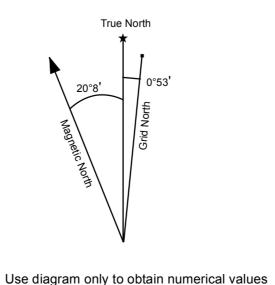


ONE THOUSAND METRE GRID Universal Transverse Mercator Projection North American Datum 1983 Zone 7

Elevations in metres above Mean Sea Level

CONTOUR INTERVAL 100 FEET

Orogenic Au Weighted sums model (Geology Levelled) Sheet 4 of 13 SCALE 1:250 000



APPROXIMATE MEAN DECLINATION 2015

FOR CENTRE OF MAP

STEWART RIVER PART OF 1150 THIS MAP KLUANE

INTRODUCTION

stream sediment samples have been assessed using given model due to similarities in elemental abundances weighted sums modeling and catchment basin analysis as and associations. described in the methodology report that accompanies this map (Mackie et al., 2015). Both commodity and and principal components indicate that lithological pathfinder element abundances are evaluated to highlight areas that show geochemical responses consistent with a distribution of many commodity and pathfinder elements. variety of base and precious-metal mineral deposit types. The results of modeling, completed using two approaches, are presented as a series of catchment maps and associated data files. This release is part of a regional assessment of stream sediment geochemistry that covers a large part of Yukon.

SAMPLING AND ANALYSIS PROGRAMS

Stream sediment and water samples from the Stevenson Ridge Area (NTS 115J and part of 115K) were collected at a reconnaissance scale in 1986 as part of the Canada-Yukon Mineral Development Agreement (Geological Survey of Canada, 1987). Field descriptions and initial geochemical data for 1305 sites were released in Geological Survey of Canada (GSC) Open File 1363. New geochemical data from the re-analysis of archive sample material were released in Yukon Geological Survey (YGS) Open File 2011-28 (Jackaman, 2011). The reader is referred to these reports for detailed descriptions of sampling techniques, analytical procedures and quality Regression analysis of selected metals against the control measures.

MINERAL OCCURRENCES

A variety of types of base and precious-metal mapped geology has a more subdued effect on filtering mineralization has been identified in the Stevenson Ridge the interpreted lithological control on the distribution of area as listed in Table 1 (Yukon MINFILE, 2015). The certain pathfinder elements. In order to reduce the impact most significant deposits are classed as Cu-Mo porphyry this has on the WSM using this approach, certain (Casino deposit), Orogenic Au (Supremo deposit; Mascot elements were given low importance rankings or, in some and Boulevard prospects) and polymetallic Ag-Pb-Zn cases, were omitted for certain deposit types. Negative (Bomber deposit). Other deposit types within the area weightings were assigned to Sn for several models in include Cu skarn (Nutzotin) and magmatic Ni-Cu-PGE order to reduce contributions from alaskite composition (Snag showing). The Golden Saddle orogenic Au and intrusions with high background Ag and Zn values. Touleary Cu-Ag-Zn volcanogenic massive sulphide The effectiveness of historical sampling coverage has deposits occur in the adjacent map area to the north and been assessed empirically using graphs of WSMs plotted the Wellgreen Ni-Cu-PGE deposit occurs in the adjacent against catchment surface area to determine the ideal map area to the south supporting the prospectivity of the maximum catchment size (16 km²). Catchments that region for these deposit types.

WEIGHTED SUMS MODELING

As described in the methodology report (Mackie et al., 2015), two approaches have been used to subdue the influence of background lithological variation and increasing catchment size, marginally high WSM scores in secondary absorption on the composition of stream large catchments may also be of interest. sediments. One uses data levelled by the dominant geology mapped within each catchment, while the other uses residuals calculated from regression against selected principal components. Weighted sums models (WSM) have been generated using the processed data.

The importance rankings used in WSMs are summarized in Table 2. Each model is optimized for a target deposit New geochemical data from re-analysis of archived type however other deposit types may be represented in a

Exploratory data analysis using both raw element data

variation and secondary scavenging influence the

However, much of the variability in the data for this map area can be linked to mineralization. The first principal omponent accounts for ~30% of the total geochemical variation and shows high positive loadings for Ca, loss-onignition, Sr, Mn, Hg, Cu, Co, As, Fe and Zn. Given a spatial relationship with a topographically subdued region in the southwestern part of the map area it is interpreted that this principal component reflects scavenging of metals by organic material and/or Fe-Mn oxides/hydroxides. High negative loadings for Th, Sn, La, Rb, Li, and Ce are clearly linked to regions mapped as felsic-intermediate intrusions. The second principal component shows high positive loadings for Mo, Cd, Ag, U, Bi and Tl. Spatially, this principal component can be linked to known occurrences suggesting it represents a mineralization signal. Similarly, the third principal component with high loadings in Cu, Ag and Pb is also

relevant principal component(s) effectively filters the scavenging and lithological controls while preserving responses related to known occurrences. Levelling by

spatially relatable to areas of mineralization.

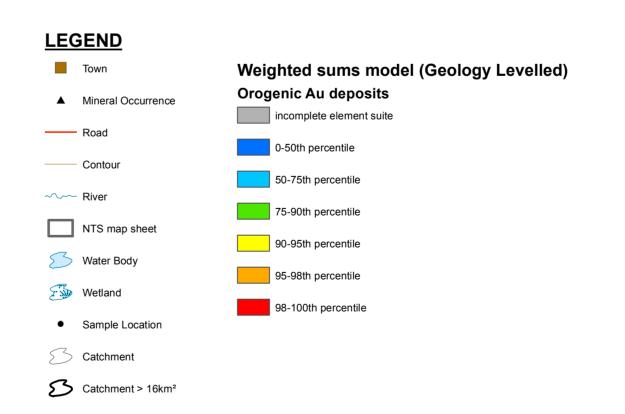
cover larger areas (shown on the map with bold outlines) are interpreted to have been under-sampled and thus require further sampling to properly evaluate the area for geochemical anomalism. Given the likelihood that a mineralization signal would be progressively diluted with

Table 2: Importance rankings for weighted sums models using data levelled by mapped geology.

Target Deposit Type ^a	Other Deposit Type ^a	Mn	Fe	Co ¹	Ni	Pt ²	Cu ¹	Мо	Zn¹	Pb	Ag	Au ²	As ¹	Ва	Cd	Sn ²	Sb	Те	Hg ¹	П	Bi	w
Porphyry Cu-Mo	Cu skarn; Porphyry Mo; VMS (Cu-rich)				-2		4	3			1	1	1				2			1		
Polymetallic Ag-Pb-Zn	VMS; SEDEX; Pb-Zn skarn								2	4	3		2		1	-2						
Epithermal Au-Ag	Polymetallic Ag-Pb-Zn										4	3	2				1		2		-2	
Orogenic Au	Intrusion-related Au; Epithermal Au-Ag						-2			-1		4	3				1	1				
Magmatic Ni-Cu-PGE	Cu skarn			1	4	2	3	-2														
Hydromorphic Anomaly		3	4	2									1								·	

^aPolymetallic Ag-Pb-Zn type includes vein and manto styles; SEDEX = sedimentary exhalative; VMS = volcanic-hosted/associated massive sulphide deposits ¹For elements that appear to be influenced by scavenging by organic material, clays and/or secondary Fe-Mn oxides, residuals are used following regression against loss-on-ignition, Fe and/or Mn.

