

<form>    MINTELE Namber   9202NW25   National Huventor Number Number</form>			Location/Identif	fication			
Nere::GMUNEESet intermediateSet intermediate <th< th=""><th>MINFILE Number:</th><th>092GNW025</th><th>National</th><th>Mineral Inventory Nun</th><th><b>uber:</b> 092G11 Cu7</th></th<>	MINFILE Number:	092GNW025	National	Mineral Inventory Nun	<b>uber:</b> 092G11 Cu7		
GMBFE ISJUNUCEPPER, MR, DAYBREAK, GAMBER CREFE, JON, GATE, N.   Valore     State   Peceloge Orogee   Valore   Minie, Drivine   Valore     Regins:   00001   State   State   State     NTM p:   00011V   UTV and   0104 JUT   State     Latitud   00005   UTV   State   State     Latitud   00005   UTV   State   State     Latitud   00005   State   State     Constate   100005   State   State     Constate   Constrone   State   State     State   State   State   State     Alter Latie   State   State   State     Alter	Name(s):	GAMBIER ISLAND					
Sates:   Ning Wrise:::   Vanuare:     Region:::   Subalize Count is is one with the server Butrie::   Subalize Count is one with the server Butrie::     BCG May:   092104		GAMBIER ISLAND COPPER, MB, DAYBREAK, GAMBIER CREEK, JON, GALE, B, C					
Region:   British Columbia   Electran District:   Powell River-Sunshine Coast     Region:   002C3 May   Sunshine Cost Forest District:   Sunshine Cost Forest District:     NTS May:   002C3 Hay   UTA Zane:   90 (NA BS)     Latitude:   493 045 N   Northing:   673377     Longitude:   133 22 04 W   Easting:   473377     Longitude:   135 metras   473377     Longitude:   With Homes   473377     Comments:   Centre of mineralized zwe long Gambier Creek on the nort Gramber Islam In Howe Sound, 28 kilometres north Comments / Gramber Islam Howe Sound, 28 kilometres north Comments     Comments:   With:   Payser, Molyhdenum, Zine, Lead, Silver, Gald     Mineral   Significant:   Paysite, Chalceptyrite, Molyhdenite, Splaukrite, Galean, Bornite     Mineral   Significant Comments:   Carles orthogeneity File - Representation: Failed in Howe Sound, 28 kilometres north Comments:     Significant Comments:   Receiver Molyhdenite, Splaukrite, Galean, Bornite:     Alternation:   Significant Comments:   Receiver Molyhdenite, Splaukrite, Galean, Bornite:     Mineral   Significant Comments:   Receiver Molyhdenite, Splaukrite, Galean, Bornite:     Mineral   Significant Comments:   Receiver Molyhdenite, Splaukrite, Galean, Bornite:     Type:   Noteristin:   Significant Comments: <td< th=""><th>Status:</th><th>Developed Prospect</th><th></th><th>Mining Division:</th><th>Vancouver</th></td<>	Status:	Developed Prospect		Mining Division:	Vancouver		
Negin:Resure Nature:Resure Nature:Subsine Constraints:NS May:092 K3UTNZ Series00 K0 K	Status			Electoral District:	Powell River-Sunshine Coast		
BCG Mig:   092001 W   UT Maxe:   092001 W   S484496     Latitude:   13322.04 W   Easting:   1434496     Latitude:   13322.04 W   Easting:   13337     Elevation:   13322.04 W   Easting:   13337     Elevation:   13322.04 W   Easting:   13337     Elevation:   13322.04 W   Easting:   13337     Comment:   10000 (Control of mineralized control on the onth of Gambier Hand of Sambier Hand of Hand Of Hand Hand of	Regions:	British Columbia		<b>Resource District:</b>	Sunshine Coast Forest District		
NTS May:092Ti IVUTM Zone:10 (NAD 8)Latitude:123 v1Northing:544496Longitude:130 metres43377Elevation130 metres43377Longitude:Centre of mineralized metre and or Gambier Look and use of some and or Gambier Look and use of a mineralized metre and or Gambier Look and use of a mineralized metre and or Gambier Look and use of mineralized metre and use of	BCGS Map:	092G054					
Lating $43$ 304 5 NNorthig:S484496Longitude:130 ***Fassing:473337Elevation:130 ***473337Comment:Within 100M	NTS Map:	092G11W		UTM Zone:	10 (NAD 83)		
	Latitude:	49 30 45 N		Northing:	5484496		
Elvention:   150 metres     Location Accuracy   150 metres     Comments:   Centre of mineralized zone along Gambier Creek on the north end of Gambier Island in Howe Sound, 28 kilometres north from the city of Vancouzer (Property File - Report by Acres Consulting).     Comments:   Comments:     Commonifies:   Comments:     Significant:   Optic:     Significant:   Optic:     Significant:   Optic:     Associated:   Optic:     Optic:   Optic:     Associate:   Optic:     Deposit   Optic: <th>Longitude:</th> <th>123 22 04 W</th> <th></th> <th>Easting:</th> <th>473377</th>	Longitude:	123 22 04 W		Easting:	473377		
