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Limited Company Relations  
New Zealand Stock Exchange  
Level 2, NZX Centre  
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**Wellington**

**3 pages**

## **FOR PUBLIC RELEASE**

### **Northland Prospecting Permits**

Heritage Gold is pleased to announce encouraging sampling results from its three prospecting permits in Northland, (Tangihua PP 39-318, Hikurangi PP 39-317 and Waikare PP 39-346).

Northland Minerals Ltd, a subsidiary of Heritage Gold, is exploring principally for two known styles of mineralisation in its Northland permits. These include epithermal precious metal deposits similar to those at Karangahake in the Waihi Gold District, Coromandel and volcanogenic base metal-gold deposits, which are interpreted to be ancient analogues of the currently forming undersea black-smoker deposits observed off the east coast of New Zealand.

The Company has applied to Crown Minerals to extend the permits to enable completion of a regional airborne geophysical survey in conjunction with local councils and other explorers.

#### ***Tangihua (PP 39-318) and Hikurangi (PP 39-317) permits***

Highly anomalous gold (Au), silver (Ag) and copper (Cu) results were returned from sampling around areas of known mineralisation on both the Tangihua and Hikurangi permits.

These permits cover extensive Tangihua Complex rocks which form part of the Cretaceous-aged Northland Allocthon. The Tangihua Complex represents ancient seafloor volcanic rocks and sediments that were thrust-faulted over the much older greywacke rocks of the region. Small volcanogenic copper-gold deposits are known to occur throughout this rock mass. Larger analogues of these are the focus of Northland Minerals' exploration.

One of the keys to discovering a major new volcanogenic copper-gold deposit is to understand the characteristics of known deposits and use these for exploration targeting.

With the application of modern exploration methods such as aeromagnetism, low-level detection soil geochemistry and electromagnetic techniques, the Company believes a major new volcanogenic copper-gold discovery is possible.

Table 1 presents results from the recent sampling programme. The high values need to be put into context. The mullock and float samples were selected for their obvious mineralisation and are not necessarily representative of the entire mineralised body. The channel samples were of rock exposed at the surface and were taken to be more representative of the mineralisation currently exposed.

At this stage it is premature to speculate on the dimensions of the mineralisation, which have traditionally been regarded as small.

### **Waikaire (PP 39-346) permit**

The Waikaire permit hosts predominantly epithermal Au-Ag mineralisation.

Sampling and prospecting work by Northland Minerals examined an area of the Waikaire River valley, where previous explorers had located evidence of epithermal mineralisation.

The sampling and mapping programme located a number of mineralised quartz vein structures outcropping in streams and on ridges that had not been previously documented.

Sample results showed gold values ranging from 0.02g/t Au to 0.31g/t Au, and silver ranged from 0.1g/t to 7.5g/t. While gold and silver values were only moderately elevated, arsenic (As) and antimony (Sb) were locally strongly anomalous (peak highs of 0.28% As and 118ppm Sb). These vein structures share similarities with the Coromandel gold deposits.

<b>Permit</b>	<b>Au g/t</b>	<b>Ag g/t</b>	<b>Cu %</b>	<b>Sample Type</b>
Tangihua	21.68	48.6	47.41	Mullock sample
Tangihua	17.2	28.2	11.41	Mullock sample
Tangihua	0.18	0.6	2.49	Channel Sample (1m)
Tangihua	0.06	0.5	2.87	Channel Sample (1m)
Tangihua	0.04	0.4	7.30	Channel Sample (0.30m)
Tangihua	0.04	0.4	5.18	Channel Sample (0.25m)
Tangihua	0.02	0.5	3.03	Channel Sample (0.40m)
Tangihua	0.02	0.3	2.90	Channel Sample (0.25m)
Hikurangi	0.17	2.5	7.94	Float Sample
Hikurangi	0.08	1.6	1.61	Channel Sample (1m)
Hikurangi	0.04	0.8	1.41	Channel Sample (1m)
Hikurangi	0.03	0.8	0.63	Channel Sample (1m)
Hikurangi	0.02	0.8	1.24	Channel Sample (1m)
Hikurangi	0.02	0.8	0.37	Channel Sample (1m)
Hikurangi	0.02	0.2	0.31	Channel Sample (1m)
Hikurangi	0.02	1.6	2.65	Channel Sample (1m)
Hikurangi	0.02	0.5	1.28	Channel Sample (1m)
Hikurangi	0.02	0.5	0.47	Channel Sample (1m)
Hikurangi	0.02	0.7	0.02	Chip Sample
Hikurangi	0.02	0.3	0.01	Float Sample

**Table 1: Geochemical sampling results from Tangihua and Hikurangi Prospecting Permits**

**Note: Assay Methods and Detection Limits (SGS Laboratory, Waihi)**

**All gold assays were analysed by Fire Assay with an AAS finish except for the 21.68 g/t value which was analysed via aqua regia digest with an ICP-MS finish, due to its high Cu content. AAS has a lower detection limit of 0.02 g/t Au and ICP-MS has a detection limit of 0.05 g/t Au.**

***Silver was analysed via aqua regia digest with an ICP-MS finish. The lower detection limit is 0.1 g/t Ag.***

***Copper was analysed via aqua regia digest with an ICP-MS finish. The lower detection limit is 2 ppm Cu (0.0002%). SGS laboratory cannot certify the accuracy of Cu values greater than 5000 ppm (0.5 %).***

**DISCLOSURE:** The information in this report that relates to exploration results is based on information compiled Mr Murray Stevens. Mr Stevens is an independent consulting geologist who is a corporate member of the AusIMM. Mr Stevens has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2004 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Stevens consents to the inclusion in this report of the matters based on his information in the form and context in which it appears.

### **About Heritage Gold**

Heritage Gold (NZ) Limited is a leading New Zealand, dual listed (NZSX: HGD, ASX: HTM) minerals exploration company with a portfolio of high quality gold and base metal tenements in Australia and New Zealand.

Its gold tenements in the southern Coromandel region of New Zealand include the historic Talisman Mine at Karangahake which produced over 1 million oz of gold and 3 million oz of silver during its peak mining period.

Heritage Gold owns 33 percent of Broken Hill Prospecting Ltd ('BHPL' – formerly Broken Hill Cobalt Ltd), which is planning to develop a cobalt project at Thackaringa in New South Wales. BHPL holds tenements about 22km south west of Broken Hill, which host Broken Hill style base metal occurrences.