2018 Field Camp Amendment

Kahuna Property

Dunnedin Ventures Inc.

NIRB File #15EN028
KIA Land Use Licence KVL315B01
KIA Land Use Licence KVRW16F01
INAC Land Use Permit N2015C0019
NWB Water Licence 2BE-KDP1722

Submitted: November 22, 2017

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Cover Picture: Ground view of proposed field camp esker looking east.

1 Summary

Dunnedin Ventures Inc. (Dunnedin) Kahuna Property is located between the communities of Rankin Inlet (Kangiqtiniq) and Chesterfield Inlet (Igluigaarjuk) in the Kivalliq Region of Nunavut. The property hosts known gold and diamond occurrences and comprises 145 mineral claims encompassing 166,463 hectares.

This 2018 Field Camp Amendment document is submitted to NIRB (File #15EN028) to authorize a temporary field camp and fuel cache on Crown Lands under INAC Land Use Permit N2015C0019, and to authorize domestic water use for the temporary camp under NWB Water Licence 2BE-KDP1722. The temporary camp will be used to support exploration activities authorized by Dunnedin's existing permits and licences .

An NPC conformity determination was received on November 20, 2017 (NPC File # 148649) and is included in Section 3 of the amendment documents.

The new field camp will be used to support approved exploration activities as specified in Dunnedin's existing permits and licences. Exploration activities on the Kahuna Property are authorized by INAC Land Use Permit N2015C0019, KIA Land Use Licence KVL315B01, KIA Land Use Licence KVR16F01 and NWB Water Licence 2BE-KDP1722.

The Kahuna Property 2017 Annual Report on Work and the 2018 Work Plan will be submitted to NIRB, INAC and KIA by November 30, 2017 and will include details of work activities proposed for the 2018 program under 15EN028.

2 Property Description and Location

The Kahuna Property comprises 145 mineral claims encompassing 166,463 hectares of land located on NTS map sheets 055O/02, 055O/03, 055O/04, 055O/05, 055O/06, 055O/07, 055J/13, 055J/14, 055N/01 and 055N08. The southern boundary of the property adjoins the north boundary of subsurface Inuit Owned Land (IOL) parcel RI-01, approximately 25 kilometres northeast of Rankin Inlet. The northeast corner of the property is located approximately 10 kilometres southeast of Chesterfield Inlet. The northwest corner of the property is located approximately 75 kilometres west of Chesterfield Inlet. The Property extends north, south, east and west between Latitudes 62°58' and 63°19' North and Longitudes 90°44' and 92°13' West (UTM coordinates: 6,983,000mN to 7,023,000mN and 539,000mE to 614,000mE, NAD83, Zone 15). A total of 82 mineral claims have surface rights covering 87,570 Ha that are within, or partially within, the boundaries of surface Inuit Owned Land parcel CI-15.

3 Permitting

The details of Dunnedin's permits and licences are shown below in Table 1.

TABLE 1: DUNNEDIN VENTURES INC. 2017 PERMITS & LICENCES

Licence #	Type of Land Use	Issued By	NIRB File #	Expiry Date	Notes
N2015C0019	Class A. Mining (Exploration)	INAC	15EN028	16-Jul-19	Extension granted on May 1, 2017 to extend the anniversary date from 2017 to 2019
KVL315B01	Staking & Prospecting, Exploration, Drilling, Bulk Sampling	KIA	15EN028	1-Nov-19	Replaced KVL115B02.
KVRW16F01	Right of Way	KIA	15EN028	1-Apr-18	Overland Winter Trail
2BE-KDP1722	Type "B", mineral exploration, drilling	NWB	15EN028	30-May-22	

Mineral exploration activites authorized by these permits and licences include: prospecting and staking, rock, till and soil sampling, geological mapping, ground geophysical surveying, bulk sampling, diamond drilling and reverse circulation drilling. Fuel caches (up to 75 jet fuel and 120 diesel drums) are permitted at the PST, Notch and Kahuna kimberlite occurrences. A permitted overland winter trail to these occurrences follows a pre-existing route between Rankin Inlet and Chesterfield Inlet (Figure 1).

