EMERGENCEY RESPONSE PLAN

KAHUNA GOLD PROPERTY
NUNAVUT, CANADA

Prepared for:

SOLSTICE GOLD

Prepared by:

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1 Introduction

This Emergency Response Plan ("ERP") applies to mineral exploration activities conducted by Solstice Gold Corp. ("Solstice" or "the Company") on the Kahuna Gold Property ("the Property" or "the Project"), Nunavut, Canada.

This ERP will come into effect as soon as all permits, licences and authorizations have been obtained for the Project. Copies and updates to this plan may be obtained via the Company or APEX Geoscience Ltd. ("APEX"). The ERP will be replaced, upon approval, if there are any significant changes to the activities outlined in the existing permits, which warrant changes to the ERP. Minor changes will be submitted as an addendum to the ERP and submitted to the distribution list as required.

1.1 Contact Details

Table 1. Company Contact Information

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1.2 Purpose and Scope

The purpose of this ERP is to provide guidelines for all personnel that enable them to act appropriately and efficiently in the event of an emergency. Prompt, effective, and organized emergency response will ensure the safety of personnel, minimize effects on the environment, and help maintain a productive level of day to day operations at the Kahuna Gold Property.

The main goals of the plan are:

- To provide education and emergency preparedness training for all employees, contractors, and visitors at the Kahuna Gold Property.
- To enable personnel to respond to an emergency in a logical and coordinated manner in order to minimize injury, loss of property, and to mitigate environmental impacts.
- To maintain operations at a level as close as possible to normal during an emergency situation, and to restore normal operations quickly and efficiently.

This ERP will be available to all employees, contractors, and visitors at the Kahuna Gold Property. It will be posted at strategic areas, such as at drill sites, for reference. Personnel can contact the Project Field Supervisor if they wish to receive individual copies.

1.3 Other Plans

This ERP should be considered as a part of the Property-wide management system. Other management plans in place at the Kahuna Gold Property include:

- Abandonment and Restoration Plan (“ARP”)
- Environmental Management Plan (“EMP”)
- Fuel Management Plan (“FMP”)
- Spill Prevention and Response Plan (“SPRP”)
- Waste Management Plan (“WMP”)

1.4 Project Description

The Kahuna Gold Property is located on Crown and Inuit Owned Land (“IOL”) in the Kivalliq Region of Nunavut, within the 1:250,000 scale NTS map sheets, 55J, K, N and O. The Property consists of 74 Mineral Claims owned 100% by Solstice Gold Corp. and 19 Mineral Claims owned 50% by Solstice and 50% Dunnedin Ventures Inc., approximately 10 km southwest of the community of Chesterfield Inlet and 30 km northeast of the community of Rankin Inlet (see “Kahuna Gold Project Location” Figure).

The Project area is currently covered by Crown-Indigenous Relations and Northern Affairs Canada (“CIRNAC”) Land Use Permit (“LUP”) N2015C0019, Nunavut Water Board (“NWB”) water licence 2BE-KDP1722 and Kivalliq Inuit Association (“KIA”) Land Use Licences KVL315B01 and KVRW16F01, held by Dunnedin Ventures Inc. ("DVI"). DVI is in the process of submitting amendments to the land and water use authorizations to remove the area covered by the Kahuna Gold Property, therefore removing any overlap in permits and licences.

The proposed work program will consist of staking, general mineral exploration (i.e. geological mapping, prospecting, geochemical sampling, lake bottom bathymetry, airborne and ground geophysical surveying) and diamond drilling. A total of 20,000 m of drilling (in approximately 75 to 100 holes), using 1 to 2 drills, are anticipated to be completed during the term of the authorizations. At this time, the drillhole locations have not been identified, but will be strictly confined to the Property Boundary as identified on the "Kahuna Gold Project Location” Figure. As soon as definitive locations are identified for drilling CIRNAC, NWB and the KIA (if on IOL) will be notified and supplied with coordinates, GIS data (such as shapefiles) and maps.

The Kahuna Gold Property mineral exploration programs will be supported by a temporary, seasonal exploration camp, located in the southern portion of the Property (575940E/ 6990898N, NAD83 Zone 15) on Mineral Claim K90309, 100% owned by Solstice. The Kahuna Camp is currently authorized under CIRNAC LUP N2015C0019 and NWB water licence 2BE-KDP1722, held by DVI. An agreement between the companies is in place allowing DVI to have a camp on a mineral claim, which is owned 100% by Solstice and authorizing Solstice to use the camp, which is permitted/licenced by DVI.