Location Accurrency:     Within 100M       Comments:     Center of mineralized sure along Cambier Creek on the north end of Cambier Island in Howe Sound, 28 kilometres north from the city of Vancouver (Property File - Report by Acres Consulting).       Jonamodifies:     Copper, Molybdenum, Zine, Lead, Silver, Gold       Minerals     Significant Comments:     Rare bornic.       Significant Comments:     Rare bornic.     Significant Comments:       Associated:     Quartz     Quartz       Alteration Type:     Scrictic, Floidone     Significant Comments:       Alteration Type:     Scrictic, Pointow     Significant Comments:       Deposit     Character:     Stockword, Disseminated, Vein       Classification:     Portphyry, Hydrothermal     Figure Montifie:       Type:     Uok Perphyry Cu +/- Mo +/- Au     Shape:       Shape:     Tregalar     Montifie:     Faulted       Dimension:     1200/s200.00 metres     Coart Provide     Coart Provide       Jurasie-Cretencous     Group     Undefined Pornation     Igneous/Metamorphic/Other       Jurasie-Cretencous     Group     Undefined Pornation     Gast Putonic Complex       Lower Cretencous     Group     Lindefined Pornation     Egneous/Metamorphic/Other </th <th>Elevation:</th> <th>150 metres</th> <th></th> <th></th> <th></th>	Elevation:	150 metres					
Comments: Centre of mineralized zone along Gambier Creek on the north end of Gambier Island in Howe Sound, 28 kilometres north from the eity of Vaces Consulting.).         Commodities:       Centre of mineralized zone along Gambier Creek on the north end of Gambier Island in Howe Sound, 28 kilometres north from the eity of Vaces Consulting.).         Commodities:       Corper, Molybdemum, Zinc, Lead, Silver, Gold         Mineral       Significant island in the eity of Vaces Consulting.).       Mineral Occurrence         Mineral       Significant island in the eity of Vaces Consulting.).       Prite, Chalcopyrite, Molybdenite, Sphalerite, Galena, Bornite         Associated:       Quartz       Rare bornite.       Associated:       Quartz         Associated:       Quartz       Neralized zone.       Deposit       Character:       Stockwork, Disseminated, Vein         Deposit       Character:       Stockwork, Disseminated, Vein       Faulted       Faulted         Jurasie-Create       Deophyry, Hydrothermal       Faulted       Faulted         Dimension:       Discolvo metres       Formation       Igneous/Metamorphic/Other         Jurasie-Createcous       Gambier       Undefined Formation       Igneous/Metamorphic/Other         Jurasie-Createcous       Gambier       Undefined Formation       Igneous/Metamorphic/Other         Low       Group       <	<b>Location Accuracy:</b>	Within 100M					
Mineral Occurrence       Mineral Occurrence       Commodities:     Commodities:     Commodities:     Commodities:     Prine Chalcopyrite, Molybdemite, Sphalerite, Galena, Bornite       Ninerals     Significant:     Pyrite, Chalcopyrite, Molybdemite, Sphalerite, Galena, Bornite     Significant:     Pyrite, Chalcopyrite, Molybdemite, Sphalerite, Galena, Bornite       Associated:     Quartz     Stassciated:     Quartz       Associated:     Quartz     Stassciated:     Stassciated:     Pyrite, Chalcopyrite, Propylitic, Potassic       Atteration Type:     Sericite, Stockwork, Disseminated, Vein     Stassciated:     Pyrite:     Loft Prophyry, Potassic       Deposit     Character:     Stockwork, Disseminated, Vein     Fulled     Parameter       Shape:     Intergular     Modifier:     Fulled       Dimension:     1200x200x0 metres     Fulled     Parameter       Stratigraphic Age:     Group     Formation     Igneous/Netamorphic/Other       Jurassic-Cretaccous     Gambier     Undefined Formation     Igneous/Netamorphic/Other       Jurassic-Cretaccous     Gambier     Igneous/Netamorphic/Other     Gausscie       Stoopic Age     Dati	Comments:	Centre of mineralized	zone along Gambier Creek on the north	end of Gambier Island in	Howe Sound, 28 kilometres north		
