

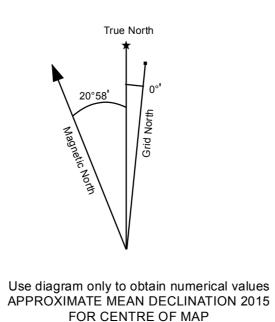
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ONE THOUSAND METRE GRID Universal Transverse Mercator Projection North American Datum 1983 Zone 9 CONTOUR INTERVAL 100 FEET

Elevations in metres above Mean Sea Level

Weighted sums model (Geology Levelled) Sheet 2 of 15 SCALE 1:250 000 kilometres

Epithermal Au-Ag Deposits



FINLAYSON LAKE WOLF WATSON

INTRODUCTION

New geochemical data from re-analysis of archived stream sediment samples have been assessed using weighted sums modeling and catchment basin analysis, as described in the methodology report accompanying this map (Mackie et al., 2015). Both commodity and pathfinder element abundances are evaluated to highlight areas that show geochemical responses consistent with a 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 a large part of Yukon.

SAMPLING AND ANALYSIS PROGRAMS

measures.

MINERAL OCCURRENCES

A variety of types of base and precious-metal mineralization are known to occur in the Frances Lake map sheet as shown in Table 1 (YGS MINFILE, 2015). the area and includes W (Tai, Woah and Susan deposits), and the Tintina polymetallic Ag-Pb-Zn deposit occur in the interest. adjacent map area towards the west (105G).

WEIGHTED SUMS MODELLING

As described in the report accompanying this map (Mackie et al., 2015), two approaches have been used to subdue effects related to changes in underlying geology. One uses data levelled by the dominant geology mapped within each catchment. The other uses residuals calculated from regression against principal components interpreted to represent geologic horizons that exhibit a strong influence on the distribution of commodity and pathfinder elements. Weighted sums models (WSM) have been generated using the processed data. Importance rankings used in Weighted Sums Models (WSM) for a variety of deposit types are summarized in Table 2. Each model is optimized for a target deposit type however other

deposit types may be represented in a given model due to similarities in elemental abundances and associations. A WSM is presented for epithermal Au-Ag mineralization, however given the lack of occurrences of this type within the map area the model could not be validated and therefore should be used with caution.

Exploratory data analysis of both raw element data and principal components indicate that the distribution of many commodity and pathfinder elements is strongly influenced by lithological variation. The first principal component associated data files. This release is part of a regional As, Cd, Ba and Zn; and negative loadings for K, Ti, Na, Al, assessment of stream sediment geochemistry that covers Bi and U. Respectively, these groupings form geochemical domains that match the transition from sedimentary and volcanic rocks in the west to felsic Stream sediment and water samples from the Frances intrusive rocks in the east. The second principal Lake map area (105H) were collected at a component shows high negative loadings for Co, Fe, Cr, reconnaissance scale in 1987 as part of the Canada- Ni, Cu and Mg which forms a spatial pattern matching the Yukon Mineral Development Agreement (Hornbrook & mapped distribution of the Hyland Group sedimentary Friske, 1988). Field descriptions and initial geochemical rocks. Regression analysis of selected metals against the data for 917 sites were released in Geological Survey of relevant principal component(s) effectively filters these Canada ("GSC") Open File 1649. New geochemical data 'terrane-effects' while preserving responses related to from the re-analysis of archived sample material were known occurrences. Levelling by the dominant mapped released in GSC Open File 6043 and Yukon Geological geology has a more subdued effect on filtering the Survey ("YGS") Open File 2009-1. The reader is referred interpreted lithological control for certain (e.g., Ba, Cd, Hg to these open files for detailed descriptions of sampling and Ag). In order to reduce the impact these elements techniques, analytical procedures and quality control had in the WSM they were assigned low importance rankings or were omitted for certain deposit types. Negative rankings were assigned to certain variables to help differentiate deposit types with similar metal associations. For most deposit types the WSM models generated using the two approaches are quite similar.

Skarn is dominant style of mineralization documented in The effectiveness of historical sampling coverage has been assessed empirically using graphs of WSMs plotted Pb-Zn (Max, Miko, Fir Tree, and Lee deposits) and Cu against catchment surface area to determine the ideal (Jan Prospect) types. The producing Cantung W-skarn maximum catchment size (10 km²). Catchments that mine, currently operated by North American Tungsten cover larger areas are interpreted to have been under-Corporation, occurs in the north-eastern corner of the map sampled and thus require further sampling to properly area within Northwest Territories. In addition to skarn evaluate geochemical anomalism. Given the likelihood mineralization, intrusion-related gold mineralization has that a mineralization 'signal' would be progressively also been documented within the map area (Justin diluted with increase in catchment size, marginally high Deposit). The Finlayson Lake Zn-Pb-Cu-Ag VMS district WSM scores for large catchments could also be of

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

Target Deposit Type ^a	Other Deposit Types ^a	Mn	Fe	Со	Ni	Cu	Мо	Zn	Pb	Ag	Au ¹	As	Ва	Cd	Sn	Sb	Те	Hg	Ħ	Bi	F	w
Pb-Zn skarn	VMS, SEDEX, MVT,							3	4	1				1						1		
	Polymetallic Ag-Pb-Zn																					Ь_
VMC (7p riph)	SEDEX, Pb-Zn skarn, MVT,					2		1	2	1				5								2
VMS (Zn-rich)	Polymetallic Ag-Pb-Zn					2		4	2	'				2								-2
Cu skarn	Porphyry Cu, Cu-Ag qtz vein					4				2							1			1		
W skam	Porphyry Mo						2													1		3
Porphyry Mo	Porphyry Cu, W skarn					1	4															2
Intrusion-related Au	Epithermal Au-Ag										3	2				1				1		
Epithermal Au-Ag	Intrusion-related Au, Polymetallic Ag-Pb-Zn									3	2	3										

^aVMS = volcanic hosted/associated massive sulphide; SEDEX = sedimentary exhalative; MVT = Mississippi Valley Type; Polymetallic Ag-Pb-Zn type ¹Raw data following a log₁₀ transformation.



REFERENCES

Hornbrook, E.H.W. and Friske, P.W.B., 1988. Regional stream sediment and water geochemical data, southeastern Yukon (NTS 105H). Geological Survey of Canada, Open File 1649.

Mackie, R., Arne, D. and Brown, O., 2015. Enhanced interpretation of regional stream sediment (RGS) geochemical data from Yukon: catchment basin analysis and weighted sums modeling. Yukon Geological Survey, Open File 2015-10.

McCurdy, M.W., Day, S.J.A., Friske, P.W.B., McNeil, R.J. and Hornbrook, E.H.W., 2009. Regional Stream Sediment and Water Geochemical Data, Frances Lake area, southeastern Yukon (NTS 105H). Geological Survey of Canada, Open File 6043, Yukon Geological Survey Open, File 2009-1.

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

Table 1: List of Mineral Occurrences for NTS map sheet 105H (Yukon MINFILE, 2015)						
Number	Name	Туре	Status	Commod		
105H 001	JAN	Skarn Cu	Prospect	Conner (

