

094856



**KLUANE DRILLING LTD.  
ASSESSMENT REPORT ON THE  
2007 DIAMOND DRILLING PROGRAM**

**ON**

**Bonzo Fr 72699**

**Cameron 75982**

**Heather 4 76500**

**And**

**Gin 29 YC18021**

**Claims**

**Whitehorse Copper Belt**

**April 28 to May 25, 2007**

**NTS 105 D/11**

**In the**

**Whitehorse Mining District  
Yukon Territory**

**Prepared by  
R. Stroshein, P.Eng.**

**November 30, 2007**

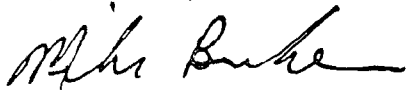
Costs associated with this report have been  
approved in the amount of \$ 62,700.00  
for assessment credit under Certificate of Work  
No. Q1028080

M. Sawtuck

Mining Recorder  
Whitehorse Mining District

094856

This report has been examined by  
the Geological Evaluation Unit  
under Section 53 (4) Yukon Quartz  
Mining Act and is allowed as  
representation work in the amount  
of \$ 62,700.00.



Regional Manager, Exploration and  
Geological Services for Commissioner  
of Yukon Territory.

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## 1. SUMMARY AND RECOMMENDATIONS

The 2007 diamond drilling program was designed to test a number of isolated targets on the north-central portion of the Whitehorse Copper Belt. The selected targets generally had limited prior exploration drilling and/or were "step-outs" on known mineralized zones. Weakly mineralized skarn zones were intersected at the Gin and Verona targets. The skarn zones yielded only trace amounts of copper, gold and molybdenum. The North Star target drilling did not intersect significant skarn mineralization. The drill hole did not intersect the footwall zone horizon of the mineralized host Lewes River Group limestone. The Grafter Zone drill hole was abandoned in overburden.

Further diamond drilling is recommended for all of the targets. Investigation into possible geophysical techniques and/or detailed mapping is also recommended.

## 2. INTRODUCTION

Kluane Drilling Ltd. completed a program of diamond drilling (five (5) holes totaling 740 meters) on four (4) exploration targets between April 27 and May 25, 2007. The targets occur over a distance of 10 kilometers on the northern end of the Whitehorse Copper Belt on the western edge of the Whitehorse Batholith. Figure 1 Location Map A total of 119 samples were analyzed for gold plus a multi-element ICP suite of elements including copper, molybdenum, silver, lead and zinc. The analyses were carried out by Eco-Tech Laboratories.

The drill holes included:

1.	Gin 07-05	Gin 29 claim	Gin Target
2.	VRN 07-01	Heather 4 claim	Verona Target
3.	VRN 07-02	Heather 4 claim	Verona Target
4.	NS 07-21	Cameron 1 claim	North Star Target
5.	GR 07-39	Bonzo claim	Grafter Target

## 3. CLAIM STATUS

The Whitehorse Copper Belt property owned or controlled by Kluane Drilling Ltd. consists of 169 claims and fractions in the Whitehorse Mining District, NTS 105 D/11 and 14. A complete listing of the claims and current status are included as appendix 2 of this report. The claim maps showing the claim distribution can be viewed on line at web site:

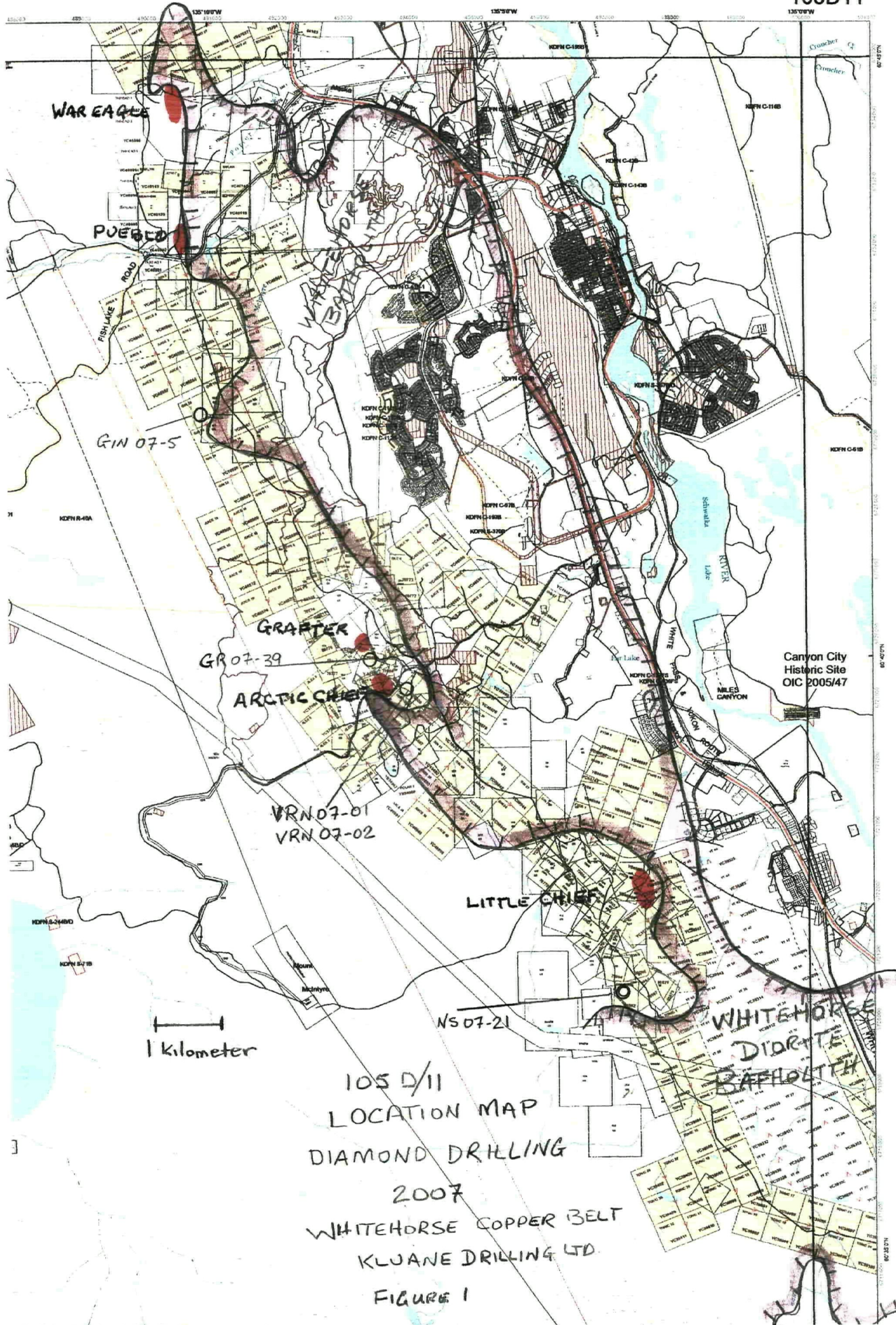
[Http://www.yukonminingrecorder.ca/PDFs/105/105D11.pdf](http://www.yukonminingrecorder.ca/PDFs/105/105D11.pdf)

## 4. PROPERTY, LOCATION AND ACCESS

The claims cover the northern portion of the Whitehorse Copper Belt that has past mining production from several deposits including the Little Chief, Arctic Chief, War Eagle, Pueblo and Grafter skarn copper deposits.

The claims are within the Whitehorse City Limits on the west and south of the Alaska Highway which traverses the city limits.

The claims are traversed by the old Whitehorse Copper Haul Road that carried ore from the War Eagle deposit near the northern end of the belt to the Mill located at the Little Chief mine near the center of the belt. A net work of roads still exists that provides access to all of the known occurrences and targets in this area



Canyon City  
Historic Site  
OIC 2005/47

1 kilometer

105 D/11  
 LOCATION MAP  
 DIAMOND DRILLING  
 2007  
 WHITEHORSE COPPER BELT  
 KLUANE DRILLING LTD.  
 FIGURE 1

## **5. HISTORY**

Copper mineralization was first discovered in 1897 on the Whitehorse Copper Belt as it became to be known. Exploration and mining development have been carried out intermittently since that time with the main production era lasting between 1967 and 1982 where production totaled 267,500,000 pounds copper, 225,000 ounces of gold and 2,838,000 ounces of silver from 11.1 million tons of mineralized skarn ore milled.

The list of references that is included with this report provide a more complete history of the property.

Kluane Drilling first acquired claims from Hudson Bay Exploration and Development Company Limited in 1998 and added claims since that time to include the current land position. Kluane Drilling has carried out limited programs on various targets since the acquisition that included, IP surveys, bulldozer trenching and diamond drilling

## **6. REGIONAL GEOLOGY**

The Whitehorse Copper Belt is located within the Whitehorse Trough, a structural/geological subdivision of the Intermontane Belt. The trough trends northwesterly through south central Yukon and is comprised of rocks that formed an Island Arch Complex that ranges from upper Paleozoic through Jurassic time period.

Within the Whitehorse Copper Belt, clastic and carbonate rocks of the Upper Triassic Lewes River Group and clastic rocks of the Lower Jurassic Laberge Group predominate. The copper bearing skarns occur over a length of 32 kilometers along the western flank of the Whitehorse Batholith, a Cretaceous diorite body of the Coast Plutonic Complex.

## **7. GEOLOGY OF THE SKARN DEPOSITS**

Ore bodies occur mainly within limestone of the Lewes River Group adjacent to or in proximity to the Whitehorse Batholith contact. Skarns commonly form within irregularities or pendants of the batholith. The most extensive ore zones are developed in coarsely crystalline limestones of the Lewes River Group near the contact with quartzite footwall rocks of the Laberge Group where the contact sup-parallel the diorite batholith contact.

Iron-rich magnetite skarns contain abundant serpentine, talc and chlorite. Calc-silicate skarns contain only minor magnetite and serpentine but are rich in garnet, tremolite, wollastonite, actinolite and diopside.

## **8. 2007 DIAMOND DRILLING PROGRAM**

Four separate targets were selected for diamond drill testing in 2007. The program consisted of five drill holes totaling 740 meters between April 28 and May 25, 2007. The diamond drilling was carried out by Kluane Drilling Ltd. utilizing a Hydra Core drill with thin-walled N drill rods (NTW core size).

A distribution summary of expenditures is included in this report as Appendix 3. Diamond drill logs are submitted in Appendix 4. Drill hole Assay sheets are submitted in Appendix 5 and the Eco Tech Assay Lab sheets are included in Appendix 6.

**Gin Claims Target**

Drill Hole GIN 07-05

UTM 6729166 N 490848 E Nad 83  
Drilling at -60° East to 150.3 meters depth

The drill hole targeted to intersect skarn zone between drill holes BC-48 and Gin 1 BC-48 intersected 11.6 meters of weakly mineralized garnet diopside skarn with minor magnetite and zone of specular hematite. One sample of 0.75 meters assayed 0.42 % copper, trace gold and 0.3 opt silver. Drill hole Gin - 1 intersected 20.4 meters of skarn. The upper 2.5 meters of the skarn zone assayed 10.97 % copper and 0.157 g/t gold. The two intersections are 110 meters apart. Drill hole GIN 07-05 was planned to test the area between the two previous intersections. Figure 2.

The drill hole intersected 17 meters of garnet chlorite epidote skarn from 111.6 to 18.4 meters down hole. The skarn contained traces of disseminated specular hematite but no visible sulphides.

**Verona Target**

Drill Hole VRN 07-01

UTM 6725322 N 494005 E Nad 83  
Drilling at -50° South to 166.1 meters depth

Drill Hole VRN 07-02

UTM 6725350 N 494035 E Nad 83  
Drilling at -50° South to 160 meters depth

The drill holes were designed to test the historic Verona showing that is located within the Arctic Chief pendant at an irregularity in the intrusive contact approximately 500 meters east of the Arctic Chief East open pit. The area was targeted from a proposed drill hole by Whitehorse Copper Mines in 1982 that was never drilled. Figure 3.

Drill hole VRN 07-01 collared in weak chlorite-sericite skarn with rare garnets. The drill hole persisted in limestone and feldspar porphyry dykes to depth without intersecting the limestone and diorite intrusive contact.

Drill hole VRN 07-02 was located behind and east of VRN 07-01 to test the upper portion of the skarn interval intersected in that hole and test the limestone diorite intrusive contact at depth. The diorite outcrops 63 meters south of the drill hole collar VRN 07-02. The drill hole collared in diorite and intersected chlorite epidote skarn with rare garnets from 12.3 meters to the 22 meter depth. The drill hole continued in limestone cross cut but numerous dykes with adjacent weak skarn zones.

**North Star Pendant Target**

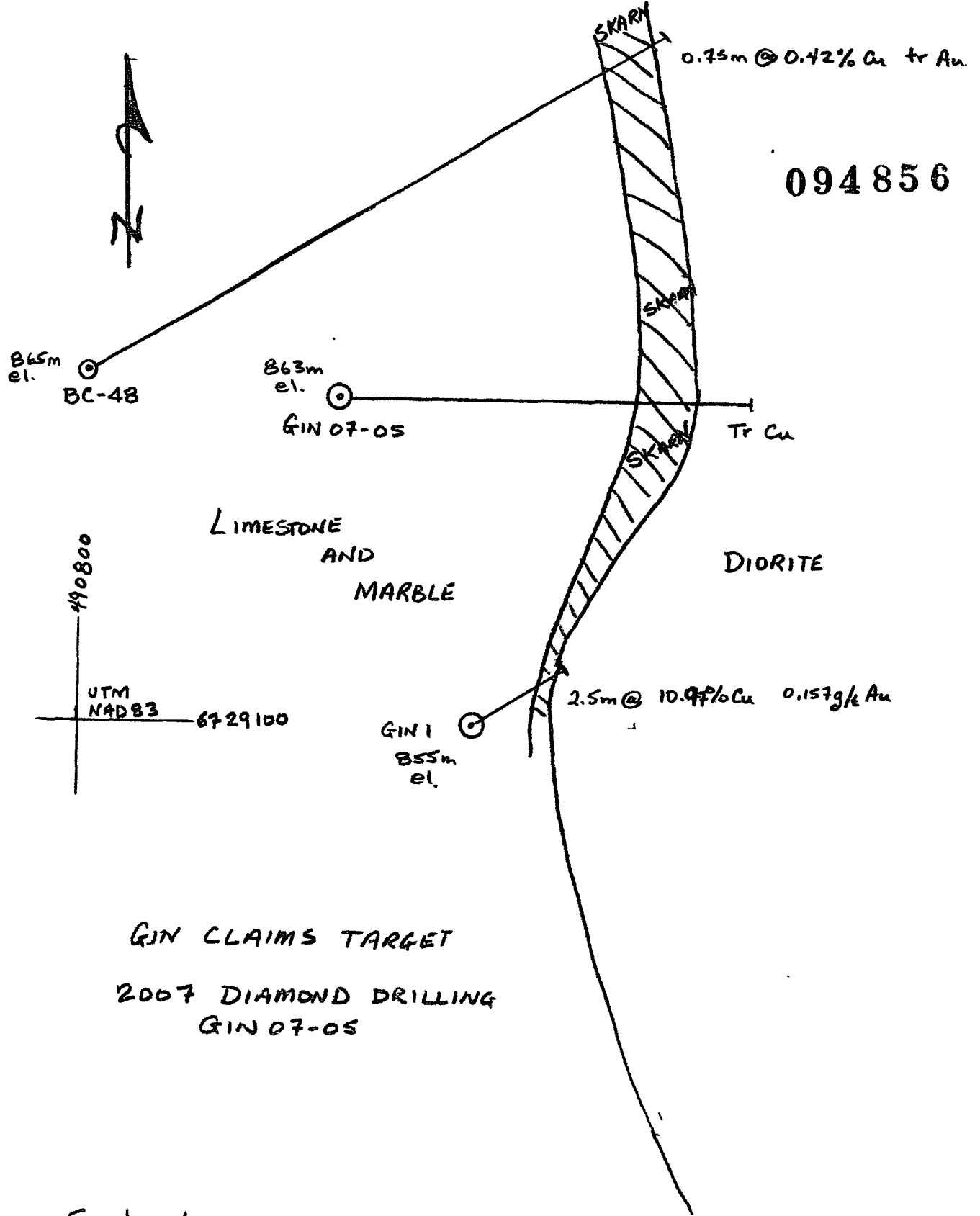
Drill Hole NS 07-21

UTM 6720545 N 497060 E Nad 83  
Drilling at -60° South to 228.5 meters depth

The drill hole was planned to test the southern contact zone of the North Star pendant. Figure 4. The hole was designed to test the potential for an up-dip extension of the main North Star mineralized skarn zone. The North Star zone is estimated to contain 800,000 tons grading 1.5 % copper. The zone is open in all directions with additional skarn zones in the hanging wall of the deposit. The zone is hosted by the Lewes River Group limestone that is overlain by meta-sedimentary rocks of the Aksala Formation.

Drill hole NS 07-21 intersected dioritized sediments of the Aksala Formation overlying the limestone horizon and was not deep enough to reach the target horizon. Weak epidote skarn bands were noted at several intervals.