A Solstice fuel cache will be established adjacent to the DVI Kahuna Camp fuel cache and will be authorized in the new Solstice CIRNAC LUP and NWB water licence. The Solstice fuel cache will contain 300 drums (61,500 L) of diesel, gasoline and aviation fuel. In addition, small temporary fuel caches (less than 4,000 L), may be required to supply the drilling and exploration programs. Within 10 days of the establishment of any temporary fuel cache, CIRNAC, NWB and the KIA (if on IOL) will be notified of the details of the cache including: coordinates, fuel type, container sizes, method of storage and proposed date of removal. The temporary fuel cache coordinates will also be included in the annual reports submitted to CIRNAC, NWB and the KIA.

Exploration programs are anticipated to commence approximately February 1st and conclude approximately September 30th, annually. The average number of people on site at one time will be 20, for a total of approximately 4,840 man-days. Drilling equipment and fuel will be mobilized to the Project in February from Rankin Inlet either via an overland winter trail, using Caterpillar Challengers and cargo sleds or by helicopter. The overland winter trail access is currently permitted by DVI under KIA Land Use Licence KVRW16F01 and an agreement between the companies is in place allowing Solstice to use the trail under the DVI Licence. While using the overland winter trail, Solstice will strictly adhere to the terms and conditions of Land Use Licence KVRW16F01, issued to DVI. A Solstice Right of Way Licence for use of the overland winter trail is currently under review with the KIA. Personnel and supplies will be transported to the Property either via a chartered plane or helicopter from either Chesterfield Inlet or Rankin Inlet.

One to two heli-portable diamond drill rigs will be used for the program. The drills will be configured such that they can be mounted on skids and when snow conditions allow, can be moved from drill site to drill site via overland haul using a Caterpillar Challenger. Drill crews will be based in the Kahuna Camp. As conditions allow, daily crew changes and service runs will be made by snowmobile and/or Bombardier tracked vehicles. For safety, a helicopter will be based on site and will be utilized to service the rig and drill crews when ground access is not feasible.

During the summer months, a helicopter supported drilling/exploration program will be undertaken and field crews will be transported to work areas, and drills moved from site to site, via helicopter. The Project will be demobed in September by Helicopter and/or chartered fixed-wing aircraft.

Prior to subsequent years program commencement all the regulatory authorities and will be notified and supplied with updated schedules.

2 Pre-emergency Planning

The responsibility for administration of this ERP will rest with the Project Field Supervisor. All first aid attendants, camp managers, project geologists and other personnel will support the Project Field Supervisor, and work together to ensure the plan is implemented effectively. Updates and modifications will be made as necessary.

2.1 Prevention

Solstice Gold Corp. is committed to a prevention strategy of ongoing maintenance, inventory control, and staff training. The following will be standard practice at the Kahuna Gold Property:

- All equipment and machinery will be inspected and serviced regularly to ensure it is safe and in good working condition. Specific training will be provided for the safe use of each type of equipment and machinery on site.
- All hazardous materials will be stored in a safe and appropriate manner, as required for each individual product as set out in the manufacturer's Material Safety Data Sheets ("MSDS") and in accordance with the "*Kahuna Gold Property Spill Prevention and Response Plan*" and "*Kahuna Gold Property Fuel Management Plan*".
- All hazardous materials will be subject to strict inventory control. Logs will be kept and regular inspections will be performed.
- Weekly safety meetings will focus on improving safety and environmental performance. Personnel will be reminded of possible hazards and consequences, as well as any countermeasures and the resources available during an emergency situation.
- Appropriate personal protective equipment ("PPE") will be required for all activities at the project including, but not limited to:
    - Satellite Phone
    - SPOT/InReach
    - Radio
    - Survival Bag
    - GPS and compass
    - Maps
    - First aid kit
    - Variable weather appropriate clothing (ie. rain, snow, wind, sun, etc)
    - Sun/insect protection
    - High Visibility Clothing/Vest
    - Bear Spray/ banger/ horn
    - Work gloves
    - Hearing protection
    - Hard hats
    - Safety glasses
    - Helmet
    - Steel or composite toe boots
    - Life jackets

2.2 Hazard Identification

2.2.1 Toxicological and Physiochemical Properties of Chemicals

The MSDS will be posted in binders at all safety stations on site. They can also be found in the "*Kahuna Gold Property Spill Prevention and Response Plan*".

2.2.2 Fire

All precautions possible will be taken to prevent fires at worksites, because the difficulty in effectively fighting fires at this remote location. Locations of fire alarms and evacuations routes (if not obvious, e.g. only one door) will be posted in all work areas; fire extinguishers will be clearly marked in an approved manner. The potential locations for a fire at the Kahuna Gold Property are identified in Table 2.