05H 003 05H 004 05H 005 05H 006	NEE	Linkmanna	Showing	Copper, Zinc, Lead, Silver
05H 005	COV	Unknown	Unknown	Lead, Silver, Zinc
		Vein Polymetallic Ag-Pb-Zn±Au Skarn Pb-Zn	Drilled Prospect	Copper, Lead, Tungsten, Zinc, Silver,
0511006	FLIF	Skalli PD-ZII	Drilled Prospect	Gold
	DC	Ckorn Dh. 7n	Drillad Dragnost	
		Skarn Pb-Zn		Copper, Silver, Lead, Zinc
	VAGAS	Unknown	Anomaly	Lead, Zinc
	MIKO	Skarn Pb-Zn		Copper, Silver, Zinc, Gold, Lead
05H 009	GLENNA	Skarn Pb-Zn	Drilled Prospect	Lead, Zinc, Silver
05H 010	STEELE	Skarn Pb-Zn	Showing	Copper, Silver, Zinc, Lead
05H 011	MAX	Skarn Pb-Zn	Drilled Prospect	Copper, Gold, Lead, Silver, Tungsten,
				Zinc
05H 012	KI AT7A	Unknown	Anomaly	Tungsten
	FRANCES	Vein Cu±Ag Quartz	Showing	Copper
		-		
05H 014		Ultramafic Mafic Jade (Nephrite)	Producer	Jade/Nephrite
05H 015		Vein Cu±Ag Quartz	Showing	Copper
05H 016	TUCHITUA	Ultramafic Mafic Jade (Nephrite)	Past Producer	Chrysotile, Gold, Lead, Silver, Zinc,
				Jade/Nephrite, Copper
05H 017	EAST ARM	Unknown	Showing	
05H 018	GALE	Skarn Pb-Zn	Prospect	Copper, Silver, Zinc, Lead
05H 019	MAY	Skarn Pb-Zn	Showing	Cobalt, Copper, Molybdenum, Nickel,
000.0			onoming	Zinc, Silver, Gold
05H 020	MAPEL	Vein Polymetallic Ag-Pb-Zn±Au	Showing	Copper, Lead, Gold, Silver, Zinc
	MATT BERRY	Volcanogenic Massive Sulphide (VMS) Kuroko Cu-Pb-Zn	Deposit	Gold, Lead, Zinc, Antimony, Silver
		1 1 7	-	
05H 022		Skarn Pb-Zn	Showing	Lead, Silver, Zinc
05H 023	LUCY	Unknown	Unknown	
05H 024	CANYON	Skarn Pb-Zn	Drilled Prospect	Gold, Zinc, Lead, Silver
05H 025	STU	Skarn W	Showing	Copper
05H 026		Skarn W	Prospect	Tungsten
		Unknown	<u> </u>	
JOH U27	CORRIE	OHNIOWH	Drilled Prospect	Bismuth, Zinc, Silver, Nickel, Copper,
0511000	DI ACIC INCIC	Olsey Dh. 7e	Daily - 4 D	Gold
J5H 028	BLACK JACK	Skarn Pb-Zn	Drilled Prospect	Bismuth, Gold, Silver, Zinc, Lead,
				Cadmium
05H 029	FIR TREE	Skarn Pb-Zn	Drilled Prospect	Copper, Zinc, Silver, Gold, Lead
05H 030	MONTSE	Skarn W	Unknown	Tungsten
05H 031		Skarn Pb-Zn	Prospect	Cadmium, Lead, Silver, Zinc, Copper,
00.1001				Gold
15H 022	HELEN	Skarn W	Linknown	
05H 032		Skarn W	Unknown	Bismuth, Silver, Tungsten, Gold
05H 033		Skarn Pb-Zn	Prospect	Lead, Zinc, Silver
05H 034	NEEBING	Plutonic Related Au	Showing	Gold, Arsenic, Lead
05H 035		Plutonic Related Au	Drilled Prospect	Copper, Gold, Tungsten, Silver, Lead,
				Molybdenum, Zinc, Bismuth, Arsenic
05H 036	ROAD	Vein Au-Quartz	Drilled Prospect	Arsenic, Silver, Gold
05H 037		Skarn Pb-Zn	Showing	Copper, Lead, Silver, Zinc, Gold
	CREE	Skarn Mo	Showing	Molybdenum
05H 041	BR	Skarn W	Showing	Copper, Tungsten
05H 042	TANYA	Skarn W	Drilled Prospect	Copper, Silver, Zinc, Tungsten, Lead
05H 043	GUY	Skarn W	Showing	Copper, Tungsten
05H 044		Porphyry Mo (Low F-Type)	Showing	Molybdenum, Tungsten
		1 3 3 1 7	1 0	
	FULCHER	Unknown	Anomaly	Lead, Zinc
05H 046	TUSTLES	Unknown	Anomaly	Copper
05H 047	FIN	Sediment hosted Sedimentary Exhalative Zn-Pb-Ag (Sedex)	Drilled Prospect	Barite, Zinc, Lead, Silver
05H 048	TED	Vein Barite	Prospect	Barite, Silver, Zinc, Gold, Lead
	NARCHILLA	Skarn W	Prospect	Copper, Silver, Zinc, Gold, Lead
	LEE	Skarn Pb-Zn	Drilled Prospect	Copper, Zinc, Lead, Silver
	YUSEZYU	Skarn W	Showing	Copper, Tungsten
05H 052	DODGE	Skarn Mo	Showing	Molybdenum, Tungsten
05H 053	TILLEI	Porphyry Mo (Low F-Type)	Showing	Lead, Molybdenum, Zinc, Tungsten
	HITCH-HIKER	Manto Polymetallic Ag-Pb-Zn	Showing	Lead, Zinc, Copper, Silver
05H 054	ZEUS	Skarn W	Showing	Copper, Silver, Tungsten, Zinc, Lead
	200	Skarn W		Molybdenum, Tungsten
05H 055	CADDIDE	15kam vv	Showing	iwoiybaenum, rungsten
05H 055 05H 056	CARBIDE		Anomaly	1
05H 055 05H 056 05H 057	RICARDO	Unknown		
05H 055 05H 056 05H 057 05H 058	RICARDO ALM		Unknown	
05H 055 05H 056 05H 057 05H 058	RICARDO	Unknown		Copper, Molybdenum, Tunasten. Zinc
05H 055 05H 056 05H 057 05H 058 05H 059	RICARDO ALM	Unknown Skarn Pb-Zn	Unknown Prospect	
05H 055 05H 056 05H 057 05H 058 05H 059 05H 064	RICARDO ALM BUS MARKHAM	Unknown Skarn Pb-Zn Skarn W Skarn Pb-Zn	Unknown Prospect Showing	Copper, Zinc, Lead
05H 055 05H 056 05H 057 05H 058 05H 059 05H 064 05H 066	RICARDO ALM BUS MARKHAM 3ACE	Unknown Skarn Pb-Zn Skarn W Skarn Pb-Zn Plutonic Related Au	Unknown Prospect Showing Drilled Prospect	Copper, Zinc, Lead Gold, Arsenic
05H 055 05H 056 05H 057 05H 058 05H 059 05H 064 05H 066 05H 067	RICARDO ALM BUS MARKHAM 3ACE GOLDEN CULVERT	Unknown Skarn Pb-Zn Skarn W Skarn Pb-Zn Plutonic Related Au Orogenic Au	Unknown Prospect Showing Drilled Prospect Showing	Copper, Zinc, Lead Gold, Arsenic Gold, Arsenic
05H 055 05H 056 05H 057 05H 058 05H 059 05H 064 05H 066 05H 067 05H 068	RICARDO ALM BUS MARKHAM 3ACE GOLDEN CULVERT SUSAN	Unknown Skarn Pb-Zn Skarn W Skarn Pb-Zn Plutonic Related Au Orogenic Au Skarn W	Unknown Prospect Showing Drilled Prospect Showing Drilled Prospect	Copper, Zinc, Lead Gold, Arsenic Gold, Arsenic Copper, Silver, Tungsten, Zinc, Lead
05H 055 05H 056 05H 057 05H 058 05H 059 05H 064 05H 066 05H 067 05H 068	RICARDO ALM BUS MARKHAM 3ACE GOLDEN CULVERT	Unknown Skarn Pb-Zn Skarn W Skarn Pb-Zn Plutonic Related Au Orogenic Au	Unknown Prospect Showing Drilled Prospect Showing	Copper, Zinc, Lead Gold, Arsenic Gold, Arsenic
05H 055 05H 056 05H 057 05H 058 05H 059 05H 064 05H 066 05H 067 05H 068	RICARDO ALM BUS MARKHAM 3ACE GOLDEN CULVERT SUSAN CALI	Unknown Skarn Pb-Zn Skarn W Skarn Pb-Zn Plutonic Related Au Orogenic Au Skarn W	Unknown Prospect Showing Drilled Prospect Showing Drilled Prospect	Copper, Zinc, Lead Gold, Arsenic Gold, Arsenic Copper, Silver, Tungsten, Zinc, Lead Copper, Silver, Tungsten
05H 055 05H 056 05H 057 05H 058 05H 059 05H 064 05H 066 05H 067 05H 068 05H 070 05H 072	RICARDO ALM BUS MARKHAM 3ACE GOLDEN CULVERT SUSAN CALI	Unknown Skarn Pb-Zn Skarn W Skarn Pb-Zn Plutonic Related Au Orogenic Au Skarn W Skarn W	Unknown Prospect Showing Drilled Prospect Showing Drilled Prospect Drilled Prospect Drilled Prospect	Copper, Zinc, Lead Gold, Arsenic Gold, Arsenic Copper, Silver, Tungsten, Zinc, Lead Copper, Silver, Tungsten Tungsten