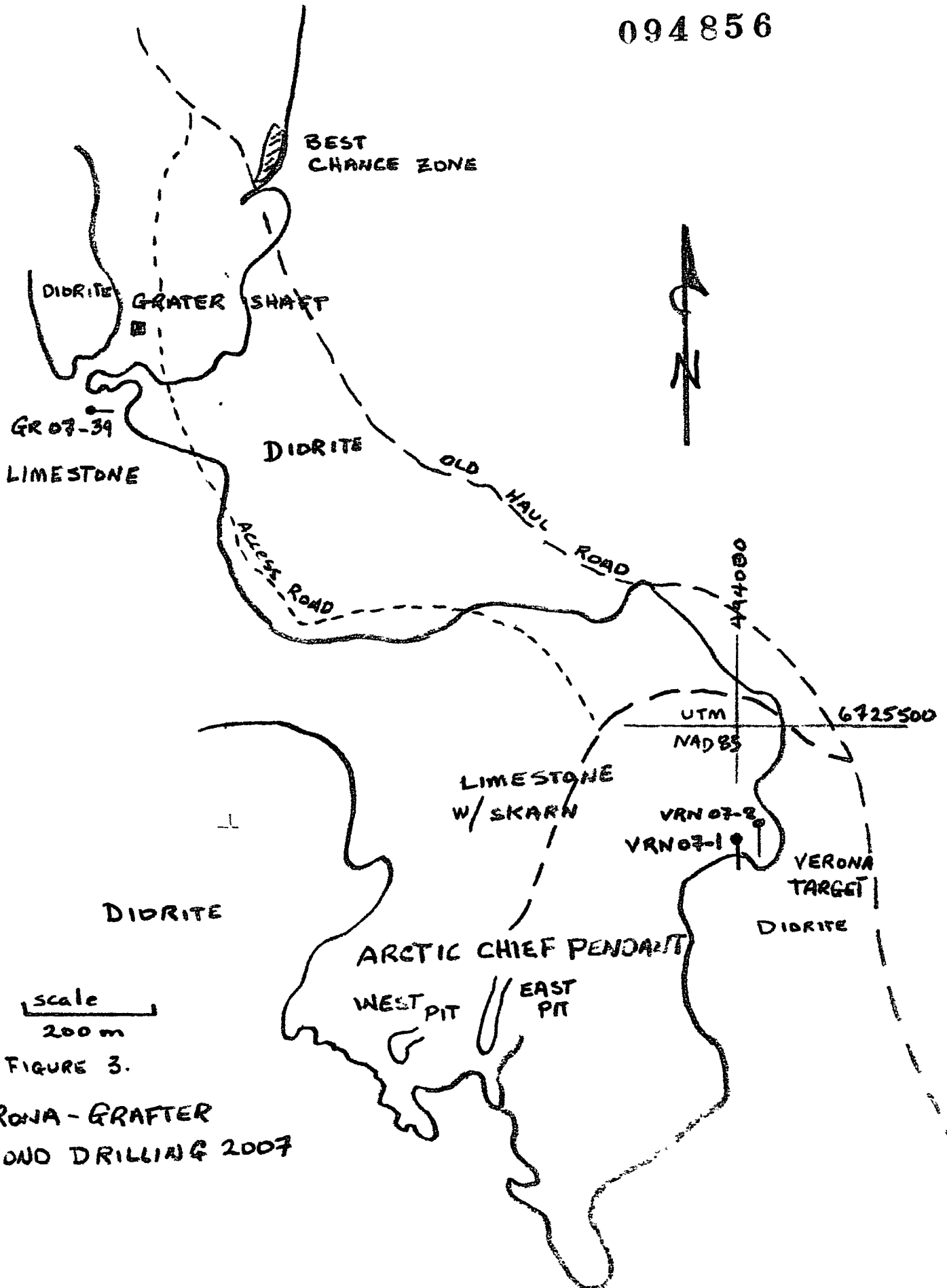
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Scale 1:100  
Figure 2.

BC-47

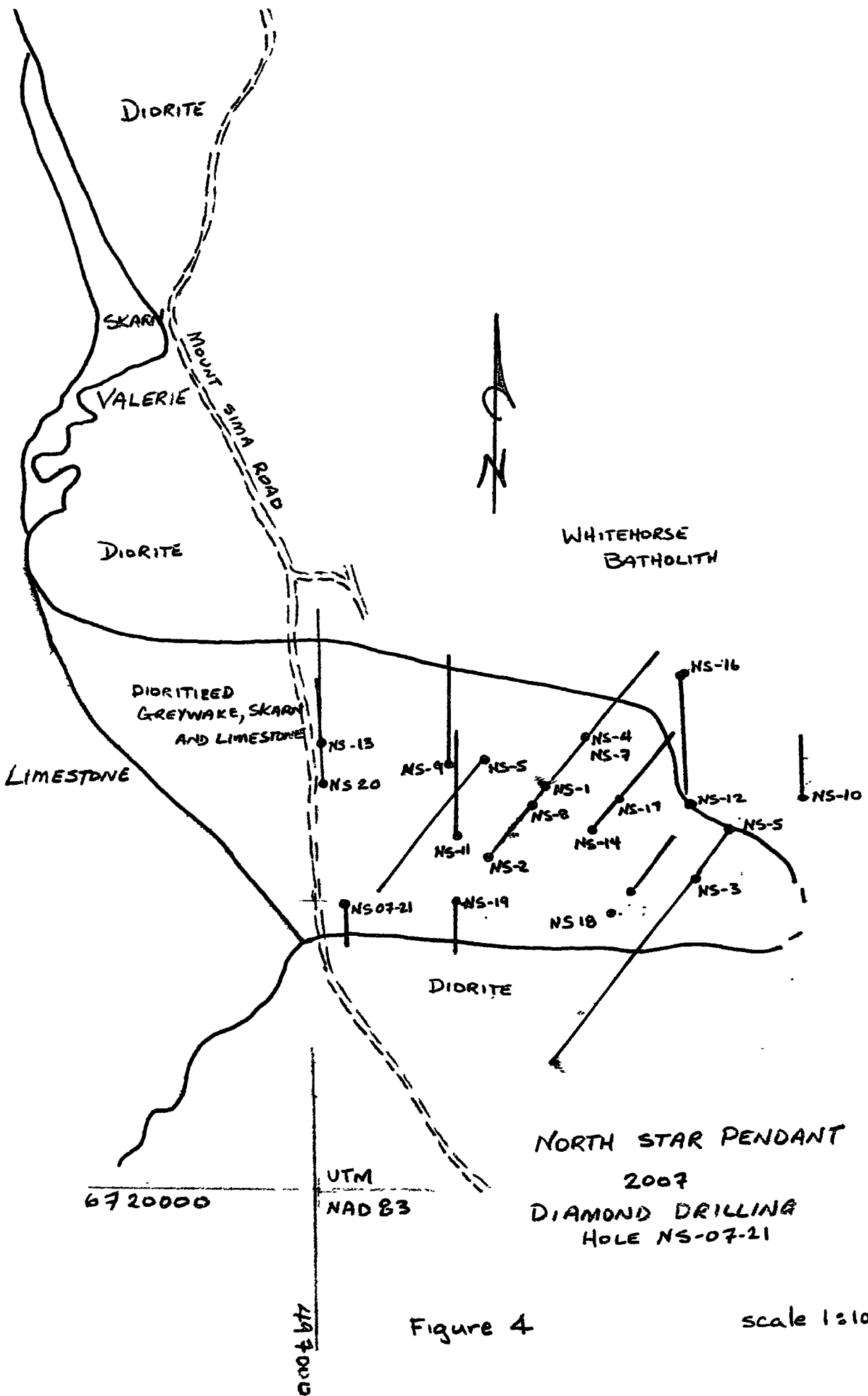
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scale  
200 m

FIGURE 3.

VERONA - GRAFTER  
DIAMOND DRILLING 2007



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**Grafter Zone Target**

Drill Hole GR 07-39

UTM 6725986 N 493217 E Nad 83  
Drilling at -50° East to 35.1 meters depth

The drill hole was planned to test a possible southerly extension of the Grafter zone. Figure 3 The 1987 diamond drill hole GR-24 intersected a four (4) meter interval of massive magnetite skarn at a shallow depth. The intersection contained only trace amounts of copper but indicated a possible southern extension of the Grafter deposit. GR 07-39 was planned to test the extension south and at a greater depth than the magnetite skarn in GR-24. The hole was abandoned under difficult drilling in overburden. Time constraints did not allow for a second attempt at this time.

**9. CONCLUSIONS AND DISCUSSION OF RESULTS – 2007 DIAMOND DRILLING**

**Gin Claims Target**

The drilling encountered weakly mineralized skarn between the two previous skarn intersections. The skarn zone is consistently along the diorite footwall contact. The area is deeply covered with overburden and therefore will require more sophisticated geophysical surveys (possibly IP or gravimetric) to delineate the limestone-diorite contact along strike and depth. The presence of high grade copper in drill Hole GIN – 1 may indicate more favorable host rock stratigraphy and/or proximity of the diorite more closely paralleling the stratigraphy.

Further diamond drilling is required to complete any geophysical interpretation and to map the bedrock geology along strike and to depth.

**Verona Target**

The drill holes were directed towards the outcrop contact zone between sediments and diorite. Although the diorite outcrops within 50 meters of the drill hole collars the diorite was not intersected at depth. Detailed mapping is recommended to determine the appropriate orientation for further drilling.

**North Star Pendant Target**

The drill hole failed to intersect the favorable host stratigraphy for the footwall skarn zone intersected at depth in the northeastern portion of the pendant. The hole did locate the favorable diorite contact in this area of the pendant. It is recommended to test the deeper level of the pendant in this area. Steeply dipping drill holes are required.

**Grafter Target**

Failure to reach bedrock and complete the drill hole has resulted in the target remaining untested. It is recommended to complete this drill hole in the next phase of diamond drilling on the property.

## **10. LIST OF REFERENCES**

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Dobrowolsky, H., Ingram, R , 1993, A History of the Whitehorse Copper Belt. Department of Indian and Northern Affairs Canada, Open File 1993-1, 31p.

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APPENDIX 1

STATEMENT OF QUALIFICATIONS

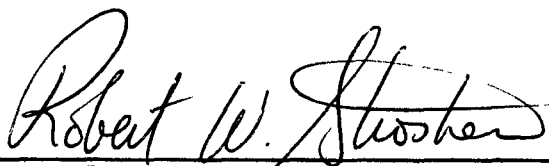
ROBERT W. STROSHEIN P.ENG.

I, Robert W. Stroshein of the City of Whitehorse, Yukon Territory, hereby certify that:

1. I am a Professional Engineer registered (No. 1165) as a member of the Association of Professional Engineers of Yukon Territory.
2. I graduated from the University of Saskatchewan at Saskatoon, Saskatchewan in 1973 with a Bachelor of Science Degree in Geological Engineering.
3. I have been actively engaged as an Exploration Geologist in the Mineral Industry in Western Canada since graduation. This included a number of exploration programs on the Whitehorse Copper Belt for Hudson Bay Exploration, Company Limited and Kluane Drilling Ltd.
4. I have planned, supervised and reported on the exploration on the Whitehorse Copper Belt Project for Kluane Drilling Ltd. in 2007
5. My business and residential mailing address is:

Box 10559  
Whitehorse, Yukon Territory  
Y1A 7A1

Signed,

  
Robert W. Stroshein, P.Eng.

November 30, 2007

**APPENDIX 2**

**CLAIM STATUS**

Kluane Drilling - Whitehorse Copper Belt Claims Listin

April 1, 2007

Claim Name	Claim No.	Grant Pre	Grant No.	Expiry Date	Lease No.
Zircon	2		64183	11-Nov-14	
Bonzo			72699	1-Jan-08	
Bornite	1		73783	11-Nov-14	
Bornite	2		73784	11-Nov-14	
Oro	1		73893	3-Mar-13	3528
Oro	2		73894	3-Mar-13	3529
Oro	3		73895	3-Mar-13	3530
Oro	4		73896	3-Mar-13	3531
Oro	5		73897	3-Mar-13	3532
Zircon	4		74157	11-Nov-14	
Emily	1		75709	1-Jan-08	
Emily	2		75710	1-Jan-08	
Gladys	3		75711	1-Jan-08	
Gladys	4		75712	1-Jan-08	
Cameron	1		75982	1-Jan-08	
Bob	3		76094	1-Jan-08	
Bob	5		76096	1-Jan-08	
Bob	6		76097	1-Jan-08	
Margaret	1		76178	1-Jan-08	
Dorothy	2		76179	1-Jan-08	
Betty	3		76180	1-Jan-08	
Tess	1		76395	1-Jan-08	
Tess	2		76396	1-Jan-08	
Tess	3		76397	1-Jan-08	
Tess	4		76398	1-Jan-08	
Ken	1		76403	1-Jan-08	
Heather	1		76497	1-Jan-09	
Heather	2		76498	1-Jan-09	
Heather	3		76499	1-Jan-09	
Heather	4		76500	1-Jan-09	
Bill	1		76770	1-Jan-08	
Bill	2		76771	1-Jan-08	
Bill	3		76772	1-Jan-08	
Bill	4		76773	1-Jan-08	
Bill	5		76774	1-Jan-08	
Bill	6		76775	1-Jan-08	
Bill	7		76776	1-Jan-08	
Bill	8		76777	1-Jan-08	
Peter	1		76778	3-Mar-13	3533
Peter	2		76779	3-Mar-13	3534
Parke	1		77664	1-Jan-08	
Parke	2		77665	1-Jan-08	
Parke	3		77666	1-Jan-08	
Ley	1		82027	1-Jan-08	
Ley	2		82028	1-Jan-08	
Ley	3		82029	1-Jan-08	
Ley	4		82030	1-Jan-08	
Pitt	4		85088	1-Jan-08	
Jan	1		85566	1-Jan-08	
Peter	1		85743	3-Mar-13	3535
Peter	2		85744	3-Mar-13	3536
Emidel	12		91827	1-Jan-08	
Emidel	13		91828	1-Jan-08	

Kluane Drilling - Whitehorse Copper Belt Claims Listin

April 1, 2007

Claim Name	Claim No.	Grant Pre	Grant No.	Expiry Date	Lease No.
Emidel	14		91829	1-Jan-08	
Parke	4 Y		12210	1-Jan-08	
Pitt	5 Y		20334	1-Jan-08	
Tess	7 Y		29677	1-Jan-08	
Tess	8 Y		29678	1-Jan-08	
Bill	9 Y		52111	1-Jan-08	
Bill	10 Y		52112	1-Jan-08	
Bill	11 Y		52113	1-Jan-08	
Parke	5 Y		52114	1-Jan-08	
Emily	3 Y		52115	1-Jan-08	
Emily	4 Y		52116	1-Jan-08	
Hat	1 YB		57537	11-Nov-14	
Hat	2 YB		57538	11-Nov-14	
Hat	3 YB		57539	11-Nov-14	
Hat	4 YB		57540	11-Nov-14	
Hat	5 YB		57541	11-Nov-14	
Hat	6 YB		57542	11-Nov-14	
Hat	7 YB		57543	11-Nov-14	
Hat	8 YB		57544	11-Nov-14	
Hat	9 YB		57545	11-Nov-14	
Hat	10 YB		57546	11-Nov-14	
Hat	11 YB		57547	11-Nov-14	
Hat	12 YB		57548	11-Nov-14	
Hat	13 YB		57549	11-Nov-14	
Hat	14 YB		57550	11-Nov-14	
Hat	15 YB		57551	11-Nov-14	
Hat	16 YB		57552	11-Nov-14	
Hat	17 YB		57553	11-Nov-14	
Hat	18 YB		57554	11-Nov-14	
Hat	19 YB		57555	11-Nov-14	
Hat	20 YB		57556	11-Nov-14	
Hat	21 YB		58021	11-Nov-16	
Hat	22 YB		58022	11-Nov-16	
Hat	23 YB		58023	11-Nov-16	
Hat	24 YB		58024	11-Nov-16	
Hat	25 YB		58025	11-Nov-16	
Hat	26 YB		58026	11-Nov-16	
Hat	27 YB		58049	11-Nov-16	
Hat	28 YB		58050	11-Nov-16	
Hat	29 YB		58051	11-Nov-16	
Hat	30 YB		58052	11-Nov-16	
Hat	31 YB		58053	11-Nov-16	
Hat	32 YB		58054	11-Nov-16	
Hat	33 YB		58055	11-Nov-16	
Hat	34 YB		58056	11-Nov-16	
Hat	35 YB		58139	11-Nov-15	
Hat	36 YB		58140	11-Nov-15	
Hat	37 YB		66395	11-Nov-14	
Hat	38 YB		66396	11-Nov-14	
Hat	39 YB		66397	11-Nov-14	
Hat	40 YB		66398	11-Nov-14	
Gin	21 YC		8842	2-Dec-07	
Gin	22 YC		8843	2-Dec-07	

Claim Name	Claim No.	Grant Pre	Grant No.	Expiry Date	Lease No.
Gin	23	YC	8844	2-Dec-07	
Gin	24	YC	8845	2-Dec-07	
Gin	25	YC	8846	2-Dec-07	
Gin	26	YC	8847	2-Dec-07	
Gin	27	YC	8848	2-Dec-07	
Gin	28	YC	8849	2-Dec-07	
Gin	1	YC	8850	3-Jul-07	
Gin	2	YC	8851	3-Jul-07	
Gin	3	YC	8852	3-Jul-07	
Gin	4	YC	8853	3-Jul-07	
Gin	5	YC	8854	3-Jul-07	
Gin	6	YC	8855	3-Jul-07	
Gin	7	YC	8856	3-Jul-07	
Gin	8	YC	8857	3-Jul-07	
Gin	9	YC	8858	3-Jul-07	
Gin	10	YC	8859	3-Jul-07	
Gin	11	YC	8860	3-Jul-07	
Gin	12	YC	8861	3-Jul-07	
Gin	13	YC	8862	3-Jul-07	
Gin	14	YC	8863	3-Jul-07	
Gin	15	YC	8864	3-Jul-07	
Gin	16	YC	8865	3-Jul-07	
Gin	17	YC	8866	3-Jul-07	
Gin	18	YC	8867	3-Jul-07	
Gin	19	YC	8868	3-Jul-07	
Gin	20	YC	8869	3-Jul-07	
Gin	29	YC	18021	20-Jul-07	
Gin	30	YC	18022	20-Jul-07	
Gin	31	YC	18023	20-Jul-07	
Gin	32	YC	18024	20-Jul-07	
Gin	33	YC	18025	27-Jul-07	
Gin	34	YC	18026	27-Jul-07	
Hat	41	YC	18449	11-Nov-14	
Hat	42	YC	18450	11-Nov-14	
Hat	43	YC	18451	11-Nov-14	
Hat	44	YC	18452	11-Nov-14	
Hat	47	YC	18853	11-Nov-20	
Hat	48	YC	18854	11-Nov-20	
Hat	45	YC	18695	11-Nov-14	
Hat	46	YC	18696	11-Nov-14	
Gin	37	YC	19484	4-Jun-13	
Gin	38	YC	19485	4-Jun-14	
Gin	39	YC	19486	4-Jun-10	
Gin	40	YC	19487	4-Jun-10	
Gin	41	YC	19488	4-Jun-10	
Gin	42	YC	19489	4-Jun-10	
Gin	43	YC	19490	4-Jun-10	
Gin	44	YC	19491	4-Jun-10	
Gin	45	YC	19492	12-Jun-09	
Gin	46	YC	19493	12-Jun-09	
Gin	47	YC	19494	12-Jun-09	
Gin	48	YC	19495	12-Jun-09	
Howard	1	YC	37796	29-Dec-07	