Table 2. Possible Locations of Fire at the Kahuna Gold Property

Location	Precautions
Fuel Cache	Training, preparation, prevention and recognition of fire hazards, Good housekeeping practices, Proper handling of combustible and flammable materials, Adequate fire suppression equipment i.e. Fire extinguishers
Drill	
Helicopter	
Fixed Wing Aircraft	

2.2.3 Extreme Weather

Weather extremes can include, but are not limited to, heavy snowfall to blizzard conditions in winter, heavy rain causing flooding in summer and fog. Supervisory personal will be appropriately experienced in order to be able to judge when conditions deteriorate to the extent that work should cease, and crews return to camp. Radio, SPOT, InReach and/or satellite phone contact will be available throughout the Property and thus personnel can be advised at any time of deteriorating weather situations and the status of crews working outside.

2.2.4 Daily Schedules and Check-in

Filed crews will be performing general exploration activities including geological mapping, prospecting, geochemical sampling and ground geophysics, as well as working at the drill for the duration of the program. Access to work sites will be via helicopter. The crew is responsible for the check-in's before/during field work as follows:

1. Establish an "Off-site" Check-in:

- The field crew must establish an 'off-site' check-in prior to commencing any field work.
- This should be confirmed at the beginning of each field day.
- The 'off-site' check-in is ultimately responsible for the safety of the field crew.
- All designated 'off-site' check-ins must be available at all times while the crews are
- active in the field.
- Check-ins must have access to their InReach, Satphone and or e-mail to check for Spot messages, etc.
- Check-ins must know and understand all Emergency Response Procedures.
- Check-ins must have a copy of the Emergency Contact phone list.
- If you are not available as a 'check-in' then you cannot be the check-in.

2. OK signals:

- To be sent by SPOT, InReach, satphone, etc

- at the beginning of the traverse and at the end of the traverse once
- the helicopter is reached.
- Used to let the 'off-site' check-ins know the location of the crew and status of the crew.
- Message goes to all the users programmed to that specific Spot/InReach unit.

3. "On-Site" Check-In

- Check-in once back at camp

3 Emergencies

In the event of an emergency the crew may be required to initiate the emergency response plan. Whenever possible, the crew will attempt to use the satellite phone to clearly communicate the situation and initiate the appropriate response plan. The off-site check-in may be required to initiate the emergency plan if the crew cannot be contacted. SPOT units or InReach are to be used as a back-up or to supplement this line of communication. (e.g. a lost crew may use the HELP message to send their exact coordinates to search and rescue). The satellite phone will be kept on and connected during the duration of an emergency until the problem is resolved.

The following SPOT/ InReach messages may be received by the 'off-site' check-in with information supplemented by phone:

1. Message signals:

- To be sent when the crew is going to be late.
- Tells the both the on-site and off-site check in that the crew will be X minutes late, and that they should expect an Ok message in X minutes.
- Repeat this step if needed.
- No immediate action required by the off-site check-in

2. Help Messages:

- Will be used when experiencing mechanical difficulties with a helicopter, snowmobile, or similar, and satellite phone communication is not possible.
- The crew should attempt to contact the off-site check-in to discuss the situation
- If the crew cannot be contacted then the off-site check-in will determine the course of action depending on the plans for the day, location of the spot and other know conditions
- Based on the location of the crew, the 'off-site' check-in may be better able to assist in a course of action.
- Message goes to all users programmed to that specific Spot/InReach unit.

3. Emergency Message:

- To be sent in the case of a life threatening situation or medical emergency.
- Examples could include a critical illness, injury or helicopter accident.
- The decision to send an emergency message will be a judgement call made by the involved crew members.
- The crew should attempt to contact the off-site check-in to discuss the situation

- The messages, along with the coordinates are immediately sent to Emergency
- Services.
- Only the Emergency Contacts, programmed to that Spot unit are notified of the situation.

4. Missed Check-In:

In the event that a crew fails to check in at the end of the day, the 'off-site' check-in will follow these steps outlined below:

Step 1.

- Attempt to contact the field crew on their designated satellite phone or InReach.
- Contact camp manager to confirm if the crew has come back or not.
- Allow the late crew an additional hour before implementing the Emergency Response Plan.
- Any field crews who know that they will miss their established check-in time should make all attempts to contact their check-ins via satellite phone, SPOT, InReach, radio, etc.
- Crews should leave their satellite phones on to help facilitate communication.

Step 2.