²For heavily censored elements and those not strongly controled by geology as interpreted from principal component analysis, raw data are used following a log₁₀ transformation.



REFERENCES

Geological Survey of Canada, 1987. Regional Stream Sediment and Water Geochemical Reconnaissance Data, Yukon (115J & 115K). Geological Survey of Canada, Open File 1363.

Jackaman, W., 2011. Regional Stream Sediment Geochemical Data, Stevenson Ridge area, southwest Yukon (NTS 115J and 115K). Yukon Geological Survey, Open File 2011-28.

Mackie, R., Arne, D. and Brown, O., 2015. Enhanced interpretation of regional stream sediment geochemistry from Yukon: catchment basin analysis and weighted sums modeling. Yukon Geological Survey, Open File

Yukon MINFILE, 2015. Yukon MINFILE - A database of mineral occurrences. Yukon Geological Survey, www.data.geology.gov.yk.ca, accessed May 2015.

ME DE L ORA GULCH AW SS S NYN CK FLE KFIELD E E CREEK DEX D NA BER NO E N VELAND GE KLAND GE KLAND GE KLAND EAL LE KLAND EAL CHANG	Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Porphyry Mo (Low F-Type) Vein Polymetallic Ag-Pb-Zn±Au Unknown Orogenic Au Unknown Plutonic Related Au Unknown Porphyry Cu-Mo-Au Unknown Porphyry Cu-Mo-Au Vein Polymetallic Ag-Pb-Zn±Au Unknown Vein Polymetallic Ag-Pb-Zn±Au Unknown Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Unknown Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Unknown Porphyry Cu-Mo-Au Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown Orogenic Au Unknown Unknown	Showing Prospect Anomaly Showing Unknown Drilled Prospect Anomaly Unknown Anomaly Unknown Anomaly Unknown Anomaly Showing Anomaly Showing Unknown Unknown Unknown Anomaly Unknown Unknown Unknown Unknown Unknown Unknown Unknown Past Producer Deposit Anomaly Anomaly Anomaly Anomaly Anomaly Anomaly Anomaly Anomaly Unknown Anomaly Anomaly Anomaly Unknown Anomaly Unknown Anomaly Company Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown Showing Unknown Showing Anomaly Anomaly Drilled Prospect Unknown Unknown Showing Anomaly Unknown	Copper, Molybdenum, Uranium Copper, Gold Antimony, Copper, Silver, Lead, Molybdenum, Gold Antimony, Arsenic, Copper Molybdenum, Bismuth, Tin, Arsenic Gold Copper Copper, Molybdenum Copper, Molybdenum Gold, Silver, Lead, Zinc Lead, Silver Copper Lead, Zinc, Silver Copper, Gold, Molybdenum, Silver Copper, Molybdenum Copper, Molybdenum, Silver, Tungs Copper, Silver, Lead Arsenic, Gold
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ORA GULCH AW SS S NYN CK FLE KFIELD E E CREEK DEX D NA BER NO E N VELAND GE KLAND GE KLAND EAL LE KLAND EAL LIG KLA	Vein Polymetallic Ag-Pb-Zn±Au Unknown Orogenic Au Unknown Unknown Plutonic Related Au Unknown Porphyry Cu-Mo-Au Unknown Porphyry Cu-Mo-Au Vein Polymetallic Ag-Pb-Zn±Au Unknown Vein Polymetallic Ag-Pb-Zn±Au Unknown Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Unknown	Showing Unknown Drilled Prospect Anomaly Unknown Anomaly Unknown Anomaly Unknown Anomaly Showing Anomaly Showing Unknown Unknown Unknown Anomaly Unknown Unknown Unknown Past Producer Deposit Anomaly Anomaly Anomaly Anomaly Anomaly Anomaly Unknown Anomaly Anomaly Anomaly Anomaly Unknown Anomaly Unknown Anomaly Unknown Anomaly Unknown Anomaly Unknown Unknown Unknown Unknown Unknown Unknown Showing Unknown Showing Unknown Anomaly Showing Showing Showing Anomaly Unknown	Molybdenum, Gold Antimony, Arsenic, Copper Molybdenum, Bismuth, Tin, Arsenic Gold Copper Copper, Molybdenum Copper, Molybdenum Gold, Silver, Lead, Zinc Lead, Silver Copper Lead, Zinc, Silver Copper, Molybdenum Silver, Tungs Copper, Silver, Lead
ORA GULCH AW SS S WYN CK FLE KFIELD E E CREEK DEX D NA BER NO E N VELAND GE EC PA LE EKLAND EAL S ON A ARIS EVERT	Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown Porphyry Cu-Mo-Au Unknown Porphyry Cu-Mo-Au Vein Polymetallic Ag-Pb-Zn±Au Unknown Vein Polymetallic Ag-Pb-Zn±Au Unknown Vein Polymetallic Ag-Pb-Zn±Au Unknown Vein Polymetallic Ag-Pb-Zn±Au Unknown Porphyry Cu-Mo-Au Unknown Vein Polymetallic Ag-Pb-Zn±Au Unknown Porphyry Cu-Mo-Au Unknown Vein Polymetallic Ag-Pb-Zn±Au Porphyry Cu-Mo-Au Unknown Porphyry Cu-Mo-Au Unknown Porphyry Cu-Mo-Au Unknown Porphyry Cu-Mo-Au Unknown	Unknown Drilled Prospect Anomaly Unknown Anomaly Unknown Anomaly Unknown Anomaly Showing Anomaly Anomaly Showing Unknown Unknown Unknown Anomaly Unknown Unknown Anomaly Unknown Unknown Past Producer Deposit Anomaly Anomaly Anomaly Anomaly Anomaly Unknown Anomaly Anomaly Anomaly Unknown Anomaly Unknown Anomaly Unknown Anomaly Unknown Anomaly Drilled Prospect Unknown Unknown Showing Unknown Anomaly Showing Showing Anomaly Anomaly Drilled Prospect Unknown Anomaly Showing Showing Anomaly Anomaly Unknown Anomaly Unknown	Molybdenum, Gold Antimony, Arsenic, Copper Molybdenum, Bismuth, Tin, Arsenic Gold Copper Copper, Molybdenum Copper, Molybdenum Gold, Silver, Lead, Zinc Lead, Silver Copper Lead, Zinc, Silver Copper, Molybdenum Silver, Tungs Copper, Silver, Lead
SS S NYN CK FLE KFIELD E CREEK DEX D NA BER NO E N VELAND GE EC PA LE KLAND EAL S ARIS EVA ARIS EVA LTIGER LION	Unknown Plutonic Related Au Unknown Porphyry Cu-Mo-Au Unknown Porphyry Cu-Mo-Au Vein Polymetallic Ag-Pb-Zn±Au Unknown Vein Polymetallic Ag-Pb-Zn±Au Unknown Vein Polymetallic Ag-Pb-Zn±Au Unknown Porphyry Cu-Mo-Au Unknown Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Unknown Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Unknown Unknown Unknown Unknown Unknown Orogenic Au Unknown Unknown Unknown Skarn Cu Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown Orogenic Au Unknown	Anomaly Unknown Anomaly Unknown Anomaly Unknown Anomaly Unknown Anomaly Showing Anomaly Showing Unknown Unknown Anomaly Unknown Unknown Anomaly Unknown Past Producer Deposit Anomaly Anomaly Anomaly Anomaly Anomaly Unknown Anomaly Anomaly Unknown Anomaly Unknown Anomaly Unknown Anomaly Unknown Anomaly Unknown Unknown Unknown Unknown Showing Unknown Showing Anomaly Anomaly Drilled Prospect Unknown Showing Anomaly Anomaly Unknown Anomaly Unknown	Molybdenum, Gold Antimony, Arsenic, Copper Molybdenum, Bismuth, Tin, Arsenic Gold Copper Copper, Molybdenum Copper, Molybdenum Gold, Silver, Lead, Zinc Lead, Silver Copper Lead, Zinc, Silver Copper, Molybdenum Silver, Tungs Copper, Silver, Lead
