003
JPKWS010 (-)	0.65	<0.001
JPKWS011 (-)	0.36	<0.001
JPKWS012 (-)	0.69	0.002
JPKWS013 (-)	0.43	0.005
JPKWS014 (-)	0.37	0.003
JPKWS015 (-)	0.60	<0.001

Comments: RDL - Reported Detection Limit

Certified By:

Quality Assurance

CLIENT NAME: TERRALOGIC EXPLORATION SERVICES

AGAT WORK ORDER: 12Y627821

PROJECT NO: KW2012-01

ATTENTION TO: Chris Gallagher

Solid Analysis											
RPT Date: Sep 21, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits	
										Lower	Upper
Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)											
Ag	1	3587080	0.23	0.23	0.0%	< 0.01	12.2	13.0	94%	80%	120%
Al	1	3587080	1.09	1.13	3.6%	< 0.01				80%	120%
As	1	3587080	12.3	12.4	0.8%	< 0.1				80%	120%
Au	1	3587080	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
B	1	3587080	5	5	0.0%	< 5				80%	120%
Ba	1	3587080	196	211	7.4%	< 1				80%	120%
Be	1	3587080	0.48	0.52	8.0%	< 0.05	0.3	0.4	73%	80%	120%
Bi	1	3587080	0.124	0.125	0.8%	< 0.01				80%	120%
Ca	1	3587080	0.365	0.372	1.9%	< 0.01				80%	120%
Cd	1	3587080	0.454	0.472	3.9%	< 0.01				80%	120%
Ce	1	3587080	46.3	48.6	4.8%	< 0.01				80%	120%
Co	1	3587080	7.74	7.77	0.4%	< 0.1				80%	120%
Cr	1	3587080	13.8	14.6	5.6%	< 0.5				80%	120%
Cs	1	3587080	2.80	3.19	13.0%	< 0.05				80%	120%
Cu	1	3587080	24.9	25.2	1.2%	< 0.1	5998	6000	99%	80%	120%
Fe	1	3587080	1.80	1.83	1.7%	< 0.01				80%	120%
Ga	1	3587080	3.31	3.44	3.9%	< 0.05				80%	120%
Ge	1	3587080	< 0.05	< 0.05	0.0%	< 0.05				80%	120%
Hf	1	3587080	0.03	0.03	0.0%	< 0.02				80%	120%
Hg	1	3587080	0.037	0.033	11.4%	0.03				80%	120%
In	1	3587080	0.0185	0.0189	2.1%	< 0.005				80%	120%
K	1	3587080	0.081	0.091	11.6%	< 0.01				80%	120%
La	1	3587080	24.6	25.5	3.6%	< 0.1				80%	120%
Li	1	3587080	26.1	26.7	2.3%	< 0.1				80%	120%
Mg	1	3587080	0.441	0.445	0.9%	< 0.01				80%	120%
Mn	1	3587080	141	137	2.9%	< 1				80%	120%
Mo	1	3587080	1.10	1.11	0.9%	< 0.05	349	360	96%	80%	120%
Na	1	3587080	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
Nb	1	3587080	1.05	1.11	5.6%	< 0.05				80%	120%
Ni	1	3587080	27.5	27.5	0.0%	< 0.2				80%	120%
P	1	3587080	650	652	0.3%	< 10	651	600	108%	80%	120%
Pb	1	3587080	12.2	12.4	1.6%	0.6				80%	120%
Rb	1	3587080	10.0	11.2	11.3%	< 0.1				80%	120%
Re	1	3587080	0.002	0.002	0.0%	< 0.001				80%	120%
S	1	3587080	0.0377	0.0385	2.1%	< 0.005				80%	120%
Sb	1	3587080	1.01	1.03	2.0%	< 0.05				80%	120%
Sc	1	3587080	3.04	3.17	4.2%	< 0.1				80%	120%
Se	1	3587080	0.74	0.82	10.3%	< 0.2				80%	120%
Sn	1	3587080	0.4	0.4	0.0%	< 0.2				80%	120%
Sr	1	3587080	36.7	37.0	0.8%	< 0.2				80%	120%
Ta	1	3587080	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
Te	1	3587080	0.02	0.01		< 0.01				80%	120%
Th	1	3587080	4.23	4.40	3.9%	< 0.1				80%	120%
Ti	1	3587080	0.0215	0.0258	18.2%	< 0.005				80%	120%