4 Contact Information

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Emily McNie (Geologist)	(604) 646-8352
FIELD CAMP	TBD

5 Temporary Field Camp

Rankin Inlet was used as a base of operations for the summer 2017 program. To mitigate daily helicopter transits to and from Rankin Inlet, and for safety reasons associated with winter work conditions, Dunnedin is seeking authorization for a temporary field camp located centrally on the Kahuna Property and proximal to high priority exploration targets. The camp will operate seasonally from March through September.

This 2018 Field Camp Amendment accompanies an amendment application submitted to NIRB and distributed to INAC and NWB to:

- Authorize a temporary field camp and an associated field camp fuel cache on Crown Lands under INAC Land Use Permit N2015C0019, and
- Authorize domestic water use not exceeding three (3) cubic metres per day for the temporary field camp under NWB Water Licence 2BE-KDP1722.

5.1 Camp Construction & Mobilization

Pending permit approvals, camp construction is scheduled to commence with an overland haul of epuipment and supplies on Dunnedin's permitted overland winter trail from Rankin Inlet to the property using Caterpillar Challengers and cargo sleds (Figure 1). Equipment and supplies for Dunnedin's new field camp will be staged on Crown Lands at the site of the proposed new camp location approximately 40 kilometres northeast of Rankin Inlet and 50 kilometres southwest of Chesterfield Inlet. Camp construction will commence in late February upon arrival of the camp supplies. Exploration activites will commence once camp construction is complete.