SS S NYN CK FLE KFIELD E CREEK DEX D NA BER NO E N VELAND GE EC PA LE KLAND EAL S ARIS EVA ARIS EVA LTIGER LION	Unknown Plutonic Related Au Unknown Porphyry Cu-Mo-Au Unknown Porphyry Cu-Mo-Au Vein Polymetallic Ag-Pb-Zn±Au Unknown Vein Polymetallic Ag-Pb-Zn±Au Unknown Vein Polymetallic Ag-Pb-Zn±Au Unknown Porphyry Cu-Mo-Au Unknown Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Unknown Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Unknown Unknown Unknown Unknown Unknown Orogenic Au Unknown Unknown Unknown Skarn Cu Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown Orogenic Au Unknown	Anomaly Unknown Anomaly Unknown Anomaly Unknown Anomaly Unknown Anomaly Showing Anomaly Showing Unknown Unknown Anomaly Unknown Unknown Anomaly Unknown Past Producer Deposit Anomaly Anomaly Anomaly Anomaly Anomaly Unknown Anomaly Anomaly Unknown Anomaly Unknown Anomaly Unknown Anomaly Unknown Anomaly Unknown Unknown Unknown Unknown Showing Unknown Showing Anomaly Anomaly Drilled Prospect Unknown Showing Anomaly Anomaly Unknown Anomaly Unknown	Antimony, Arsenic, Copper Molybdenum, Bismuth, Tin, Arsenic Gold Copper Copper, Molybdenum Copper, Molybdenum Gold, Silver, Lead, Zinc Lead, Silver Copper Lead, Zinc, Silver Copper, Molybdenum Gold, Arsenic, Copper
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SS S WYN CK FLE KFIELD E E CREEK DEX D NA BER NO E N VELAND GE KLAND EAL E KLAND E KLA	Plutonic Related Au Unknown Unknown Porphyry Cu-Mo-Au Unknown Porphyry Cu-Mo-Au Unknown Porphyry Cu-Mo-Au Vein Polymetallic Ag-Pb-Zn±Au Unknown Vein Polymetallic Ag-Pb-Zn±Au Unknown Porphyry Cu-Mo-Au Unknown Vein Polymetallic Ag-Pb-Zn±Au Unknown Vein Polymetallic Ag-Pb-Zn±Au Porphyry Cu-Mo-Au Unknown Vein Polymetallic Ag-Pb-Zn±Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Unknown Porphyry Cu-Mo-Au Unknown Porphyry Cu-Mo-Au Unknown	Anomaly Unknown Anomaly Unknown Anomaly Showing Anomaly Showing Unknown Unknown Unknown Anomaly Unknown Past Producer Deposit Anomaly Anomaly Anomaly Anomaly Anomaly Unknown Anomaly Anomaly Anomaly Unknown Anomaly Unknown Anomaly Anomaly Unknown Anomaly Unknown Anomaly Unknown Showing Unknown Anomaly Showing Unknown Anomaly Showing Showing Anomaly Anomaly Unknown Anomaly Showing Anomaly Unknown	Copper Copper, Molybdenum Copper, Molybdenum Gold, Silver, Lead, Zinc Lead, Silver Copper Lead, Zinc, Silver Copper, Molybdenum, Silver Copper, Molybdenum Gold, Arsenic, Copper
S WYN CK FLE KFIELD E E CREEK DEX D NA BER NO E N VELAND GE KLAND EAL	Unknown Porphyry Cu-Mo-Au Unknown Porphyry Cu-Mo-Au Vein Polymetallic Ag-Pb-Zn±Au Unknown Vein Polymetallic Ag-Pb-Zn±Au Vein Polymetallic Ag-Pb-Zn±Au Unknown Porphyry Cu-Mo-Au Unknown Vein Polymetallic Ag-Pb-Zn±Au Unknown Vein Polymetallic Ag-Pb-Zn±Au Porphyry Cu-Mo-Au Unknown Vein Polymetallic Ag-Pb-Zn±Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Unknown Porphyry Cu-Mo-Au Unknown Porphyry Cu-Mo-Au Unknown Porphyry Cu-Mo-Au Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown Starn Cu Unknown	Unknown Anomaly Unknown Anomaly Showing Anomaly Showing Unknown Unknown Unknown Anomaly Unknown Past Producer Deposit Anomaly Anomaly Anomaly Anomaly Anomaly Unknown Anomaly Anomaly Anomaly Unknown Anomaly Anomaly Drilled Prospect Unknown Unknown Showing Unknown Anomaly Showing Showing Anomaly Anomaly Control	Copper Copper, Molybdenum Copper, Molybdenum Gold, Silver, Lead, Zinc Lead, Silver Copper Lead, Zinc, Silver Copper, Molybdenum, Silver Copper, Molybdenum Gold, Arsenic, Copper
NYN CK FLE KFIELD E E CREEK DEX D NA BER NO E N VELAND GE KLAND EAL LE KLAND EAL ARIS Evard D HAWK I TIGER LION	Unknown Porphyry Cu-Mo-Au Unknown Porphyry Cu-Mo-Au Vein Polymetallic Ag-Pb-Zn±Au Unknown Vein Polymetallic Ag-Pb-Zn±Au Unknown Porphyry Cu-Mo-Au Unknown Vein Polymetallic Ag-Pb-Zn±Au Unknown Porphyry Cu-Mo-Au Unknown Vein Polymetallic Ag-Pb-Zn±Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown Sorphyry Cu-Mo-Au Unknown	Anomaly Unknown Anomaly Showing Anomaly Anomaly Showing Unknown Unknown Anomaly Unknown Past Producer Deposit Anomaly Anomaly Anomaly Anomaly Anomaly Unknown Anomaly Anomaly Anomaly Drilled Prospect Unknown Unknown Showing Unknown Anomaly Showing Showing Anomaly Anomaly Chrospect Unknown Unknown Anomaly Chrospect Unknown Unknown Anomaly Chrospect Unknown Unknown Chomaly Anomaly Drilled Prospect Unknown Unknown Unknown Chomaly Anomaly Unknown Chomaly Unknown Unknown Unknown Unknown	Copper, Molybdenum Copper, Molybdenum Gold, Silver, Lead, Zinc Lead, Silver Copper Lead, Zinc, Silver Copper, Gold, Molybdenum, Silver Copper, Molybdenum Silver, Tungs Copper, Silver, Lead
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E CREEK DEX D NA BER NO E NVELAND GE ECC PA LE EKLAND EAL S VA ARIS EVARD D HAWK I TIGER LION	Unknown Porphyry Cu-Mo-Au Vein Polymetallic Ag-Pb-Zn±Au Unknown Vein Polymetallic Ag-Pb-Zn±Au Vein Polymetallic Ag-Pb-Zn±Au Unknown Porphyry Cu-Mo-Au Unknown Vein Polymetallic Ag-Pb-Zn±Au Unknown Vein Polymetallic Ag-Pb-Zn±Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Unknown Porphyry Cu-Mo-Au Unknown Porphyry Cu-Mo-Au Unknown Porphyry Cu-Mo-Au Unknown Unknown Unknown Unknown Unknown Unknown Unknown Sorphyry Cu-Mo-Au Unknown	Anomaly Showing Anomaly Anomaly Showing Unknown Unknown Anomaly Unknown Past Producer Deposit Anomaly Anomaly Anomaly Anomaly Anomaly Unknown Anomaly Anomaly Anomaly Unknown Anomaly Drilled Prospect Unknown Unknown Showing Unknown Anomaly Showing Showing Anomaly Anomaly Drilled Prospect Unknown Unknown Anomaly Showing Anomaly Anomaly Unknown Anomaly Unknown Anomaly Anomaly Unknown Unknown Anomaly Drilled Prospect Unknown Unknown Anomaly Unknown Unknown Unknown	Copper, Molybdenum Copper, Molybdenum Gold, Silver, Lead, Zinc Lead, Silver Copper Lead, Zinc, Silver Copper, Gold, Molybdenum, Silver Copper, Molybdenum Silver, Tungs Copper, Silver, Lead