Claim Name	Claim No.	Grant Pre	Grant No.	Expiry Date
Howard	2	YC	37797	29-Dec-07
Alex	1	YC	37798	29-Dec-07
Alex	2	YC	37799	29-Dec-07
Alex	3	YC	37800	29-Dec-07
Alex	4	YC	37801	29-Dec-07
Alex	5	YC	37802	29-Dec-07
Alex	6	YC	37803	29-Dec-07
Alex	7	YC	37804	29-Dec-07
Alex	8	YC	37805	29-Dec-07
Tonic	1	YC	39077	1-Jan-08
Tonic	2	YC	39078	22-Feb-08
Tonic	3	YC	39079	22-Feb-08
Tonic	4	YC	39080	22-Feb-08
Tonic	5	YC	39081	22-Feb-08
Tonic	6	YC	39082	22-Feb-08
Tonic	7	YC	39083	22-Feb-08
Tonic	8	YC	39084	22-Feb-08
Tonic	9	YC	39085	22-Feb-08
Tonic	10	YC	39086	22-Feb-08
Tonic	11	YC	39087	22-Feb-08
Tonic	12	YC	39088	22-Feb-08
Tonic	13	YC	39089	22-Feb-08
Tonic	14	YC	39090	22-Feb-08
Tonic	15	YC	39091	22-Feb-08
Tonic	16	YC	39092	22-Feb-08
Tonic	17	YC	39093	22-Feb-08
Tonic	18	YC	39094	22-Feb-08
Tonic	19	YC	39095	22-Feb-08
Tonic	20	YC	39096	22-Feb-08
Tonic	21	YC	39097	22-Feb-08
Tonic	22	YC	39098	22-Feb-08
Tonic	23	YC	39099	22-Feb-08
Tonic	24	YC	39100	22-Feb-08
Tonic	25	YC	39101	22-Feb-08
Tonic	26	YC	39102	22-Feb-08
Tonic	27	YC	39406	8-Jun-07
Tonic	28	YC	39407	8-Jun-07
Tonic	29	YC	39408	8-Jun-07
Tonic	30	YC	39409	8-Jun-07
Tonic	31	YC	39410	8-Jun-07
Tonic	32	YC	39411	8-Jun-07
Ata	79	YC	40198	26-Sep-07
Juice	1	YC	46556	16-Mar-08
Juice	2	YC	46557	16-Mar-08
Juice	3	YC	46558	16-Mar-08
Juice	4	YC	46559	16-Mar-08
Juice	5	YC	46560	16-Mar-08
Juice	6	YC	46561	16-Mar-08
Juice	7	YC	46562	16-Mar-08
Juice	8	YC	46563	16-Mar-08
Juice	9	YC	46564	16-Mar-08
Juice	10	YC	46565	16-Mar-08
Juice	11	YC	46566	16-Mar-08

Claim Name	Claim No.	Grant Pre	Grant No.	Expiry Date
Juice	12	YC	46567	16-Mar-08
Juice	13	YC	46568	16-Mar-08
Juice	14	YC	46569	16-Mar-08
Juice	15	YC	46570	16-Mar-08
Juice	16	YC	46571	16-Mar-08
Juice	17	YC	46572	16-Mar-08
Juice	18	YC	46573	16-Mar-08
Juice	19	YC	46574	16-Mar-08
Juice	20	YC	46575	16-Mar-08
Juice	21	YC	46576	16-Mar-08
Juice	22	YC	46577	16-Mar-08
Juice	23	YC	46578	16-Mar-08
Juice	24	YC	46579	16-Mar-08
Juice	25	YC	46580	16-Mar-08
Juice	26	YC	46581	16-Mar-08
Juice	27	YC	46582	16-Mar-08
Juice	28	YC	46583	16-Mar-08
Juice	29	YC	46584	16-Mar-08
Juice	30	YC	46585	16-Mar-08
Juice	31	YC	46586	16-Mar-08
Juice	32	YC	46587	16-Mar-08
Juice	33	YC	46588	16-Mar-08
Juice	34	YC	46589	16-Mar-08
Juice	37	YC	46592	16-Mar-08
Juice	38	YC	46593	16-Mar-08
Juice	39	YC	46594	16-Mar-08
Juice	40	YC	46595	16-Mar-08
Jack	1	YC	54444	5-Dec-07

Attachment  
Claim Renewal Requested

Claim Name	Claim No.	Grant Pre	Grant No.	Expiry Date	Grouping No.	Renew Yrs	Renew Date	
Bonzo			72699	1-Jan-08	5	4	1-Jan-12	
Emily	1		75709	1-Jan-08	4	3	1-Jan-11	
Emily	2		75710	1-Jan-08	4	3	1-Jan-11	
Gladys	3		75711	1-Jan-08	3	3	1-Jan-11	
Gladys	4		75712	1-Jan-08	3	3	1-Jan-11	
Cameron	1		75982	1-Jan-08	10-11-12-13	5	1-Jan-13	
Bob	3		76094	1-Jan-08	10	5	1-Jan-13	
Bob	5		76096	1-Jan-08	10	5	1-Jan-13	
Bob	6		76097	1-Jan-08	10-11-12-13	5	1-Jan-13	
Margaret	1		76178	1-Jan-08	10	5	1-Jan-13	
Dorothy	2		76179	1-Jan-08	10	5	1-Jan-13	
Betty	3		76180	1-Jan-08	10	5	1-Jan-13	
Tess	1		76395	1-Jan-08	6	4	1-Jan-12	
Tess	2		76396	1-Jan-08	6	4	1-Jan-12	
Tess	3		76397	1-Jan-08	3	3	1-Jan-11	
Tess	4		76398	1-Jan-08	3	3	1-Jan-11	
Ken	1		76403	1-Jan-08	6	4	1-Jan-12	
Heather	1		76497	1-Jan-09	9	4	1-Jan-13	
Heather	2		76498	1-Jan-09	7 - 8	4	1-Jan-13	
Heather	3		76499	1-Jan-09	9	4	1-Jan-13	
Heather	4		76500	1-Jan-09	6-7-8-9	4	1-Jan-13	
Bill	1		76770	1-Jan-08	6	4	1-Jan-12	
Bill	2		76771	1-Jan-08	6	4	1-Jan-12	
Bill	3		76772	1-Jan-08	7	4	1-Jan-12	
Bill	4		76773	1-Jan-08	7	4	1-Jan-12	
Bill	5		76774	1-Jan-08	5	3	1-Jan-11	
Bill	6		76775	1-Jan-08	5	3	1-Jan-11	
Bill	7		76776	1-Jan-08	5	3	1-Jan-11	
Bill	8		76777	1-Jan-08	5	3	1-Jan-11	
Parke	1		77664	1-Jan-08	6	4	1-Jan-12	
Parke	2		77665	1-Jan-08	6 - 8	4	1-Jan-12	
Parke	3		77666	1-Jan-08	6	4	1-Jan-12	
Ley	1		82027	1-Jan-08	6	4	1-Jan-12	
Ley	2		82028	1-Jan-08	6	4	1-Jan-12	
Ley	3		82029	1-Jan-08	6	4	1-Jan-12	
Ley	4		82030	1-Jan-08	6	4	1-Jan-12	
Pitt	4		85088	1-Jan-08	8	4	1-Jan-12	
Jan	1		85566	1-Jan-08	3	3	1-Jan-11	
Emidel	12		91827	1-Jan-08	10-11-12-13	5	1-Jan-13	
Emidel	13		91828	1-Jan-08	10-11-12-13	5	1-Jan-13	
Emidel	14		91829	1-Jan-08	10-11-12-13	5	1-Jan-13	
Parke	4 Y		12210	1-Jan-08	6	4	1-Jan-12	
Pitt	5 Y		20334	1-Jan-08	8	4	1-Jan-12	
Tess	7 Y		29677	1-Jan-08	3	3	1-Jan-11	
Tess	8 Y		29678	1-Jan-08	3	3	1-Jan-11	
Bill	9 Y		52111	1-Jan-08	5	3	1-Jan-11	
Bill	10 Y		52112	1-Jan-08	5	3	1-Jan-11	
Bill	11 Y		52113	1-Jan-08	5	3	1-Jan-11	
Parke	5 Y		52114	1-Jan-08	6	4	1-Jan-12	
Emily	3 Y		52115	1-Jan-08	4	3	1-Jan-11	
Emily	4 Y		52116	1-Jan-08	4	3	1-Jan-11	
Gin	21 YC		8842	2-Dec-07	8	5	2-Dec-12	
Gin	22 YC		8843	2-Dec-07	9	5	2-Dec-12	
Gin	23 YC		8844	2-Dec-07	9	5	2-Dec-12	
Gin	24 YC		8845	2-Dec-07	9	5	2-Dec-12	
Gin	25 YC		8846	2-Dec-07	9	5	2-Dec-12	
Gin	26 YC		8847	2-Dec-07	9	5	2-Dec-12	
Gin	27 YC		8848	2-Dec-07	9	5	2-Dec-12	
Gin	28 YC		8849	2-Dec-07	9	5	2-Dec-12	
Gin	1 YC		8850	3-Jul-07	1	3.5	3-Jan-11	Common

Attachment  
Claim Renewal Requested

Claim Name	Claim No.	Grant Pre	Grant No.	Expiry Date	Grouping No.	Renew Yrs	Renew Date	
Gin	2	YC	8851	3-Jul-07	1	3.5	3-Jan-11	Common
Gin	3	YC	8852	3-Jul-07	1	3.5	3-Jan-11	Common
Gin	4	YC	8853	3-Jul-07	1	3.5	3-Jan-11	Common
Gin	5	YC	8854	3-Jul-07	2	3.5	3-Jan-11	Common
Gin	6	YC	8855	3-Jul-07	1	3.5	3-Jan-11	Common
Gin	7	YC	8856	3-Jul-07	2	3.5	3-Jan-11	Common
Gin	8	YC	8857	3-Jul-07	1	3.5	3-Jan-11	Common
Gin	9	YC	8858	3-Jul-07	2	3.5	3-Jan-11	Common
Gin	10	YC	8859	3-Jul-07	1	3.5	3-Jan-11	Common
Gin	11	YC	8860	3-Jul-07	2	3.5	3-Jan-11	Common
Gin	12	YC	8861	3-Jul-07	2	3.5	3-Jan-11	Common
Gin	13	YC	8862	3-Jul-07	2	3.5	3-Jan-11	Common
Gin	14	YC	8863	3-Jul-07	2	3.5	3-Jan-11	Common
Gin	15	YC	8864	3-Jul-07	3	3.5	3-Jan-11	Common
Gin	16	YC	8865	3-Jul-07	3	3.5	3-Jan-11	Common
Gin	17	YC	8866	3-Jul-07	3	3.5	3-Jan-11	Common
Gin	18	YC	8867	3-Jul-07	3	3.5	3-Jan-11	Common
Gin	19	YC	8868	3-Jul-07	3	2.5	3-Jan-10	Common
Gin	20	YC	8869	3-Jul-07	3	2.5	3-Jan-10	Common
Gin	29	YC	18021	20-Jul-07	1 - 4	2.5	20-Jan-10	Common
Gin	30	YC	18022	20-Jul-07	3 - 4	2.5	20-Jan-10	Common
Gin	31	YC	18023	20-Jul-07	2	2.5	20-Jan-10	Common
Gin	32	YC	18024	20-Jul-07	2	2.5	20-Jan-10	Common
Gin	33	YC	18025	27-Jul-07	4	2.5	27-Jan-10	Common
Gin	34	YC	18026	27-Jul-07	3 - 4	2.5	27-Jan-10	Common
Gin	45	YC	19492	12-Jun-09	9	4	12-Jun-13	
Gin	46	YC	19493	12-Jun-09	9	4	12-Jun-13	
Gin	47	YC	19494	12-Jun-09	8	4	12-Jun-13	
Gin	48	YC	19495	12-Jun-09	8	4	12-Jun-13	
Howard	1	YC	37796	29-Dec-07	10	5	29-Dec-12	
Howard	2	YC	37797	29-Dec-07	10	5	29-Dec-12	
Alex	1	YC	37798	29-Dec-07	5	2	29-Dec-09	
Alex	2	YC	37799	29-Dec-07	5	2	29-Dec-09	
Alex	3	YC	37800	29-Dec-07	5	2	29-Dec-09	
Alex	4	YC	37801	29-Dec-07	5	2	29-Dec-09	
Alex	5	YC	37802	29-Dec-07	5	2	29-Dec-09	
Alex	6	YC	37803	29-Dec-07	5	2	29-Dec-09	
Alex	7	YC	37804	29-Dec-07	5	2	29-Dec-09	
Alex	8	YC	37805	29-Dec-07	5	2	29-Dec-09	
Tonic	1	YC	39077	22-Feb-08	11 - 12 - 13	5	22-Feb-13	
Tonic	2	YC	39078	22-Feb-08	11	5	22-Feb-13	
Tonic	3	YC	39079	22-Feb-08	12	5	22-Feb-13	
Tonic	4	YC	39080	22-Feb-08	11 - 13	5	22-Feb-13	
Tonic	5	YC	39081	22-Feb-08	12	5	22-Feb-13	
Tonic	6	YC	39082	22-Feb-08	11 - 13	5	22-Feb-13	
Tonic	7	YC	39083	22-Feb-08	12	5	22-Feb-13	
Tonic	8	YC	39084	22-Feb-08	11 - 13	5	22-Feb-13	
Tonic	9	YC	39085	22-Feb-08	12	5	22-Feb-13	
Tonic	10	YC	39086	22-Feb-08	11 - 13	5	22-Feb-13	
Tonic	11	YC	39087	22-Feb-08	12	5	22-Feb-13	
Tonic	12	YC	39088	22-Feb-08	13	5	22-Feb-13	
Tonic	13	YC	39089	22-Feb-08	12	5	22-Feb-13	
Tonic	14	YC	39090	22-Feb-08	13	5	22-Feb-13	
Tonic	15	YC	39091	22-Feb-08	12	5	22-Feb-13	
Tonic	16	YC	39092	22-Feb-08	13	5	22-Feb-13	
Tonic	17	YC	39093	22-Feb-08	12	5	22-Feb-13	
Tonic	18	YC	39094	22-Feb-08	13	5	22-Feb-13	
Tonic	19	YC	39095	22-Feb-08	12	5	22-Feb-13	
Tonic	20	YC	39096	22-Feb-08	13	5	22-Feb-13	
Tonic	21	YC	39097	22-Feb-08	12	5	22-Feb-13	

Attachment  
Claim Renewal Requested

Tonic	22	YC	39098	22-Feb-08	13	5	22-Feb-13
Tonic	23	YC	39099	22-Feb-08	12	5	22-Feb-13
<b>Claim Name</b>	<b>Claim No.</b>	<b>Grant Pre</b>	<b>Grant No.</b>	<b>Expiry Date</b>	<b>Grouping No.</b>	<b>Renew Yrs</b>	<b>Renew Date</b>
Tonic	24	YC	39100	22-Feb-08	13	5	22-Feb-13
Tonic	27	YC	39406	8-Jun-07	11	1*	8-Jun-08
Tonic	28	YC	39407	8-Jun-07	11	1*	8-Jun-08
Tonic	29	YC	39408	8-Jun-07	11	1*	8-Jun-08
Tonic	30	YC	39409	8-Jun-07	11	1*	8-Jun-08
Tonic	31	YC	39410	8-Jun-07	11	1*	8-Jun-08
Tonic	32	YC	39411	8-Jun-07	11	1*	8-Jun-08
Ata	79	YC	40198	26-Sep-07	10	5	26-Sep-12
Juice	1	YC	46556	16-Mar-08	1	3	16-Mar-11
Juice	2	YC	46557	16-Mar-08	1	3	16-Mar-11
Juice	3	YC	46558	16-Mar-08	1	3	16-Mar-11
Juice	4	YC	46559	16-Mar-08	1	3	16-Mar-11
Juice	5	YC	46560	16-Mar-08	1	3	16-Mar-11
Juice	6	YC	46561	16-Mar-08	1	3	16-Mar-11
Juice	7	YC	46562	16-Mar-08	1	3	16-Mar-11
Juice	8	YC	46563	16-Mar-08	1	3	16-Mar-11
Juice	9	YC	46564	16-Mar-08	2	3	16-Mar-11
Juice	10	YC	46565	16-Mar-08	2	3	16-Mar-11
Juice	11	YC	46566	16-Mar-08	2	3	16-Mar-11
Juice	12	YC	46567	16-Mar-08	2	3	16-Mar-11
Juice	13	YC	46568	16-Mar-08	4	3	16-Mar-11
Juice	14	YC	46569	16-Mar-08	4	3	16-Mar-11
Juice	15	YC	46570	16-Mar-08	4	3	16-Mar-11
Juice	16	YC	46571	16-Mar-08	4	3	16-Mar-11
Juice	17	YC	46572	16-Mar-08	4	3	16-Mar-11
Juice	18	YC	46573	16-Mar-08	4	3	16-Mar-11
Juice	19	YC	46574	16-Mar-08	4	3	16-Mar-11
Juice	20	YC	46575	16-Mar-08	4	3	16-Mar-11
Juice	21	YC	46576	16-Mar-08	8	4	16-Mar-12
Juice	22	YC	46577	16-Mar-08	7	4	16-Mar-12
Juice	23	YC	46578	16-Mar-08	8	4	16-Mar-12
Juice	24	YC	46579	16-Mar-08	7	4	16-Mar-12
Juice	25	YC	46580	16-Mar-08	2	3	16-Mar-11
Juice	26	YC	46581	16-Mar-08	2	3	16-Mar-11
Juice	27	YC	46582	16-Mar-08	7	4	16-Mar-12
Juice	28	YC	46583	16-Mar-08	7	4	16-Mar-12
Juice	29	YC	46584	16-Mar-08	7	4	16-Mar-12
Juice	30	YC	46585	16-Mar-08	7	4	16-Mar-12
Juice	31	YC	46586	16-Mar-08	7	4	16-Mar-12
Juice	32	YC	46587	16-Mar-08	7	4	16-Mar-12
Juice	33	YC	46588	16-Mar-08	7	4	16-Mar-12
Juice	34	YC	46589	16-Mar-08	7	4	16-Mar-12
Juice	37	YC	46592	16-Mar-08	9	4	16-Mar-12
Juice	38	YC	46593	16-Mar-08	9	4	16-Mar-12
Juice	39	YC	46594	16-Mar-08	9	4	16-Mar-12
Juice	40	YC	46595	16-Mar-08	9	4	16-Mar-12
Jack	1	YC	54444	5-Dec-07	10	5	5-Dec-12
<b>Claim Total</b>	<b>169</b>				<b>Claim Yrs Total</b>	<b>627</b>	
							1* renewal requested under penalty

Kluane Drilling Ltd.