Quality Assurance

CLIENT NAME: TERRALOGIC EXPLORATION SERVICES

AGAT WORK ORDER: 12Y627821

PROJECT NO: KW2012-01

ATTENTION TO: Chris Gallagher

Solid Analysis (Continued)

RPT Date: Sep 21, 2012		REPLICATE				Method Blank	REFERENCE MATERIAL			
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits
										Lower Upper
Tl	1	3587080	0.12	0.12	0.0%	< 0.01				80% 120%
U	1	3587080	1.40	1.44	2.8%	< 0.05				80% 120%
V	1	3587080	28.4	30.4	6.8%	< 0.5				80% 120%
W	1	3587080	0.17	0.12		< 0.05				80% 120%
Y	1	3587080	13.8	14.1	2.2%	< 0.05	6	7	86%	80% 120%
Zn	1	3587080	120	121	0.8%	< 0.5				80% 120%
Zr	1	3587080	1.16	1.25	7.5%	< 0.5				80% 120%
Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)										
Ag	1					< 0.01	12.1	13.0	93%	80% 120%
Be	1					< 0.05	0.3	0.4	74%	80% 120%
Mo	1					< 0.05	342	280	122%	80% 120%
P	1					< 10	645	600	108%	80% 120%
Th	1					< 0.1	1	1.4	73%	80% 120%
Y	1					< 0.05	6	7	87%	80% 120%
Fire Assay - Trace Au, ICP-OES finish (202052)										
Au	1	3587066	< 0.001	< 0.001	0.0%	< 0.001				90% 110%
Fire Assay - Trace Au, ICP-OES finish (202052)										
Au	1	3587077	0.001	0.002		< 0.001				90% 110%

Certified By:

Method Summary

CLIENT NAME: TERRALOGIC EXPLORATION SERVICES

AGAT WORK ORDER: 12Y627821

PROJECT NO: KW2012-01

ATTENTION TO: Chris Gallahger

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Ag	MIN-200-12017		ICP-MS
Al	MIN-200-12017		ICP/OES
As	MIN-200-12017		ICP-MS
Au	MIN-200-12017		ICP-MS
B	MIN-200-12017		ICP/OES
Ba	MIN-200-12017		ICP-MS
Be	MIN-200-12017		ICP-MS
Bi	MIN-200-12017		ICP-MS
Ca	MIN-200-12017		ICP/OES
Cd	MIN-200-12017		ICP-MS
Ce	MIN-200-12017		ICP-MS
Co	MIN-200-12017		ICP-MS
Cr	MIN-200-12017		ICP/OES
Cs	MIN-200-12017		ICP-MS
Cu	MIN-200-12017		ICP-MS
Fe	MIN-200-12017		ICP/OES
Ga	MIN-200-12017		ICP-MS
Ge	MIN-200-12017		ICP-MS
Hf	MIN-200-12017		ICP-MS
Hg	MIN-200-12017		ICP-MS
In	MIN-200-12017		ICP-MS
K	MIN-200-12017		ICP/OES
La	MIN-200-12017		ICP-MS
Li	MIN-200-12017		ICP-MS
Mg	MIN-200-12017		ICP/OES
Mn	MIN-200-12017		ICP/OES
Mo	MIN-200-12017		ICP-MS
Na	MIN-200-12017		ICP/OES
Nb	MIN-200-12017		ICP-MS
Ni	MIN-200-12017		ICP-MS
P	MIN-200-12017		ICP/OES
Pb	MIN-200-12017		ICP-MS
Rb	MIN-200-12017		ICP-MS
Re	MIN-200-12017		ICP-MS
S	MIN-200-12017		ICP/OES
Sb	MIN-200-12017		ICP-MS
Sc	MIN-200-12017		ICP-MS
Se	MIN-200-12017		ICP-MS
Sn	MIN-200-12017		ICP-MS
Sr	MIN-200-12017		ICP-MS
Ta	MIN-200-12017		ICP-MS
Te	MIN-200-12017		ICP-MS
Th	MIN-200-12017		ICP-MS
Ti	MIN-200-12017		ICP/OES
Tl	MIN-200-12017		ICP-MS
U	MIN-200-12017		ICP-MS
V	MIN-200-12017		ICP/OES
W	MIN-200-12017		ICP-MS
Y	MIN-200-12017		ICP-MS