E CREEK DEX D NA BER NO E NVELAND GE EC PA LE EKLAND EAL NA ARIS Evard D HAWK I TIGER LION	Porphyry Cu-Mo-Au Vein Polymetallic Ag-Pb-Zn±Au Unknown Vein Polymetallic Ag-Pb-Zn±Au Vein Polymetallic Ag-Pb-Zn±Au Unknown Porphyry Cu-Mo-Au Unknown Vein Polymetallic Ag-Pb-Zn±Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Unknown Unknown Unknown Unknown Unknown Orogenic Au Unknown Skarn Cu Unknown Unknown Unknown Unknown Unknown Unknown Unknown Orogenic Au Unknown	Showing Anomaly Anomaly Showing Unknown Unknown Anomaly Unknown Past Producer Deposit Anomaly Anomaly Anomaly Anomaly Anomaly Unknown Anomaly Anomaly Unknown Anomaly Unknown Anomaly Drilled Prospect Unknown Unknown Showing Unknown Anomaly Showing Anomaly Anomaly Anomaly Unknown Anomaly Unknown Anomaly Unknown Anomaly Unknown Anomaly Unknown Anomaly Unknown Unknown Anomaly Unknown Unknown Anomaly Unknown Anomaly Unknown Anomaly Unknown	Copper, Molybdenum Gold, Silver, Lead, Zinc Lead, Silver Copper Lead, Zinc, Silver Copper, Gold, Molybdenum, Silver Copper, Molybdenum Gold, Arsenic, Copper Molybdenum, Antimony, Gold, Arse Copper, Molybdenum, Silver, Tungs Copper, Silver, Lead
E CREEK DEX D NA BER NO E N VELAND GE EC PA LE EKLAND EAL S VA ARIS Evard D HAWK I TIGER LION	Vein Polymetallic Ag-Pb-Zn±Au Unknown Vein Polymetallic Ag-Pb-Zn±Au Vein Polymetallic Ag-Pb-Zn±Au Unknown Porphyry Cu-Mo-Au Unknown Vein Polymetallic Ag-Pb-Zn±Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Unknown Porphyry Cu-Mo-Au Unknown Porphyry Cu-Mo-Au Unknown Porphyry Cu-Mo-Au Unknown Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Unknown Unknown Unknown Unknown Unknown Orogenic Au Unknown Skarn Cu Unknown Unknown Unknown Unknown Unknown Unknown Orogenic Au Unknown	Anomaly Anomaly Showing Unknown Unknown Anomaly Unknown Past Producer Deposit Anomaly Anomaly Anomaly Anomaly Anomaly Unknown Anomaly Anomaly Unknown Anomaly Anomaly Drilled Prospect Unknown Unknown Showing Unknown Anomaly Showing Anomaly Anomaly Chomaly Chemous Chomaly Chomaly Chomaly Chemous Chomaly	Copper, Molybdenum Gold, Silver, Lead, Zinc Lead, Silver Copper Lead, Zinc, Silver Copper, Gold, Molybdenum, Silver Copper, Molybdenum Gold, Arsenic, Copper Molybdenum, Antimony, Gold, Arse Copper, Molybdenum, Silver, Tungs Copper, Silver, Lead
E CREEK DEX D NA BER NO E N VELAND GE EC PA LE KLAND EAL S VA ARIS Evard D HAWK I TIGER LION	Unknown Vein Polymetallic Ag-Pb-Zn±Au Vein Polymetallic Ag-Pb-Zn±Au Unknown Porphyry Cu-Mo-Au Unknown Vein Polymetallic Ag-Pb-Zn±Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Unknown Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Unknown Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Unknown Unknown Unknown Porphyry Cu-Mo-Au Unknown Unknown Unknown Unknown Sorphyry Cu-Mo-Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Unknown	Anomaly Showing Unknown Unknown Anomaly Unknown Past Producer Deposit Anomaly Anomaly Anomaly Anomaly Unknown Anomaly Unknown Anomaly Unknown Unknown Unknown Showing Unknown Anomaly Showing Showing Anomaly Drilled Prospect Unknown Anomaly Showing Anomaly Unknown Anomaly Unknown Anomaly Unknown Anomaly Unknown Anomaly Unknown Unknown Unknown Showing Anomaly Unknown Unknown Unknown Anomaly Unknown Unknown Unknown	Gold, Silver, Lead, Zinc Lead, Silver Copper Lead, Zinc, Silver Copper, Gold, Molybdenum, Silver Copper, Molybdenum Gold, Arsenic, Copper
DEX D NA BER NO E N VELAND GE C PA LE KLAND EAL WA ARIS Evard D HAWK I TIGER LION	Vein Polymetallic Ag-Pb-Zn±Au Vein Polymetallic Ag-Pb-Zn±Au Unknown Porphyry Cu-Mo-Au Unknown Vein Polymetallic Ag-Pb-Zn±Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Unknown Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Unknown Porphyry Cu-Mo-Au Unknown Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Unknown Unknown Unknown Unknown Porphyry Cu-Mo-Au Unknown Unknown Unknown Unknown Unknown Sorphyry Cu-Mo-Au Unknown	Showing Unknown Unknown Anomaly Unknown Past Producer Deposit Anomaly Anomaly Anomaly Anomaly Unknown Anomaly Anomaly Unknown Anomaly Anomaly Drilled Prospect Unknown Showing Unknown Anomaly Showing Showing Anomaly Anomaly Anomaly Unknown Anomaly Showing Anomaly Anomaly Unknown Anomaly Anomaly Anomaly Drilled Prospect Unknown Unknown Anomaly Drilled Prospect Unknown Showing Anomaly Unknown Anomaly Unknown	Lead, Silver Copper Lead, Zinc, Silver Copper, Gold, Molybdenum, Silver Copper, Molybdenum Copper, Molybdenum, Silver, Tungs Copper, Silver, Lead
DEX D NA BER NO E N VELAND GE C PA LE KLAND EAL WA ARIS Evard D HAWK I TIGER LION	Vein Polymetallic Ag-Pb-Zn±Au Unknown Porphyry Cu-Mo-Au Unknown Vein Polymetallic Ag-Pb-Zn±Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Unknown Porphyry Cu-Mo-Au Unknown Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Unknown Unknown Unknown Porphyry Cu-Mo-Au Unknown Unknown Orogenic Au Unknown Skarn Cu Unknown Unknown Unknown Unknown Unknown Unknown Orogenic Au Unknown	Unknown Unknown Anomaly Unknown Past Producer Deposit Anomaly Anomaly Anomaly Anomaly Anomaly Unknown Anomaly Anomaly Anomaly Anomaly Drilled Prospect Unknown Unknown Showing Unknown Anomaly Showing Showing Anomaly Anomaly Anomaly Unknown Anomaly Anomaly Anomaly Anomaly Unknown Anomaly Anomaly Anomaly Drilled Prospect Unknown Unknown Showing Anomaly Drilled Prospect Unknown Unknown Anomaly Unknown	Copper Lead, Zinc, Silver Copper, Gold, Molybdenum, Silver Copper, Molybdenum Copper Copper, Molybdenum Copper, Molybdenum Copper, Molybdenum Copper, Gold, Molybdenum Copper, Gold, Molybdenum Copper, Molybdenum, Silver Copper, Molybdenum Gold, Arsenic, Copper Molybdenum, Antimony, Gold, Arse Copper, Molybdenum, Silver, Tungs Copper, Silver, Lead