**Whitehorse Copper Belt  
Distribution Summary of Drilling Expenditures  
April 26 to June 5, 2007**

Appendix 3

<b>Claim No.</b>	<b>Claim Name</b>	<b>Drill Hole No.</b>	<b>Meters</b>	<b>Cost @ 100\$/m</b>	<b>Geo RWS</b>	<b>Geo JvR</b>	<b>Samples</b>	<b>Cost @ 36.50/samp</b>	<b>Total Cost/claim</b>
YC18021	Gin 29	GIN-07-05	150.3	\$15,030	\$600	\$1,813	23	\$839.50	\$18,282.00
72699	Bonzo	GR-07-39	35.1	\$3,510	\$600	\$0	0	\$0.00	\$4,110.00
76500	Heather 4	VRN-07-01	166.1	\$16,610	\$600	\$1,813	20	\$730.00	
		VRN-07-02	160.0	\$16,000	\$600	\$1,813	28	\$1,022.00	
		Totals	326.1	\$32,610	\$1,200	\$3,625	48	\$1,752.00	\$39,187.00
75982	Cameron 1	NS-07-21	228.5	\$22,850	\$1,800	\$0	0	\$0.00	\$24,650.00
Totals	4	5	740.0	\$22,850	\$23,599	\$0	0	\$0.00	\$86,229.00

**APPENDIX 4**

**DIAMOND DRILL HOLE LOGS**

**APPENDIX 5**

**DIAMOND DRILL HOLE ASSAY SHEETS**

GIN 29 - YC 18021

Kluane Drilling Ltd. --- Whitehorse Copper Project (Gin Claims) --- Diamond Drill Log

Hole #: GIN04-5

Azimuth 090°  
 Dip Angle -50  
 Length 150.3 (m)  
 Elevation 865 (m)

Grid: UTM Datum NAD 83 Zone 8  
 Collar Coordinates Northing 6729166 N / Easting 490048 E  
 Acid Tests Length / Dip / Length / Dip / Length / Dip  
 Drilled By KLUANE DRILLING LTD. Rig Type HYDRA CORE / SIZ' NEW

Date drilled MAY 2007  
 Date logged MAY 12, 2007  
 Assay Lab EOTECH LABS  
 Sample # 666483 to 666504

Page 1 of 2  
 Logged by J. vanKandol  
 Certificate # AW 2007-7018  
 Total Samples 23

Target: TEST MINERALIZATION IN AREA BETWEEN PREVIOUS HOLES GIN2, HUDSON BAY & AT INTRUSIVE AND LIMESTONE CONTACT  
 Reason Hole Stopped: DRILLED THROUGH TARGET STRAIGHT UP AND INTO DIORITE (also lack of significant mineralization - stop hole)

From (m)	To (m)	Rock Type	Description	Angle (to CA)	Alteration	Mineralization	Assays From To	Sample #	Cu (%)	Mo (ppm)	Au (ppb)	
0	3.2	OVB	overburden no core recovered									
3.2	30.2	OVB	Glacial till overburden that was somehow cored! Misc rock fragments up to 20cm long but generally < 3cm <sup>2</sup> cemented by brown clay/sand mixture. This is abnormally hard recovered but drillers are new to the Yukon									
30.2	111.6	Marble	white coarsely crystalline (equigranular & 5mm crystals) marble local limonite on fractures every 20-50cm often oriented 70-90° to core axis or 70-90° to core axis									
			39.4 - 40.8m broken rusty interval with local limonite pits of leached pyrite disseminations aligned in circle bands 70° to core axis									
			<CAVE> @ 40.8m 30cm of CAVED doubly ground rock fragments		marble							
			45.1 -> 51.8m pale orange coloured pitted locally broken marble (10% patchy limestone of recrystallized material), rusty pitted bands locally oriented 70° to core axis	30° rusty pits								
			<SAND> 53 -> 54.7m sand seam with 30% marble pieces up to 10cm long		limonite, long fractures	trace lg py						
			63.8 -> 65.2m broken interval with white sericitic clay along abundant fractures		sericitic clay on fractures							
			65.2 -> 65.7m rusty highly fractured zone with orange clay up to 60%, minor shear zones 15° to core axis upper contact	15° upper contact	clay	trace py						
			<CAVE> 68.6m 40cm misc doubly ground CAVED material (must have pulled rods)									
			68.2 -> 82m marble becomes banded with light grey limestone wisps between more crystalline marble sections: bands 1cm -> 10cm wide and oriented consistently 45° to core axis, local broken rusty patches with 5% open space									
			<CAVE> 73.2m 30cm of CAVED material									
			81.2m 60cm of dirt brown sand with solid marble to each side									
			82 -> 106.6m pale orange limestone stained marble with 10% irregular patches of less crystalline limestone, intensely rusty fractures commonly 20° to CA as well as 30° to CA	less 20° 30°	limonite fractures	trace lg py						
			<CAVED> 94.6 -> 95.9m homogeneous silt sized clay seam? (CAVED) material of possible acid fault gouge - no talk with Mark @ Shop - is a polymer used during drilling									
106.1	106.8	Intrusive Dyke	intrusive dark mottled white & super light green intrusives with equigranular Qtz/feldspar matrix and 15% sericite alteration. mottled matrix of 40mm wide and 15-20mm long sharp upper contact 60° to CA, lower also with sharp 70° to CA with 40% of dark MnO <sub>2</sub> manganese staining near lower contact; false composition or very bleached diorite.	60° 70°	sericite of br. fr.	<1% ser. f.s. pyrite in intrusives	106.1	106.8	666483	60.4	41	430

**ADR drill log abbreviations**

bor	borite	al	alteration
cc	calcite	btw	between
ccp	chalcopyrite	CA	core ends
chl	chlorite	//	parallel
mg	magnetite	↑	increase or up hole
py	pyrite	↓	decrease or down hole
sp	spinel	( )	concentrated
qtz	quartz	mod	moderate
sm	limonite	uc	upper contact
ss	sericite	lc	lower contact
br	breccia		
str	stringer		
yn	ylm	dis	disseminated
frac	fracture	lg	fine grained
ms	massive	xtal	crystal
no	no	psbl	possible
sty	stylolite	rtal	recrystallized

Kluane Drilling Ltd. --- Whitehorse Copper Project (Gin Claims) --- Diamond Drill Log

Hole #: G107-5  
Page 2 of 2

From (m)	To (m)	Rock Type	Description	Angle (to CA)	Alteration	Mineralization	Assays			Mo (ppm)	Au (ppb)	
							From	To	Sample #			
106.8	111.6	Mudstone	creamy white & pale grey banded mudstone / limestone, very weak patchy stain as yellowish green spots / chlorite bands (10% of interval) abundant dark light orange limonite coating fractures 70° to core axis, common rusty 1-2mm sized pits in crude stringers (at along bedding) oriented 80° to core axis. At 111.2m, 20cm of calcite break like mudstone recovered but a drilling artifact as rock fragments fit together mark again says it is a polymer thickened mud	60° 70° 90°	limonite limonite pyrite stain	<1% fig. pyrite	106.8 108.2 109.7 111.2	108.2 108.7 111.2	666484 666485 666486 666487	Co. 01 Co. 01 Co. 01 Co. 01	1 1 4 4	230 230 230 230
111.6	128.4	SKARN	Medium green to tan brown coloured chlorite skarn with 40% poorly developed brown honey coloured garnets in a dense chlorite epidote skarn, silky green garnet blubs throughout fairly consistent (mineralogically speaking) assemblage of skarn minerals. Common dark purple to red hematite coating on fractures up to 3mm wide, often oriented 20-25° to core axis - often showing slickenside movement; local development of tan like radiating fibrous green actinolite zone crystals; very rare needles of specular hematite observed but no copy of pyrite or magnetite; local manganese coating fractures	20-25° 30°	garnet chlorite epidote actinolite calcite sericite	hematite hematite	111.6 112.8 114.3 115.8 117.35 118.9 120.4 121.3 122.8 124.4 126.5	112.8 114.3 115.8 117.35 118.9 120.4 121.3 122.8 124.4 126.5	666488 666489 666490 666491 666492 666493 666494 666495 666496 666497 666498	Co. 01 Co. 01 Co. 01 Co. 01 Co. 01 Co. 01 Co. 01 Co. 01 Co. 01 Co. 01 Co. 01	12 10 12 21 21 3 3 3 3 3 3	230 230 230 230 230 230 230 230 230 230 230
128.4	131.5		transition to diorite with sharp upper boundary. 128.4m oriented 40° to CA marked as change from brown garnet & chlorite etc skarn to fine grained nonporphyrous chlorite skarn with 30% patches of intrusive fingers into skarnified sediments, generally irregular ragged contacts to intrusive intervals; chlorite and sericite altered matrices in intrusive intervals				128.4 129.5	129.5	666499 666500	Co. 01 Co. 01	14 1	230 230
		work skarn fracture	129.6m 1.5cm wide late milky white calcite stringer with sericitized biotite flakes, oriented 30° to core axis		chlorite epidote calcite sericite local garnet	no pyrite observed	129.5 131.5	131.5	666500	Co. 01	1	230
		fracture	131 → 131.5m irregular shaped late white calcite patches with 20% sericite clots and lesser olive green epidote @ 131.9m, poor development of honey brown garnet and late calcite patches									
131.5	134	Diorite epidote skarn	Endoskarn intrusive textured chlorite & pervasive epidote altered diorite, 6 per cent thin chalky white calcite stringers 70° to core axis up to 4mm wide @ 133.2m chloritic fracture, 20° to core axis with 1% rusty pyrite blubs		chlorite epidote epidote skarn calcite	<2% fig. pyrite on rusty fracture	131.5 132.6 134	132.6 134	666501 666502	Co. 01 Co. 01	108 34	230 230
134	150.3	Diorite	equigranular medium grained diorite with chloritic mafic and black hornblends throughout (chlorite alteration decreases downhill) common rusty & slight clay along fractures (a very common) oriented 40 or 75° to CA		intense limonite	<1% rusty pyrite trace fig pyrite	134 135 136.6	135 136.6	666503 666504	Co. 01 Co. 01	1 21	230 230
			134 → 135.1m intensely rusty albite with numerous fractures 15-25° to core axis coated with dark green chlorite up to 6mm thick and white calcite plus hair width rusty fractures 20° to core axis, large fig pyrite along fractures									
			138.7 → 139.7m fractured chloritic interval with manganese coating on fractures 30° to core axis		chl weak argillic							
			148.5 → 150.3m somewhat bleached interval with pink Ksp. or 20% of equigranular matrix same as chlorite altered matrix of mafics and cobbling fractures 140° to core axis		Ksp.?							
			END OF HOLE 150.3m									

HEATHER 76500

Kluane Drilling Ltd. --- Whitehorse Copper Project (Gin Claims) --- Diamond Drill Log

Hole #: VRN07-1

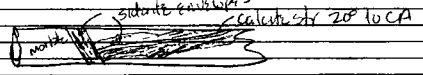
Azimuth 180° Dip Angle -50° Length 1661 (m) Elevation 850 (m)  
 Grid UTM Datum NAD 83 Zone 8  
 Collar Coordinates Northing 6925922 N/Easting 494005 E  
 Acid Tests Length          Dip          /Length          Dip           
 Drilled By KLUANE DRILLING LTD Rig Type HYDRACORE (NTW)  
 Date drilled MAY 2007 Date logged MAY 16, 2007  
 Assay Lab EGC CIL LABS Sample #: 666506 to 666525  
 Page 1 of 4 Logged by J. van Bantam  
 Certificate # AW3-7019a Total Samples 20

Reason Hole Stopped IN AREA OF MINERALIZED O/C AND FENICING ON VERONA OCCURRENCE

From (m)	To (m)	Rock Type	Description	Angle (to CA)	Alteration	Mineralization	Assays			Cu (%)	Mo (ppm)	As (ppm)	
							From	To	Sample #				
0	6.2	OVBS	overburden no core recovered										
6.2	9.8	Skarn	pale green/yellow colored weak chloritic / sericite skarn fragmented soapy sericitized matrix with dark green chlorite clots & irregular patches (entire interval is composed of a hard limestone and cut by quartzites 2cm wide late calcite stringers after 7.8 to core axis, irregular moderately fractured very weak poorly developed tan brown colored garnets - 100% upper contact not preserved (and) 1st 30cm of core is clotted ground and broken, lower contact 25° to core axis		chlorite sericite manganese local garnet		6.5	8.2	666506	0.03	1	230	
	8.2							8.2	9.8	666507	0.01	1	230
9.8	13	Doubt	Intrusive dyke, medium to coarse grained equigranular diorite with dark green chlorite altered subeudial matrix (latite: up to 5mm long, intense manganese staining) & parallel fractures 45° to core axis (10/m), trace rusty pyrite & pyrite in fractures 9.8 → 10m silicified contact zone of altered intrusive and chlorite altered limestone 12.6 → 13m bleached silicified chlorite sericite altered endo skarn to 12.9m then blues, trace Mn, manganese, weak (white) at sharp contact with grey limestone below, 2-10% Fe py in last 10cm of interval		chlorite (sericite)		9.8	11.5	666508	0.01	21	230	
	11.5							11.5	13	666509	0.01	21	230
13	17.3	limestone	mottled light and medium grey granular limestone often banded and parallel to core axis - near blk/limestone, coarse textured bounding 0-15° to core axis and distinct but minor rusty patches @ 15.4m and broken clay rich minor shear 20° to core axis @ 15.9m / 25.1cm wide		very minor argillic								
17.3	20	Marble	Crummy white coarse crystalline marble with 10% grey limestone in veins (often with dark grey silicified contact), very competent interval with fractures 25° to core axis consistently 70° to core axis	70° (100)									
20	20.1	limestone/limestone	fractured shear zone, patchy grey limestone with 80% brown to tan colored silty beds locally brecciated and cemented by light green to brown clay rich gouge, 22 collapse karst features as voids at angles to core axis, locally parallel to core axis as well as 25° to core axis, intense manganese 20.2 → 22.1m lens of dark grey limestone (not fractured) 25.9 → 26.9m, 27.7 → 29.2m gouge cemented intervals, intensely shattered limestone, silty, angular fragments, matrix of breccia gouge also bleached, highly faulted, sharp contact @ 29.2m 35° to core axis		clay rich shear zone manganese (limonite)	no significant alteration							
	25.9							25.9	26.9	666510	0.04	4	230
	27.7							27.7	29.2	666511	0.06	6	230
20.1	33.2	Marble	light grey to pale tan colored coarse crystalline marble with very weak pale green chlorite/sericite alteration along fractures especially @ 32.8m and local clay rich shear between 29.8 → 29.9m 20.7 → 31m 45° to core axis, 20° to core axis with distinct to dark brown carbonate alteration up to 3cm wide, distinct		sericite								

alteration zone

test for As points





Kluane Drilling Ltd. — Whitehorse Copper Project (Gin Claims) — Diamond Drill Log