Method Summary

CLIENT NAME: TERRALOGIC EXPLORATION SERVICES

AGAT WORK ORDER: 12Y627821

PROJECT NO: KW2012-01

ATTENTION TO: Chris Gallagher

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Zn	MIN-200-12017		ICP-MS
Zr	MIN-200-12017		ICP-MS
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES

APPENDIX VI

Bedrock Geologic Mapping

Appendix 6.1 – Station Locations

Appendix 6.1 - 2012 Field Mapping Stations

Station Number	Date (dd/mm/yyyy)	Type	Elevation (m)	Easting (m)	Northing (m)	Location Method	GPS Accuracy (m)	Comments
JBKWG001	8/2/2012		1273	351490	6943992.2	GPS	12	James and Jarrod day 1; looking for gossan seen from air
JBKWG002	8/2/2012		1263	351491	6944030.3	GPS	12	across ck 15m downstream of prev = trib confluence exposing 5x5 window gossan
JBKWG003	8/2/2012		1240	351406	6944125.9	GPS	12	downstream of gossanous zone
JBKWG004	8/2/2012		1251	351551	6944239.3	GPS	12	10x10m OC
JBKWG005	8/2/2012		1248	351619	6944215.6	GPS	12	same lith since G003
JBKWG006	8/2/2012		1253	351669	6944148.4	GPS	12	15m width exposre
JBKWG007	8/2/2012		1239	351784	6944115.7	GPS	12	
JBKWG008	8/2/2012		1242	351828	6944072.2	GPS	12	
JBKWG009	8/2/2012		1196	351772	6944211.4	GPS	12	
JBKWG010	8/2/2012		1161	351765	6944287.7	GPS	12	
JBKWG011	8/2/2012		1136	351777	6944389.4	GPS	12	
JBKWG012	8/2/2012	SUBCROP	1103	352000	6944457.1	GPS	12	no oc since prev stat; no water in ck
JBKWG013	8/2/2012		1122	352030	6944364.3	GPS	12	ridgeline
JBKWG014	8/2/2012		1056	352577	6944829.8	GPS	12	no oc from here to James last silt 003; or on hill to west
JBKWG015	8/2/2012		1049	352579	6944907.4	GPS	12	silt
JBKWG016	8/2/2012		1049	351958	6944937.9	GPS	12	
JBKWG017	8/2/2012		1068	351677	6944926.5	GPS	12	
JBKWG018	8/3/2012		1107	357161	6942196.4	GPS	12	heli-silt
JBKWG019	8/3/2012		1106	357084	6942320.7	GPS	12	heli-silt
JBKWG020	8/3/2012		889	354768	6946586.1	GPS	12	heli-silt
JBKWG021	8/3/2012		896	355538	6946228.1	GPS	12	heli-silt
JBKWG022	8/3/2012		896	355441	6946131.8	GPS	12	heli-silt
JBKWG023	8/3/2012		1123	355269	6943612.9	GPS	12	KW5 geophys target; no OC
JBKWG024	8/3/2012	OUTCROP	1136	355601	6943211.6	GPS	12	above JBKWS010
JBKWG025	8/3/2012		1126	355654	6943309.4	GPS	12	stark bluff @ intersec of main ck and west trib
JBKWG026	8/3/2012		1102	355694	6943330.9	GPS	12	
JBKWG027	8/3/2012		1064	355750	6943323.7	GPS	12	
JBKWG028	8/3/2012		1066	355817	6943336.7	GPS	12	yellowish bluff on east side of river
JBKWG029	8/3/2012		1065	355835	6943292.5	GPS	12	
JBKWG030	8/3/2012		1065	355856	6943303.8	GPS	12	

Station Number	Date (dd/mm/yyyy)	Type	Elevation (m)	Easting (m)	Northing (m)	Location Method	GPS Accuracy (m)	Comments
JBKWG031	8/3/2012		1105	357027	6943756.1	GPS	12	silt; no OC since prev station
JBKWG032	8/3/2012			357556	6944162	GPS	12	
JPKWG001	2/8/2012	outcrop	0	351482	6944059		0	
JPKWG002	2/8/2012	outcrop	0				0	
JPKWG003	2/8/2012	outcrop	0				0	
JPKWG004	2/8/2012	outcrop	0				0	
JPKWG005	2/8/2012	outcrop	0				0	
JPKWG006	2/8/2012	outcrop	0				0	
JPKWG007	2/8/2012	outcrop	0			GPS	0	
JPKWG008	2/8/2012	outcrop	0	355819	6943303	GPS	0	
JPKWG009	2/8/2012	outcrop	0	355819	6943403	GPS	0	