NA BER NO E N VELAND GE C C PA LE KLAND EAL NA ARIS EVARD D HAWK I TIGER LION	Porphyry Cu-Mo-Au Unknown Vein Polymetallic Ag-Pb-Zn±Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Unknown Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Unknown Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown Orophyry Cu-Mo-Au Unknown	Anomaly Unknown Past Producer Deposit Anomaly Anomaly Anomaly Anomaly Unknown Anomaly Drilled Prospect Unknown Showing Unknown Showing Showing Anomaly Anomaly Drilled Prospect Unknown Unknown Unknown Anomaly Showing Showing Anomaly Anomaly Unknown Anomaly Anomaly Drilled Prospect Unknown Unknown Anomaly Anomaly Drilled Prospect Unknown Unknown Anomaly Unknown	Lead, Zinc, Silver Copper, Gold, Molybdenum, Silver Copper, Molybdenum Copper Copper, Molybdenum Copper, Molybdenum Copper, Molybdenum Copper, Molybdenum Copper, Gold, Molybdenum Copper, Molybdenum, Silver Copper, Molybdenum Copper, Molybdenum, Silver, Tungs Copper, Silver, Lead
NA BER NO E N VELAND GE C C PA LE KLAND EAL S VA ARIS EVARD D HAWK I TIGER LION	Unknown Vein Polymetallic Ag-Pb-Zn±Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Unknown Porphyry Cu-Mo-Au Unknown Porphyry Cu-Mo-Au Unknown Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Unknown Unknown Unknown Unknown Unknown Porphyry Cu-Mo-Au Unknown Unknown Unknown Unknown Unknown Sorphyry Cu-Mo-Au Unknown	Unknown Past Producer Deposit Anomaly Anomaly Anomaly Anomaly Unknown Anomaly Drilled Prospect Unknown Unknown Showing Unknown Anomaly Drilled Prospect Unknown Unknown Unknown Anomaly Showing Anomaly Anomaly Anomaly Unknown Unknown Anomaly Anomaly Anomaly Unknown Unknown Anomaly Anomaly Drilled Prospect Unknown Unknown Anomaly Anomaly Unknown Unknown	Lead, Zinc, Silver Copper, Gold, Molybdenum, Silver Copper, Molybdenum Copper Copper, Molybdenum Copper, Molybdenum Copper, Molybdenum Copper, Molybdenum Copper, Gold, Molybdenum Copper, Molybdenum, Silver Copper, Molybdenum Copper, Molybdenum, Silver, Tungs Copper, Silver, Lead
BER NO E N VELAND GE EC PA LE EKLAND EAL VA ARIS EVARD D HAWK I TIGER LION	Vein Polymetallic Ag-Pb-Zn±Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Unknown Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Unknown Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Unknown Unknown Unknown Unknown Porphyry Cu-Mo-Au Unknown Unknown Unknown Unknown Unknown Sorphyry Cu-Mo-Au Unknown	Past Producer Deposit Anomaly Anomaly Anomaly Anomaly Unknown Anomaly Drilled Prospect Unknown Unknown Showing Unknown Anomaly Showing Anomaly Anomaly Drilled Prospect Unknown Unknown Unknown Unknown Anomaly Showing Anomaly Unknown Unknown Unknown Anomaly Drilled Prospect Unknown Unknown Anomaly Anomaly Anomaly Anomaly Unknown Unknown Unknown	Copper, Gold, Molybdenum, Silver Copper, Molybdenum Copper Copper, Molybdenum Copper, Molybdenum Copper, Molybdenum Copper, Molybdenum Copper, Gold, Molybdenum Copper, Molybdenum, Silver Copper, Molybdenum Copper, Molybdenum, Silver, Tungs Copper, Silver, Lead
NO E N VELAND GE EC PA LE EKLAND EAL VA ARIS Evard D HAWK I TIGER LION	Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Unknown Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Unknown Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Unknown Unknown Porphyry Cu-Mo-Au Unknown Unknown Unknown Unknown Orophyry Cu-Mo-Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Unknown	Deposit Anomaly Anomaly Anomaly Anomaly Anomaly Unknown Anomaly Drilled Prospect Unknown Unknown Showing Unknown Anomaly Showing Anomaly Anomaly Drilled Prospect Unknown Unknown Anomaly Unknown Anomaly Anomaly Unknown Unknown Anomaly Anomaly Drilled Prospect Unknown Unknown Anomaly Anomaly Anomaly Anomaly Anomaly Unknown Unknown	Copper, Gold, Molybdenum, Silver Copper, Molybdenum Copper Copper, Molybdenum Copper, Molybdenum Copper, Molybdenum Copper, Molybdenum Copper, Gold, Molybdenum Copper, Molybdenum, Silver Copper, Molybdenum Copper, Molybdenum, Silver, Tungs Copper, Silver, Lead
E N VELAND GE C PA LE KLAND EAL VA ARIS evard D HAWK I TIGER LION	Porphyry Cu-Mo-Au Unknown Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Unknown Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Unknown Unknown Porphyry Cu-Mo-Au Unknown Porphyry Cu-Mo-Au Unknown Porphyry Cu-Mo-Au Unknown Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Unknown Orogenic Au Unknown Skarn Cu Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown	Anomaly Anomaly Anomaly Anomaly Unknown Anomaly Drilled Prospect Unknown Unknown Showing Unknown Anomaly Showing Showing Anomaly Drilled Prospect Unknown Unknown Anomaly Unknown Anomaly Anomaly Unknown Unknown Anomaly Anomaly Drilled Prospect Unknown Anomaly Unknown Anomaly Unknown	Copper, Molybdenum Copper, Molybdenum Copper, Molybdenum Copper, Molybdenum Copper, Molybdenum Copper, Gold, Molybdenum Copper, Molybdenum, Silver Copper, Molybdenum Copper, Molybdenum Copper, Molybdenum Copper, Molybdenum Copper, Molybdenum Copper, Molybdenum Copper, Molybdenum, Silver, Tungs Copper, Silver, Lead
N VELAND GE EC PA LE KLAND EAL VA ARIS EVARD D HAWK I TIGER LION	Unknown Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Unknown Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Unknown Unknown Unknown Porphyry Cu-Mo-Au Unknown Porphyry Cu-Mo-Au Unknown Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Unknown Orogenic Au Unknown Skarn Cu Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown	Anomaly Anomaly Anomaly Unknown Anomaly Drilled Prospect Unknown Unknown Showing Unknown Anomaly Showing Showing Anomaly Drilled Prospect Unknown Unknown Anomaly Unknown Unknown Anomaly Anomaly Unknown Unknown Anomaly	Copper Copper, Molybdenum Copper, Molybdenum Copper, Molybdenum Copper, Gold, Molybdenum Copper, Molybdenum, Silver Copper, Molybdenum Copper, Molybdenum Copper, Molybdenum Copper, Molybdenum Copper, Molybdenum Copper, Molybdenum Gold, Arsenic, Copper Molybdenum, Antimony, Gold, Arse Copper, Molybdenum, Silver, Tungs Copper, Silver, Lead