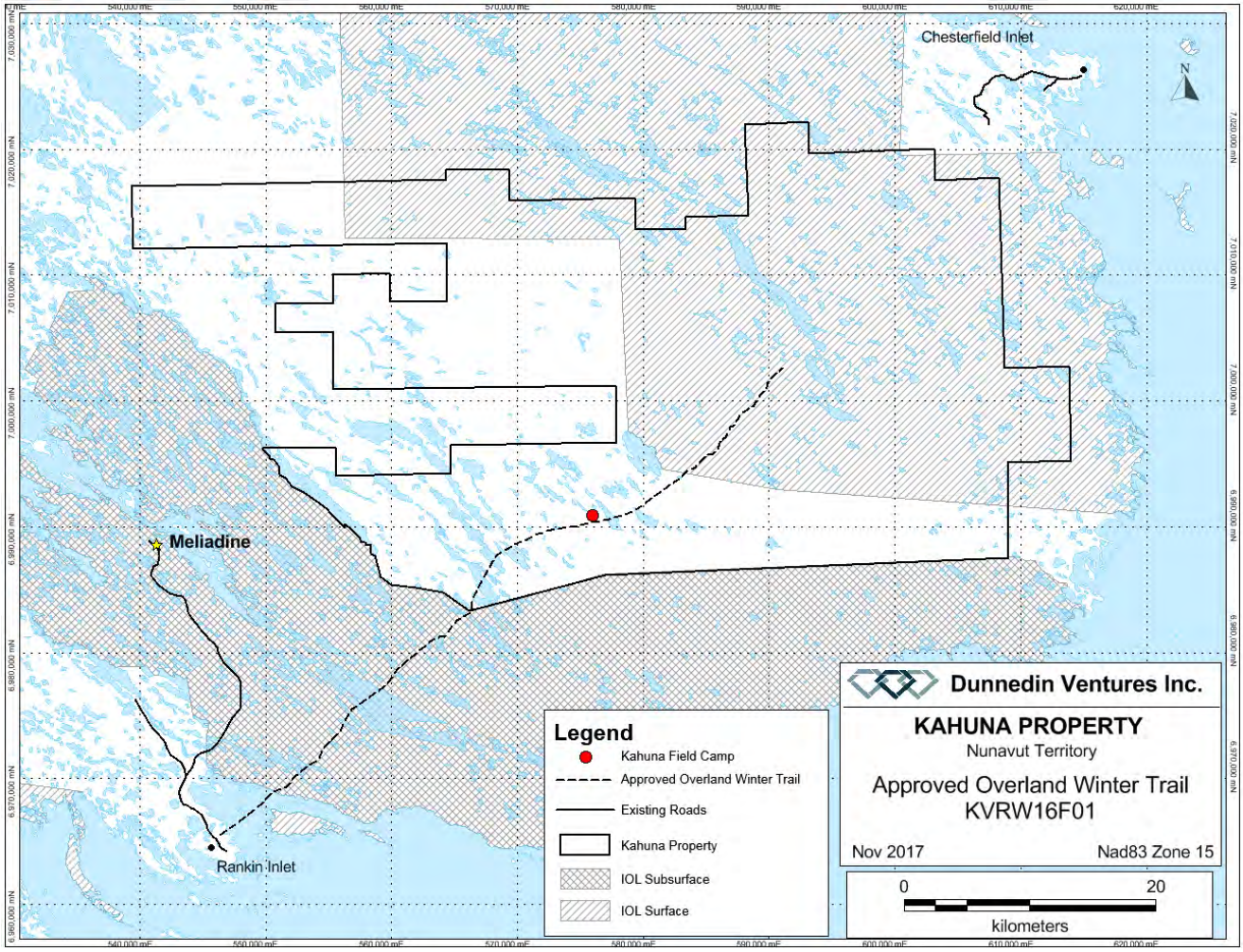

FIGURE 1: APPROVED OVERLAND WINTER TRAIL

5.2 Site Selection

To start the process of the establishment of a field camp and prior to site selection for the proposed camp location, meetings were held in Chesterfield Inlet and Rankin Inlet with representatives of the Hamlets, KIA, HTO, CLARC and the community. A summary of community consultation can be found in section 7.

More than 10 different locations were investigated as potential sites for the new field camp. Members of the Chesterfield Inlet HTO and Hamlet examined these potential camp locationsand made recommendations for the final site selection. The recommended location for Dunnedin's temporary field camp is on Crown Lands approximately 40 kilometres northeast from Rankin Inlet and 50 kilometres southwest from Chesterfield Inlet at 575,975mE and 6,990,875mN in Zone 15, UTM NAD83 (Figure 2).

The recommended temporary field camp location was selected based on the following criteria:

- Flat, sandy esker provides an excellent camp site surface.
- Large area sufficient to support all camp facilitaties including; camp tents, fuel berms, helicopter landing pad, core storage, equipment and inventory staging.
- Excellent gravel substrate for construction and drainage of a grey water sump
- Smooth flat sandy surface is ideal for fuel berm emplacement
- Proximal deep lake will provide reliable water source during frozen winter conditions.
- A minimum of 31 metres from the high water mark of any nearby water bodies or drainage courses.
- Site is on Dunnedin's permitted and licenced overland winter trail from Rankin Inlet.
- Location is free of any archaeological sites.
- Location is removed from existing heritage sites
- Located an acceptable distance from the Josephine River.
- Away from well travelled caribou trails,
- The site avoids High Intensity Inuit Harvest Areas identified by KIA
- The site is away from existing quad trails and hunting cabins

5.3 Infrastructure

Dunnedin's temporary field camp will accommodate up to 20 people and will be comprised of:

- 1 - Kitchen Tent
- 1 - Office Tent
- 1 - Dry Tent
- 1 - Core Logging Tent
- 1 - Utility Tent
- 1 - Toilet Facility (Pactos)
- 7 - Crew Accommodations (1 tent will house the First Aid Attendant and First Aid Equipment)
- 1 - Generator Shack
- 1 - Portable Fuel-Fired Incinerator
- 2 – 5m x 20m Arctic Grade Containment Berms

Figure 3 below, shows the proposed camp layout. Structures will consist of a combination of WeatherPort vinyl tents, canvas prospectors' tents and small plywood structures. All fuel storage and usage areas will be located at least 31 metres from any water body or drainage course.