Mineral Occurrence       Commodities:     Coper, Molybdemum, Zim, Lead, Silver, Gold       Minerals     Significant:     Pyrite, Chalcopyrite, Molybdenite, Sphalerite, Galena, Bornite       Significant:     Quartz       Associated:     Quartz       Atteration:     Sericitic, Biotite, Chlorite, Epidote       Atteration:     Sericitic, Propylite, Potassic       Mineralization Age:     Unknown       Deposit     Character:     Sockwork, Disseminated, Vein       Classification:     Porphyry, Hydrothermal     Fuller       Type:     Lot Porphyry, Cu +/ Mo +/- Au     Fuller       Bineralized zone:     Furgelant     Modifier:     Fuller       Diminant Host Rock:     Putonic:     I 2005/2000 metres     Formation     Leneous/Metamorphic/Other       Jurasio-Cretaceous     Gambier     Undefined Formation     Leneous/Metamorphic/Other       Jurasio-Cretaceous     Image     <		from the city of Vanc	ouver (Property File - Report by Acres C	Consulting).			
Commotifier     Coper. Molybdenum, Zin-Lead, Silver, Gold       Minerals     Significant Commonity:     Partie, Chalcopyrite, Molybdenite, Sphalerite, Galena, Bornite       Significant Commonity:     Rare bornite:     Auteration       Auteration:     Quantz     Auteration:     Sericite, Biotific, Chlorite, Epidote       Auteration:     Sericite, Biotific, Chlorite, Epidote     Auteration:     Sericite, Propylitic, Potassie       Mineralization Age:     Unknown     Unknown     Sericite, Propylitic, Potassie       Deposit     Charaeter:     Stockwork, Disseminated, Vein     Sericite, Stockwork, Disseminated, Vein       Type:     Lobarge Modifier:     Fuller     Seriet:     Seriet:       Mineralized     Ude: Porphyry, Hydrothermal     Seriet:     Seriet:     Seriet:       Type:     Lobarge Modifier:     Fuller     Seriet:     Seriet:       Immension:     Ude: Porphyry, Hydrothermal     Seriet:     Seriet:     Seriet:     Seriet:       Jumension:     Ude: Porphyry, Hydrothermal     Seriet:			Mineral Occur	rence			
Minerals     Significar:     Princ, Chalcopyrite, Molyblenite, Sphalerite, Galena, Bornite, Galena, Galena	Commodities:	Copper, Molybdenum, Zin	ic, Lead, Silver, Gold				
Significant Comment:     Quartz       Associated:     Quartz       Associated:     Scricite, Biotite, Chlorite, Epidote       Atteration:     Scricite, Propylitic, Polassie       Atteration Type:     Octive, Propylitic, Polassie       Deposit     Character:     Sicricite, Propylitic, Polassie       Dimensitzation Age:     Unknown       Type:     L04: Prophyry, Hydrothermal       Type:     L04: Prophyry, Ch +/ Am +/- Am       Shape:     Regular Amorta       Dimension:     1200x200x0 metres       Tomment:     Plutonic       Stratigraphic Age:     Group       Stratigraphic Age:     Group       Jurassic-Createcous     Gambier       Jurassic-Cre	Minerals	ls Significant: Pyrite, Chalcopyrite, Molybdenite, Sphalerite, Galena, Bornite					
Associated: Quartz Atteration: Sericite, Biotite, Chlorite, Epidote Atteration Type: Scricitie, Propylitie, Potassie Atteration Type: Scricitie, Propylitie, Potassie Mineralization Age: Unknown Classification: Porphyry, Hydrothermal Type: L04: Porphyry Cu +/- Mo +/- Au Shape: UA2: Porphyry Cu +/- Mo +/- Au Shape: UR2 VER Stratigraphic Age Ver Stratigraphic Age Ver Jurassic-Cretaceous Gambier Undefined Formation Gambier Complex Lower Cretaceous Gambier Gamb		Significant Comments: Rare bornite.					
Alteration:     Sericitic, Biolite, Chlorite, Epidote       Alteration: Type:     Sericitic, Propylitic, Potassic       Mineralization Age:     Unknown       Deposit     Character:     Stockwork, Disseminated, Vein       Type:     Lokework, Disseminated, Vein       Type:     Stockwork, Disseminated, Vein       Type:     Loke Porphyry, Hydrothermal       Type:     Loke Porphyry Cu +/- Mo +/- Au       Shape:     Intergular     Modifier:       Pominant Host Rock:     Plutonic     Formation       Jurassic-Cretaceous     Group     Formation     Goast Portuoin       Jurassic-Cretaceous     Gambier     Undefined Formation     ——       Jurassic-Cretaceous     Gambier     Undefined Formation     ——       Jurassic-Cretaceous     Gambier     Undefined Formation     ——       Jurassic-Cretaceous     Gambier     Material Dated       Interver     Interver     Interver     Interver       Jurassic-Dretaceous     Guart Porphyry, Andesite, Andesite Breccia, Volcanic Wacke, Volcanic Breccia, Argillite, Diorite, Granite, Homfels, Dacite Porphyry, Dike     Interver       Stotopic Age     Quart Porphyry, Dike     Interver     Interver		Associated:	Quartz				
