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Gold Commissioner's Office

VANCOUVER, B.C. EXPLORATION & DIAMOND DRILL REPORT

THE TAY PROPERTY PROJECT

Taylor River, Alberni Mining Division Vancouver Island, British Columbia, Canada

> DALMATION RESOURCES, LIMITED Owner & Operator

A Report By Michael James Skopos, B. Sc. Professional Geologicst CAL SURVEY BRANCH ASSESSMENT REPORT

February 18, 2000

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#### INTRODUCTION

The writer was retained by Dalmation Resources, Limited of Vancouver, British Columbia, Canada to assess the Tay Project at Taylor River near Port Alberni, British Columbia. This work included reviewing, evaluating and completing a \$45,130.00 exploration and diamond drill program. The permitting work required by the British Columbia Ministry of Energy & Mines, Energy & Minerals Division, Mines Branch began August 5, 1999 with the clearance of three different drill sites/zones - the Apex, G-2 and E-15. These three different geological, geophysical anomalous precious and base metal target zones were explored, tested and drilled. The work was completed during the period of September 15 through October 30, 1999.

#### LOCATION

The Tay Property is located at the Taylor River in the Alberni Mining Division on Vancouver Island, British Columbia, Canada.

- NTS 92F/6W & 6E
- Latitude 49° 16' 49° 20.5'
- Longitude 125° 13' 125° 20'

The property is located to the west and north of Sproat Lake, Taylor River Valley and is easily accessible from Highway 4.

#### PROPERTY DEFINITION

The property is comprised of the following claims:

Tay 1-17	200016-200049
Nora 1-3	200158, 200159 & 200487
Abraham 1-8	200216-200223
Sunshine	324000
D. A.	200245
Diane	325281
DTN	200488
MIR	200244
Spotty	331686 & 329078
Men 1	334682
Triumph 2 & 3	200485 & 200486
S & P 1	630405

## TOPOGRAPHY & VEGETATION

The Taylor River Valley is characterized by a relatively narrow flat valley floor in the lower Taylor River area consisting of steep bluff and benches north into the Central Valley. Portions of the claims have been logged and burned giving the area and terrain a burned, rough, barren appearance. Elevations range 30 meters in the Taylor River area to 1,300 meters into the Porter Mountain and Central Valley Lake areas.

The steepness of the hillside to the north may be related to the Bedwell Granite Batholith Intrusion. Growth that seems to be thriving in the area consists of spruce, yellow hemlock, Douglas fir and huckleberry.

## HISTORY

The exploratory history of the Tay Property dates back to 1899. During the period of 1899 through 1934, surface and limited underground adit development was conducted on the centrally located gold bearing quartz veins known as the Apex, Morning and Tay Veins. From 1934 through 1974, several junior mining companies completed diamond drilling, adit development, sampling and magnetometer surveys on the Tay Vein. These companies included Silurian Chieftain Mining Company, Ltd., Lou Mex Mines, Ltd., Highland Mercury Mines, Ltd., Teck Exploration, Ltd. and Gold Valley Resources, Ltd.

In 1974, Dalmation Resources, Ltd. initiated prospecting with a series of geological, geochemical and soil surveys. The geophysical surveys included Induced Polarization, Ground Magnetic and Electromagnetic Survey. They commenced in the Tay Vein area and gradually spread out along the east-west trend of the veins and eventually to south of the Taylor River, the Renegade Grid South. An area north of the Tay Vein covering the Apex Vein and Knob Zone Prospect and an area east of Doran Lake, the Renegade Grid North, was explored in 1988.

Extensive diamond drilling, 70 holes totaling 8334 meters, was completed on the Tay, Slide, Apex and Knob Zones by Dalmation between 1980 through 1994. With over 60 holes, the Tay Vein has a resource of 145,000 tons grading 0.063 ounces per ton gold. Two holes into the Knob Zone defined a gold-copper bearing quartz-carbonate stockwork breccia mineralization. This gold soil geochemistry anomaly with a coincident induced polarization and VLF-EM anomalies remain open for further exploration. In 1996, Aerodat, Inc. completed a combined helicopter borne electromagnetic, magnetic and radiometric survey over the Tay Property. The survey covered 51 square kilometers. Following the Aerodat survey in the same year, the independent consultant A. A. Burgoyne completed a detailed review with previous geological, geochemical and geophysical data defining and outlining 34 targets.