05H 055 05H 056 05H 057 05H 058 05H 059 05H 064 05H 066 05H 067 05H 068 05H 070 05H 072 05H 072	RICARDO ALM BUS MARKHAM 3ACE GOLDEN CULVERT SUSAN CALI WOAH TAI	Unknown Skarn Pb-Zn Skarn W Skarn Pb-Zn Plutonic Related Au Orogenic Au Skarn W Skarn W Skarn W Skarn W Skarn W	Unknown Prospect Showing Drilled Prospect Showing Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect	Copper, Zinc, Lead Gold, Arsenic Gold, Arsenic Copper, Silver, Tungsten, Zinc, Lead Copper, Silver, Tungsten Tungsten Tungsten
05H 055 05H 056 05H 057 05H 058 05H 059 05H 064 05H 066 05H 067 05H 068 05H 070 05H 072 05H 072	RICARDO ALM BUS MARKHAM 3ACE GOLDEN CULVERT SUSAN CALI WOAH	Unknown Skarn Pb-Zn Skarn W Skarn Pb-Zn Plutonic Related Au Orogenic Au Skarn W Skarn W Skarn W	Unknown Prospect Showing Drilled Prospect Showing Drilled Prospect Drilled Prospect Drilled Prospect	Copper, Zinc, Lead Gold, Arsenic Gold, Arsenic Copper, Silver, Tungsten, Zinc, Lead Copper, Silver, Tungsten Tungsten Tungsten Barite, Gypsum, Lead, Silver, Zinc,
05H 055 05H 056 05H 057 05H 058 05H 059 05H 064 05H 066 05H 067 05H 070 05H 072 05H 073	RICARDO ALM BUS MARKHAM 3ACE GOLDEN CULVERT SUSAN CALI WOAH TAI MAXI	Unknown Skarn Pb-Zn Skarn W Skarn Pb-Zn Plutonic Related Au Orogenic Au Skarn W	Unknown Prospect Showing Drilled Prospect Showing Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect	Copper, Zinc, Lead Gold, Arsenic Gold, Arsenic Copper, Silver, Tungsten, Zinc, Lead Copper, Silver, Tungsten Tungsten Tungsten Barite, Gypsum, Lead, Silver, Zinc, Copper
05H 055 05H 056 05H 057 05H 058 05H 059 05H 064 05H 067 05H 067 05H 070 05H 072 05H 075	RICARDO ALM BUS MARKHAM 3ACE GOLDEN CULVERT SUSAN CALI WOAH TAI MAXI ZEUT	Unknown Skarn Pb-Zn Skarn W Skarn Pb-Zn Plutonic Related Au Orogenic Au Skarn W	Unknown Prospect Showing Drilled Prospect Showing Drilled Prospect	Copper, Zinc, Lead Gold, Arsenic Gold, Arsenic Copper, Silver, Tungsten, Zinc, Lead Copper, Silver, Tungsten Tungsten Tungsten Barite, Gypsum, Lead, Silver, Zinc, Copper Tungsten
05H 055 05H 056 05H 057 05H 058 05H 059 05H 064 05H 067 05H 067 05H 070 05H 072 05H 073 05H 075	RICARDO ALM BUS MARKHAM 3ACE GOLDEN CULVERT SUSAN CALI WOAH TAI MAXI ZEUT JULIA	Unknown Skarn Pb-Zn Skarn W Skarn Pb-Zn Plutonic Related Au Orogenic Au Skarn W Sediment hosted Sedimentary Exhalative Zn-Pb-Ag (Sedex) Skarn W Volcanogenic Massive Sulphide (VMS) Besshi Cu-Zn	Unknown Prospect Showing Drilled Prospect Showing Drilled Prospect	Copper, Zinc, Lead Gold, Arsenic Gold, Arsenic Copper, Silver, Tungsten, Zinc, Lead Copper, Silver, Tungsten Tungsten Tungsten Barite, Gypsum, Lead, Silver, Zinc, Copper
05H 055 05H 056 05H 057 05H 058 05H 059 05H 064 05H 067 05H 067 05H 070 05H 072 05H 073 05H 077 05H 077 05H 077	RICARDO ALM BUS MARKHAM 3ACE GOLDEN CULVERT SUSAN CALI WOAH TAI MAXI ZEUT	Unknown Skarn Pb-Zn Skarn W Skarn Pb-Zn Plutonic Related Au Orogenic Au Skarn W	Unknown Prospect Showing Drilled Prospect Showing Drilled Prospect	Copper, Zinc, Lead Gold, Arsenic Gold, Arsenic Copper, Silver, Tungsten, Zinc, Lead Copper, Silver, Tungsten Tungsten Tungsten Barite, Gypsum, Lead, Silver, Zinc, Copper Tungsten
25H 055 25H 056 25H 057 25H 058 25H 059 25H 064 25H 067 25H 068 25H 070 25H 072 25H 073 25H 075 25H 077 25H 077 25H 077	RICARDO ALM BUS MARKHAM 3ACE GOLDEN CULVERT SUSAN CALI WOAH TAI MAXI ZEUT JULIA	Unknown Skarn Pb-Zn Skarn W Skarn Pb-Zn Plutonic Related Au Orogenic Au Skarn W Sediment hosted Sedimentary Exhalative Zn-Pb-Ag (Sedex) Skarn W Volcanogenic Massive Sulphide (VMS) Besshi Cu-Zn	Unknown Prospect Showing Drilled Prospect Showing Drilled Prospect	Copper, Zinc, Lead Gold, Arsenic Gold, Arsenic Copper, Silver, Tungsten, Zinc, Lead Copper, Silver, Tungsten Tungsten Tungsten Barite, Gypsum, Lead, Silver, Zinc, Copper Tungsten
25H 055 25H 056 25H 057 25H 058 25H 059 25H 064 25H 067 25H 068 25H 070 25H 072 25H 073 25H 075 25H 077 25H 078 25H 079 25H 079 25H 079 25H 079 25H 080	RICARDO ALM BUS MARKHAM 3ACE GOLDEN CULVERT SUSAN CALI WOAH TAI MAXI ZEUT JULIA TINY KNEIL	Unknown Skarn Pb-Zn Skarn W Skarn Pb-Zn Plutonic Related Au Orogenic Au Skarn W Volcanogenic Massive Sulphide (VMS) Besshi Cu-Zn Unknown Vein Polymetallic Ag-Pb-Zn±Au	Unknown Prospect Showing Drilled Prospect Showing Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect Unilled Prospect Drilled Prospect Drilled Prospect Showing Drilled Prospect Unknown Showing	Copper, Zinc, Lead Gold, Arsenic Gold, Arsenic Copper, Silver, Tungsten, Zinc, Lead Copper, Silver, Tungsten Tungsten Tungsten Barite, Gypsum, Lead, Silver, Zinc, Copper Tungsten Copper, Gold, Silver, Zinc Copper, Silver, Zinc, Lead
25H 055 25H 056 25H 057 25H 058 25H 059 25H 064 25H 066 25H 067 25H 070 25H 072 25H 073 25H 077 25H 077 25H 077 25H 077 25H 078 25H 079 25H 079 25H 080 25H	RICARDO ALM BUS MARKHAM 3ACE GOLDEN CULVERT SUSAN CALI WOAH TAI MAXI ZEUT JULIA TINY KNEIL TYERS	Unknown Skarn Pb-Zn Skarn W Skarn Pb-Zn Plutonic Related Au Orogenic Au Skarn W Scharn W Volcanogenic Massive Sulphide (VMS) Besshi Cu-Zn Unknown Vein Polymetallic Ag-Pb-Zn±Au Vein Cu±Ag Quartz	Unknown Prospect Showing Drilled Prospect Showing Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect Unilled Prospect Drilled Prospect Drilled Prospect Showing Drilled Prospect Unknown Showing Showing	Copper, Zinc, Lead Gold, Arsenic Gold, Arsenic Copper, Silver, Tungsten, Zinc, Lead Copper, Silver, Tungsten Tungsten Tungsten Barite, Gypsum, Lead, Silver, Zinc, Copper Tungsten Copper, Gold, Silver, Zinc Copper, Silver, Zinc, Lead Copper
25H 055 25H 056 25H 057 25H 058 25H 059 25H 064 25H 066 25H 067 25H 070 25H 072 25H 073 25H 077 25H 077 25H 077 25H 077 25H 078 25H 079 25H 079 25H 080 25H	RICARDO ALM BUS MARKHAM 3ACE GOLDEN CULVERT SUSAN CALI WOAH TAI MAXI ZEUT JULIA TINY KNEIL	Unknown Skarn Pb-Zn Skarn W Skarn Pb-Zn Plutonic Related Au Orogenic Au Skarn W Volcanogenic Massive Sulphide (VMS) Besshi Cu-Zn Unknown Vein Polymetallic Ag-Pb-Zn±Au	Unknown Prospect Showing Drilled Prospect Showing Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect Unilled Prospect Drilled Prospect Drilled Prospect Showing Drilled Prospect Unknown Showing	Copper, Zinc, Lead Gold, Arsenic Gold, Arsenic Copper, Silver, Tungsten, Zinc, Lead Copper, Silver, Tungsten Tungsten Tungsten Barite, Gypsum, Lead, Silver, Zinc, Copper Tungsten Copper, Gold, Silver, Zinc Copper, Gold, Silver, Zinc Copper, Silver, Zinc, Lead Copper Antimony, Gold, Silver, Tungsten,