Alteration Type:     Sericitic, Propylitic, Potasic       Mineralization Type:     Unknown       Deposit     Charatter:     Stockwork, Disseminated, Vein       Type:     Dephyry, Hydrothermal     Type:       Type:     Ud4: Porphyry, Cu +/- Mo +/- Au     Immension:       Shape:     Ordifier:     Faulted       Dimension:     1200x200x0 metres     Immension:       Comments:     Vineralized zone.     Horation       Internation of the product produc		Alteration:	Sericite, Biotite, Chlorite, Epidote				
Mineralization Age:     Unknown       Deposit     Character::     Stockwork, Disseminated, Vein       Classification:     Porphyry, Hydrothermal       Type:     L04: Porphyry Cu +/- Mo +/- Au       Shape:     Iragular       Dimension:     1200x200x0 metres       Comments:     Mineralized zone.       Integration Age:       Dominant Host Rock:     Plutonic       Stratigraphic Age       Group     Formation       Jurassic-Cretaceous     Gambier       Jurassic-Cretaceous     Gambier       Jurassic-Cretaceous     Gambier       Lower Oretaceous     Gambier       Jurassic-Cretaceous     Gambier       Lower Oretaceous     Gambier       Jurassic-Cretaceous     Gambier       Lower Oretaceous     Ga		Alteration Type	Sericitic, Propylitic, Potassic				
Deposit     Character:     Stockwork, Disseminated, Vein       Classification:     Porphyry, Hydrothermal       Type:     L04: Porphyry Cu +/- Mo +/- Au       Shape:     Irregular     Modifier:       Pauled     Modifier:     Faulted       Dimension:     1200x200x0 metres       Comments:     Mineralized zone.       Host Rock       Stratigraphic Age       Group     Formation     Igneous/Metamorphic/Other       Lower Cretaceous     Gambier     Undefined Formation     Igneous/Metamorphic/Other       Jurassic-Cretaceous     Gambier     Undefined Formation     Igneous/Metamorphic/Other       Lower Cretaceous     Gambier     Undefined Formation     Igneous/Metamorphic/Other       Jurassic-Cretaceous     Gambier     Undefined Formation     Igneous/Metamorphic/Other       Lower Cretaceous     Gambier     Igneous/Metamorphic/Dite/Gretacet     Igneou		Mineralization Age:	Unknown				
DepositCharacter:Stekwork, Disseminated, VeinClassification:Porphyry, HydrothermalType:L04: Porphyry, Cu +/-Mo +/- AuType:L04: Porphyry, Cu +/-Mo +/- AuShape:IrregularModifier:Shape:IrregularModifier:Dimension:1200x200x0 metresCommens:Vincealized zone:Tormiant Host CollPlutonicStratigraphic AgeGroupFormationGambier:Undefined FormationIgneous/Nettamorphic/OtherJurassic-Cretaceous:Gambier:Undefined FormationJurassic-Cretaceous:Gambier:Jurassic-Cretaceous:Gambier:Jurassic-Cretaceous:Gambier:Istopic Age:Diaing MethodLower Cretaceous:Gambier:Jurassic-Cretaceous:Gambier:							
Classification:     Pophyry, Hydrothermal       Type:     L04: Porphyry Cu +/- Mo +/- Au       Shape:     Irregular     Modifier:     Faulted       Dimension:     1200x200x0 metres     Faulted       Comments:     Mineralized zone.     Formation       Dominant Host Rock:     Plutonic     Formation     Igneous/Metamorphic/Other       Stratigraphic Age     Group     Formation     Igneous/Metamorphic/Other       Jurassic-Cretaceous     Gambier     Undefined Formation        Lower Cretaceous     Gambier     Undefined Formation        Jurassic-Cretaceous     Gambier     Undefined Formation        Gambier     Gambier         Lower Marce Southontion	Deposit	Character:	Stockwork, Disseminated, Vein				
Type:     L04: Porphyr Cu+/- Mo +/- Au       Shape:     Irregular     Modifier:     Faulted       Dimension:     1200x2000 metres:     Faulted     Faulted       Comments:     Mineralized zone:     Formation     Igneous/Metamorphic/Other       Stratigraphic Age:     Group     Formation     Igneous/Metamorphic/Other       Lower Cretaceous:     Gambier     Undefined Formation        Jurassie-Cretaceous:     Gambier     Undefined Formation        Isotopic Age:     Dating Method     Material Dated	.1	Classification:	Porphyry, Hydrothermal				
Shape:     Iregular     Modifier:     Faulted       Dimension:     1200x200x0 ====     1200x200x0       Comments:     Mineraized zoone     Mineraized zoone       Comments:     Mineraized zoone     Mineraized zoone       Stratigraphic Age:     Group     Formation     Igneous/Netamorphic/Other       Lower Cretaceous     Gambier     Undefined Formation        Jurassie-Cretaceous     Group     Eoremetine     Gambier       Isotopic Age:     Dating Method     Material Dateic        Isotopic Age:     Quarty Property Naterials Breeceix Voleanic Vackex, Voleanic Vackex, Voleanic Sective		Туре:	L04: Porphyry Cu +/- Mo +/- Au				