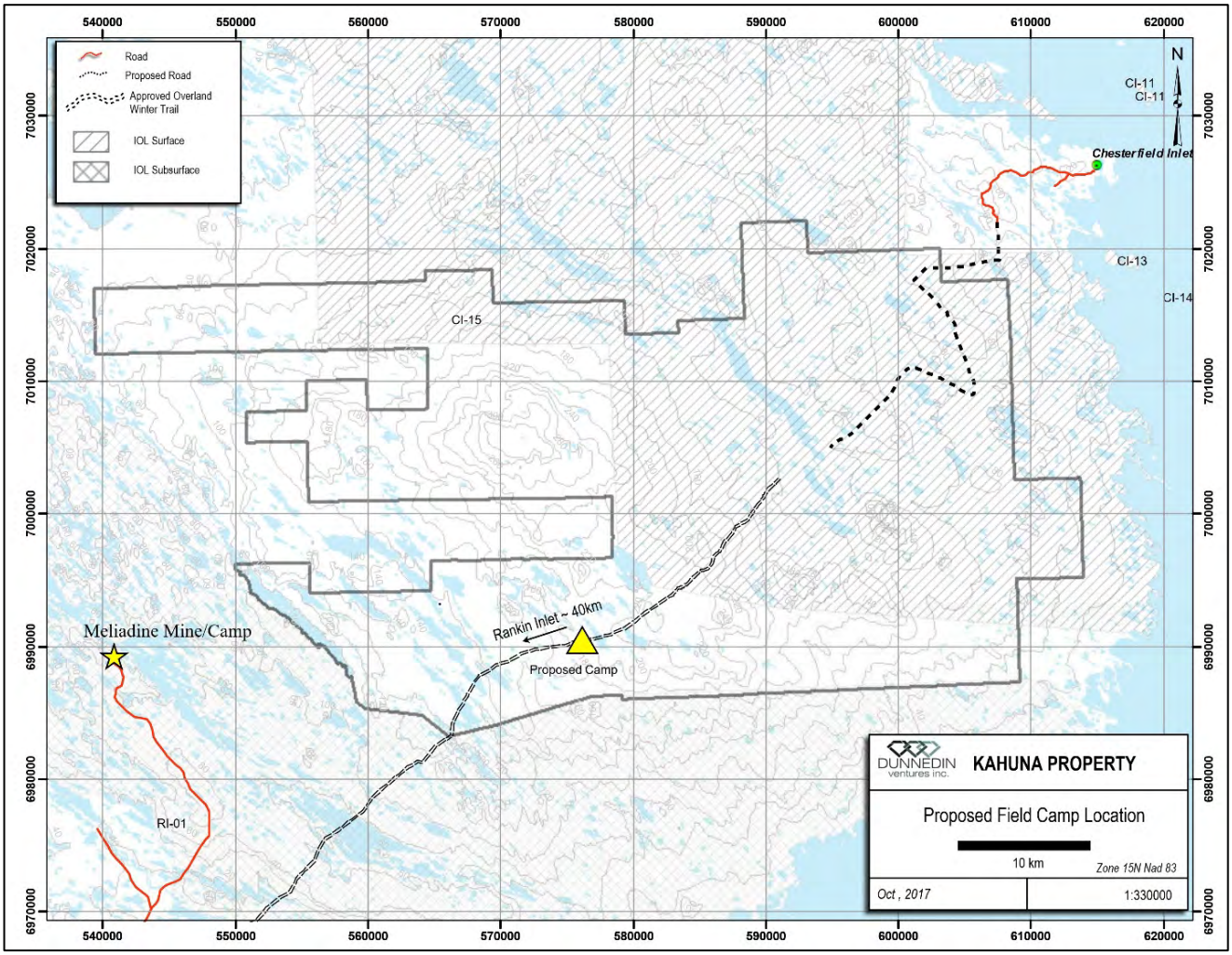

FIGURE 2: PROPOSED FIELD CAMP LOCATION

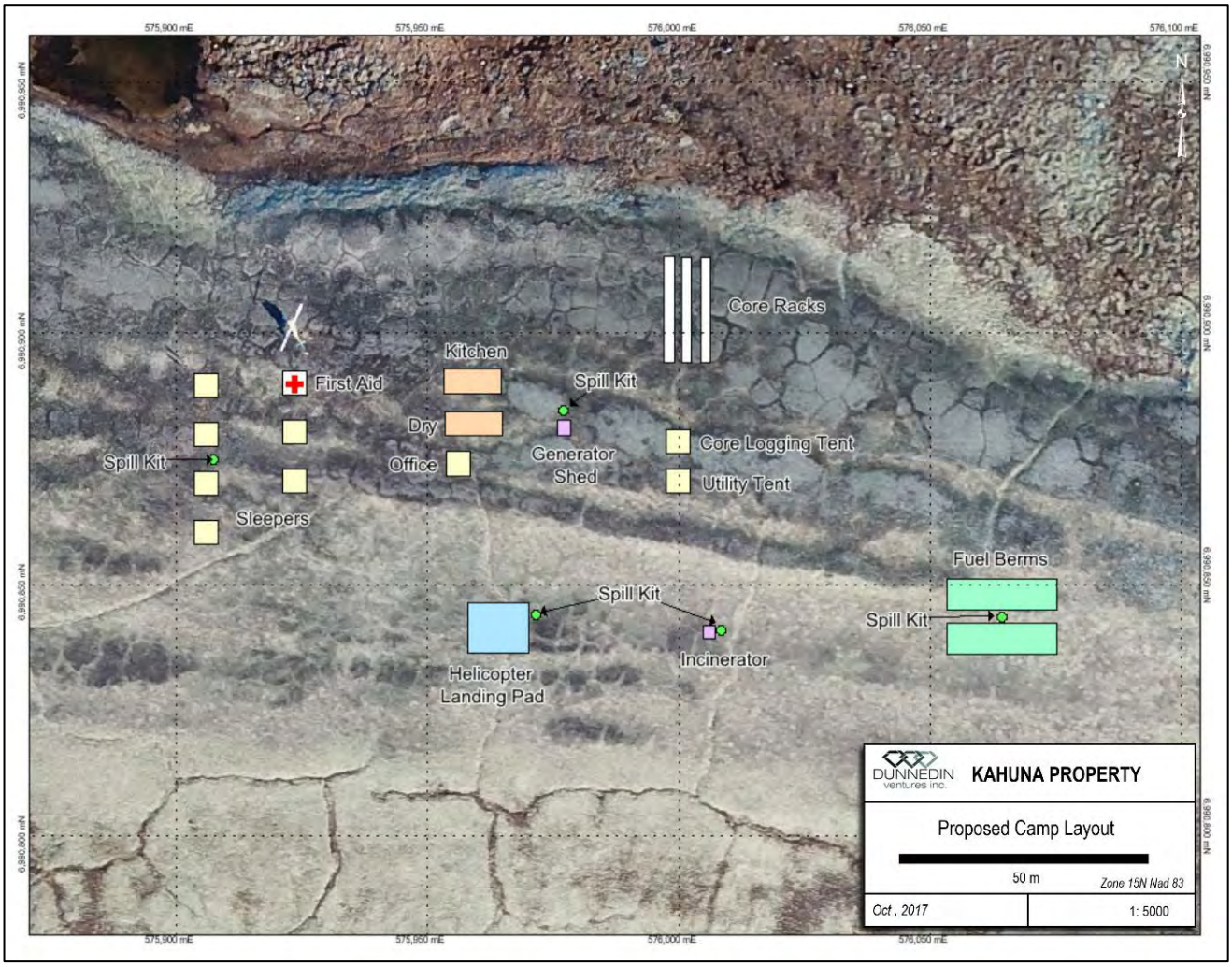

FIGURE 3: PROPOSED CAMP LAYOUT

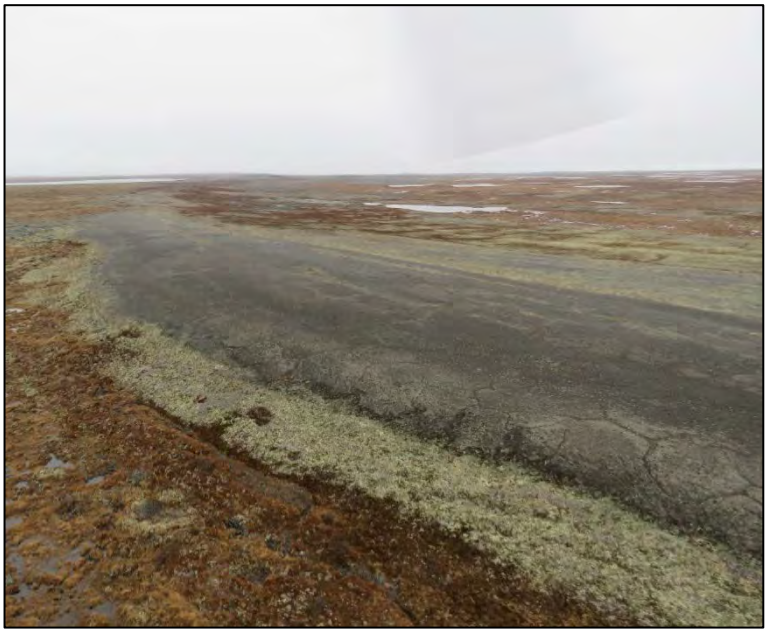

FIGURE 4: PROPOSED FIELD CAMP ESKER

5.3.1 Camp Fuel Cache

Dunnedins' existing permits and licences include authorization for 3 fuel caches that together contain an aggregate of 75 drums (205L each) of jet fuel and 120 drums of diesel fuel. Dunnedin requests an increase in the amount of fuel to be cached on the Kahuna Property to support the field camp, the proposed 2018 winter drill program and the summer 2018 exploration program. The majority of fuel to be cached on the property will be transported via Challenger and cargo sled during winter months on the overland winter trail. Additional fuel may be delivered to site via helicopter during the summer months.

A main fuel cache will be established on the east side of the new field camp facilities at 576065mE 6990845mN UTM Zone 15, UTM NAD83. Fuel to be cached on the site will include:

- 150 – 205 L drums of diesel fuel
- 150 – 205 L drums of jet fuel
- 10 – 205 L drums of gasoline
- 20 – 100 lb cylinders of propane