Hole #: VEN07-1  
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From (m)	To (m)	Rock Type	Description	Angle (to CA)	Alteration	Mineralization	From	Assays To	Sample #	Cu (%)	Mo (ppm)	Au (ppb)
			56.1-68.4m continue!									
	62.9		62.9 m white - cream colored coarse crystalline marble with brown diadymite manganese "veins" along fractures and locally in bands up to 6mm wide. internal is weakly silicified and cut by thin 2mm wide locally rusty Qtz and calcite stringers 10° to core axis, abrupt sharp contacts to regular grey limestone below core axis (- looks like fluid flow + alteration sub parallel to core axis and manifests itself as altered bands in limestone and thin Qtz calcite stringers with manganese in marble layers; lots of cooking of sediments by 2mm placiment of cross-cutting dykes)		W. silicification manganese	marble →	62	63	666575	20.0	3	230
	63.9						63	63.9	666576	0.01	29	280
	65.4						65.4	65.4	666577	20.0	19	230
	67						67	67	666578	0.01	10	230
	68.4		63.9 → 68.4m grey + white limestone which by 65.4m becomes dark grey and very fine grained with dark brown 2mm bands up to core axis with local dark green chlorite and limonitic patterns with slickensides on fractures (40° to CA) = hornfills		limonite local chlorite	trace of pyrite	67	68.4	666579	20.0	6	230
68.4	72.6	Dyke vein	Black aphanitic matrix with 20% feldspar lathes - all the same size + shape of 3 mm by 6mm long, very weakly aligned 30° to core axis. This dyke looks different to those above, intervals 9 with competent with local cherty white calcite 1mm coating fractures 69 → 70m dyke is cut by white carbonate rich gouge along fractures sub parallel to core axis with minor limonite. (cut places) can see feldspar lathes still in the the green gouge along fractures		calc limonite							
72.6	79	limestone	mottled dark + pale grey medium grained limestone with local rusty fractures every 40cm		limonite							
79	79.4	dyke	contact sharp at contact with fine grained medium green chlorite dyke waxy pale yellow green colored fine grained waxy matrix with 20% poorly developed circular 2-4mm diameter feldspar, perthite, pyroxene, and diadymite in gouge along fractures knife sharp contacts (upper 70° to CA, lower 75° to CA)		gouge perthite manganese	trace of pyrite	79	79.4	666520	20.0	2	230
79.4	81.7	Dyke	Medium green fine to medium grained feldspar rich diorite with 6cm fine grained chert margin at upper contact 75° to CA thin equigranular diorite									
81.7	91.7	limestone	light grey medium grained limestone with common dark grey contorted bands = 2cm wide (locally stylolitic) with rare pale green yellow talc? / silicified along fractures @ 82.3m 89 → 89.4m broken pale green gangue shear section with limonite, no contacts preserved, rusty pits + limonite on fracture surfaces 90-90.2m brown + black rich siltstone interbed with 20% white contorted calcite stringers lower contact of 1 band has dark, silky green silicate along sharp 60° to CA ← dyke → @ 91.9m 7cm wide dark green fine grained porphyry dyke with sharp unaltered contacts 65° to CA		chlorite talc? silicate							
91.7	94.8	Dyke	dark green? serpentinized? feldspar phric porphyry dyke with knife sharp contacts 50° to core axis		serpentine?							
94.8	95.1	limestone	medium grained grey limestone with equigranular texture									
95.1	95.9	Dyke	dark green soft carbonate fine grained matrix with small white feldspar phenocrysts up to 4mm long 95.6-95.9m intensely silicified unconsolidated dyke material that is shot through with clay = 1st band lower 1/3 of dyke, contacts are sharp upper contact 20° to core axis, lower 60° to core axis		serpentine?							
95.9		limonite stone	grey limestone as above with thin orange manganese bands + fracture coatings between 96 → 99.3 m = very broken silicified gangue sub interval 101.1 → 102.1m silty brecciated altered bands 20° to CA with chlorite + late calcite		breccia chl/calcite							

Kluane Drilling Ltd. — Whitehorse Copper Project (Gin Claims) — Diamond Drill Log

Hole #: VRN07-1  
Page 4 of 4

From (m)	To (m)	Rock Type	Description	Angle (to CA)	Alteration	Mineralization	Assays							
							From	To	Sample #	Cu (%)	Mo (ppm)	Au (ppb)		
			595 - 166.1m limestone cont. lowered											
			107.2 → 108.0m light orange brown coloured lateral of limonitic locally porous limestone with common < 1cm sized calcite stringers plus 40% high dark green blebs & fracture linings @ 107.4 m. Chlorite or sericite, irregular contacts.			limonite chlorite calcite sericite	trace very fine pyrite							
			109.3 → 109.5 pale green very fine grained matrix with rare poorly developed white feldspar phenocrysts = slice of porphyritic dyke with limonitic calcite rich alteration envelopes; lower contact sharp ZSP to CA	25° north		limonite calcite envelope chlorite								
110.6	111.4	DYKE	dark green fine grained (clonite) dyke with fine vit. gran. matrix and 10-20% 2-3mm feldspar phenocrysts in this finer grained matrix; upper contact has 20cm of brecciated white calcite cemented chill margin to dyke, matrix & dyke rocks strongly to HCl											
111.4	112.4	lms	very pale grey limestone with local light yellowgreen sericite patches											
112.4	113.5	DYKE	same composition & appearance as 110.6-111.4m interval above again with 15cm wide breccia zone at upper contact cemented by white calcite, lower contact sharp 60° to core axis calcite cement breccia dyke 12cm last raft dyke fragments limestone											
113.5	116.1	lms	mottled light & dark grey medium to fine grained limestone											
			114.5 → 114.9m orange calcite / limonite fractured zone with pits; trace fine pyrite along bands; 114.7-114.9m oriented 40° to core axis, very rare chlorite			limonite chlorite	trace very fine pyrite							
			116.7-116.9m fractured rusty zone with limonite / slate calcite, 2cm dia green porphyritic dyke 60° to core axis c. 116.8m											
			128.2-125m orange coarse crystalline marble with yellow limonite and local manganese along fractures											
			129.9-131m orange & green rusty fracture zone with abundant late calcite, distinct shear between 129.6 to 129.9m of grey fine grained (felsic intrusive??) fragments in a white calcite limonite gouge matrix - bedding like chloritic contacts 20° to CA			limonite chlorite clay								
			133.5-134.3m orange & cream coloured breccia shear zone with coarse crystalline calcite, limonite, manganese, slickensides, intense iron oxidation fractures; pervasive clay, late thin grey calcite stringers 1cm wide 70° to CA dull grey ash like felsic intrusive breccia between 134.6-134.7m with sharp contacts 70° to core axis			limonite silicification clay calcite manganese	< 1% diss silvery sulphide mass of limonite pyrite blebs 137.35 (trace diss pyrite)	133.5	134.3	666521	0.01	4	2.70	
			137.3-138.5m biotite rich siltstone with grey limestone and abundant late white calcite bands all sub parallel to porphyry (to 15° to CA), local chloritic alteration envelopes to calcite with local clay; silty layers are brown biotite altered with up to 5% fine grained pyrite along fractures no copper mineralization observed			biotite chlorite calcite	trace fine py in silty bands in fractures	137.3	138.5	666524	20.0	5	2.00	
			152.2 → 152.4m rusty slice of fine green porphyritic dyke with chloritic selvages 15° to CA											
			154.1 → 158.5m biotite altered siltstone / limestone (all calcareous) biotite is patchy; gives core a brown granular look											
			limestone is very coarse crystalline 7st grey with minor calcite veining to E.D.A											
			160.7 → 160.8m dark green very fine grained feldspar phytic porphyry dyke with rusty contacts 70° to core axis					65	160.1	666525	20.0	5	2.00	

END OF FILE 166.1m

HENTHER 4 - 76500

Kluane Drilling Ltd. — Whitehorse Copper Project (Gin Claims) — Diamond Drill Log

Hole #: VENOT-2

Azimuth 180  
Dip Angle -30  
Length 160 (m)  
Elevation 850 (m)

Grid UTM Datum NAD 83 Zone 8  
Collar Coordinates Northing 6925550 N/E Easting 494035 E  
Acid Tests Length Dip / Length Dip / Length Dip  
Drilled By KLUANE DRILLING LTD Rig Type HYDRACOLE (NTW)

Date drilled MAY 2007  
Date logged MAY 26 2007  
Assay Lab ECOTECH LABS  
Sample # 66624 to 66621

Page 1 of 3  
Logged by J Van Ronden  
Certificate # AK2007-2006  
Total Samples 28

Reason Hole Stopped: VERONA ZONE AREA WITH HISTORICAL TRENCHING STOPPED FROM VENOT-1 WHICH DID NOT HIT INTRUSIVE (WHICH EXPECTED) WITHIN 100M HORIZONTAL FROM DRILL SO EXPECTED TO HIT INTRUSIVE 350-400' DOWNHOLE SO STOPPED IN 160M

From (m)	To (m)	Rock Type	Description	Angle (to CA)	Alteration	Mineralization	Assays						
							From	To	Sample #	Cu (%)	Mo (ppm)	Au (ppb)	
0	0.9	DVB	no core recovered										
0.9	10.6	Qtz brecc	speckled white and dark green medium to coarse grained gneiss rich chlorite intrusive with chloritized subparallel amphibole facies in an equigranular gneiss feldspar matrix; internal is broken with rusty iron oxide on fractured common 30 or 50% to core axis (5-5.9m fine grained chloritic skarn zone of sediment rock) in the intrusive with sharp 300 to CA contacts no sulphides observed in the skarny sediment	200-20°	chlorite / surface oxidation	trace Fe py							
			72 → 81m bleached coarse grained granodiorite with 10% pink feldspars in groundmass with black notitic and megacrystic horn blends up to 1cm long										
			81 → 105m skarn interval with abundant chlorite, manganese and rusty pits/fractures in well broken fracture zone chlorite/epidote skarn with local intrusive segments altered into skarn with locally preserved intrusive texture as 3mm feldspars in pale green vein fine grained and grainy looking groundmass; common thin calcite wisps & stringers but groundmass obscured lead to thick towards end of interval, poorly developed brown garnet growth in igneous Qtz/feldspar chlorite flooded matrix		chlorite manganese epidote	local Fe of 20% for ground pyrite	81	105	666594	0.04	21	230	
		Dike	Black mafic dike with equigranular rounded feldspar white feldspar laths in a black matrix, matrix is hard + competent with rusty fracture surfaces often 40° to core axis knife sharp upper contact 40° to core axis, lower contact shallowed	40°	rust								
		skarn	Pale green chlorite/epidote skarn with 10 → 30cm coarse grained gneiss diorite intrusive, sections; internal is hard broken with 50% porphyry clay and common calcite stringers; common black dendritic manganese on fractures and thick bands; ilite intrusive textures visible periodically; pale brown poorly developed garnet bands; locally fine grained green = hornfels; intrusive brecciated below with clay altered plagioclase		chlorite >>> epidote manganese (mod. Fe)		12.3	18.6	666595	0.02	21	230	
			12.3 → 13.6m chlorite altered coarse grained intrusive with dark purple manganese rich skarn bands; 13.6 → 13.8m intensely broken limonitic rich interval	60°	chlorite manganese clay	trace Fe py							
			13.6 → 18.2m bleached pale green/grey skarn with contactid >10cm patches of broadly developed garnets with abundant manganese and chlorite with rare epidote			20% subhedral Fe pyrite	13.6	15	666594	0.01	2	230	
			18.2 → 18.9m bleached coarse grained intrusive with 15cm mafic rich amphibole laths up to 1cm long (3mm wide) with chlorite/epidote envelopes to mafic interval @ 18.7 → 18.8m, pale yellow/green sericite/epidote in matrix with abundant manganese on fractures				16.7	18.2	666597	0.01	21	230	
			18.9 → 20.5m purple red banded fibroblast skarn to 19.3m gradual change to bright yellow pale green epidote alteration in a white chlorite clay rich sericite manganese rich skarn equigranular totally altered intrusive matrix		epidote/chl sericite manganese	21% Fe py on fractures	18.9	20.5	666600	0.02	21	230	
			20.5 → 22.1m mixed interval of fine grained chlorite/sericite skarn with 15cm coarse intrusive with chlorite & sericite matrix; broken interval common rusty 4mm pits; limonite in calcite stringers where skarn matrix less altered intrusive segments		chlorite, Fe epidote, manganese with rusty laths	27% Fe py on fractures	20.5	22.1	666601	0.01	21	230	
		Dike	Black mafic dike with equigranular rounded feldspar white feldspar laths in a black matrix, matrix is hard + competent with rusty fracture surfaces often 40° to core axis, lower contact broken	40°	rust								
		skarn	Locally bleached medium to coarse grained intrusive with chloritized matrix with common dark green 30cm mafic clots (Zoned?) chlorite skarn in patches a very poor core recovery; 30cm interval with common white clay epidote which is a slickensided fracture locally bleached most intense chlorite zone brown garnet skarn bands in Qtz rich intrusive	90°	chlorite/epidote well developed clay, manganese	itchy 10% Fe py on fractures and dark green garnet bands	28	29	666602	0.01	21	230	
			29 → 30.5m 0.8m recovered (54% RECOVERY)				29	30.5	666603	0.01	21	230	
			30.5 → 32 12m recovered (80% RECOVERY)				30.5	32	666604	0.01	21	230	

POOR CORE RECOVERY:

28 → 29m 40% recovery, ground broken core  
29 → 30.5m 0.8m recovered (54% RECOVERY)  
30.5 → 32 12m recovered (80% RECOVERY)

40% RECOVERY

Kluane Drilling Ltd. — Whitehorse Copper Project (Gin Claims) — Diamond Drill Log

Hole #: VRND7-2  
Page 2 of 3

From (m)	To (m)	Rock Type	Description	Angle (to CA)	Alteration	Mineralization	Assays									
							From	To	Sample #	Cu (%)	Mo (ppm)	Au (ppb)				
32.7	37.1	LSMT	LIMESTONE light grey with darker grey patches composed of stylolites & late white calcite stringers. obvious sub-parallel striae 6-25 cm apart 30° to core axis. linear upper contact with intrusive. calcite stringers locally have brght green epidote. silicified up to 6mm thick as well as blue qtz in center of calcite stringers													
	32.7 → 34.2m		massive fine grained limestone with 12-15mm wide calcite ± qtz & local epidote stringers 30° to core axis. chloritic rich contact with 2cm wide brown red gneiss bands with chlorite, epidote, silicification		at contact epidote chlorite	traces of g in upper calcite	32.7	34	266606	2.00	61	230				
	44.2m → 45.9m		Banded dark green & brown grey chloritic zone with 4cm wide silty pyritic bands with abundant green clay on fractures, bands 45-50° to core axis		calcite stringer chlorite	2.3% sil py in brown silty areas										
	53 → 56.5m		banded limestone interval with pale green epidote along calcite stringers and an interval to "dry" fractures		epidote calcite	/										
	56.5 → 59.6m		dark crystalline limestone interval between contacts, no sx observed			/										
	62.5 → 66.1m		black very fine grained silty limestone with 5% very fine diss pyrite with silty green & brown chlorite. silty bands (silty with diss pyrite upper contact is sharp, coarse) and 50° to core axis. interval is moderately argillitic g. pp, and locally silicified (2-3mm by calcite stringers)		chlorite/sericite g. pp	>5% diss f g pyrite	63.5	64.7	666607	0.04	16	230				
	66.1 → 67.1m		gradational change to unsilicified non argillitic black limestone with dark silty interval of very fine sulphides with abundant secondary chlorite/sericite by 67.1m, cemented up to 5mm wide milky white calcite on fractures sub-parallel to core axis		chlorite/sericite calcite	gradually less silty to 67.1m	66.1	67.1	666609	0.01	6	230				
	67.5 → 77m		interbedded marbles & grey limestone interval with silty, shaly, sheared dark grey patches in pale grey locally coarse crystalline marble limestone structure is 10-15° to core axis and local rusty fractures near intrusive dykes below													
	76-77m		unit becomes spotted with 6mm subrounded grains grey qtz fragments/silty grey limestone/marble host with 20cm pale buff orange silty interval from 76.8-77m with pale green silty calcite 1cm fragments below fully developed garnet skarn @ contact with intrusive dykes below		60° contact	chlorite/sericite garnet										
	77	78	Dyke													
	77	78	Dyke	Blackish pale white/grey Diorite with abundant qtz phenocrysts and matrix all altered to chlorite and green sericite			<1% silty pyrite silicification	77	78	666611	0.01	3	230			
	78	80.1	LMS/ Marble	white & dark grey banded limestone/marble interval (banding 50° to core axis) bands fine 1-5mm apart with light quartzitic sericite on fractures also 50° to core axis. <2% f g subradial pyrite, a black grey bands		50° bands	<2% f g subradial pyrite black grey bands	78	78.9	666612	0.01	3	230			
	78.9	80.1m		silty dark grey layer with clots & patches of fine to medium subradial pyrite crystals concentrated in dark grey chloritic bands & with associated sericite, 1-2% pyrobitite		chlorite	<2% pyrite sericite	78.9	80.1	666613	0.04	2	230			
	80.1	82.2	Dyke skarn	speckled medium grained chlorite altered Diorite with 3mm fields of phenocryst altered to white clay and matrix is filled with chlorite. upper contact sharp 60° to core axis with 1-2 pyrite and quartz holes 5% grading to 1% overall by 81m; 80.95-80.97m 1cm brown irregular (possibly a garnet patch) with at the dark grey matrix with silicification 81 → 81.1m silty dyke with gneiss granular white clear qtz & silty zone with dark silty 81.4 → 81.6m up to 15cm wide qtz stringer with silicite, silicified qtz structures & purple colored lower contact is sharp 65° to core axis		60° contact	chlorite/sericite 5% pyrite traces of pyrite	80.1	82.2	666614	0.02	13	230			
	82.2	97.3	LMSY	Grey limestone with 3cm wide dark grey irregular (silty) chlorite bands, medium grained with fine and coarse grained patches 87.2 → 87.3, 88.4 → 88.7, 89.6 → 90m dull brown silty layers massive purple mass that are cemented by white calcite, zebra like texture in an otherwise massive limestone interval		calcite stringer fine chlorite epidote sericite	/	82.2	84	666615	0.01	2	230			



Kluane Drilling Ltd. — Whitehorse Copper Project (Gin Claims) — Diamond Drill Log