GE CC PA LE EKLAND EAL WA ARIS Evard D HAWK I TIGER LION	Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Unknown Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Unknown Unknown Porphyry Cu-Mo-Au Unknown Porphyry Cu-Mo-Au Unknown Porphyry Cu-Mo-Au Unknown Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Unknown Orogenic Au Unknown Skarn Cu Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown	Anomaly Anomaly Unknown Anomaly Anomaly Anomaly Anomaly Drilled Prospect Unknown Unknown Showing Unknown Anomaly Showing Anomaly Anomaly Drilled Prospect Unknown Unknown Unknown Anomaly Anomaly Drilled Prospect Unknown Unknown Anomaly Unknown Unknown Unknown Anomaly	Copper, Molybdenum Copper, Molybdenum Copper, Molybdenum Copper, Gold, Molybdenum Copper, Molybdenum, Silver Copper, Molybdenum Copper, Molybdenum Gold, Arsenic, Copper Molybdenum, Antimony, Gold, Arse Copper, Molybdenum, Silver, Tungs Copper, Silver, Lead
EC PA LE EKLAND EAL NA ARIS EVARD D HAWK I TIGER LION	Unknown Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Unknown Unknown Porphyry Cu-Mo-Au Unknown Unknown Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Unknown Orogenic Au Unknown Skarn Cu Unknown Unknown Unknown Unknown Unknown Unknown Unknown	Unknown Anomaly Anomaly Drilled Prospect Unknown Unknown Showing Unknown Anomaly Showing Anomaly Anomaly Anomaly Drilled Prospect Unknown Showing Unknown Unknown Anomaly Anomaly Anomaly Drilled Prospect Unknown Anomaly Unknown Anomaly	Copper, Molybdenum Copper, Gold, Molybdenum Copper, Molybdenum, Silver Copper, Molybdenum Copper, Molybdenum Gold, Arsenic, Copper Molybdenum, Antimony, Gold, Arse Copper, Molybdenum, Silver, Tungs Copper, Silver, Lead
PA LE KLAND EAL VA ARIS evard D HAWK LITIGER LION	Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Unknown Unknown Porphyry Cu-Mo-Au Unknown Unknown Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Unknown Orogenic Au Unknown Skarn Cu Unknown Unknown Unknown Unknown Unknown Unknown	Anomaly Anomaly Drilled Prospect Unknown Unknown Showing Unknown Anomaly Showing Anomaly Anomaly Anomaly Drilled Prospect Unknown Showing Unknown Unknown Anomaly Anomaly Anomaly Anomaly Anomaly Anomaly Anomaly Anomaly Anomaly Unknown Unknown	Copper, Molybdenum Copper, Gold, Molybdenum Copper, Molybdenum, Silver Copper, Molybdenum Copper, Molybdenum Gold, Arsenic, Copper Molybdenum, Antimony, Gold, Arse Copper, Molybdenum, Silver, Tungs Copper, Silver, Lead
PA LE KLAND EAL VA ARIS evard D HAWK LITIGER LION	Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Unknown Unknown Porphyry Cu-Mo-Au Unknown Unknown Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Unknown Orogenic Au Unknown Skarn Cu Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown	Anomaly Drilled Prospect Unknown Unknown Showing Unknown Anomaly Showing Anomaly Anomaly Drilled Prospect Unknown Showing Unknown Unknown Unknown Unknown Anomaly	Copper, Molybdenum Copper, Gold, Molybdenum Copper, Molybdenum, Silver Copper, Molybdenum Copper, Molybdenum Gold, Arsenic, Copper Molybdenum, Antimony, Gold, Arse Copper, Molybdenum, Silver, Tungs Copper, Silver, Lead
PA LE KLAND EAL VA ARIS evard D HAWK LITIGER LION	Porphyry Cu-Mo-Au Unknown Unknown Porphyry Cu-Mo-Au Unknown Unknown Unknown Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Unknown Orogenic Au Unknown Skarn Cu Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown	Drilled Prospect Unknown Unknown Showing Unknown Anomaly Showing Showing Anomaly Anomaly Drilled Prospect Unknown Showing Anomaly Unknown Unknown Unknown Anomaly	Copper, Gold, Molybdenum Copper, Molybdenum, Silver Copper, Molybdenum Copper, Molybdenum Gold, Arsenic, Copper Molybdenum, Antimony, Gold, Arse Copper, Molybdenum, Silver, Tungs Copper, Silver, Lead
LE KLAND EAL VA ARIS evard D HAWK I TIGER LION	Unknown Porphyry Cu-Mo-Au Unknown Unknown Unknown Unknown Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Unknown Orogenic Au Unknown Skarn Cu Unknown Unknown Unknown Unknown Unknown Unknown Unknown	Unknown Unknown Showing Unknown Anomaly Showing Showing Anomaly Anomaly Drilled Prospect Unknown Showing Anomaly Unknown Unknown Unknown Anomaly	Copper, Molybdenum, Silver Copper, Molybdenum Copper, Molybdenum Gold, Arsenic, Copper Molybdenum, Antimony, Gold, Arse Copper, Molybdenum, Silver, Tungs Copper, Silver, Lead
NA ARIS EVARD D HAWK I TIGER LION	Unknown Porphyry Cu-Mo-Au Unknown Unknown Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Unknown Orogenic Au Unknown Skarn Cu Unknown Unknown Unknown Unknown Unknown Unknown Unknown	Unknown Showing Unknown Anomaly Showing Showing Anomaly Anomaly Drilled Prospect Unknown Showing Anomaly Unknown Unknown Unknown Anomaly	Copper, Molybdenum Copper, Molybdenum Gold, Arsenic, Copper Molybdenum, Antimony, Gold, Arse Copper, Molybdenum, Silver, Tungs Copper, Silver, Lead
NA ARIS Evard D HAWK I TIGER LION	Porphyry Cu-Mo-Au Unknown Unknown Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Unknown Orogenic Au Unknown Skarn Cu Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown	Showing Unknown Anomaly Showing Showing Anomaly Anomaly Drilled Prospect Unknown Showing Anomaly Unknown Unknown Unknown Anomaly	Copper, Molybdenum Copper, Molybdenum Gold, Arsenic, Copper Molybdenum, Antimony, Gold, Arse Copper, Molybdenum, Silver, Tungs Copper, Silver, Lead
NA ARIS evard D HAWK I TIGER LION	Unknown Unknown Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Unknown Orogenic Au Unknown Skarn Cu Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown	Unknown Anomaly Showing Showing Anomaly Anomaly Drilled Prospect Unknown Showing Anomaly Unknown Unknown Unknown Anomaly	Copper, Molybdenum Gold, Arsenic, Copper Molybdenum, Antimony, Gold, Arse Copper, Molybdenum, Silver, Tungs Copper, Silver, Lead