All fuel drums will to be stored in Arctic grade secondary containment berms equipped with Spilfyter RailMat 3 ply hydrocarbon absorbent fabric and Rain Drain hydrocarbon filters for water drainage. All fuel storage berms, fuel drums, fuel transfer and fuel staging areas will be will be located a minimum 31 metres from any water body or drainage course. All fuel storage berms, fuel drums, fuel transfer and fuel staging areas will be inspected regularly and will be equipped with easily visible and readily available spill kits.

Empty drums will drained and stored in a designated area and will be removed from the property regularly to be transported south for recycling or disposal at an authorized facility. Dunnedin will endeavor to consume the majority of the cached fuel by the end of each season. Please refer to the "Fuel Management Plan" and "Spill Prevention and Response Plan" for more information.

Chemicals and hazardous materials that may be located on the Kahuna Property include limited volumes of motor oil and hydraulic oil, cleaners, batteries, electronics, fluorescent light bulbs/tubes and small quantities of hydrochloric acid. All such materials will be stored in their original containers. Refer to the "Waste Management Plan" for the types, quantities and method of storage.

5.3.2 Camp Water and Grey Water Sump

Under Dunnedin's existing NWB Type "B" Water Licence 2BE-KDP1722, the company shall not exceed one hundred (100) cubic metres per day for industrial water purposes. Dunnedin has submitted an amendment request to NWB to add camp water use to Water Licence 2BE-KDP1722. An increase in the volume of daily water is not necessary. The combined camp and diamond drilling water shall not exceed 100 cubic metres per day. Specifically domestic water use for the camp will not exceed three (3) cubic metres per day and industrial water use for diamond drilling purposes will not exceed ninety seven (97) cubic metres per day.

There are two source lakes proximal to the selected camp site that are large enough and deep enough to supply domestic water (<3 cubic metres / day) to the camp on a year round basis. A sufficiently deep lake measuring 450 metres by 300 metres wide is located approximately 400 metres north of the camp location at 576,125mE and 6,991,300mN Zone 15, UTM NAD83. As an alternative a larger source lake measuring 3000 metres by 500 metres wide is located approximately 900 metres northeast of the camp location at 576,775mE and 6,991,250mN in Zone 15, UTM NAD83. Small lakes, ponds or streams will not be used for water intake.