Hole #: VKN09-2  
Page 2 of 3

From (m)	To (m)	Rock Type	Description	Angle (to CA)	Alteration	Mineralization	Assays							
							From	To	Sample #	Cu (%)	Mo (ppm)	Au (ppb)		
			82.2 → 93.3m Limestones continued											
93.3	104	SKARN	SKARN pale cream colored white to light green, mottled bands of siliceous sericite matrix with fragments upper contact contorted; diffuse with <math>\leq 1\text{mm}</math> tiny oxidized pits (circumferential) of calcite stringers oriented 60° to core axis. Core is broken ground @ 3.20 (93.5m) footage top. Intense limonitic clay between 100± to 100.1m - little streak (100.5m) 10cm wide in grain and manganese; dk green chlorite, conchoidal fracture fragment with streaks on fracture - core is broken * Poor core recovery footages block: 99.5 to 100.6 100.6 to 103.6 103.6 to 104.65 Core recovered 1.2m 0.4m intensely broken rubble 0.8m rubble + solid core		chlorite epidote sericite manganese	<math>\leq 2\%</math> f.g. pyrite = disseminations along calcite stringers	93.3	100.6	666616	0.01	<math>\leq 1</math>	<math>\leq 30</math>		
	100.6		100.6 → 103.6m SKARN pale cream light green <math>\leq 3\text{mm}</math> fragments of clay rich SKARN fragments with common elements of limonite and manganese coated = clay rich but drillers certainly lost core here, high quality clay rich SKARN zone		chlorite/sericite manganese sericite siliceous	<math>\leq 2\%</math> f.g. py	100.6	103.6	666617	0.01	<math>\leq 1</math>	<math>\leq 30</math>		
	103.6		103.6 → 104m broken ground core, intense limonitic pale green/cream colored with abundant manganese and sericite at bottom contact with limonite		quartz/dol Fe Oxide	trace f.g. pyrite	103.6	104	666618	0.00	<math>\leq 1</math>	<math>\leq 30</math>		
104	104.6	last	Med. to ark. fine to medium grained grey limestone, with minor epidote at start of interval and common dark grey siliceous fillings, <math>\leq 1\%</math> total f.g. py and trace. Ppm fracture @ 103.3m		local epidote upper contact	<math>\leq 1\%</math> f.g. py trace pp on fracture	104	104.6	666619	0.00	0	<math>\leq 30</math>		
	110.5		110.5m 16cm wide white = palest green SKARN interval of chlorite/epidote mackchaly white matrix - no sil observed and in por bright green yellow epidote envelope up to 5mm wide to dark green chlorite stringer sub parallel to core axis to ~ 111.5m		lca chlor sr									
	114		114 → 121.3m grey limestone interval with 20% interbeds of weakly altered silty beds (dull brown/grey colored bands) interval has local olive green epidote, calcification as contorted beds + abundant chlorite but only <math>\leq 1\%</math> very fine pyrite observed in brown silty interbeds - not sampled		chloritic epidote	<math>\leq 1\%</math> disse f.g. in silty layers								
146.9	147.4	SKARN	146.9 → 147.4m dull brown magnetic SKARN contact with dyke below, dull brown/green colored manganese sericite chlorite epidote SKARN with 3% black magnetite, 1% f.g. py		chlorite/manganese epidote/sericite	mostly white blebs f.g. py <math>\leq 1\%</math>	146.9	147.4	666620	0.01	<math>\leq 1</math>	<math>\leq 30</math>		
149.4	149.8	DYKE	Army green Mafic Dyke, fine grained mafic granular matrix with 20% <math>\leq 2\text{mm}</math> calcite is placed phenocrysts (not the same, old black dykes encountered earlier in the hole), non magnetic, sharp upper contact 60° to core axis	60° contact										
149.8	153.9	last	light/dark grey limestone with common dark grey contorted bands, rare epidote + manganese along fractures at various angles to core axis		epidote manganese									
153.9	154.6	DYKE	darker grey green dyke same composition as 147.4 → 149.8m interval above with yellow green epidote latter talciferous, non magnetic fine grained dark matrix sharp bs upper contact	65° contact	epidote calcite									
154.6	160	last	medium and dark grey banded limestone with weak silicified grey brown silty interbeds which are partially altered and spattered locally and cemented along late white calcite banding in limestone consistently 10-15 to core axis to end of hole; <math>\leq 2\%</math> coarse subradial massy pyrite up to 3mm across on fractures between 157.3 - 157m 157.3 → 157m Dyke, medium green pyrophylic dyke as described in 149.4 → 149.8m interval, sharp 60° to core axis contacts with minor limonite + chlorite along margins of dyke, trace f.g. pyrite along upper contact with <math>\leq 1\text{mm}</math> wide calcite SM apfr	60° contacts	chlorite calcite	<math>\leq 2\%</math> subradial blebs f.g. py dyke block, etc	159	160	666621	0.01	<math>\leq 1</math>	<math>\leq 30</math>		

END OF HOLE 160m

CAMERON - 75982

## Kluane Drilling Ltd. — Whitehorse Copper Project

## — Diamond Drill Log

Hole # NS-07-21

Azimuth 180°  
Dip Angle -60°  
Length 226.3 (m)  
Elevation 880 (m)Grid UTM Datum NAD 83 Zone 8  
Collar Coordinates Northing 620545 N / Easting 497060 E  
Acid Tests Length Dip / Length Dip / Length Dip  
Drilled By KLUANE DRILLING LTD. Rig Type HYORA CORE / SIZE: NTWDate drilled MAY 10-14, 2007  
Date logged MAY 12-16, 2007  
Assay Lab \_\_\_\_\_  
Sample # \_\_\_\_\_ to \_\_\_\_\_Page 1 of 3  
Logged by R. B. ROSEMAN  
Certificate # \_\_\_\_\_  
Total Samples 0

Reason Hole Stopped:

From (m)	To (m)	Rock Type	Description	Angle (to CA)	Alteration	Mineralization	Assays			Cu (%)	Mo (ppm)	Au (ppb)
							From	To	Sample #			
0.0	3.0	OVS	Gravel, sand, clay size boulders.									
3.0	28.0	GRYWK	Dioritized grey green greywacke and siltstone. fine grained, massive to finely banded - laminated perpendicular to core axis - 90° Dioritic section appears to contain white phenocrysts (porphyro blasts)	90°								
28.0	43.6	LSF	light grey to white crystalline limestone to silty banded or massive limestone 28.7 - 29.3 m weakly garnetiferous skarn. local epidote alteration along fractures or bedding plumes.		epi							
43.6	47.9	LSF	grey green argillaceous limestone bed minor epidote alteration		epidite							
47.9	55.5	LSF	light grey to white coarsely crystalline limestone									
55.5	64.6	GRWKE	Dark green medium coarse grained dioritized meta sedimentary rocks 63.0 - 64.0 m faulted core with serpentine along fractures		serp							

From (m)	To (m)	Rock Type	Description	Angle (to CA)	Mineral	Mineralization	Assays			Cu (%)	Mo (ppm)	Au (ppb)
							From	To	Sample #			
64.6	71.5	LST	Light grey crystalline limestone									
71.5	74.9	FLT	Fractures and broken fault zone. Shearing sub-parallel to Core axis dark green dioritic meta-sedimentary rocks serpentine along fractures and shears.	5°								
74.9	76.2	SKW	Garnet-epidote skarn intermingling with sulphides brown - white and green crystalline.			gar/epi						
76.2	109.1	LST	Light grey coarse crystalline limestone 0.3-0.5 argillaceous beds. and dark green greywacke. epidote along fractures			epi						
109.1	124.7	GRWKE	grey green greywacke with argillaceous beds likely deformed sub-parallel narrow shear	5°								
124.7	128.9	LST	light grey fine grained limestone core along on lower contact epidote along fracture surfaces	70°		epi						

From (m)	To (m)	Rock Type	Description	Angle (to CA)	Alteration	Mineralization	Assays			Au (ppb)
							From	To	Sample #	
128.9	142.3	GRWKE	Grey green weakly dioritic greywacke and siltstone. trace epidote alteration		epi					
142.3	165.5	LSF	light grey fine grained limestone interbedded with white coarsely crystalline limestone							
165.5	170.1	SKN	unmineralized epidote garnet skarn green - brown and white crystalline		gal/epi					
170.1	177.5	LSF	light grey fine grained limestone focal epidote alteration		epi					
177.5	180.7	GRWKE	medium grey green greywacke							
180.7	201.5	LSF	light grey crystalline limestone trace of epidote skarn		epi					
201.5	206.3	GRWKE	grey green greywacke lower contact core angle	30°						
206.3	216.4	MAR	white crystalline marble. lower contact core angle	80°						
216.4	228.5	GRWKE	Grey green greywacke with narrow bands of light grey & white limestone greywacke locally dioritic							
228.5			END OF HOLE.							



Kluane Drilling Ltd.  
Diamond Drill Assay Sheet  
GIN 07-05

May, 2007

Sample No.	From (m)	To (m)	Length (m)	Au g/t	Cu %	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	La ppm
666483	106.1	106.8	0.7	<0.03	<0.01	<0.2	0.40	5	95	<5	>10	<1	4	73	4	0.61	<10
666484	106.8	108.2	1.4	<0.03	0.01	<0.2	0.23	10	5	<5	>10	<1	2	51	14	0.37	<10
666485	108.2	109.7	1.5	<0.03	<0.01	<0.2	0.10	<5	<5	<5	>10	<1	<1	12	8	0.13	<10
666486	109.7	111.2	1.5	<0.03	<0.01	<0.2	0.10	5	<5	<5	>10	<1	<1	12	19	0.42	<10
666487	111.2	111.6	0.4	<0.03	<0.01	<0.2	0.05	<5	<5	<5	>10	<1	2	4	78	0.11	<10
666488	111.6	111.8	0.2	<0.03	<0.01	<0.2	0.54	135	20	<5	>10	5	8	91	13	>10	<10
666489	111.8	114.3	2.5	<0.03	<0.01	<0.2	1.12	20	<5	<5	>10	2	10	101	9	4.16	<10
666490	114.3	115.8	1.5	<0.03	<0.01	<0.2	1.33	15	<5	<5	>10	1	12	81	2	2.90	<10
666491	115.8	117.4	1.6	<0.03	<0.01	<0.2	1.31	15	<5	<5	>10	1	14	71	3	3.39	<10
666492	117.4	118.9	1.6	<0.03	<0.01	<0.2	1.30	15	<5	<5	>10	1	14	95	3	3.36	<10
666493	118.9	120.4	1.5	<0.03	<0.01	<0.2	1.12	10	15	<5	>10	1	13	86	2	2.78	<10
666494	120.4	121.3	0.9	<0.03	<0.01	<0.2	1.43	15	30	<5	>10	1	15	91	2	3.01	10
666495	121.3	122.8	1.5	<0.03	<0.01	<0.2	1.66	20	25	<5	>10	1	10	110	1	3.12	<10
666496	122.8	124.4	1.6	<0.03	<0.01	<0.2	1.45	15	10	<5	>10	1	11	99	2	3.20	<10
666497	124.4	126.5	2.1	<0.03	<0.01	<0.2	1.56	15	<5	<5	>10	2	8	90	1	4.10	<10
666498	126.5	128.4	1.9	<0.03	<0.01	<0.2	1.43	20	5	<5	>10	2	7	99	3	4.25	<10
666499	128.4	129.5	1.1	<0.03	<0.01	0.5	0.69	15	<5	<5	>10	<1	13	106	2	2.21	<10
666500	129.5	131.5	2.0	<0.03	<0.01	<0.2	1.84	20	10	<5	>10	1	29	121	<1	3.06	<10
666501	131.5	132.6	1.1	<0.03	<0.01	<0.2	1.29	20	<5	<5	>10	1	28	94	<1	2.15	20
666502	132.6	134.0	1.4	<0.03	<0.01	<0.2	1.01	10	20	<5	>10	<1	26	57	6	1.56	60
666503	134.0	135.1	1.1	<0.03	<0.01	<0.2	0.82	5	955	<5	>10	1	11	81	2	2.29	20
666504	135.1	136.6	1.5	<0.03	<0.01	<0.2	1.04	10	265	<5	4.59	<1	11	115	4	2.35	20
666505	148.3	150.3	2.0	<0.03	<0.01	<0.2	0.90	10	110	<5	7.58	<1	8	80	51	1.37	10

Kluane Drilling Ltd.  
Diamond Drill Assay Sheet  
GIN 07-05

May, 2007

Sample No.	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	Ti %	U ppm	V ppm	W ppm	Y ppm	Zn ppm
666483	0.10	178	<1	0.04	5	230	48	<5	<20	42	0.05	<10	5	<10	3	84
666484	0.30	143	1	<0.01	10	490	6	<5	<20	349	0.01	<10	5	<10	4	28
666485	0.37	115	1	0.01	2	240	4	<5	<20	375	<0.01	<10	3	<10	3	23
666486	0.33	194	4	0.01	2	220	4	<5	<20	349	<0.01	<10	3	<10	4	31
666487	0.22	435	4	0.01	1	190	6	<5	<20	464	<0.01	<10	<1	<10	3	20
666488	0.18	3414	12	0.02	<1	840	12	5	<20	20	0.01	<10	2	<10	2	24
666489	0.33	2640	107	0.01	4	420	10	<5	<20	14	0.04	<10	11	<10	2	33
666490	0.46	2584	12	0.01	7	350	10	<5	<20	16	0.04	<10	11	<10	2	50
666491	0.49	2512	<1	0.01	7	440	10	<5	<20	22	0.06	<10	13	<10	2	47
666492	0.37	2519	<1	0.01	8	880	8	<5	<20	18	0.03	<10	17	<10	2	39
666493	0.42	2720	<1	0.01	8	670	8	<5	<20	22	0.04	<10	17	<10	2	39
666494	0.50	2919	<1	0.01	13	610	10	<5	<20	29	0.05	<10	14	<10	2	54
666495	0.28	3139	3	0.01	8	610	10	<5	<20	33	0.05	<10	13	<10	2	41
666496	0.37	2592	2	<0.01	9	480	10	<5	<20	26	0.08	<10	15	<10	3	42
666497	0.34	2363	<1	0.01	4	220	12	<5	<20	19	0.05	<10	13	<10	3	47
666498	0.26	2088	2	0.01	4	360	12	<5	<20	17	0.04	<10	11	<10	3	38
666499	0.43	3465	14	0.01	11	1330	10	<5	<20	65	0.12	<10	13	<10	4	48
666500	1.02	5071	1	0.01	17	910	14	<5	<20	53	0.11	<10	18	<10	4	174
666501	0.78	3769	108	0.01	26	1290	14	<5	<20	46	0.11	<10	13	<10	4	124
666502	0.67	4164	34	0.01	29	930	12	<5	<20	211	0.09	<10	10	<10	3	86
666503	0.57	1282	1	0.03	16	660	8	<5	<20	119	<0.01	<10	13	<10	9	54
666504	0.78	472	<1	0.05	19	720	8	<5	<20	62	0.07	<10	44	<10	6	37
666505	0.78	815	1	0.04	10	780	20	<5	<20	75	0.09	<10	19	<10	4	51

Kluane Drilling Ltd.  
Diamond Drilling Assay Sheet  
VRN 07-01

May, 2007

Sample Number	From (m)	To (m)	Length (m)	Au g/t	Cu %	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	La ppm
666506	6.5	8.2	1.7	<0.03	0.03	<0.2	0.54	<5	200	<5	5.92	<1	3	38	273	0.55	<10
666507	8.2	9.8	1.6	<0.03	0.01	<0.2	1.39	30	80	<5	9.16	<1	4	38	120	0.66	10
666508	9.8	11.5	1.7	<0.03	0.01	<0.2	0.74	<5	95	<5	4.58	<1	6	91	82	1.09	10
666509	11.5	13.0	1.5	<0.03	<0.01	<0.2	0.78	<5	55	<5	4.29	<1	6	66	40	0.98	10
666510	25.9	26.9	1.0	<0.03	<0.01	<0.2	2.11	30	355	<5	>10	<1	11	39	81	2.11	10
666511	27.7	29.2	1.5	<0.03	0.01	<0.2	3.77	25	810	<5	>10	<1	25	210	153	4.43	30
666512	56.1	57.9	1.8	<0.03	0.01	<0.2	1.70	30	115	<5	>10	<1	6	22	92	1.01	<10
666513	57.9	59.5	1.6	<0.03	<0.01	<0.2	0.51	20	35	<5	>10	<1	2	9	15	0.36	<10
666514	59.5	62.0	2.5	<0.03	<0.01	<0.2	1.97	55	85	<5	>10	<1	8	26	83	1.39	<10
666515	62.0	63.0	1.0	<0.03	<0.01	<0.2	0.16	15	30	<5	>10	<1	<1	5	37	0.17	<10
666516	63.0	63.9	0.9	<0.03	0.01	<0.2	0.44	25	35	<5	>10	<1	3	10	147	0.59	<10
666517	63.9	65.4	1.5	<0.03	<0.01	<0.2	0.63	30	70	<5	>10	<1	2	11	18	0.52	<10
666518	65.4	67.0	1.6	<0.03	0.01	<0.2	2.36	20	100	<5	>10	<1	16	38	112	2.52	10
666519	67.0	68.4	1.4	<0.03	<0.01	<0.2	1.37	15	95	<5	>10	<1	7	17	45	1.19	<10
666520	79.0	79.4	0.4	<0.03	<0.01	<0.2	0.33	<5	140	5	>10	<1	5	38	26	2.98	<10
666521	133.5	134.7	1.2	<0.03	0.01	<0.2	2.65	70	210	<5	>10	<1	16	17	147	2.59	<10
666522	134.7	136.2	1.5	<0.03	<0.01	<0.2	0.59	25	220	<5	>10	<1	2	10	26	0.64	<10
666523	136.2	137.3	1.1	<0.03	<0.01	<0.2	1.21	45	155	5	>10	<1	5	11	45	1.03	<10
666524	137.3	138.5	1.2	<0.03	<0.01	<0.2	0.96	40	20	<5	>10	<1	4	8	23	0.64	<10
666525	165.0	166.1	1.1	<0.03	<0.01	<0.2	0.50	15	20	<5	>10	<1	3	13	16	0.59	<10