05H 055 05H 056 05H 057 05H 058 05H 059 05H 064 05H 067 05H 068 05H 070 05H 072 05H 073 05H 075 05H 077 05H 078 05H 079 05H 080 05H 081	RICARDO ALM BUS MARKHAM 3ACE GOLDEN CULVERT SUSAN CALI WOAH TAI MAXI ZEUT JULIA TINY KNEIL TYERS TUNA	Unknown Skarn Pb-Zn Skarn W Skarn Pb-Zn Plutonic Related Au Orogenic Au Skarn W Skarn W Skarn W Skarn W Skarn W Skarn W Scharn W Sediment hosted Sedimentary Exhalative Zn-Pb-Ag (Sedex) Skarn W Volcanogenic Massive Sulphide (VMS) Besshi Cu-Zn Unknown Vein Polymetallic Ag-Pb-Zn±Au Vein Cu±Ag Quartz Porphyry Mo (Low F-Type)	Unknown Prospect Showing Drilled Prospect Showing Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect Unilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect Showing Drilled Prospect Unknown Showing Showing Showing	Copper, Zinc, Lead Gold, Arsenic Gold, Arsenic Copper, Silver, Tungsten, Zinc, Lead Copper, Silver, Tungsten Tungsten Tungsten Barite, Gypsum, Lead, Silver, Zinc, Copper Tungsten Copper, Gold, Silver, Zinc Copper, Silver, Zinc, Lead Copper Antimony, Gold, Silver, Tungsten, Molybdenum, Copper, Arsenic, Bismu
25H 055 25H 056 25H 057 25H 058 25H 059 25H 064 25H 067 25H 068 25H 070 25H 072 25H 073 25H 075 25H 077 25H 078 25H 079 25H 080 25H 081 25H 082 25H 088	RICARDO ALM BUS MARKHAM 3ACE GOLDEN CULVERT SUSAN CALI WOAH TAI MAXI ZEUT JULIA TINY KNEIL TYERS TUNA CHAP	Unknown Skarn Pb-Zn Skarn W Skarn Pb-Zn Plutonic Related Au Orogenic Au Skarn W Skarn W Skarn W Skarn W Skarn W Scharn W Volcanogenic Massive Sulphide (VMS) Besshi Cu-Zn Unknown Vein Polymetallic Ag-Pb-Zn±Au Vein Cu±Ag Quartz Porphyry Mo (Low F-Type) Skarn W	Unknown Prospect Showing Drilled Prospect Showing Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect United Prospect Drilled Prospect Drilled Prospect Drilled Prospect Showing Drilled Prospect Unknown Showing Showing Showing	Copper, Zinc, Lead Gold, Arsenic Gold, Arsenic Copper, Silver, Tungsten, Zinc, Lead Copper, Silver, Tungsten Tungsten Tungsten Barite, Gypsum, Lead, Silver, Zinc, Copper Tungsten Copper, Gold, Silver, Zinc Copper, Silver, Zinc, Lead Copper Antimony, Gold, Silver, Tungsten,
25H 055 25H 056 25H 057 25H 058 25H 059 25H 064 25H 066 25H 067 25H 072 25H 073 25H 075 25H 077 25H 077 25H 078 25H 079 25H 080 25H 081 25H 081 25H 082 25H 088	RICARDO ALM BUS MARKHAM 3ACE GOLDEN CULVERT SUSAN CALI WOAH TAI MAXI ZEUT JULIA TINY KNEIL TYERS TUNA CHAP BEANS	Unknown Skarn Pb-Zn Skarn W Skarn Pb-Zn Plutonic Related Au Orogenic Au Skarn W Skarn W Skarn W Skarn W Skarn W Scharn W Scharn W Sediment hosted Sedimentary Exhalative Zn-Pb-Ag (Sedex) Skarn W Volcanogenic Massive Sulphide (VMS) Besshi Cu-Zn Unknown Vein Polymetallic Ag-Pb-Zn±Au Vein Cu±Ag Quartz Porphyry Mo (Low F-Type) Skarn W Unknown	Unknown Prospect Showing Drilled Prospect Showing Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect United Prospect Drilled Prospect Drilled Prospect Drilled Prospect Showing Drilled Prospect Unknown Showing Showing Showing Unknown	Copper, Zinc, Lead Gold, Arsenic Gold, Arsenic Copper, Silver, Tungsten, Zinc, Lead Copper, Silver, Tungsten Tungsten Tungsten Barite, Gypsum, Lead, Silver, Zinc, Copper Tungsten Copper, Gold, Silver, Zinc Copper, Silver, Zinc, Lead Copper Antimony, Gold, Silver, Tungsten, Molybdenum, Copper, Arsenic, Bismu Copper, Tungsten, Zinc, Lead
25H 055 25H 056 25H 057 25H 058 25H 059 25H 064 25H 066 25H 067 25H 070 25H 072 25H 073 25H 075 25H 077 25H 078 25H 079 25H 080 25H 081 25H 081 25H 082 25H 088	RICARDO ALM BUS MARKHAM 3ACE GOLDEN CULVERT SUSAN CALI WOAH TAI MAXI ZEUT JULIA TINY KNEIL TYERS TUNA CHAP	Unknown Skarn Pb-Zn Skarn W Skarn Pb-Zn Plutonic Related Au Orogenic Au Skarn W Skarn W Skarn W Skarn W Skarn W Scharn W Volcanogenic Massive Sulphide (VMS) Besshi Cu-Zn Unknown Vein Polymetallic Ag-Pb-Zn±Au Vein Cu±Ag Quartz Porphyry Mo (Low F-Type) Skarn W	Unknown Prospect Showing Drilled Prospect Showing Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect United Prospect Drilled Prospect Drilled Prospect Drilled Prospect Showing Drilled Prospect Unknown Showing Showing Showing	Copper, Zinc, Lead Gold, Arsenic Gold, Arsenic Copper, Silver, Tungsten, Zinc, Lead Copper, Silver, Tungsten Tungsten Tungsten Barite, Gypsum, Lead, Silver, Zinc, Copper Tungsten Copper, Gold, Silver, Zinc Copper, Silver, Zinc, Lead Copper Antimony, Gold, Silver, Tungsten, Molybdenum, Copper, Arsenic, Bismu
25H 055 25H 056 25H 057 25H 058 25H 059 25H 066 25H 067 25H 068 25H 070 25H 072 25H 073 25H 075 25H 077 25H 078 25H 079 25H 080 25H 081 25H 082 25H 088 25H 088	RICARDO ALM BUS MARKHAM 3ACE GOLDEN CULVERT SUSAN CALI WOAH TAI MAXI ZEUT JULIA TINY KNEIL TYERS TUNA CHAP BEANS	Unknown Skarn Pb-Zn Skarn W Skarn Pb-Zn Plutonic Related Au Orogenic Au Skarn W Skarn W Skarn W Skarn W Skarn W Scharn W Scharn W Sediment hosted Sedimentary Exhalative Zn-Pb-Ag (Sedex) Skarn W Volcanogenic Massive Sulphide (VMS) Besshi Cu-Zn Unknown Vein Polymetallic Ag-Pb-Zn±Au Vein Cu±Ag Quartz Porphyry Mo (Low F-Type) Skarn W Unknown	Unknown Prospect Showing Drilled Prospect Showing Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect United Prospect Drilled Prospect Drilled Prospect Drilled Prospect Showing Drilled Prospect Unknown Showing Showing Showing Unknown	Copper, Zinc, Lead Gold, Arsenic Gold, Arsenic Copper, Silver, Tungsten, Zinc, Lead Copper, Silver, Tungsten Tungsten Tungsten Barite, Gypsum, Lead, Silver, Zinc, Copper Tungsten Copper, Gold, Silver, Zinc Copper, Silver, Zinc, Lead Copper Antimony, Gold, Silver, Tungsten, Molybdenum, Copper, Arsenic, Bismu Copper, Tungsten, Zinc, Lead