NA ARIS evard D HAWK I TIGER LION	Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Unknown Orogenic Au Unknown Skarn Cu Unknown Unknown Unknown Unknown Unknown Unknown Unknown	Showing Showing Anomaly Anomaly Drilled Prospect Unknown Showing Anomaly Unknown Unknown Unknown Anomaly	Copper, Molybdenum Gold, Arsenic, Copper Molybdenum, Antimony, Gold, Arse Copper, Molybdenum, Silver, Tungs Copper, Silver, Lead
NA ARIS evard D HAWK I TIGER LION	Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Unknown Orogenic Au Unknown Skarn Cu Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown	Showing Anomaly Anomaly Drilled Prospect Unknown Showing Anomaly Unknown Unknown Unknown Anomaly	Copper, Molybdenum Gold, Arsenic, Copper Molybdenum, Antimony, Gold, Arse Copper, Molybdenum, Silver, Tungs Copper, Silver, Lead
NA ARIS evard D HAWK I TIGER LION	Porphyry Cu-Mo-Au Unknown Orogenic Au Unknown Skarn Cu Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown	Anomaly Anomaly Drilled Prospect Unknown Showing Anomaly Unknown Unknown Unknown Anomaly	Gold, Arsenic, Copper Molybdenum, Antimony, Gold, Arse Copper, Molybdenum, Silver, Tungs Copper, Silver, Lead
ARIS evard D HAWK I TIGER LION	Unknown Orogenic Au Unknown Skarn Cu Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown	Anomaly Drilled Prospect Unknown Showing Anomaly Unknown Unknown Unknown Anomaly	Molybdenum, Antimony, Gold, Arse Copper, Molybdenum, Silver, Tungs Copper, Silver, Lead
evard D HAWK I TIGER LION	Orogenic Au Unknown Skarn Cu Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown	Drilled Prospect Unknown Showing Anomaly Unknown Unknown Unknown Anomaly	Copper, Molybdenum, Silver, Tungs Copper, Silver, Lead
D HAWK I TIGER LION	Unknown Skarn Cu Unknown Unknown Unknown Unknown Unknown Unknown Unknown	Unknown Showing Anomaly Unknown Unknown Unknown Anomaly	Copper, Molybdenum, Silver, Tungs Copper, Silver, Lead
LION	Unknown Unknown Unknown Unknown Unknown Unknown	Anomaly Unknown Unknown Unknown Anomaly	Copper, Silver, Lead
	Unknown Unknown Unknown Unknown Unknown	Unknown Unknown Unknown Anomaly	
RPROOF	Unknown Unknown Unknown Unknown	Unknown Unknown Anomaly	Arsenic, Gold
	Unknown Unknown Unknown	Unknown Anomaly	
MAN ONATION	Unknown Unknown	Anomaly	
SON	Unknown	•	
AS		Anomaly	Copper
ARE	Unknown	Unknown	
NGTON	Unknown	Unknown	
ARAT	Plutonic Related Au	Anomaly	Galena, Gold, Silver
AR	Unknown	Anomaly	Gold
SH	Unknown	Unknown	
N NA	Porphyry Cu-Mo-Au Unknown	Anomaly Unknown	
MAR	Unknown	Anomaly	Gold
0	Unknown	Anomaly	
OLL	Unknown	Unknown	
IRE	Unknown	Anomaly	Copper
QUERITE	Vein Polymetallic Ag-Pb-Zn±Au	Showing	Gold, Silver, Copper
v	Distance Deleted Ass	Droomoot	Gold, Arsenic, Antimony, Mercury,
K OGGIE	Plutonic Related Au Porphyry Cu-Mo-Au	Prospect Showing	Barium Copper, Molybdenum
VGGIE V	Unknown	Unknown	- appen, morraum
COT	Orogenic Au	Prospect	Gold, Silver, Arsenic
ΓISON	Porphyry Cu-Mo-Au	Drilled Prospect	Copper, Molybdenum
ANA	Porphyry Cu-Mo-Au	Drilled Prospect	Copper, Molybdenum
CO	Porphyry Cu-Mo-Au	Showing	Copper, Molybdenum
- SICK	Uranium	Anomaly	Uranium
SICK _ER	Uranium Vein Au-Quartz	Anomaly Showing	Uranium Gold
<u>1\</u>	VOITTIG QUALLE	Showing	Antimony, Gold, Arsenic, Lead, Zind
0	Vein Polymetallic Ag-Pb-Zn±Au	Showing	Silver
DOW	Porphyry-related Au	Anomaly	Gold
ADIAN CREEK	Porphyry Cu-Mo-Au	Drilled Prospect	Copper, Gold, Molybdenum
/HERE	Vein Au-Quartz	Showing	Gold, Silver
TIE MAIN			Gold, Bismuth, Arsenic, Molybdenu
			Gold Gold, Antimony, Arsenic
⊢⊢⊢ I\/I∆INI			Gold, Artifforty, Arsenic
	Orogenic Au	Drilled Prospect	Gold, Arsenic, Antimony
FEE MAIN FEE WEST MAN	Orogenic Au	Drilled Prospect	Gold, Bismuth, Molybdenum
FEE WEST	Ultramafic Mafic Gabbroid Cu-Ni-PGE	Anomaly	-
FEE WEST MAN		_	Copper, Iridium, Gold, Nickel, Pallac
FEE WEST MAN ly Gold G	Ultramafic Mafic Gabbroid Cu-Ni-PGE	Prospect	Platinum, Rhodium
FEE WEST MAN ly Gold G		· ·	Copper, Zinc, Silver, Lead, Gold
FEE WEST MAN ly Gold G DN R		· ·	Copper, Silver
FEE WEST MAN ly Gold G DN IR ZOTIN	Dilitonic Delated All		
FEE WEST MAN ly Gold G DN R ZOTIN FORNIA			Copper, Molybdenum
FEE WEST MAN ly Gold G DN R ZOTIN FORNIA	Porphyry Cu-Mo-Au	· · · · · · · · · · · · · · · · · · ·	Copper, Gold
FEE WEST MAN ly Gold G DN R ZOTIN FORNIA		Showing	
FEE WEST MAN ly Gold G DN R ZOTIN FORNIA	Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au	Anomaly	
FEE WEST MAN ly Gold G ON R ZOTIN FORNIA NGELL DI ZA CLOUGH	Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Vein Cu±Ag Quartz Ultramafic Mafic Gabbroid Cu-Ni-PGE Vein Cu±Ag Quartz		
FEE WEST MAN ly Gold G DN R ZOTIN FORNIA NGELL DI ZA CLOUGH RICK	Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Vein Cu±Ag Quartz Ultramafic Mafic Gabbroid Cu-Ni-PGE Vein Cu±Ag Quartz Vein and replacement Mn	Anomaly Showing Showing	Manganese
FEE WEST MAN ly Gold G ON R ZOTIN FORNIA NGELL DI ZA CLOUGH	Porphyry Cu-Mo-Au Porphyry Cu-Mo-Au Vein Cu±Ag Quartz Ultramafic Mafic Gabbroid Cu-Ni-PGE Vein Cu±Ag Quartz	Anomaly Showing Showing	Manganese
7	DOW DIAN CREEK HERE TE MAIN L TEE MAIN TEE WEST WAN TY Gold TO R OTIN	Porphyry-related Au DIAN CREEK Porphyry Cu-Mo-Au HERE Vein Au-Quartz TE MAIN Orogenic Au L Unknown TEE MAIN Orogenic Au TEE WEST Orogenic Au MAN Orogenic Au MAN Orogenic Au MI Ultramafic Mafic Gabbroid Cu-Ni-PGE M Ultramafic Mafic Gabbroid Cu-Ni-PGE M Vein Polymetallic Ag-Pb-Zn±Au OTIN Skarn Cu TORNIA Plutonic Related Au NGELL Porphyry Cu-Mo-Au DI Porphyry Cu-Mo-Au	Porphyry-related Au Anomaly DIAN CREEK Porphyry Cu-Mo-Au Drilled Prospect HERE Vein Au-Quartz Showing TIE MAIN Orogenic Au Drilled Prospect LUNknown Unknown TEE MAIN Orogenic Au Deposit TEE WEST Orogenic Au Deposit TEE WEST Orogenic Au Drilled Prospect TEE WAN Orogenic Au Drilled Prospect TEE WAN Orogenic Au Drilled Prospect TEE WIST Orogenic Au Drilled Prospect TEE WEST