Kluane Drilling Ltd.  
Diamond Drilling Assay Sheet  
VRN 07-01

May, 2007

Sample Number	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	Tl %	U ppm	V ppm	W ppm	Y ppm	Zn ppm
666506	1.66	465	1	0.01	5	330	10	15	<20	19	0.02	<10	11	<10	<1	23
666507	2.01	232	1	0.02	6	770	20	15	<20	75	0.04	<10	16	<10	3	27
666508	1.03	259	<1	0.06	9	490	14	10	<20	63	0.06	<10	30	<10	7	28
666509	0.66	327	<1	0.06	8	600	18	10	<20	49	0.06	<10	27	<10	7	27
666510	3.89	3449	4	0.01	19	590	68	15	<20	220	0.05	<10	101	<10	<1	81
666511	5.19	5002	6	0.01	110	2040	44	10	<20	85	0.07	<10	143	<10	<1	109
666512	4.78	362	9	0.12	10	540	24	20	<20	263	0.07	<10	74	<10	6	15
666513	2.52	430	2	0.03	2	280	20	20	<20	389	0.02	<10	23	<10	<1	10
666514	5.73	434	5	0.05	12	690	30	20	<20	241	0.07	<10	129	<10	7	26
666515	6.50	391	3	0.01	<1	100	14	25	<20	313	<0.01	<10	24	<10	<1	6
666516	7.75	255	29	0.01	4	110	22	25	<20	296	0.02	<10	39	<10	<1	32
666517	4.34	212	19	0.02	3	170	14	20	<20	464	0.02	<10	22	<10	<1	10
666518	5.98	392	10	0.05	26	860	36	15	<20	250	0.10	<10	71	<10	9	40
666519	>10	424	6	0.02	9	320	20	25	<20	390	0.05	<10	45	<10	4	22
666520	1.31	1225	2	<0.01	3	150	14	5	<20	123	0.03	<10	27	<10	<1	27
666521	5.46	1478	4	0.01	19	2030	58	20	<20	264	0.07	<10	84	<10	3	100
666522	7.18	406	3	<0.01	3	70	16	25	<20	287	0.01	<10	17	<10	2	22
666523	7.50	685	4	<0.01	5	120	26	20	<20	268	0.02	<10	37	<10	1	31
666524	>10	1274	5	0.01	3	120	22	25	<20	363	0.02	<10	29	<10	<1	47
666525	>10	204	51	<0.01	4	30	10	30	<20	260	0.01	<10	32	<10	<1	9

Kluane Drilling Ltd.  
Diamond Drill Assay Sheet  
VRN 07-02

May, 2007

Sample No.	From (m)	To (m)	Length (m)	Au g/t	Cu %	Ag ppm	Al %	As ppm	Bappm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	La ppm
666594	8.1	10.5	2.4	<0.03	0.06	0.5	2.03	20	185	<5	5.06	1	17	47	600	2.41	<10
666595	12.3	13.6	1.3	<0.03	0.02	0.3	0.91	10	35	<5	>10	<1	7	22	180	1.31	<10
666596	13.6	15.0	1.4	<0.03	0.01	0.5	1.59	15	110	<5	>10	<1	7	22	119	0.84	<10
666597	15.0	16.7	1.7	<0.03	0.01	5.1	1.70	15	105	<5	>10	<1	7	26	190	1.40	<10
666598	16.7	18.2	1.5	<0.03	<0.01	<0.2	2.72	20	175	<5	>10	<1	10	36	55	1.91	<10
666599	18.2	18.9	0.7	<0.03	<0.01	0.2	0.82	5	65	<5	4.23	<1	8	59	71	1.10	<10
666600	18.9	20.5	1.6	<0.03	<0.01	<0.2	1.83	20	50	<5	9.91	<1	9	22	54	1.34	<10
666601	20.5	22.1	1.6	<0.03	0.01	<0.2	1.70	15	80	<5	5.41	<1	17	43	170	1.87	<10
666602	28.0	29.0	1.0	<0.03	<0.01	<0.2	1.37	10	150	<5	5.14	<1	8	39	19	1.59	<10
666603	29.0	30.5	1.5	0.05	<0.01	<0.2	0.64	5	35	<5	2.11	<1	11	66	70	1.40	10
666604	30.5	31.7	1.2	<0.03	<0.01	<0.2	0.90	5	75	<5	2.87	<1	13	97	109	2.48	10
666605	31.7	32.7	1.0	<0.03	<0.01	<0.2	1.61	15	45	<5	>10	<1	4	41	30	0.64	10
666606	32.7	34.2	1.5	<0.03	<0.01	<0.2	1.05	10	30	<5	>10	<1	5	14	31	0.78	<10
666607	63.5	64.7	1.2	<0.03	0.04	0.5	3.32	485	90	<5	7.45	2	51	73	463	5.63	<10
666608	64.7	66.1	1.4	0.03	0.05	0.4	2.59	25	65	<5	4.96	3	55	71	474	5.94	<10
666609	66.1	67.1	1.0	<0.03	<0.01	<0.2	0.76	20	30	<5	>10	1	8	7	104	1.80	<10
666610	76.0	77.0	1.0	<0.03	<0.01	<0.2	0.13	<5	25	<5	>10	<1	<1	5	8	0.24	<10
666611	77.0	78.0	1.0	<0.03	<0.01	0.2	0.39	<5	40	<5	2.75	<1	2	95	123	0.57	10
666612	78.0	78.9	0.9	<0.03	<0.01	<0.2	0.38	10	15	<5	>10	<1	2	7	19	0.48	<10
666613	78.9	80.1	1.2	<0.03	0.04	0.2	1.41	20	195	<5	>10	<1	11	14	324	1.69	<10
666614	80.1	82.2	2.1	<0.03	0.02	0.2	1.03	10	55	<5	9.93	<1	7	64	178	1.19	<10
666615	82.2	84.0	1.8	<0.03	<0.01	<0.2	0.77	10	110	<5	>10	<1	5	12	43	0.82	<10
666616	97.3	100.6	3.3	<0.03	0.01	0.3	1.03	15	90	<5	>10	<1	8	25	91	1.13	<10
666617	100.6	103.6	3.0	<0.03	0.01	<0.2	1.28	15	30	<5	>10	<1	6	12	89	0.85	<10
666618	103.6	104.0	0.4	<0.03	<0.01	0.3	0.46	10	20	<5	>10	<1	2	3	23	0.61	<10
666619	104.0	104.6	0.6	<0.03	<0.01	<0.2	0.42	5	30	<5	>10	<1	2	5	15	0.46	<10
666620	146.9	147.4	0.5	<0.03	<0.01	0.2	0.88	20	465	5	>10	2	18	9	88	2.30	<10
666621	159.0	160.0	1.0	<0.03	0.01	<0.2	1.35	15	270	<5	>10	<1	10	17	90	1.47	<10

Kluane Drilling Ltd.  
Diamond Drill Assay Sheet  
VRN 07-02

May, 2007

Sample No.	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sn ppm	Sr ppm	Ti %	U ppm	V ppm	W ppm	Y ppm	Zn ppm
666594	1.91	261	<1	0.04	28	1340	18	<5	<20	165	0.10	<10	35	<10	6	63
666595	1.68	779	<1	0.01	8	540	10	<5	<20	152	0.02	<10	28	<10	3	51
666596	2.88	391	2	0.02	8	450	14	<5	<20	74	0.06	<10	26	<10	2	80
666597	2.71	687	<1	0.02	11	810	8	<5	<20	162	0.05	<10	31	<10	4	69
666598	4.30	982	<1	<0.01	17	600	16	<5	<20	347	0.07	<10	40	<10	5	108
666599	0.97	268	<1	0.05	12	900	6	<5	<20	86	0.09	<10	23	<10	5	29
666600	6.98	422	<1	<0.01	9	270	10	<5	<20	25	0.03	<10	6	<10	2	91
666601	2.16	254	<1	0.03	21	860	16	<5	<20	90	0.08	<10	33	<10	4	45
666602	0.67	304	<1	0.06	7	870	10	<5	<20	172	0.12	<10	36	<10	6	26
666603	0.47	185	<1	0.08	17	1090	6	<5	<20	120	0.10	<10	35	<10	5	18
666604	0.72	331	<1	0.06	20	1240	8	<5	<20	128	0.11	<10	72	<10	6	32
666605	0.45	318	<1	0.04	8	760	12	<5	<20	84	0.07	<10	12	<10	4	17
666606	6.81	304	<1	0.01	7	140	10	<5	<20	299	0.05	<10	20	<10	3	46
666607	4.23	876	16	0.03	45	1610	32	<5	<20	119	0.23	<10	202	<10	9	140
666608	2.89	643	90	0.03	46	1620	20	<5	<20	70	0.28	<10	163	<10	11	95
666609	7.56	743	6	<0.01	10	740	10	<5	<20	347	0.04	<10	20	<10	7	129
666610	1.79	186	6	<0.01	2	60	4	<5	<20	409	<0.01	<10	<1	<10	<1	8
666611	0.48	240	3	0.04	6	210	10	<5	<20	38	0.04	<10	3	<10	2	21
666612	3.12	428	5	<0.01	3	120	16	<5	<20	414	0.01	<10	8	<10	1	24
666613	6.01	597	<1	0.01	12	520	16	<5	<20	411	0.05	<10	24	<10	5	70
666614	1.69	577	13	0.03	9	460	14	<5	<20	163	0.05	<10	16	<10	3	49
666615	8.59	290	<1	0.01	6	240	16	<5	<20	2118	0.03	<10	24	<10	3	31
666616	2.84	659	<1	0.01	8	800	14	<5	<20	331	0.03	<10	22	<10	3	85
666617	4.34	553	<1	<0.01	8	750	12	<5	<20	284	0.04	<10	31	<10	4	27
666618	4.81	580	<1	0.01	2	50	22	<5	<20	373	0.01	<10	11	<10	3	31
666619	9.68	264	8	<0.01	3	40	6	<5	<20	361	<0.01	<10	10	<10	1	15
666620	2.69	6161	<1	0.01	7	100	28	<5	<20	239	0.02	<10	35	<10	6	37
666621	6.47	468	2	0.02	13	1380	16	<5	<20	535	0.05	<10	42	<10	8	22

**APPENDIX 6**

**ECO TECH LABORATORIES**

**ASSAY CERTIFICATES**

## CERTIFICATE OF ASSAY AW 2007- 7018

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Kluane Drilling Ltd.  
14 Mac Donald Road  
Whitehorse, YT  
Y1A 4L2

10-Jun-07

**Attention: Jim Coyne/Robert Stroshein**

*No. of samples received: 23*  
*Sample Type: Core*  
**Project: Whitehorse Copper**  
**Shipment #: 2007-3**  
*Submitted by: J. Van Randen*

ET #.	Tag #	Au (g/t)	Au (oz/t)	Cu (%)
1	666483	<0.03	<0.001	<0.01
2	666484	<0.03	<0.001	0.01
3	666485	<0.03	<0.001	<0.01
4	666486	<0.03	<0.001	<0.01
5	666487	<0.03	<0.001	<0.01
6	666488	<0.03	<0.001	<0.01
7	666489	<0.03	<0.001	<0.01
8	666490	<0.03	<0.001	<0.01
9	666491	<0.03	<0.001	<0.01
10	666492	<0.03	<0.001	<0.01
11	666493	<0.03	<0.001	<0.01
12	666494	<0.03	<0.001	<0.01
13	666495	<0.03	<0.001	<0.01
14	666496	<0.03	<0.001	<0.01
15	666497	<0.03	<0.001	<0.01
16	666498	<0.03	<0.001	<0.01
17	666499	<0.03	<0.001	<0.01
18	666500	<0.03	<0.001	<0.01
19	666501	<0.03	<0.001	<0.01
20	666502	<0.03	<0.001	<0.01

**ECO TECH LABORATORY LTD.**

Jutta Jealouse  
B.C. Certified Assayer

Kluane Drilling Ltd. AW7-7018

10-Jun-07

ET #.	Tag #	Au (g/t)	Au (oz/t)	Cu (%)
21	666503	<0.03	<0.001	<0.01
22	666504	<0.03	<0.001	<0.01
23	666505	<0.03	<0.001	<0.01

QC DATA:

**Repeat:**

1	666483	<0.03	<0.001	<0.01
10	666492	<0.03	<0.001	<0.01
19	666501	<0.03	<0.001	<0.01

**Resplits:**

1	666483	<0.03	<0.001	<0.01
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**Standard:**

S125	1.79	0.052	
Cu120			1.53

JJ/bp  
XLS/07

**ECO TECH LABORATORY LTD.**  
Jutta Jealouse  
B.C. Certified Assayer

Phone: 250-573-5700  
Fax: 250-573-4557

Attention: Jim Coyne/Robert Strosheim

No. of samples received: 23  
Sample Type: Core  
Project: Whitehorse Copper  
Shipment #: 2007-3  
Submitted by: J. Van Randen

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	666483	<0.2	0.40	5	95	<5	>10	<1	4	73	4	0.61	<10	0.10	178	<1	0.04	5	230	48	<5	<20	42	0.05	<10	5	<10	3	84
2	666484	<0.2	0.23	10	5	<5	>10	<1	2	51	14	0.37	<10	0.30	143	1	<0.01	10	490	6	<5	<20	349	0.01	<10	5	<10	4	28
3	666485	<0.2	0.10	<5	<5	<5	>10	<1	<1	12	8	0.13	<10	0.37	115	1	0.01	2	240	4	<5	<20	375	<0.01	<10	3	<10	3	23
4	666486	<0.2	0.10	5	<5	<5	>10	<1	<1	12	19	0.42	<10	0.33	194	4	0.01	2	220	4	<5	<20	349	<0.01	<10	3	<10	4	31
5	666487	<0.2	0.05	<5	<5	<5	>10	<1	2	4	78	0.11	<10	0.22	435	4	0.01	1	190	6	<5	<20	464	<0.01	<10	<1	<10	3	20
6	666488	<0.2	0.54	135	20	<5	>10	5	8	91	13	>10	<10	0.18	3414	12	0.02	<1	840	12	5	<20	20	0.01	<10	2	<10	2	24
7	666489	<0.2	1.12	20	<5	<5	>10	2	10	101	9	4.16	<10	0.33	2640	107	0.01	4	420	10	<5	<20	14	0.04	<10	11	<10	2	33
8	666490	<0.2	1.33	15	<5	<5	>10	1	12	81	2	2.90	<10	0.46	2584	12	0.01	7	350	10	<5	<20	16	0.04	<10	11	<10	2	50
9	666491	<0.2	1.31	15	<5	<5	>10	1	14	71	3	3.39	<10	0.49	2512	<1	0.01	7	440	10	<5	<20	22	0.06	<10	13	<10	2	47
10	666492	<0.2	1.30	15	<5	<5	>10	1	14	95	3	3.36	<10	0.37	2519	<1	0.01	8	880	8	<5	<20	18	0.03	<10	17	<10	2	39
11	666493	<0.2	1.12	10	15	<5	>10	1	13	86	2	2.78	<10	0.42	2720	<1	0.01	8	670	8	<5	<20	22	0.04	<10	17	<10	2	39
12	666494	<0.2	1.43	15	30	<5	>10	1	15	91	2	3.01	10	0.50	2919	<1	0.01	13	610	10	<5	<20	29	0.05	<10	14	<10	2	54
13	666495	<0.2	1.66	20	25	<5	>10	1	10	110	1	3.12	<10	0.28	3139	3	0.01	8	610	10	<5	<20	33	0.05	<10	13	<10	2	41
14	666496	<0.2	1.45	15	10	<5	>10	1	11	99	2	3.20	<10	0.37	2592	2	<0.01	9	480	10	<5	<20	26	0.08	<10	15	<10	3	42
15	666497	<0.2	1.56	15	<5	<5	>10	2	8	90	1	4.10	<10	0.34	2363	<1	0.01	4	220	12	<5	<20	19	0.05	<10	13	<10	3	47
16	666498	<0.2	1.43	20	5	<5	>10	2	7	99	3	4.25	<10	0.26	2088	2	0.01	4	360	12	<5	<20	17	0.04	<10	11	<10	3	38
17	666499	0.5	0.69	15	<5	<5	>10	<1	13	106	2	2.21	<10	0.43	3465	14	0.01	11	1330	10	<5	<20	65	0.12	<10	13	<10	4	48
18	666500	<0.2	1.84	20	10	<5	>10	1	29	121	<1	3.06	<10	1.02	5071	1	0.01	17	910	14	<5	<20	53	0.11	<10	18	<10	4	174
19	666501	<0.2	1.29	20	<5	<5	>10	1	28	94	<1	2.15	20	0.78	3769	108	0.01	26	1290	14	<5	<20	46	0.11	<10	13	<10	4	124
20	666502	<0.2	1.01	10	20	<5	>10	<1	26	57	6	1.56	60	0.67	4164	34	0.01	29	930	12	<5	<20	211	0.09	<10	10	<10	3	86
21	666503	<0.2	0.82	5	955	<5	>10	1	11	81	2	2.29	20	0.57	1282	1	0.03	16	660	8	<5	<20	119	<0.01	<10	13	<10	9	54
22	666504	<0.2	1.04	10	265	<5	4.59	<1	11	115	4	2.35	20	0.78	472	<1	0.05	19	720	8	<5	<20	62	0.07	<10	44	<10	6	37
23	666505	<0.2	0.90	10	110	<5	7.58	<1	8	80	51	1.37	10	0.78	815	1	0.04	10	780	20	<5	<20	75	0.09	<10	19	<10	4	51

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
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**QC DATA:**

**Repeat:**

1	666483	<0.2	0.38	5	95	<5	>10	<1	4	70	3	0.61	<10	0.10	177	<1	0.04	5	230	42	<5	<20	41	0.04	<10	5	<10	3	72
10	666492	<0.2	1.17	15	<5	<5	>10	1	13	90	3	3.13	<10	0.35	2476	<1	0.01	8	830	8	<5	<20	17	0.03	<10	15	<10	2	38
19	666501	<0.2	1.22	15	<5	<5	>10	<1	22	86	<1	2.07	20	0.77	3680	98	0.01	21	1110	12	<5	<20	46	0.08	<10	12	<10	4	107

**Resplit:**

1	666483	<0.2	0.35	5	105	<5	>10	<1	3	65	3	0.56	<10	0.12	194	<1	0.04	5	220	34	<5	<20	45	0.04	<10	4	<10	3	70
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**Standard:**