25H 055 25H 056 25H 057 25H 058 25H 059 25H 064 25H 066 25H 067 25H 072 25H 073 25H 073 25H 077 25H 077 25H 078 25H 079 25H 080 25H 081 25H 081 25H 082 25H 083 25H	RICARDO ALM BUS MARKHAM 3ACE GOLDEN CULVERT SUSAN CALI WOAH TAI MAXI ZEUT JULIA TINY KNEIL TYERS TUNA CHAP BEANS CERRO MIG	Unknown Skarn Pb-Zn Skarn W Skarn Pb-Zn Plutonic Related Au Orogenic Au Skarn W Skarn W Skarn W Skarn W Skarn W Sediment hosted Sedimentary Exhalative Zn-Pb-Ag (Sedex) Skarn W Volcanogenic Massive Sulphide (VMS) Besshi Cu-Zn Unknown Vein Polymetallic Ag-Pb-Zn±Au Vein Cu±Ag Quartz Porphyry Mo (Low F-Type) Skarn W Unknown Skarn W Unknown	Unknown Prospect Showing Drilled Prospect Showing Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect United Prospect Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect Unknown Showing Showing Showing Unknown Showing Unknown	Copper, Zinc, Lead Gold, Arsenic Gold, Arsenic Copper, Silver, Tungsten, Zinc, Lead Copper, Silver, Tungsten Tungsten Tungsten Barite, Gypsum, Lead, Silver, Zinc, Copper Tungsten Copper, Gold, Silver, Zinc Copper, Silver, Zinc, Lead Copper Antimony, Gold, Silver, Tungsten, Molybdenum, Copper, Arsenic, Bismu Copper, Tungsten, Zinc, Lead Copper, Tungsten, Zinc, Lead Copper, Tungsten, Molybdenum Zinc
25H 055 25H 056 25H 057 25H 058 25H 059 25H 064 25H 066 25H 067 25H 072 25H 073 25H 073 25H 075 25H 077 25H 078 25H 079 25H 080 25H 081 25H 082 25H 082 25H 083 25H 084 25H 085 25H 085	RICARDO ALM BUS MARKHAM 3ACE GOLDEN CULVERT SUSAN CALI WOAH TAI MAXI ZEUT JULIA TINY KNEIL TYERS TUNA CHAP BEANS CERRO MIG BILLINGS	Unknown Skarn Pb-Zn Skarn W Skarn Pb-Zn Plutonic Related Au Orogenic Au Skarn W Skarn W Skarn W Skarn W Skarn W Sediment hosted Sedimentary Exhalative Zn-Pb-Ag (Sedex) Skarn W Volcanogenic Massive Sulphide (VMS) Besshi Cu-Zn Unknown Vein Polymetallic Ag-Pb-Zn±Au Vein Cu±Ag Quartz Porphyry Mo (Low F-Type) Skarn W Unknown Skarn W Unknown Skarn W Unknown Skarn W	Unknown Prospect Showing Drilled Prospect Showing Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect United Prospect Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect Unknown Showing Showing Showing Unknown Showing Unknown Showing	Copper, Zinc, Lead Gold, Arsenic Gold, Arsenic Copper, Silver, Tungsten, Zinc, Lead Copper, Silver, Tungsten Tungsten Tungsten Barite, Gypsum, Lead, Silver, Zinc, Copper Tungsten Copper, Gold, Silver, Zinc Copper, Gold, Silver, Zinc Copper, Silver, Zinc, Lead Copper Antimony, Gold, Silver, Tungsten, Molybdenum, Copper, Arsenic, Bismu Copper, Tungsten, Zinc, Lead Copper, Tungsten, Molybdenum Zinc Molybdenum, Tungsten
05H 055 05H 056 05H 057 05H 058 05H 059 05H 064 05H 067 05H 067 05H 070 05H 072 05H 073 05H 075 05H 077 05H 078 05H 079 05H 081 05H 081 05H 082 05H 084 05H 085 05H 085 05H 085	RICARDO ALM BUS MARKHAM 3ACE GOLDEN CULVERT SUSAN CALI WOAH TAI MAXI ZEUT JULIA TINY KNEIL TYERS TUNA CHAP BEANS CERRO MIG BILLINGS WO	Unknown Skarn Pb-Zn Skarn W Skarn Pb-Zn Plutonic Related Au Orogenic Au Skarn W Skarn W Skarn W Skarn W Skarn W Sediment hosted Sedimentary Exhalative Zn-Pb-Ag (Sedex) Skarn W Volcanogenic Massive Sulphide (VMS) Besshi Cu-Zn Unknown Vein Polymetallic Ag-Pb-Zn±Au Vein Cu±Ag Quartz Porphyry Mo (Low F-Type) Skarn W Unknown Skarn W Unknown Skarn W Unknown Skarn W Skarn Pb-Zn	Unknown Prospect Showing Drilled Prospect Showing Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect United Prospect Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect Unknown Showing Showing Showing Unknown Showing Unknown Showing Unknown Showing Showing Showing	Copper, Zinc, Lead Gold, Arsenic Gold, Arsenic Copper, Silver, Tungsten, Zinc, Lead Copper, Silver, Tungsten Tungsten Tungsten Barite, Gypsum, Lead, Silver, Zinc, Copper Tungsten Copper, Gold, Silver, Zinc Copper, Gold, Silver, Zinc Copper, Silver, Zinc, Lead Copper Antimony, Gold, Silver, Tungsten, Molybdenum, Copper, Arsenic, Bismu Copper, Tungsten, Zinc, Lead Copper, Tungsten, Molybdenum Zinc Molybdenum, Tungsten Lead, Zinc
25H 055 25H 056 25H 057 25H 058 25H 059 25H 066 25H 067 25H 068 25H 070 25H 072 25H 073 25H 073 25H 075 25H 077 25H 078 25H 079 25H 080 25H 081 25H 081 25H 082 25H 083 25H	RICARDO ALM BUS MARKHAM 3ACE GOLDEN CULVERT SUSAN CALI WOAH TAI MAXI ZEUT JULIA TINY KNEIL TYERS TUNA CHAP BEANS CERRO MIG BILLINGS WO WE	Unknown Skarn Pb-Zn Skarn W Skarn Pb-Zn Plutonic Related Au Orogenic Au Skarn W Skarn W Skarn W Skarn W Skarn W Sediment hosted Sedimentary Exhalative Zn-Pb-Ag (Sedex) Skarn W Volcanogenic Massive Sulphide (VMS) Besshi Cu-Zn Unknown Vein Polymetallic Ag-Pb-Zn±Au Vein Cu±Ag Quartz Porphyry Mo (Low F-Type) Skarn W Unknown Skarn W Unknown Skarn W Unknown Skarn W	Unknown Prospect Showing Drilled Prospect Showing Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect Unknown Showing Showing Showing Unknown Showing Unknown Showing Showing Showing Unknown Showing Showing Showing Showing Unknown Showing Showing Unknown Showing Showing	Copper, Zinc, Lead Gold, Arsenic Gold, Arsenic Copper, Silver, Tungsten, Zinc, Lead Copper, Silver, Tungsten Tungsten Tungsten Barite, Gypsum, Lead, Silver, Zinc, Copper Tungsten Copper, Gold, Silver, Zinc Copper, Gold, Silver, Zinc Copper, Silver, Zinc, Lead Copper Antimony, Gold, Silver, Tungsten, Molybdenum, Copper, Arsenic, Bismu Copper, Tungsten, Zinc, Lead Copper, Tungsten, Molybdenum Zinc Molybdenum, Tungsten Lead, Zinc Lead, Zinc, Tungsten
25H 055 25H 056 25H 057 25H 058 25H 059 25H 066 25H 067 25H 068 25H 070 25H 072 25H 073 25H 075 25H 077 25H 078 25H 079 25H 080 25H 081 25H 081 25H 082 25H 083 25H	RICARDO ALM BUS MARKHAM 3ACE GOLDEN CULVERT SUSAN CALI WOAH TAI MAXI ZEUT JULIA TINY KNEIL TYERS TUNA CHAP BEANS CERRO MIG BILLINGS WO	Unknown Skarn Pb-Zn Skarn W Skarn Pb-Zn Plutonic Related Au Orogenic Au Skarn W Skarn W Skarn W Skarn W Skarn W Sediment hosted Sedimentary Exhalative Zn-Pb-Ag (Sedex) Skarn W Volcanogenic Massive Sulphide (VMS) Besshi Cu-Zn Unknown Vein Polymetallic Ag-Pb-Zn±Au Vein Cu±Ag Quartz Porphyry Mo (Low F-Type) Skarn W Unknown Skarn W Unknown Skarn W Unknown Skarn W Skarn Pb-Zn	Unknown Prospect Showing Drilled Prospect Showing Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect United Prospect Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect Unknown Showing Showing Showing Unknown Showing Unknown Showing Unknown Showing Showing Showing	Copper, Zinc, Lead Gold, Arsenic Gold, Arsenic Copper, Silver, Tungsten, Zinc, Lead Copper, Silver, Tungsten Tungsten Tungsten Barite, Gypsum, Lead, Silver, Zinc, Copper Tungsten Copper, Gold, Silver, Zinc Copper, Gold, Silver, Zinc Copper, Silver, Zinc, Lead Copper Antimony, Gold, Silver, Tungsten, Molybdenum, Copper, Arsenic, Bismu Copper, Tungsten, Zinc, Lead Copper, Tungsten, Molybdenum Zinc Molybdenum, Tungsten Lead, Zinc