Table 1: List of Mineral Occurrences for NTS map sheet 115J and 115K (Yukon MINFILE, 2015)

RECOMMENDED CITATION

MACKIE, R., ARNE, D. AND PENNIMPEDE, C., 2016. Weighted sums model for Orogenic Au deposits levelled by geology. In: Enhanced interpretation of stream sediment geochemical data for NTS map sheet 115J and 115K. Yukon Geological Survey, Open File 2016-15, scale 1:250 000, sheet 4 of 13.

Catchment basin polygons generated by the Yukon Geological Survey (J. O. Bruce).

Any revisions or additional geological information known to the user would be welcomed by the Yukon Geological Survey.

Paper copies of this map and the accompanying report may be obtained from the Yukon Geological Survey, Energy, Mines and Resources, Government of Yukon, Room 102-300 Main St., Whitehorse, Yukon, Y1A 2B5. Ph. 867-667-3201, Email geology@gov.yk.ca.

A digital PDF (Portable Document File) file of this map may be downloaded free of charge from the Yukon Geological Survey website: http://www.geology.gov.yk.ca.

> Yukon Geological Survey Energy, Mines and Resources Government of Yukon

Open File 2016-15

Weighted sums model for Orogenic Au deposits levelled by mapped geology (NTS 115J and 115K) Sheet 4 of 13