PB113		11.8	0.27	60	50	<5	1.63	47	2	4	2273	1.23	<10	0.10	1594	61	0.02	<1	90	5556	10	<20	114	0.01	<10	7	<10	1	7089
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**ECO TECH LABORATORY LTD.**  
 Jutta Jealous  
 B.C. Certified Assayer

JJ/kk  
 dt/n7024  
 XLS/07

# CERTIFICATE OF ASSAY AK 2007- 7019

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**Kluane Drilling Ltd.**  
14 Mac Donald Road  
Whitehorse, YT  
Y1A 4L2

09-Jun-07

**Attention: Jim Coyne/Robert Stroshein**

*No. of samples received 20*  
*Sample Type: Core*  
*Project: Whitehorse Copper*  
*Shipment #: 2007-4*  
*Submitted by: J Van Randen*

ET #.	Tag #	Au (g/t)	Au (oz/t)	Cu %
1	666506	<0.03	<0.001	0.03
2	666507	<0.03	<0.001	0.01
3	666508	<0.03	<0.001	0.01
4	666509	<0.03	<0.001	<0.01
5	666510	<0.03	<0.001	<0.01
6	666511	<0.03	<0.001	0.01
7	666512	<0.03	<0.001	0.01
8	666513	<0.03	<0.001	<0.01
9	666514	<0.03	<0.001	<0.01
10	666515	<0.03	<0.001	<0.01
11	666516	<0.03	<0.001	0.01
12	666517	<0.03	<0.001	<0.01
13	666518	<0.03	<0.001	0.01
14	666519	<0.03	<0.001	<0.01
15	666520	<0.03	<0.001	<0.01
16	666521	<0.03	<0.001	0.01
17	666522	<0.03	<0.001	<0.01
18	666523	<0.03	<0.001	<0.01
19	666524	<0.03	<0.001	<0.01
20	666525	<0.03	<0.001	<0.01

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**ECO TECH LABORATORY LTD.**  
Jutta Jealouse  
B.C. Certified Assayer

ET #.	Tag #	Au (g/t)	Au (oz/t)	Cu %
<b>QC DATA:</b>				
<i>Repeat:</i>				
1	666506	<0.03	<0.001	0.02
10	666515	<0.03	<0.001	<0.01
<i>Resplit:</i>				
1	666506	<0.03	<0.001	0.03
<b>Standard:</b>				
S125		1.80	0.052	
Cu125				1.56

JJ/bp  
XLS/07

**ECO TECH LABORATORY LTD.**  
Jutta Jealous  
B.C. Certified Assayer

Phone 250-573-5700  
Fax 250-573-4557

Attention: Jim Coyne/Robert Strosheim

No. of samples received: 20  
Sample Type: Core  
Project: Whitehorse Copper  
Shipment #: 2007-4  
Submitted by: J. Van Randen

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	666506	<0.2	0.54	<5	200	<5	5.92	<1	3	38	273	0.55	<10	1.66	465	1	0.01	5	330	10	15	<20	19	0.02	<10	11	<10	<1	23
2	666507	<0.2	1.39	30	80	<5	9.16	<1	4	38	120	0.66	10	2.01	232	1	0.02	6	770	20	15	<20	75	0.04	<10	16	<10	3	27
3	666508	<0.2	0.74	<5	95	<5	4.58	<1	6	91	82	1.09	10	1.03	259	<1	0.06	9	490	14	10	<20	63	0.06	<10	30	<10	7	28
4	666509	<0.2	0.78	<5	55	<5	4.29	<1	6	66	40	0.98	10	0.66	327	<1	0.06	8	600	18	10	<20	49	0.06	<10	27	<10	7	27
5	666510	<0.2	2.11	30	355	<5	>10	<1	11	39	81	2.11	10	3.89	3449	4	0.01	19	590	68	15	<20	220	0.05	<10	101	<10	<1	81
6	666511	<0.2	3.77	25	810	<5	>10	<1	25	210	153	4.43	30	5.19	5002	6	0.01	110	2040	44	10	<20	85	0.07	<10	143	<10	<1	109
7	666512	<0.2	1.70	30	115	<5	>10	<1	6	22	92	1.01	<10	4.78	362	9	0.12	10	540	24	20	<20	263	0.07	<10	74	<10	6	15
8	666513	<0.2	0.51	20	35	<5	>10	<1	2	9	15	0.36	<10	2.52	430	2	0.03	2	280	20	20	<20	389	0.02	<10	23	<10	<1	10
9	666514	<0.2	1.97	55	85	<5	>10	<1	8	26	83	1.39	<10	5.73	434	5	0.05	12	690	30	20	<20	241	0.07	<10	129	<10	7	26
10	666515	<0.2	0.16	15	30	<5	>10	<1	<1	5	37	0.17	<10	6.50	391	3	0.01	<1	100	14	25	<20	313	<0.01	<10	24	<10	<1	6
11	666516	<0.2	0.44	25	35	<5	>10	<1	3	10	147	0.59	<10	7.75	255	29	0.01	4	110	22	25	<20	296	0.02	<10	39	<10	<1	32
12	666517	<0.2	0.63	30	70	<5	>10	<1	2	11	18	0.52	<10	4.34	212	19	0.02	3	170	14	20	<20	464	0.02	<10	22	<10	<1	10
13	666518	<0.2	2.36	20	100	<5	>10	<1	16	38	112	2.52	10	5.98	392	10	0.05	26	860	36	15	<20	250	0.10	<10	71	<10	9	40
14	666519	<0.2	1.37	15	95	<5	>10	<1	7	17	45	1.19	<10	>10	424	6	0.02	9	320	20	25	<20	390	0.05	<10	45	<10	4	22
15	666520	<0.2	0.33	<5	140	5	>10	<1	5	38	26	2.98	<10	1.31	1225	2	<0.01	3	150	14	5	<20	123	0.03	<10	27	<10	<1	27
16	666521	<0.2	2.65	70	210	<5	>10	<1	16	17	147	2.59	<10	5.46	1478	4	0.01	19	2030	58	20	<20	264	0.07	<10	84	<10	3	100
17	666522	<0.2	0.59	25	220	<5	>10	<1	2	10	26	0.64	<10	7.18	406	3	<0.01	3	70	16	25	<20	287	0.01	<10	17	<10	2	22
18	666523	<0.2	1.21	45	155	5	>10	<1	5	11	45	1.03	<10	7.50	685	4	<0.01	5	120	26	20	<20	268	0.02	<10	37	<10	1	31
19	666524	<0.2	0.96	40	20	<5	>10	<1	4	8	23	0.64	<10	>10	1274	5	0.01	3	120	22	25	<20	363	0.02	<10	29	<10	<1	47
20	666525	<0.2	0.50	15	20	<5	>10	<1	3	13	16	0.59	<10	>10	204	51	<0.01	4	30	10	30	<20	260	0.01	<10	32	<10	<1	9

QC DATA:

Repeat:

1	666506	<0.2	0.54	5	205	<5	5.80	<1	3	37	280	0.54	<10	1.60	467	1	0.01	5	330	12	10	<20	20	0.02	<10	11	<10	1	22
10	666515	<0.2	0.16	15	35	<5	>10	<1	<1	5	35	0.17	<10	6.60	395	3	0.01	<1	100	12	25	<20	321	<0.01	<10	24	<10	<1	6

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
<b>Resplit:</b>																													
1	666506	<0.2	0.52	<5	220	<5	6.05	<1	3	35	280	0.53	<10	1.53	482	1	0.02	4	290	8	10	<20	22	0.02	<10	10	<10	1	21
<b>Standard:</b>																													
PB113		11.0	0.28	60	55	<5	1.70	40	3	6	2391	1.05	<10	0.12	1519	56	0.02	1	70	5416	10	<20	71	0.02	<10	8	10	<1	7136

JJ/sa  
 dt/7022c  
 XLS/07

**ECO TECH LABORATORY LTD.**  
 Jutta Jealous  
 B C Certified Assayer

**CERTIFICATE OF ASSAY AK 2007-7026**

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**Kluane Drilling Ltd.**  
14 Mac Donald Road  
Whitehorse, YT  
Y1A 4L2

10-Jun-07

**Attention: Jim Coyne/Robert Stroshein**

*No. of samples received: 28*  
*Sample Type: Core*  
*Project: Whitehorse Copper*  
*Shipment #: 2007-6*  
*Submitted by: J. Van Randen*

<b>ET #.</b>	<b>Tag #</b>	<b>Au (g/t)</b>	<b>Au (oz/t)</b>	<b>Cu %</b>
1	666594	<0.03	<0.001	0.06
2	666595	<0.03	<0.001	0.02
3	666596	<0.03	<0.001	0.01
4	666597	<0.03	<0.001	0.01
5	666598	<0.03	<0.001	<0.01
6	666599	<0.03	<0.001	<0.01
7	666600	<0.03	<0.001	<0.01
8	666601	<0.03	<0.001	0.01
9	666602	<0.03	<0.001	<0.01
10	666603	0.05	0.001	<0.01
11	666604	<0.03	<0.001	<0.01
12	666605	<0.03	<0.001	<0.01
13	666606	<0.03	<0.001	<0.01
14	666607	<0.03	<0.001	0.04
15	666608	0.03	0.001	0.05
16	666609	<0.03	<0.001	<0.01
17	666610	<0.03	<0.001	<0.01
18	666611	<0.03	<0.001	<0.01
19	666612	<0.03	<0.001	<0.01
20	666613	<0.03	<0.001	0.04

**ECO TECH LABORATORY LTD.**

Jutta Jealouse

B.C. Certified Assayer

Kluane Drilling Ltd. AW7-7026

10-Jun-07

ET #.	Tag #	Au (g/t)	Au (oz/t)	Cu %
21	666614	<0.03	<0.001	0.02
22	666615	<0.03	<0.001	<0.01
23	666616	<0.03	<0.001	0.01
24	666617	<0.03	<0.001	0.01
25	666618	<0.03	<0.001	<0.01
26	666619	<0.03	<0.001	<0.01
27	666620	<0.03	<0.001	<0.01
28	666621	<0.03	<0.001	0.01

QC DATA:

**Repeat:**

1	666594	<0.03	<0.001	0.05
10	666603	0.03	0.001	<0.01
19	666612	<0.03	<0.001	<0.01

**Resplit:**

1	666594	<0.03	<0.001	0.06
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**Standard:**

SI25	1.77	0.052	
CU120			1.54

JJ/bp  
XLS/07

**ECO TECH LABORATORY LTD.**  
Jutta Jealous  
B.C. Certified Assayer

Phone 250-573-5700  
Fax 250-573-4557

Attention: Jim Coyne/Robert Stroshein

No of samples received 28  
Sample Type Core  
Project: Whitehorse Copper  
Shipment #: 2007-6  
Submitted by J Van Randen

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	666594	0.5	2.03	20	185	<5	5.06	1	17	47	600	2.41	<10	1.91	261	<1	0.04	28	1340	18	<5	<20	165	0.10	<10	35	<10	6	63
2	666595	0.3	0.91	10	35	<5	>10	<1	7	22	180	1.31	<10	1.68	779	<1	0.01	8	540	10	<5	<20	152	0.02	<10	28	<10	3	51
3	666596	0.5	1.59	15	110	<5	>10	<1	7	22	119	0.84	<10	2.88	391	2	0.02	8	450	14	<5	<20	74	0.06	<10	26	<10	2	80
4	666597	5.1	1.70	15	105	<5	>10	<1	7	26	190	1.40	<10	2.71	687	<1	0.02	11	810	8	<5	<20	162	0.05	<10	31	<10	4	69
5	666598	<0.2	2.72	20	175	<5	>10	<1	10	36	55	1.91	<10	4.30	982	<1	<0.01	17	600	16	<5	<20	347	0.07	<10	40	<10	5	108
6	666599	0.2	0.82	5	65	<5	4.23	<1	8	59	71	1.10	<10	0.97	268	<1	0.05	12	900	6	<5	<20	86	0.09	<10	23	<10	5	29
7	666600	<0.2	1.83	20	50	<5	9.91	<1	9	22	54	1.34	<10	6.98	422	<1	<0.01	9	270	10	<5	<20	25	0.03	<10	6	<10	2	91
8	666601	<0.2	1.70	15	80	<5	5.41	<1	17	43	170	1.87	<10	2.16	254	<1	0.03	21	860	16	<5	<20	90	0.08	<10	33	<10	4	45
9	666602	<0.2	1.37	10	150	<5	5.14	<1	8	39	19	1.59	<10	0.67	304	<1	0.06	7	870	10	<5	<20	172	0.12	<10	36	<10	6	26
10	666603	<0.2	0.64	5	35	<5	2.11	<1	11	66	70	1.40	10	0.47	185	<1	0.06	17	1090	6	<5	<20	120	0.10	<10	35	<10	5	18
11	666604	<0.2	0.90	5	75	<5	2.87	<1	13	97	109	2.48	10	0.72	331	<1	0.06	20	1240	8	<5	<20	128	0.11	<10	72	<10	6	32
12	666605	<0.2	1.61	15	45	<5	>10	<1	4	41	30	0.64	10	0.45	318	<1	0.04	8	760	12	<5	<20	84	0.07	<10	12	<10	4	17
13	666606	<0.2	1.05	10	30	<5	>10	<1	5	14	31	0.78	<10	6.81	304	<1	0.01	7	140	10	<5	<20	299	0.05	<10	20	<10	3	46
14	666607	0.5	3.32	485	90	<5	7.45	2	51	73	463	5.63	<10	4.23	876	16	0.03	45	1610	32	<5	<20	119	0.23	<10	202	<10	9	140
15	666608	0.4	2.59	25	65	<5	4.96	3	55	71	474	5.94	<10	2.89	643	90	0.03	46	1620	20	<5	<20	70	0.28	<10	163	<10	11	95
16	666609	<0.2	0.76	20	30	<5	>10	1	8	7	104	1.80	<10	7.56	743	6	<0.01	10	740	10	<5	<20	347	0.04	<10	20	<10	7	129
17	666610	<0.2	0.13	<5	25	<5	>10	<1	<1	5	8	0.24	<10	1.79	186	6	<0.01	2	60	4	<5	<20	409	<0.01	<10	<1	<10	<1	8
18	666611	0.2	0.39	<5	40	<5	2.75	<1	2	95	123	0.57	10	0.48	240	3	0.04	6	210	10	<5	<20	38	0.04	<10	3	<10	2	21
19	666612	<0.2	0.38	10	15	<5	>10	<1	2	7	19	0.48	<10	3.12	428	5	<0.01	3	120	16	<5	<20	414	0.01	<10	8	<10	1	24
20	666613	0.2	1.41	20	195	<5	>10	<1	11	14	324	1.69	<10	6.01	597	<1	0.01	12	520	16	<5	<20	411	0.05	<10	24	<10	5	70
21	666614	0.2	1.03	10	55	<5	9.93	<1	7	64	178	1.19	<10	1.69	577	13	0.03	9	460	14	<5	<20	163	0.05	<10	16	<10	3	49
22	666615	<0.2	0.77	10	110	<5	>10	<1	5	12	43	0.82	<10	8.59	290	<1	0.01	6	240	16	<5	<20	2118	0.03	<10	24	<10	3	31
23	666616	0.3	1.03	15	90	<5	>10	<1	8	25	91	1.13	<10	2.84	659	<1	0.01	8	800	14	<5	<20	331	0.03	<10	22	<10	3	85
24	666617	<0.2	1.28	15	30	<5	>10	<1	6	12	89	0.85	<10	4.34	553	<1	<0.01	8	750	12	<5	<20	284	0.04	<10	31	<10	4	27
25	666618	0.3	0.46	10	20	<5	>10	<1	2	3	23	0.61	<10	4.81	580	<1	0.01	2	50	22	<5	<20	373	0.01	<10	11	<10	3	31
26	666619	<0.2	0.42	5	30	<5	>10	<1	2	5	15	0.46	<10	9.68	264	8	<0.01	3	40	6	<5	<20	361	<0.01	<10	10	<10	1	15
27	666620	0.2	0.88	20	465	5	>10	2	18	9	88	2.30	<10	2.69	6161	<1	0.01	7	100	28	<5	<20	239	0.02	<10	35	<10	6	37
28	666621	<0.2	1.35	15	270	<5	>10	<1	10	17	90	1.47	<10	6.47	468	2	0.02	13	1380	16	<5	<20	535	0.05	<10	42	<10	8	22

Et #	Tag #	Ag	Al %	As	Ba	BI	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
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**QC DATA:**

<b>Repeat:</b>		Ag	Al %	As	Ba	BI	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
1	666594	0.6	2.11	20	200	<5	5.19	<1	18	50	673	2.63	<10	2.08	273	<1	0.04	30	1440	14	<5	<20	154	0.08	<10	35	<10	6	60
10	666603	<0.2	0.61	5	35	<5	2.02	<1	11	66	71	1.38	10	0.46	175	<1	0.06	17	1090	6	<5	<20	109	0.09	<10	34	<10	5	17
19	666612	<0.2	0.37	10	20	<5	>10	<1	2	7	18	0.47	<10	2.99	496	5	0.01	3	120	20	<5	<20	423	0.01	<10	8	<10	1	24
<b>Resplit:</b>		Ag	Al %	As	Ba	BI	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
1	666594	0.6	2.24	20	190	<5	5.23	<1	18	49	653	2.61	<10	2.07	283	<1	0.04	29	1430	16	<5	<20	175	0.10	<10	35	<10	7	60
<b>Standard:</b>		Ag	Al %	As	Ba	BI	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
PB113		11.4	0.28	55	60	<5	1.68	46	2	3	2350	1.18	<10	0.10	1547	61	0.02	1	80	5496	10	<20	61	0.01	<10	5	<10	1	7008

**ECO TECH LABORATORY LTD.**  
 Jutta Jealouse  
 B.C. Certified Assayer

JJ/kk  
 d/n7024  
 XLS/07

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