Appendix 6.2 – Lithology

Appendix 6.2 - Lithology

Station Number	User	Date (dd/mm/yyyy)	Station Type	Map Unit	Rock Type	Colour	Colour Weathered	Grain size	Texture	Alteration	Alt. Degree
JBKWG001	JB	8/2/2012			shale						
JBKWG002	JB	8/2/2012			shale						
JBKWG003	JB	8/2/2012			quartz felspar porphyry						
JBKWG004	JB	8/2/2012			feldspar amphibole porphyry						
JBKWG005	JB	8/2/2012			shale						
JBKWG006	JB	8/2/2012			feldspar amphibole porphyry						
JBKWG007	JB	8/2/2012			feldspar amphibole porphyry						
JBKWG008	JB	8/2/2012			feldspar amphibole porphyry						
JBKWG009	JB	8/2/2012			feldspar porphyry						
JBKWG010	JB	8/2/2012			quartz felspar amphibole porph						
JBKWG011	JB	8/2/2012			quartz felspar porphyry						
JBKWG012	JB	8/2/2012	SUBCROP		rhyolite						
JBKWG013	JB	8/2/2012			quartz felspar porphyry						
JBKWG016	JB	8/2/2012			quartz felspar amphibole porph						
JBKWG024	JB	8/3/2012	OUTCROP		conglomerate						
JBKWG025	JB	8/3/2012			felspar quartz porphyry						
JBKWG026	JB	8/3/2012			conglomerate						
JBKWG027	JB	8/3/2012			felspar quartz porphyry						
JBKWG028	JB	8/3/2012			felspar quartz porphyry						
JBKWG029	JB	8/3/2012			felspar quartz porphyry						
JBKWG030	JB	8/3/2012			felspar quartz porphyry						
JPKWG001	JP	2/8/2012	outcrop		Quartz Feldspar Porphyry	dark grey		fine-medium	porphyritic		0
JPKWG002	JP	2/8/2012	outcrop		Quartz Feldspar Porphyry			fine-medium	porphyritic		0
JPKWG003	JP	2/8/2012	outcrop		Quartz Feldspar Porphyry			fine-medium	porphyritic		0
JPKWG004	JP	2/8/2012	outcrop		Rhyolite	grey	brownish	fine	volcanoclast ic		0

Station Number	User	Date (dd/mm/yyyy)	Station Type	Map Unit	Rock Type	Colour	Colour Weathered	Grain size	Texture	Alteration	Alt. Degree
JPKWG005	JP	2/8/2012	outcrop		Quartz Feldspar Porphyry	brownish		coarse	crystalline		0
JPKWG006	JP	2/8/2012	outcrop		Quartz Feldspar Porphyry	brownish		fine-medium	porphyritic		0
JPKWG007	JP	2/8/2012	outcrop		Quartz Feldspar Porphyry		rusty	fine-medium	crystalline		0
JPKWG008	JP	2/8/2012	outcrop		Quartz Feldspar Porphyry	reddish		fine-medium			0
JPKWG009	JP	2/8/2012	outcrop		Quartz Feldspar Porphyry						0

Appendix 6.3 - Structure

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Station Number	Structure Name	Quality	Azimuth	Dip / Plunge	Comments
JBKWG001	bedding	GOOD	117	22	
JBKWG002	contact - lithologic	GOOD	291	68	
JBKWG002	foliation (dominant)	GOOD	30	64	
JBKWG002	bedding	GOOD	175	48	
JBKWG005	bedding	GOOD	149	65	
JBKWG026	foliation (dominant)	GOOD	285	68	
JBKWG026	bedding	GOOD	336	34	
JBKWG029	joint	GOOD	217	10	
JBKWG029	joint	GOOD	97	87	
JBKWG030	vein	GOOD	22	82	
JPKWG001	bedding	GOOD	44	58	