imensione i 200x200x1 Heres Commento Mineralized zone. Dominant Host Kock: Plutonic Stratigraphic Age Gambier Mudefined Formation Undefined Formation Undefined Formation Undefined Formation Gambier Undefined Formation Gambier Gambie		Shape:	Irregular Modifier:	Faulted			
Comment:     Mineralized zoon       Hote and the state is the state and t		Dimension:	1200x200x0 metres				
Host Rock       Dominant Host Rock:     Plutonic       Stratigraphic Age     Group     Formation     Igneous/Metamorphic/Other       Lower Cretaceous     Gambier     Undefined Formation        Jurassic-Cretaceous      Coast Plutonic Complex       Isotopic Age     Dating Method     Material Dated                 Isotopic Age     Dating Method     Material Dated		Comments:	Mineralized zone.				
Dominant Host Rock:   Plutonic     Stratigraphic Age   Group   Formation   Igneous/Metamorphic/Other     Lower Cretaceous   Gambier   Undefined Formation      Jurassic-Cretaceous    Coast Plutonic Complex     Isotopic Age   Dating Method   Material Dated			Host Rock	k			
Stratigraphic Age Lower Cretaceous   Group Gambier   Formation Undefined Formation   Igneous/Metamorphic/Other     Jurassic-Cretaceous     Coast Plutonic Complex     Isotopic Age   Dating Method   Material Dated               Isotopic Age   Dating Method   Material Dated   Lithology:   Quart-Vorty-Nadesite, Andesite, Breccia, Volcanic Wacke, Volcanic Wacke, Volcanic Hornfels, Dacite, Hornfels, Dacite, Dacite, Porty-Naterial	Dominant Host Ro	ck: Plutonic					
Lower Cretaceous   Gambier   Undefined Formation      Jurassic-Cretaceous    Coast Plutonic Complex     Isotopic Age   Dating Method   Material Dated                    Isotopic Age   Material Dated               Isotopic Age   Quartz Porphyry, Andesite, Andesite Breccia, Volcanic Wacke, Volcanic Breccia, Argillite, Diorite, Granite, Hornfels, Dacite Porphyry Dike	Stratigraphic Age	Group	Formation	Igne	ous/Metamorphic/Other		
Jurassic-Cretaceous    Coast Plutonic Complex     Isotopic Age   Dating Method   Material Dated                                   Itithology:   Quartz Porphyry, Andesite, Andesite Breccia, Volcanic Wacke, Volcanic Breccia, Argillite, Diorite, Granite, Hornfels, Dacite Porphyry Dike     Coast Crystalline   Feological Setting     Tectonic Belt:   Coast Crystalline     Gambier, Plutonic Rocks   Fiord Ranges (Southern)	Lower Cretaceous	Gambier	Undefined Formation				
Isotopic Age   Dating Method   Material Dated                         Lithology:   Quartz Porphyry, Andesite, Andesite Breccia, Volcanic Wacke, Volcanic Breccia, Argillite, Diorite, Granite, Hornfels, Dacie Porphyry Dike      Lithology:   Coast Crystalline   Physiographic Area:   Ford Ranges (Southern)     Terrane:   Gambier, Plutonic Rocks	Jurassic-Cretaceou	s		Coas	t Plutonic Complex		
Lithology:   Quartz Porphyry, Andesite, Andesite Breccia, Volcanic Wacke, Volcanic Breccia, Argillite, Diorite, Granite, Hornfels, Dacite Porphyry Dike     Lithology:   Coast Crystalline     Fectonic Belt:   Coast Crystalline     Gambier, Plutonic Rocks   Physiographic Area:	Isotopic Age		Dating Method	Material Dated	ated		
Itithology:   Quartz Porphyry, Andesite, Andesite Breccia, Volcanic Wacke, Volcanic Breccia, Argillite, Diorite, Granite, Hornfels, Dacite Porphyry Dike     Itithology:   Coast Crystalline     Physiographic Area:   Fiord Ranges (Southern)     Terrane:   Gambier, Plutonic Rocks							
Lithology:     Quartz Porphyry, Andesite, Andesite Breccia, Volcanic Wacke, Volcanic Breccia, Argillite, Diorite, Granite, Hornfels, Dacite Porphyry Dike       Lithology:     Coast Crystalline       Physiographic Area:     Fiord Ranges (Southern)       Terrane:     Gambier, Plutonic Rocks				-			
Geological Setting       Tectonic Belt:     Coast Crystalline     Physiographic Area:     Fiord Ranges (Southern)       Terrane:     Gambier, Plutonic Rocks     Fiord Ranges (Southern)	<b>Lithology:</b> Qu	uartz Porphyry, Andesite, Ar acite Porphyry Dike	ndesite Breccia, Volcanic Wacke, Volcar	nic Breccia, Argillite, Dio	rite, Granite, Hornfels,		
Tectonic Belt:   Coast Crystalline   Physiographic Area:   Fiord Ranges (Southern)     Terrane:   Gambier, Plutonic Rocks	Geological Setting						
Terrane: Gambier, Plutonic Rocks	Tectonic Belt:	Coast Crystalline	Physiographic Ar	ea: Fiord Range	es (Southern)		
	Terrane:	Gambier, Plutonic	Rocks	U			

