



Waihi North Project

SETTLEMENT ASSESSMENT

OVERVIEW

The geological and hydrological setting of the Waihi area is well understood, having been extensively studied and monitored since the start of modern mining in 1987.

Dewatering from mining activities, although highly unlikely, could potentially cause surface settlement from the lowering and depressurisation of the water in the ground. Over the duration of modern mining, settlement due to dewatering in the Waihi area has been small. Much of this settlement occurred early in the life of the current mine.

If the Waihi North Project is approved, we will be required to comply with consent conditions for ground settlement. Under the conditions of that consent, OceanaGold Waihi expects a requirement to submit a Dewatering and Settlement Monitoring Plan that sets out procedures for both monitoring and managing dewatering and settlement.

A Ground Settlement assessment has been completed for the proposed Waihi North Project. Any settlement associated with the Waihi North Project's dewatering activities is expected to follow existing trends and will pose little risk of damage to buildings, infrastructure, or disturbance of the natural environment.

KEY EFFECTS

The geological and hydrological setting of the Waihi area is well understood, having been extensively studied and monitored since the start of modern mining in 1987. The results of these studies have provided good predictions of the area and magnitude of settlement. General settlement of a whole area does not typically cause damage, rather it is differential settlement that can potentially cause damage.

The assessment found that additional settlement related to the proposed Waihi North Project, including within the Forest Park, is expected to be small and will not materially increase the already low likelihood of damage to buildings, infrastructure, or disturbance of the natural environment.

MONITORING

There is an extensive network of ground settlement survey markers and piezometers (groundwater-level monitoring wells) around Waihi to monitor for any changes in groundwater or ground movement.

On-going surveys and groundwater readings have been taken throughout the modern mining period and the results have been reviewed and reported to Hauraki District and Waikato Regional Councils. We expect this to continue should our proposed Waihi North Project gain consent.





MANAGEMENT MEASURES

The existing monitoring network will be reviewed as part of the Waihi North Project investigations and consenting process and extended where necessary. As has occurred throughout the duration of modern mining, any identified anomalies in the survey and monitoring data will be investigated and, should the need arise, appropriate mitigation will be implemented.

In the highly unlikely event that settlement leads to property damage, the first recourse is OceanaGold Waihi's Property Policy. In such cases, the 'We Break, We Pay' component of the policy would apply.

WE BREAK, WE PAY

We know from the community that there can be a concern around what we would do if mine-related activity caused property damage. In recognition of this, we have a procedure in place to assist owners if they believe their property may have been damaged.

For full details of the 'We Break, We Pay' management measure, please refer to our 'Property Effects' Fact Sheet.

CONCLUSIONS

We will continue to monitor settlement and report the results to Hauraki District and Waikato Regional Councils, as we have done since 1987.

The additional settlement effects associated with the Waihi North Project are expected to be small and will not materially increase the already low likelihood of damage to buildings, infrastructure, or disturbance of the natural environment.

The existing network of survey markers and piezometers may be extended for the Waihi North Project. They will continue to be monitored and, in the event of an anomaly, investigated and addressed as appropriate. In the highly unlikely event that property damage was to occur due to settlement, OceanaGold Waihi will mitigate any adverse outcome by applying our 'We Break, We Pay' policy.

INFORMATION ACCURATE AS AT JUNE 2022

IF YOU HAVE AN IDEA, CONCERN OR QUESTION, WE WANT TO HEAR FROM YOU.

You can contact us via our website; waihinoth.info or visit our Project Information Office; **86 Seddon Street, Waihi.**

Our Free Community Engagement Line **0800 924 444** is available 7 days.