EMERGENCY RESPONSE PLAN

KAHUNA GOLD PROPERTY
NUNAVUT, CANADA

Prepared for:

SOLSTICE GOLD

Prepared by:

APEX Geoscience Ltd.

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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 pending approval from all relevant regulatory bodies. 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

Solstice Gold Corp. Martin Tunney, President 1020, 800 West Pender Street Vancouver, BC V6C 2V6 Tel: (416) 301-3985 mtunney@solsticegold.com www.solsticegold.com	**APEX Geoscience Ltd.** 100, 11450-160 Street NW Edmonton, AB T5M 3Y7 Tel: (780) 467-3532 www.apexgeoscience.com

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 camp in the office and kitchen and 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 land and Inuit Owned Land ("IOL") in the Kivalliq Region of Nunavut. The Property is approximately 35 km southwest of Igluligaarjuk (Chesterfield Inlet) and 30 km northeast of Kangiqliniq (Rankin Inlet).

The Property comprises 72 mineral claims 100% owned by Solstice and 19 mineral claims owned 50% by Solstice and 50% by Kodiak Copper Corp. ("Kodiak," formerly Dunnedin Ventures Inc.). Solstice has primary rights on 9,022 ha of the jointly held claims, for a total Property area of 88,589 ha. Prior to November 14, 2017 the mineral claims comprising the Property were held wholly by Kodiak.

Past work on the Property included prospecting, geological mapping, geochemical sampling, geophysical surveys and a six-hole diamond drilling program. Solstice does not currently have a camp permitted as the previous Solstice field programs were either supported out Kodiak's Kahuna Camp (2018), Rankin Inlet (2019) or from a small temporary fly camp (2020).

Solstice proposes annual exploration programs which include rock, soil, and till geochemical sampling, geological mapping, ground and/or airborne geophysical surveys and diamond or reverse circulation ("RC") drilling of up to 20,000 m. Field programs may commence as early as February, beginning with overland mobilization of equipment and supplies from Rankin Inlet along the Winter Trail, which passes through the Property, using Caterpillar Challengers (or equivalent) and cargo sleds. Drilling may then commence mid-March to mid-May to test targets below lakes with drilling of land targets commencing mid-June through September. Ground based prospecting and sampling activities would follow in June once the land is free from snow and the Property surface is fully accessible.

Exploration activities will be supported by ground access in the winter where conditions allow, utilizing tracked vehicles to facilitate crew changes and drill moves. A helicopter and/or fixed wing aircraft will be on site and will be utilized for mobility when ground access is not feasible.

Solstice is currently applying for amendments to the Nunavut Water Board ("NWB") Type B Water Licence 2BE-KGP1823 and Crown-Indigenous Relations and Northern Affairs Canada ("CIRNAC") Land Use Permit ("LUP") N2018C0020 for authorization to operate a 40-person camp on the Property. The water licence amendment will also

include an increase in the water allowance from 200 m3/day (for drilling) to 299 m3/day (10 m3/day for camp and 289 m3/day for drilling). Solstice has already been approved by the Kivalliq Inuit Association ("KIA") to renew Inuit Land Use Licenses KVL318B01 and KVRW18F02, which authorize prospecting, exploration, drilling and use of the Winter Trail, respectively.

All exploration activities will either be based out of a new Solstice Camp, located adjacent to the existing Kodiak Kahuna Camp or at the existing Kahuna Camp. Following the submission of the 2021 application to amend CIRNAC LUP N2018C0020 and NWB Water Licence 2BE-KGP1823 to the Nunavut Planning Commission ("NPC") and Nunavut Impact Review Board ("NIRB"), Solstice management was informed by Kodiak Copper, that it is Kodiak's intention remove the Kodiak Camp from the field, reclaim the location and remove the Kodiak Camp from their CIRNAC LUP and NWB Water Licence. Solstice and Kodiak have entered into discussions, which include the potential for Solstice to either take over the Kodiak Camp or purchase some of the materials and items from Kodiak and relocate them to the new Camp location before the Kodiak Camp is removed.

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 "*Fuel Management Plan*".
- All hazardous materials will be subject to strict inventory control. Logs will be kept, and regular inspections 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 (i.e.. 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, due to 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 for All Locations
Camp Kitchen	Training, preparation, prevention and recognition of fire hazards. Good housekeeping practices. Proper handling of combustible and flammable materials. Adequate fire suppression equipment available i.e. Fire extinguishers
Camp Tent	
Fuel Cache	
Drill	
Helicopter	
Fixed Wing Aircraft	
Incinerator	

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 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

Field 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, snowmobile or Caterpillar Challenger. 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 person prior to commencing any field work.
- This should be confirmed at the beginning of each field day.
- The 'off-site' check-in person is ultimately responsible for the safety of the field crew.
- All designated 'off-site' check-in persons must be available at all times while the crews are active in the field.
- Check-in persons must have access to their InReach, Satphone, radio and/ or e-mail to check for Spot messages, etc.
- Check-in persons must know and understand all Emergency Response Procedures.
- Check-in persons 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 person.

2. OK signals:

- To be sent by SPOT, InReach, satphone, radio, 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-in persons 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 or radio to clearly communicate the situation and initiate the appropriate response plan. The 'off-site' check-in person may be required to initiate the Emergency Response 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 person 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 as needed.
- No immediate action required by the 'off-site' check-in person.

2. Help Messages:

- Will be used when experiencing mechanical difficulties with a helicopter, snowmobile, or similar, and when satellite phone communication is not possible.
- The crew should attempt to contact the 'off-site' check-in person to discuss the situation.
- If the crew cannot be contacted then the 'off-site' check-in person 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 person 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 person to discuss the situation.
- The 'off-site' check-in person should then initiate the Emergency Response Plan.
- 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 person 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 person will check the SPOT/InReach website to see the last recorded position for the missing crew.
- Based on the crews last known position and the crews planned trajectory the 'off-site' check-in person 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 person determines the root cause is a mechanical issue or a non-life-threatening issue, then they can deploy field-based personnel to assist the missing group.
- Field personnel should attempt to maintain an open line of communication with the offsite check-in person at this time.
- Confirmation of contact should be made immediately.

Step 4.

- If the 'off-site' check-in person 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 person 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

(Proposed) Solstice Camp Location:

Latitude: (63°02'25.34" N) Longitude: (91°30'10.95" W)

UTM Coordinates: 575,715 m Easting 6,990,969 m Northing (NAD 83 zone 15)

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. 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) 898-9968
Baker Lake Health Centre	Baker Lake	(867) 793-2816
Medevac Service		
Kivalliq Region Medivac	Rankin Inlet	(800) 913-4393
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		(867) 979-3333
Mental Health Worker Emergency		(888) 893-8333

Table 4. Other Emergency Contacts

Resource	Location	Telephone Number
RCMP	Yellowknife	Emergency (867) 669-1111 Non-Emergency (867) 765-3900
	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) 898-0123
	Baker Lake	Emergency (867) 793-1111 Non-Emergency (867) 793-0123
WSCC		
Switchboard	Yellowknife	(867) 920-3888
Switchboard	Iqaluit	(877) 404-4407
Chief Mining Inspector – Cary Ingram	Yellowknife	(867) 920-3805
OHS Supervisor – Mark Kelly	Yellowknife	(867) 669-8366
Incident & Injury Reporting	Yellowknife	(800) 661-0792
CIRNAC		
Manager of Field Operations	Iqaluit	(867) 975-4295
Kivalliq Resource Management Officer	Rankin Inlet	(867) 645-2831
Emergency Spill Report (24-hour line)		(867) 920-8130

Figure 1. Kahuna Gold Property Location