- If the missing crew has failed to check-in, the off-site check-in will check the SPOT/InReach website to see the last recorded position for the missing crew.
- Based on the crews last known position the off-site check-in should determine the course of action to take, such as organizing a search party or calling authorities, etc.

Step 3.

- If the off-site check-in determines the root cause is a mechanical issue or a non-life-threatening issue, then they can deploy filed based personnel to assist the missing group.
- Field personnel should attempt to maintain an open line of communication with the offsite check-in at this time.
- Confirmation of contact should be made immediately.

Step 4.

- If the off-site check-in determines that the situation is of a serious/critical nature (i.e.. no SPOT/InReach communication for an extended period of time or a fixed SPOT position for an extended period of time) the appropriate search and rescue plan should be initiated.
- The off-site check-in should relay the following information:
    - Names of the missing crew
    - Last known position of the crew in lat/longs
    - Check-in details
    - Source of transportation
    - And any other significant information

3.1.1 Medical Emergency

Medical emergencies can occur at any time and could be due to accidents or illness.

If medical evacuation is required:
Contact Kivalliq Health Centre in Rankin Inlet by satellite phone 867-645-8300

Kahuna Camp Location:

Geographic coordinates (Latitude, Longitude)				UTM Coordinates
Hemisphere	DMS	DMM	DDD	
	ddd°mm'ss.ss"	ddd°mm.mmm'	ddd.ddddd°	Northing: 6990898
Latitude: ◉ N ○ S	63 ° 2 ' 22.88 "	63 ° 2.381 '	63.03969 °	Easting: 575940
Longitude: ◉ W ○ E	91 ° 29 ' 55.07 "	91 ° 29.918 '	91.49863 °	Zone/Sector: 15V
*Datum:	WGS84/NAD83	WGS84/NAD83	WGS84/NAD83	WGS84/NAD83

Medical evacuations will be accomplished by means of helicopter transport to Rankin Inlet for patient stabilization, evaluation and coordination of further medevac to Yellowknife, if necessary. First Aid Attendants at the Project will be able to provide first aid and to treat more minor injuries and illness. A satellite phones will be available at the Kahuna Gold Property in order to provide reliable telephone communications in the event of a medical emergency requiring consultation with outside medical help and/or requesting a plane for medevac.

Table 3 lists emergency contacts for outside resources available for assistance with medical emergencies. Table 4 lists other emergency contacts.

Table 3. Medical Emergency Contacts

Resource	Location	Telephone Number
Hospital/Health Center		
Stanton Territorial Hospital Switchboard	Yellowknife	(867) 669-4111
Stanton Territorial Hospital Medical Travel	Yellowknife	(867) 669-4115
Qikiqtani General Hospital	Iqaluit	(867) 975-8600
Kivalliq Health Center	Rankin Inlet	(867) 645-8300
Chesterfield Inlet Health Centre	Chesterfield Inlet	(867) 975-4295
Baker Lake Health Centre	Baker Lake	(867) 793-2816
Medevac Service		
Kivaliq Air	Rankin Inlet	(867) 645-4455
Adlair Aviation	Yellowknife	(867) 873-5161
Adlair Aviation	Cambridge Bay	(867) 983-2569
Poison Control		
Nunavut Poison Control		(867) 669-4100
Mental Health		
Kamatsiaqtut Help Line		(800) 265-3333
Mental Health Worker Emergency		(867) 975-5650

Table 4. Other Emergency Contacts

Resource	Location	Telephone Number
RCMP	Yellowknife	Emergency (867) 669-1111 Non-Emergency (867) 669-0123
	Iqaluit	Emergency (867) 979-1111 Non-Emergency (867) 979-0123
	Rankin Inlet	Emergency (867) 645-1111 Non-Emergency (867) 645-0123
	Chesterfield Inlet	Emergency (867) 898-1111 Non-Emergency (867) 989-0123
	Baker Lake	Emergency (867) 793-1111 Non-Emergency (867) 793-0123
WSCC		
Switchboard	Yellowknife	(867) 920-3888
Switchboard	Iqaluit	(867) 979-8500
Mines Inspector – Lex Lovatt	Yellowknife	(867) 920-3849
Chief Inspector of Mines NU/NT – Fred Bailey	Yellowknife	(867) 669-4430
Incident & Injury Reporting	Yellowknife	(800) 661-0792
CIRNAC		
Manager of Field Operations – Erik Allain	Iqaluit	(867) 975-4295
Kivalliq Resource Management Officer – Christine Wilson	Iqaluit	(867) 645-2830
Emergency Spill Report (24-hour line)		(867) 920-8130

Figure 1. Kahuna Gold Property Location