Metamorphic T	ype: Regional				
Grade:	Greenschist				
		Inventory			
Ore Zoner	GAMBIER ISLAND		Vear	1981	
Ore Zone:	Measured		Report On:	Y	
Quantity:	114,000,000, topped		NI 43-101:	Ν	
Quantity.	114,000,000 tollies				7
	Commodity	Grade			
	Copper	0.2900 per cent			
<b>a</b>	Molybdenum	0.0180 per cent			
Comments:	Calculated at 0.30 per cent copper eq	uivalent cut-off			
Reference:	Property File - Report by Acres Cons	ulting, 1981.			
Ore Zone:	GAMBIER ISLAND		Year:	1981	
Category:	Possible		<b>Report On:</b>	Ν	
Quantity:	198,000,000 tonnes		NI 43-101:	Ν	
	Commodity	Grade			7
	Copper	0.24 per cent			
	Molybdenum	0.015 per cent			
Comments:	Calculated at 0.20 per cent copper eq	uivalent cut-off			
Reference:	Assessment Report 15792				
			Y	1070	
Ore Zone:	GAMBIEK ISLAND		Year: Penort On:	1979 N	
Category:	251 400 000		NI 43-101	N	
Quantity:	251,400,000 tonnes				-
	Commodity	Grade			
	Silver	1.3 grams per tonne			
	Gold	0.04 grams per tonne			
	Molybdenum	0.27 per cent			
Comments:	nicij č <b>u</b> čitali	otor i per cent			
Reference:	Assessment Report 7730				
Ore Zone:	С		Year:	1978	
Category:	Assay/analysis		Report On:	N	
			NI 43-101:	N	
Sample Type:	Drill Core				7
	Commodity	Grade			
	Silver	2.4 grams per tonne			
	Copper	0.36 per cent			
	Molybdenum	0.030 per cent			
Comments:					