25H 055 25H 056 25H 057 25H 058 25H 059 25H 066 25H 067 25H 068 25H 070 25H 072 25H 073 25H 075 25H 077 25H 078 25H 079 25H 080 25H 081 25H 081 25H 082 25H 081 25H 082 25H 083 25H 084 25H 085 25H	RICARDO ALM BUS MARKHAM 3ACE GOLDEN CULVERT SUSAN CALI WOAH TAI MAXI ZEUT JULIA TINY KNEIL TYERS TUNA CHAP BEANS CERRO MIG BILLINGS WO WE PINK	Unknown Skarn Pb-Zn Skarn W Skarn Pb-Zn Plutonic Related Au Orogenic Au Skarn W Skarn W Skarn W Skarn W Sediment hosted Sedimentary Exhalative Zn-Pb-Ag (Sedex) Skarn W Volcanogenic Massive Sulphide (VMS) Besshi Cu-Zn Unknown Vein Polymetallic Ag-Pb-Zn±Au Vein Cu±Ag Quartz Porphyry Mo (Low F-Type) Skarn W Unknown Skarn W Unknown Skarn W Unknown Skarn W Skarn Pb-Zn Skarn W Skarn Cu	Unknown Prospect Showing Drilled Prospect Showing Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect Unknown Showing Showing Showing Unknown Showing Unknown Showing Showing Showing Showing Unknown Showing	Copper, Zinc, Lead Gold, Arsenic Gold, Arsenic Copper, Silver, Tungsten, Zinc, Lead Copper, Silver, Tungsten Tungsten Tungsten Barite, Gypsum, Lead, Silver, Zinc, Copper Tungsten Copper, Gold, Silver, Zinc Copper, Silver, Zinc, Lead Copper Antimony, Gold, Silver, Tungsten, Molybdenum, Copper, Arsenic, Bismu Copper, Tungsten, Zinc, Lead Copper, Tungsten, Zinc, Lead Copper, Tungsten, Molybdenum Zinc Molybdenum, Tungsten Lead, Zinc Lead, Zinc, Tungsten Copper
25H 055 25H 056 25H 057 25H 058 25H 059 25H 066 25H 067 25H 068 25H 070 25H 072 25H 073 25H 075 25H 077 25H 078 25H 079 25H 080 25H 081 25H 082 25H 083 25H 084 25H 085 25H	RICARDO ALM BUS MARKHAM 3ACE GOLDEN CULVERT SUSAN CALI WOAH TAI MAXI ZEUT JULIA TINY KNEIL TYERS TUNA CHAP BEANS CERRO MIG BILLINGS WO WE PINK SHAN	Unknown Skarn Pb-Zn Skarn W Skarn Pb-Zn Plutonic Related Au Orogenic Au Skarn W Skarn W Skarn W Skarn W Sediment hosted Sedimentary Exhalative Zn-Pb-Ag (Sedex) Skarn W Volcanogenic Massive Sulphide (VMS) Besshi Cu-Zn Unknown Vein Polymetallic Ag-Pb-Zn±Au Vein Cu±Ag Quartz Porphyry Mo (Low F-Type) Skarn W Unknown Skarn W Unknown Skarn W Unknown Skarn W Skarn Pb-Zn Skarn W Skarn Pb-Zn Skarn W Skarn Cu Skarn Pb-Zn	Unknown Prospect Showing Drilled Prospect Showing Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect Unknown Showing Showing Showing Unknown Showing Unknown Showing	Copper, Zinc, Lead Gold, Arsenic Gold, Arsenic Copper, Silver, Tungsten, Zinc, Lead Copper, Silver, Tungsten Tungsten Tungsten Barite, Gypsum, Lead, Silver, Zinc, Copper Tungsten Copper, Gold, Silver, Zinc Copper, Gold, Silver, Zinc Copper, Silver, Zinc, Lead Copper Antimony, Gold, Silver, Tungsten, Molybdenum, Copper, Arsenic, Bismu Copper, Tungsten, Zinc, Lead Copper, Tungsten, Molybdenum Zinc Molybdenum, Tungsten Lead, Zinc Lead, Zinc, Tungsten Copper Lead, Zinc, Tungsten
25H 055 25H 056 25H 057 25H 058 25H 059 25H 066 25H 067 25H 068 25H 070 25H 072 25H 073 25H 075 25H 077 25H 078 25H 079 25H 080 25H 081 25H 082 25H 082 25H 083 25H 084 25H 085 25H 085 25H 086 25H 087 25H 089 25H 089 25H 089 25H 090 25H 090	RICARDO ALM BUS MARKHAM 3ACE GOLDEN CULVERT SUSAN CALI WOAH TAI MAXI ZEUT JULIA TINY KNEIL TYERS TUNA CHAP BEANS CERRO MIG BILLINGS WO WE PINK SHAN SEBASTIAN	Unknown Skarn Pb-Zn Skarn W Skarn Pb-Zn Plutonic Related Au Orogenic Au Skarn W Skarn W Skarn W Skarn W Sediment hosted Sedimentary Exhalative Zn-Pb-Ag (Sedex) Skarn W Volcanogenic Massive Sulphide (VMS) Besshi Cu-Zn Unknown Vein Polymetallic Ag-Pb-Zn±Au Vein Cu±Ag Quartz Porphyry Mo (Low F-Type) Skarn W Unknown Skarn W Unknown Skarn W Unknown Skarn W Skarn Pb-Zn Skarn W Skarn Pb-Zn Skarn Pb-Zn Skarn Pb-Zn Skarn Pb-Zn Skarn Pb-Zn	Unknown Prospect Showing Drilled Prospect Showing Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect Unknown Showing Showing Unknown Showing Unknown Showing Unknown Showing	Copper, Zinc, Lead Gold, Arsenic Gold, Arsenic Copper, Silver, Tungsten, Zinc, Lead Copper, Silver, Tungsten Tungsten Tungsten Barite, Gypsum, Lead, Silver, Zinc, Copper Tungsten Copper, Gold, Silver, Zinc Copper, Gold, Silver, Zinc Copper, Silver, Zinc, Lead Copper Antimony, Gold, Silver, Tungsten, Molybdenum, Copper, Arsenic, Bismu Copper, Tungsten, Zinc, Lead Copper, Tungsten, Molybdenum Zinc Molybdenum, Tungsten Lead, Zinc Lead, Zinc, Tungsten Copper Lead, Zinc, Tungsten Lead, Tungsten, Zinc
05H 055 05H 056 05H 057 05H 058 05H 059 05H 064 05H 067 05H 067 05H 072 05H 073 05H 075 05H 075 05H 075 05H 080 05H 081 05H 082 05H 082 05H 083 05H 084 05H 085 05H 085 05H 085 05H 085 05H 085 05H 089 05H 089 05H 090 05H 090 05H 090	RICARDO ALM BUS MARKHAM 3ACE GOLDEN CULVERT SUSAN CALI WOAH TAI MAXI ZEUT JULIA TINY KNEIL TYERS TUNA CHAP BEANS CERRO MIG BILLINGS WO WE PINK SHAN SEBASTIAN MT. BILLINGS	Unknown Skarn Pb-Zn Skarn W Skarn Pb-Zn Plutonic Related Au Orogenic Au Skarn W Skarn W Skarn W Skarn W Sediment hosted Sedimentary Exhalative Zn-Pb-Ag (Sedex) Skarn W Volcanogenic Massive Sulphide (VMS) Besshi Cu-Zn Unknown Vein Polymetallic Ag-Pb-Zn±Au Vein Cu±Ag Quartz Porphyry Mo (Low F-Type) Skarn W Unknown Skarn W Unknown Skarn W Unknown Skarn W Skarn Pb-Zn Skarn Cu Skarn Pb-Zn	Unknown Prospect Showing Drilled Prospect Showing Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect Unknown Showing Showing Showing Unknown Showing Unknown Showing	Copper, Zinc, Lead Gold, Arsenic Gold, Arsenic Copper, Silver, Tungsten, Zinc, Lead Copper, Silver, Tungsten Tungsten Tungsten Barite, Gypsum, Lead, Silver, Zinc, Copper Tungsten Copper, Gold, Silver, Zinc Copper, Gold, Silver, Zinc Copper, Silver, Zinc, Lead Copper Antimony, Gold, Silver, Tungsten, Molybdenum, Copper, Arsenic, Bismu Copper, Tungsten, Zinc, Lead Copper, Tungsten, Molybdenum Zinc Molybdenum, Tungsten Lead, Zinc Lead, Zinc, Tungsten Copper Lead, Zinc, Tungsten