A portable gasoline powered supply pump will be used for intake water. A 5 metre long source hose will be placed to minimize disturbance to the shoreline/riparian zones and substrate. Aquatic life will be protected. Waterlines will be screened in accordance with the "Freshwater Intake End-of-Pipe Screen Guideline" prepared by the Department of Fisheries and Oceans. Water will be stored in two 250 gallon water tanks in the camp dry facility. Plumbing from these tanks will be distribute to the kitchenin the dry tent for washing. During non freezing conditions, a hose line will run from the water pump to the camp. During freezing conditions water will be pumped to a water tank mounted on a qammitik and will be hauled to camp by snow mobile. The supply pump will be staged on secondary containment structure, of sufficient height and depth to contain at least 110 percent of the volume of the largest fuel reservoir.

The pump will be operational for periods of approximately 15 minutes on a once per day basis during the course of the exploration program to pump water to the camp water storage tanks. When not in use, the pump will be placed a minimum of 31 metres from the ordinary high water mark of the water body. The operating capacity of the pump is approximately 9480 gallons per hour.

Waste water from the camp will be discharged to a grey water sump. The grey water sump will be excavated into the underlying gravel substrate behind the camp kitchen and dry facilities The waste water sump will be located at least 31 metres away from any water body or water drainage. A grease trap and screens will be installed on kitchen drains to ensure food grease and solids do not enter the waste water sump. The discharge pipe will be buried and inaccessible to wildlife. No contamination of the water supply is predicted.

Camp water consumption will be kept to the minimum required for domestic camp operations. Water will only be used for hygiene and food preparation purposes.

Neither of the water use or grey water disposal sumps at the field camp will not affect water bodies or water courses.

5.3.3 Camp Sewage

The camp toilet facilities will house three or four Pacto toilet and will be located at least 31 metres away from any water body or drainage course. Pacto wastes will be incinerated as generated. Incineration ash from camp sewage will be stored in a sealed 45 gallon metal drums and will be removed from site regularly to be shipped to an authorized waste disposal facility. Refer to the "Waste Management Plan" for additional information.

5.3.4 Camp Incinerator

The proposed camp for the Kahuna Property will utilize a portable, duel chamber, forced-air incinerator for the disposal of combustible solid wastes. Incineration ash will be stored in sealed 45 gallon metal drums and will be removed from site regularly to be shipped to an authorized waste disposal facility. Refer to the "Waste Management Plan" for additional information.

5.4 Camp Closure

At the end of the 2018 field season, the WeatherPort vinyl tents and plywood structures will be left standing and ready for use for Dunnedin's 2019 field program. All canvas tent covers will be removed from tent frames during the fall and winter shut down period. The camp will be fully closed and dismantled upon completion of all exploration activities. The site will then be reclaimed and restored to its original state.

Refer to the Abandonment and Restoration Plan attached to the amendment application for complete details regarding camp closure.

6 Archaeological Investigation

An archaeological reconnaissance survey was conducted by Golder Associates Ltd. in 2016. Two low level aerial passes along the 46 kilometre long overland winter trail were undertaken. Aerial reconnaissance did not identify any archaeological sites within the vicinity of the proposed camp. As part of the 2017 investigation for a camp location high resolution air photos were collected over several different potential camp sites. There are no archaeological features evident in the high resolution air photos collected over the selected camp area.

A ground examination was conducted by Harry Aggark (Deputy Mayor of Chesterfield Inlet) and Jerome Misheralak (Aqigiq HTO) in September 2017. There were no archeological features noted. The site was deemed to be best location for a field camp. No concerns were addressed and both men recommended the camp location.

Additional archaeological studies will be carried out if any artifacts or sites are identified during ongoing work. No work will occur in any area where a known archeological site has been located. If any employee or consultant finds an archeological site, work must cease immediately, the GPS coordinates are recorded and the finding is reported immediately to the Project Manager who will report its location to the Department of Culture and Heritage (Government of Nunavut), the Land Administration Division at INAC and KIA. Handling of any archeological artifact is strictly prohibited.

7 Community Consultation

The following is a summary of community consultation conducted in 2017 with a focus on consultation regarding the temporary field camp. The complete community consultation log is appended to the amendment application.

On June 19, 2017 Bob Singh Dunnedin Exploration Manager flew Simionie Sammortuk (Mayor of Chesterfield Inlet) and Jerome Misheralak (Aqigiq HTO) by helicopter to view exploration sites and visit the abandoned Josephine camp. Both individuals support advancement of the Kahuna Project.