Capsule Geology

The Gambier Island (B and C zones) occurrence is located on the northern end of Gambier Island in Howe Sound, along Gambier Creek at elevation of

## approximately 150 metres.

Most of Gambier Island is underlain by mafic volcanic strata and associated sediments of the Lower Cretaceous Gambier Group. Granitic rocks of the Jurassic to Cretaceous Coast Plutonic Complex underlie the southern part of the island. The volcano-sedimentary rocks generally strike northwest with steep northeast dips.

The Gambier Island deposit area is underlain by rocks of the Gambier Group, dioritic rocks of the Coast Complex and related, possibly Tertiary, granitic rocks and isolated post-mineral dacite porphyry dikes. Gambier Group rocks consist of a northwest- trending series of argillites, volcanic wackes and breccias, propylitic rocks and massive andesitic rocks and related breccias, which comprise a broad zone of hydrothermally altered and hornfelsed rock. Within this zone at its south end, andesitic rocks have been converted to a granoblastic assemblage of quartz, sericite, biotite, chlorite and epidote, a result of complex multistage overprinting of phyllic, potassic and propylitic mineral assemblages. Dioritic rocks are barren except for small amounts of pyrite. Tertiary(?) granitic rocks are a heterogeneous assemblage of quartz porphyry, breccia and subporphyritic granite. They form a northwest-trending, oval-shaped stock approximately 500 metres in diameter. Quartz forms conspicuous phenocrysts up to 2 centimetres, enclosed by altered feldspar phenocrysts and anhedral aggregates of chlorite, sericite and quartz.

An area comprised of a broad, arcuate zone of mineralized rock is concordant to the south and west contact of the quartz porphyry stock, and encloses a low- grade core rich in quartz veinlets. The quartz veinlets range from a few isolated veins to intense stockworks and are common throughout the porphyry body and enclosing volcanics. Most veinlets trend northwest and form a south-closing arcuate stockwork zone with the porphyry mass, and the peripheral altered and mineralized volcanic rocks. The veinlets are selvage-free and generally contain small amounts of pyrite, molybdenite and chalcopyrite, but many are barren.

Mineralization in the quartz porphyry stock and the enclosing volcanic strata form a broad, west-closing arcuate zone, 1200 metres long and 200 metres wide, and extends for 100 to 400 metres outward from its south and west contact. Barren to low-grade pyritic rocks, locally containing small veins rich in sphalerite, galena and chalcopyrite, are more or less concentric to the porphyry stock. Fracture coatings, veinlets and finely disseminated aggregates of pyrite, chalcopyrite and molybdenite occur in altered volcanic rocks close to the south contact of the quartz porphyry and in a narrow extension of the deposit north of Gambier Creek. Chalcopyrite, pyrite and rare bornite occur as widely dispersed, fine-grained disseminated aggregates and fracture-coatings within this zone. Molybdenite forms small rosettes in quartz stringers and is locally present on fracture surfaces.