05H 055 05H 056 05H 057 05H 058 05H 059 05H 064 05H 067 05H 067 05H 072 05H 073 05H 075 05H 075 05H 075 05H 080 05H 081 05H 082 05H 082 05H 083 05H 084 05H 085 05H 085 05H 085 05H 085 05H 085 05H 089 05H 089 05H 090 05H 090 05H 090	RICARDO ALM BUS MARKHAM 3ACE GOLDEN CULVERT SUSAN CALI WOAH TAI MAXI ZEUT JULIA TINY KNEIL TYERS TUNA CHAP BEANS CERRO MIG BILLINGS WO WE PINK SHAN SEBASTIAN MT. BILLINGS	Unknown Skarn Pb-Zn Skarn W Skarn Pb-Zn Plutonic Related Au Orogenic Au Skarn W Skarn W Skarn W Skarn W Sediment hosted Sedimentary Exhalative Zn-Pb-Ag (Sedex) Skarn W Volcanogenic Massive Sulphide (VMS) Besshi Cu-Zn Unknown Vein Polymetallic Ag-Pb-Zn±Au Vein Cu±Ag Quartz Porphyry Mo (Low F-Type) Skarn W Unknown Skarn W Unknown Skarn W Unknown Skarn W Skarn Pb-Zn Skarn W Skarn Pb-Zn Skarn Pb-Zn Skarn Pb-Zn Skarn Pb-Zn Skarn Pb-Zn	Unknown Prospect Showing Drilled Prospect Showing Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect Drilled Prospect Unknown Showing Showing Unknown Showing Unknown Showing Unknown Showing	Copper, Zinc, Lead Gold, Arsenic Gold, Arsenic Copper, Silver, Tungsten, Zinc, Lead Copper, Silver, Tungsten Tungsten Tungsten Barite, Gypsum, Lead, Silver, Zinc, Copper Tungsten Copper, Gold, Silver, Zinc Copper, Silver, Zinc, Lead Copper Antimony, Gold, Silver, Tungsten, Molybdenum, Copper, Arsenic, Bismu Copper, Tungsten, Zinc, Lead Copper, Tungsten, Molybdenum Zinc Molybdenum, Tungsten Lead, Zinc Lead, Zinc, Tungsten Copper Lead, Zinc, Tungsten Lead, Tungsten, Zinc Lead, Tungsten, Zinc Lead, Tungsten, Tungsten Lead, Tungsten, Tungsten Lead, Tungsten, Zinc
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25H 055 25H 056 25H 057 25H 058 25H 059 25H 066 25H 067 25H 068 25H 070 25H 072 25H 073 25H 075 25H 075 25H 078 25H 078 25H 080 25H 081 25H 082 25H 088 25H 088 25H 088 25H 088 25H 088 25H 088 25H 089 25H 089 25H 089 25H 090 25H	RICARDO ALM BUS MARKHAM 3ACE GOLDEN CULVERT SUSAN CALI WOAH TAI MAXI ZEUT JULIA TINY KNEIL TYERS TUNA CHAP BEANS CERRO MIG BILLINGS WO WE PINK SHAN SEBASTIAN MT. BILLINGS COME MCPHERSON	Unknown Skarn Pb-Zn Skarn W Skarn Pb-Zn Plutonic Related Au Orogenic Au Skarn W Skarn W Skarn W Skarn W Sediment hosted Sedimentary Exhalative Zn-Pb-Ag (Sedex) Skarn W Volcanogenic Massive Sulphide (VMS) Besshi Cu-Zn Unknown Vein Polymetallic Ag-Pb-Zn±Au Vein Cu±Ag Quartz Porphyry Mo (Low F-Type) Skarn W Unknown Skarn W Unknown Skarn W Unknown Skarn W Skarn Pb-Zn	Unknown Prospect Showing Drilled Prospect Showing Drilled Prospect Unknown Showing Showing Showing Unknown Showing Unknown Showing	Copper, Zinc, Lead Gold, Arsenic Gold, Arsenic Copper, Silver, Tungsten, Zinc, Lead Copper, Silver, Tungsten Tungsten Tungsten Barite, Gypsum, Lead, Silver, Zinc, Copper Tungsten Copper, Gold, Silver, Zinc Copper, Gold, Silver, Zinc Copper, Silver, Zinc, Lead Copper Antimony, Gold, Silver, Tungsten, Molybdenum, Copper, Arsenic, Bismu Copper, Tungsten, Zinc, Lead Copper, Tungsten, Molybdenum Zinc Molybdenum, Tungsten Lead, Zinc Lead, Zinc, Tungsten Copper Lead, Zinc, Tungsten Lead, Tungsten, Zinc Copper, Silver, Zinc, Lead
25H 055 25H 056 25H 057 25H 058 25H 059 25H 066 25H 067 25H 068 25H 070 25H 072 25H 073 25H 075 25H 075 25H 078 25H 078 25H 080 25H 081 25H 082 25H 082 25H 083 25H 084 25H 085 25H 085 25H 086 25H 089 25H 089 25H 090 25H	RICARDO ALM BUS MARKHAM 3ACE GOLDEN CULVERT SUSAN CALI WOAH TAI MAXI ZEUT JULIA TINY KNEIL TYERS TUNA CHAP BEANS CERRO MIG BILLINGS WO WE PINK SHAN SEBASTIAN MT. BILLINGS COME MCPHERSON TUS	Unknown Skarn Pb-Zn Skarn W Skarn Pb-Zn Plutonic Related Au Orogenic Au Skarn W Skarn W Skarn W Skarn W Sediment hosted Sedimentary Exhalative Zn-Pb-Ag (Sedex) Skarn W Volcanogenic Massive Sulphide (VMS) Besshi Cu-Zn Unknown Vein Polymetallic Ag-Pb-Zn±Au Vein Cu±Ag Quartz Porphyry Mo (Low F-Type) Skarn W Unknown Skarn W Unknown Skarn W Skarn Pb-Zn	Unknown Prospect Showing Drilled Prospect Showing Drilled Prospect Unknown Showing Showing Showing Unknown Showing Unknown Showing	Copper, Zinc, Lead Gold, Arsenic Gold, Arsenic Copper, Silver, Tungsten, Zinc, Lead Copper, Silver, Tungsten Tungsten Tungsten Barite, Gypsum, Lead, Silver, Zinc, Copper Tungsten Copper, Gold, Silver, Zinc Copper, Gold, Silver, Zinc Copper, Silver, Zinc, Lead Copper Antimony, Gold, Silver, Tungsten, Molybdenum, Copper, Arsenic, Bismu Copper, Tungsten, Zinc, Lead Copper, Tungsten, Molybdenum Zinc Molybdenum, Tungsten Lead, Zinc Lead, Zinc, Tungsten Copper Lead, Tungsten, Zinc Copper, Silver, Zinc, Lead Molybdenum, Tungsten
25H 055 25H 056 25H 057 25H 058 25H 059 25H 066 25H 067 25H 068 25H 070 25H 072 25H 073 25H 075 25H 075 25H 078 25H 078 25H 080 25H 081 25H 082 25H 082 25H 083 25H 084 25H 085 25H 085 25H 086 25H 089 25H 089 25H 090 25H	RICARDO ALM BUS MARKHAM 3ACE GOLDEN CULVERT SUSAN CALI WOAH TAI MAXI ZEUT JULIA TINY KNEIL TYERS TUNA CHAP BEANS CERRO MIG BILLINGS WO WE PINK SHAN SEBASTIAN MT. BILLINGS COME MCPHERSON TUS ANDERSON	Unknown Skarn Pb-Zn Skarn W Skarn Pb-Zn Plutonic Related Au Orogenic Au Skarn W Skarn W Skarn W Skarn W Sediment hosted Sedimentary Exhalative Zn-Pb-Ag (Sedex) Skarn W Volcanogenic Massive Sulphide (VMS) Besshi Cu-Zn Unknown Vein Polymetallic Ag-Pb-Zn±Au Vein Cu±Ag Quartz Porphyry Mo (Low F-Type) Skarn W Unknown Skarn W Unknown Skarn W Skarn Pb-Zn Skarn W Skarn Pb-Zn	Unknown Prospect Showing Drilled Prospect Showing Drilled Prospect Unknown Showing Showing Showing Unknown Showing Unknown Showing	Copper, Zinc, Lead Gold, Arsenic Gold, Arsenic Copper, Silver, Tungsten, Zinc, Lead Copper, Silver, Tungsten Tungsten Tungsten Barite, Gypsum, Lead, Silver, Zinc, Copper Tungsten Copper, Gold, Silver, Zinc Copper, Gold, Silver, Tungsten, Molybdenum, Copper, Arsenic, Bismu Copper, Tungsten, Zinc, Lead Copper, Tungsten, Molybdenum Zinc Molybdenum, Tungsten Lead, Zinc Lead, Zinc, Tungsten Copper Lead, Tungsten, Zinc Lead, Tungsten, Zinc, Lead Molybdenum, Tungsten Tungsten