On June 19, 2017 a public meeting was held in Chesterfield Inlet with members of the Hamlet, the KIA, and the Aqigiq HTO present. Wildlife monitoring and helicopter flight altitudes were discussed. Locals were concerned about helicopters and caribou. DVI informed them that the helicopter companies are aware of all rules and regulations and are not to fly over caribou below 610 metres. Eli stated he would like to see water testing at Josephine Lake. DVI reiterated that they had offered to assist with clean up at the Sedna Camp but that KIA did not accept the offer.

On August 15, 2017 Chris Taylor met with Simionie Sammortuk (Mayor of Chesterfield Inlet), Roy Mullins (SAO) and David Kattsegatsiak (CEDO) in Chesterfield Inlet to discuss the project.

On August 15, 2017 a public meeting was held in Chesterfield Inlet with members of the hamlet and the Aqigiq HTO to present a project update and discuss upcoming plans. DVI required two more Wildlife Monitors and would be conducting interviews the following day. A future drill program was discussed. Solomon asked what DVI would do to ensure the protection of the environment from fuel spills. DVI's Spill Prevention and Response Plan is in place to ensure that, when fueling, spill pads are in place and that all spills are recorded and reported. DVI avoids sensitive areas. An environmental security deposit has been provided to the KIA to assure that funds will be available to remediate any exploration impacts. All fuel is stored in bermed containers.

On August 16, 2017 DVI held a public meeting in Chesterfield Inlet. Leo Mimialik was concerned about impacts on wildlife and the environmental caused by mining. It was clarified that DVI and the Kahuna Project is at a very early stage and that it takes approximately 20 years from discovery to the development of a mine. There are communities and regulators involved in every step of the process to becoming a mine and if the community does not support the project then a mine will not go forward. It is too early to know if the Kahuna Property will ever become a mine. The mayor supports putting in a camp and discussed talking with the HTO about a site to make sure it's suitable.

On September 28, 2017 Harry Aggark (Deputy Mayor of Chesterfield Inlet) and Jerome Misheralak (Aqigiq HTO) flew with DVI geologists by helicopter to the Kahuna Property to inspect possible camp locations. More than 10 different sites were visited and several different criteria for camp placement were assessed. The visit resulted with a recommendation from Harry and Jerome for a location on a flat lying gravel deposit as the best site for Dunnedin's proposed camp. The recommended location is on INAC lands 40 km northeast of Rankin Inlet.

On September 29, 2017 DVI had a meeting with the Rankin Inlet KIA to discuss field operations. Topics discussed during the meeting included helicopter altitudes and best practices, caribou protection measures, prime hunting season, community consultation, environmental/wildlife specialists, communication.

On October 24, 2017 a public meeting was held in Chesterfield Inlet to discuss the proposed 2018 exploration program and a proposed new field camp on the property. Members of the Hamlet, CLARC, Aqigiq HTO, KIA and the community were present. DVI plans to use the permitted winter trail to service the camp and to cut down on the company's helicopter use. Leo suggested a different route out of Rankin Inlet for the overland winter trail due to climate change as it might be dangerous to cross over sea ice. Harry mentioned that the route has been used in the past and since it's approved by the KIA it should be good. Discussed local hires and the desire for Inuit Qaujimajatuqangit be a part of the exploration.

On October 26, 2017 DVI had a meeting in Rankin Inlet with members of the Aqiggiag HTO, CLARC, KIA and the Hamlet. DVI recognized the concern community members had raised regarding helicopter flights out of Rankin Inlet. To mitigate this the company has proposed the establishment of a new field camp on the property. The camp would be established on INAC lands approximately 40km from Ranking Inlet and on the route of the permitted winter trail. Harry said the proposed camp site was good and the type of site that Inuit would look for. Jeff suggested the company contact the cabin holders in the area of the proposed camp. Comments received were supportive and there were no other concerns raised.

On November 9, 2017 DVI received a letter of support for the 2018 program and establishment of the new field camp from Simeonie Sammurtok, Mayor of Chesterfield Inlet on behalf of the Hamlet Council of Chesterfield Inlet. The Aqigiq HTO is also supportive of the field camp and 2018 program. A formal letter is pending.