Dacite porphyry dikes intrude both the quartz porphyry unit and the enclosing volcanic strata. The dikes strike northeast, are subvertical and commonly fill fault zones. The dikes range from 20 centimetres to 3 metres wide, have fine-chilled margins, and grade inward to medium-grained quartz feldspar porphyry. The dikes are notably barren and locally contain inclusions of mineralized wallrock.

Major fault zones are believed to exist along Gambier Creek valley, South Fork Creek and East Fork Creek. The Gambier Creek shear zone is thought to be a broad, northeast- trending cataclastic zone that passes through the north part of the mineralized zone, the quartz porphyry unit and much of the enclosing volcanic and sedimentary strata. The South Fork fault is considered to be a bounding fault that separates most of the mineralized volcanic rocks to the west from the barren, dioritic rocks to the east. The East Fork fault is a parallel fault along which the north contact of the diorite stock has been displaced southward.

In 1978, three diamond drill holes on the C zone, later referred to as the B zone, yielded arithmetic averages of (Assessment Report 7126):

Drill hole	Length	Copper	Molybdenite	Silver	
(n	n) (읭)	(응)	)	(g/t)	
78-1	73.74	0.28	0.017	1.4	
78-2	149.62	0.26	0.014		1.0
78-3	153.84	0.36	0.030	2.4	

In 1979, an overall weighted mean assay of 12 drill holes completed in 1978 and 1979, totalling 2125.8 metres, yielded 0.27 per cent copper, 0.014 per cent molybdenite, 1.3 grams per tonne silver and 0.04 gram per tonne gold, with a preliminary estimate of inferred geological reserves of 251.4 million tonnes and a waste to ore ratio of 1.1 to 1 (Assessment Report 7730).

In 1981, potential estimated reserves, based on 5,558 metres of diamond drilling, were reported at 198 million tonnes averaging 0.24 per cent copper and 0.015 per cent molybdenite with a 0.20 per cent copper equivalent cut-off, or 56 million tonnes averaging 0.36 per cent copper and 0.021 per cent molybdenite with a 0.40 per cent copper equivalent cut off (Assessment Report 15792).

Measured reserves are 114 million tonnes of ore grading 0.29 per cent copper and 0.018 per cent molybdenum at a 0.30 per cent copper equivalent cutoff (Property File - Report by Acres Consulting Services Ltd., 1981).

The first claim on Gambier Island was staked in 1905 and coincided with exploration and development of the Britannia mine (MINFILE 092GNW003).

In the early 1970s, Gaylord Mines staked the northern section of Gambier Island to cover old known copper showings and completed programs of rock and soil sampling and airborne and ground geophysical surveys. Their exploration work defined two anomalies: the A zone (N and J Claims) on Copper Cove and the B and C zones (Jon and Gale claims) on Gambier Creek.

The property was again staked in 1978 as the MB 1-18 claims by 20th Century Energy Corp. During 1978 through 1980, a comprehensive exploration program including 53 diamond drill holes, totalling 6246.8 metres, geological mapping, approximately 15 line-kilometres of ground magnetic and induced polarization surveys and a 402.0 line-kilometres airborne magnetic survey were carried out on the C zone. This work outlined a large zone, 1000 metres long and 500 metres wide, of copper-molybdenum mineralization.

In 1984, the claims lapsed and were restaked by J.P. McGoran and R.M. Durfeld. A program of rock, silt and soil sampling was carried out in 1985. In 1987, Condorado Mines completed a program of geological mapping and rock, silt and soil sampling.

During 1990 through 1993, Douglas Bay Resources completed programs of geological mapping and rock, soil and historic (1978 and 1979) drill core sampling on the area. A 20 parts per billion gold isopleth was defined at the Gambier Creek zone, as the result of rock sampling in 1992 (Assessment Report 22232). In 1993, strongly anomalous copper values from soil sampling in the vicinity of the Gambier Creek zone indicated the limits of mineralization may extend beyond the present defined limits.

During 1994 through 1996, programs of rock, silt and soil sampling, geological mapping and a 1.4 line-kilometre ground magnetic survey were completed on the MB 1, 10, 11 and 18 claims. During 2010 through 2013, programs of rock and historic drill core sampling were conducted. This work confirmed previous sample assays and tested rhenium values, which yielded up to 332 parts per million (Assessment Report 31624)

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