25H 055 25H 056 25H 057 25H 058 25H 059 25H 066 25H 067 25H 068 25H 070 25H 072 25H 073 25H 075 25H 075 25H 078 25H 078 25H 080 25H 081 25H 082 25H 082 25H 083 25H 084 25H 085 25H 085 25H 086 25H 089 25H 089 25H 090 25H	RICARDO ALM BUS MARKHAM 3ACE GOLDEN CULVERT SUSAN CALI WOAH TAI MAXI ZEUT JULIA TINY KNEIL TYERS TUNA CHAP BEANS CERRO MIG BILLINGS WO WE PINK SHAN SEBASTIAN MT. BILLINGS COME MCPHERSON TUS	Unknown Skarn Pb-Zn Skarn W Skarn Pb-Zn Plutonic Related Au Orogenic Au Skarn W Skarn W Skarn W Skarn W Sediment hosted Sedimentary Exhalative Zn-Pb-Ag (Sedex) Skarn W Volcanogenic Massive Sulphide (VMS) Besshi Cu-Zn Unknown Vein Polymetallic Ag-Pb-Zn±Au Vein Cu±Ag Quartz Porphyry Mo (Low F-Type) Skarn W Unknown Skarn W Unknown Skarn W Skarn Pb-Zn	Unknown Prospect Showing Drilled Prospect Showing Drilled Prospect Unknown Showing Showing Showing Unknown Showing Unknown Showing	Copper, Zinc, Lead Gold, Arsenic Gold, Arsenic Copper, Silver, Tungsten, Zinc, Lead Copper, Silver, Tungsten Tungsten Tungsten Barite, Gypsum, Lead, Silver, Zinc, Copper Tungsten Copper, Gold, Silver, Zinc Copper, Gold, Silver, Zinc Copper, Silver, Zinc, Lead Copper Antimony, Gold, Silver, Tungsten, Molybdenum, Copper, Arsenic, Bismu Copper, Tungsten, Zinc, Lead Copper, Tungsten, Molybdenum Zinc Molybdenum, Tungsten Lead, Zinc Lead, Zinc, Tungsten Copper Lead, Zinc, Tungsten Lead, Tungsten, Zinc Lead, Tungsten, Tungsten Tungsten Tungsten
25H 055 25H 056 25H 057 25H 058 25H 059 25H 066 25H 067 25H 068 25H 070 25H 072 25H 073 25H 075 25H 075 25H 078 25H 078 25H 080 25H 081 25H 082 25H 083 25H 084 25H 085 25H 085 25H 086 25H 089 25H 089 25H 090 25H	RICARDO ALM BUS MARKHAM 3ACE GOLDEN CULVERT SUSAN CALI WOAH TAI MAXI ZEUT JULIA TINY KNEIL TYERS TUNA CHAP BEANS CERRO MIG BILLINGS WO WE PINK SHAN SEBASTIAN MT. BILLINGS COME MCPHERSON TUS ANDERSON	Unknown Skarn Pb-Zn Skarn W Skarn Pb-Zn Plutonic Related Au Orogenic Au Skarn W Skarn W Skarn W Skarn W Sediment hosted Sedimentary Exhalative Zn-Pb-Ag (Sedex) Skarn W Volcanogenic Massive Sulphide (VMS) Besshi Cu-Zn Unknown Vein Polymetallic Ag-Pb-Zn±Au Vein Cu±Ag Quartz Porphyry Mo (Low F-Type) Skarn W Unknown Skarn W Unknown Skarn W Skarn Pb-Zn Skarn W Skarn Pb-Zn	Unknown Prospect Showing Drilled Prospect Showing Drilled Prospect Unknown Showing Showing Showing Unknown Showing Unknown Showing	Copper, Zinc, Lead Gold, Arsenic Gold, Arsenic Copper, Silver, Tungsten, Zinc, Lead Copper, Silver, Tungsten Tungsten Tungsten Barite, Gypsum, Lead, Silver, Zinc, Copper Tungsten Copper, Gold, Silver, Zinc Copper, Gold, Silver, Zinc Copper, Silver, Zinc, Lead Copper Antimony, Gold, Silver, Tungsten, Molybdenum, Copper, Arsenic, Bismu Copper, Tungsten, Zinc, Lead Copper, Tungsten, Molybdenum Zinc Molybdenum, Tungsten Lead, Zinc Lead, Zinc, Tungsten Copper Lead, Zinc, Tungsten Lead, Tungsten, Zinc Lead, Tungsten, Tungsten Tungsten Tungsten
25H 055 25H 056 25H 057 25H 059 25H 064 25H 067 25H 067 25H 072 25H 072 25H 073 25H 075 25H 075 25H 075 25H 078 25H 078 25H 080 25H 081 25H 082 25H 082 25H 083 25H 084 25H 085 25H 090 25H	RICARDO ALM BUS MARKHAM 3ACE GOLDEN CULVERT SUSAN CALI WOAH TAI MAXI ZEUT JULIA TINY KNEIL TYERS TUNA CHAP BEANS CERRO MIG BILLINGS WO WE PINK SHAN SEBASTIAN MT. BILLINGS COME MCPHERSON TUS ANDERSON BROTEN	Unknown Skarn Pb-Zn Skarn W Skarn Pb-Zn Plutonic Related Au Orogenic Au Skarn W Skarn W Skarn W Skarn W Skarn W Sediment hosted Sedimentary Exhalative Zn-Pb-Ag (Sedex) Skarn W Volcanogenic Massive Sulphide (VMS) Besshi Cu-Zn Unknown Vein Polymetallic Ag-Pb-Zn±Au Vein Cu±Ag Quartz Porphyry Mo (Low F-Type) Skarn W Unknown Skarn W Unknown Skarn W Skarn Pb-Zn	Unknown Prospect Showing Drilled Prospect Showing Drilled Prospect Unknown Showing Showing Showing Unknown Showing Unknown Showing	Copper, Zinc, Lead Gold, Arsenic Gold, Arsenic Copper, Silver, Tungsten, Zinc, Lead Copper, Silver, Tungsten Tungsten Tungsten Barite, Gypsum, Lead, Silver, Zinc, Copper Tungsten Copper, Gold, Silver, Zinc Copper, Gold, Silver, Zinc Copper, Silver, Zinc, Lead Copper Antimony, Gold, Silver, Tungsten, Molybdenum, Copper, Arsenic, Bismu Copper, Tungsten, Zinc, Lead Copper, Tungsten, Molybdenum Zinc Molybdenum, Tungsten Lead, Zinc Lead, Zinc, Tungsten Copper Lead, Tungsten, Zinc Lead, Tungsten Tungsten Tungsten Tungsten
05H 055 05H 056 05H 057 05H 058 05H 059 05H 064 05H 067 05H 068 05H 070 05H 072 05H 073 05H 075 05H 078 05H 077 05H 088 05H 079 05H 088 05H 089 05H 089 05H 089 05H 090 05H 093	RICARDO ALM BUS MARKHAM 3ACE GOLDEN CULVERT SUSAN CALI WOAH TAI MAXI ZEUT JULIA TINY KNEIL TYERS TUNA CHAP BEANS CERRO MIG BILLINGS WO WE PINK SHAN SEBASTIAN MT. BILLINGS COME MCPHERSON TUS ANDERSON BROTEN	Unknown Skarn Pb-Zn Skarn W Skarn Pb-Zn Plutonic Related Au Orogenic Au Skarn W Skarn W Skarn W Skarn W Skarn W Sediment hosted Sedimentary Exhalative Zn-Pb-Ag (Sedex) Skarn W Volcanogenic Massive Sulphide (VMS) Besshi Cu-Zn Unknown Vein Polymetallic Ag-Pb-Zn±Au Vein Cu±Ag Quartz Porphyry Mo (Low F-Type) Skarn W Unknown Skarn W Unknown Skarn W Skarn Pb-Zn Skarn W Skarn Pb-Zn	Unknown Prospect Showing Drilled Prospect Showing Drilled Prospect Unknown Showing Showing Showing Unknown Showing Unknown Showing	Gold, Arsenic Gold, Arsenic Copper, Silver, Tungsten, Zinc, Lead Copper, Silver, Tungsten Tungsten Tungsten Barite, Gypsum, Lead, Silver, Zinc, Copper Tungsten Copper, Gold, Silver, Zinc Copper, Gold, Silver, Zinc Copper, Silver, Zinc, Lead Copper Antimony, Gold, Silver, Tungsten, Molybdenum, Copper, Arsenic, Bismu Copper, Tungsten, Zinc, Lead Copper, Tungsten, Molybdenum Zinc Molybdenum, Tungsten Lead, Zinc Lead, Zinc, Tungsten Copper Lead, Zinc, Tungsten Lead, Tungsten, Zinc Lead, Tungsten, Tungsten Tungsten Tungsten

RECOMMENDED CITATION

MACKIE, R., ARNE, D. AND PENNIMPEDE, C., 2015. Weighted sums model for Epithermal Au-Ag deposits levelled by geology. In: Enhanced interpretation of stream sediment geochemical data for NTS 105H. Yukon Geological Survey, Open File 2015-27, scale 1:250 000, sheet 2 of 15.

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 purchased 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.

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Weighted sums model for Epithermal Au-Ag deposits levelled by mapped geology (NTS 105H) Sheet 2 of 15

Rob Mackie, Dennis Arne,