The following year, Dalmation drilled 8 holes exploring anomalous targets - the Apex Zone and the Knob Zone. Both intersected good gold-copper values. Geophysical prospecting returned a 0.5% and 1.0% copper assays in the Knob target area. In 1999, Dalmation's follow-up exploratory and diamond drill program of 6 holes totaling 457.3 meters (1,500') returned good base and precious metal values in the S & P 1 Calim, E-15 Target Area. Four surface channel samples taken at 15' intervals averaged 1.53% copper, 0.33 ounces per ton silver and 0.063% zinc per ton across an average width of 3.35 meters (11'). Please see E-15 Target Plan, Figure 3.

Three shallow diamond drill holes drilled directly below the surface intersected copper values assaying from 0.014% to 1.06% copper per ton, silver assaying 0.009 to 0.18 ounces per ton and zinc assaying 0.007 to 0.25% per ton.

The discovery of the skarn magnetite copper-silver and zinc deposition occurs between the Bedwell Granite Batholite Intrusive and the Karmutsen Volcanics and may be related to the Taylor River Fault, Azimuth 110°. Two other holes drilled intersected low copper-gold assays in the Apex Target.

#### GEOLOGY

#### Regional Geology

The Tay River Property area is within the insular belt which is the westermost major tectonic subdivision of the Canadian Cordillera. The area is dominated by a thick sequence of the Upper Triassic Karmutsen Formation which is composed of basic flows, pillows and basalt breccias.

Jurassic aged Island Intrusions form as batholiths and stocks of granitoid rocks ranging from quartz diorite to granite are extensive and intrude the Karmutsen Formation. The main intrusion in the area and on the Tay Property is the Bedwell Batholith of diorite composition. The general structure is almost entirely dominated by steep faults. Faulting and rifting may have occurred and initiated during the outflow of Karmutsen lavas in late Triassic time. The general trend of the fault systems is westerly and northerly.

### Local Geology

The dominant lithologies in the area include the Upper Triassic Karmutsen Formation composed of pillowed basalt flows, massive flows and related breccias. In 1988, C.A.R. Lammie reports basalt on the north side of the Taylor River form pillowed basalt flows at lower elevations and grade to basalt breccias at about 600 meters elevation. The basalts trend roughly with the Taylor River and dip 20° to 30° north.

Major faults, such as those expressed topographically by the generally west-northwest (110 degrees) trending Taylor River and the Great Central Lake create a graben-like structural form in the area. In addition, a secondary complementary or conjugate fault system trends northwest 320°. Several of these northwest trending fault zones cross the property, one of the most prominent crosses Doran Lake.

Other major structural trends are north, west and possibly northeast. The two main directional fault and associated fracture systems that trend 110° and 320° appear to provide the main controls to mineralization on the property, however, northerly and northeasterly trending fault structures may also be important.

The main Tay Vein System has been a westerly trending shear or fault hosted gold-bearing quartz carbonate. The Knob Zone east of Doran Lake is a fault hosted gold-bearing quartz carbonate stockwork vein system. The E-15 Target is a skarn copper-precious metals style mineralization, probably related to the main Taylor River 110° Azimuth fault zone.

#### WORK PROGRAM

The Tay Property Work Program included a detailed review of past history, geology, engineering, geochemistry, geophysics and diamond drilling. Included is staking of the S & P 1 Mining Claim, covering the E-15 Target and discovery of a good surface base and precious metal showing and diamond drilling of three anomalous targets. This discovery by the writer shows skarn, copper, zinc and precious metal style deposition.

Kendricks Drilling of British Columbia completed 6 diamond drill holes totaling 457.3 meters (1,500') in three target areas

- the Apex, G-2 and the E-15 September 15, 1999 through October 30, 1999. The drilling program was designed to explore the three anomalous zones previously outlined by Al Bourgoune, Professional Engineer.

Minor copper-precious metal results were returned in the Apex area with good precious-base metal assays in the E-15 area. Three diamond drill holes intersected significant copper values which could be the source of the airborne E-15 300 meter diameter resistativity anomaly.

The core was split, logged and assayed by Chemex Laboratory of Vancouver, British Columbia. Please see Diamond Drill Results.

### APEX TARGET

Two Diamond Drill Holes (DDH), DDH 99-1 and DDH 99-2, were completed in the central portion of the property on the Tay Claims testing the western extension potential of the precious metals of the copper values previously intersected on surface and at depth. DDH 99-1 intersected low copper values and was drilled north to a depth of 314' and DDH 99-2 drilled to the west was drilled to a depth of 247'. Both holes returned low gold and copper values.

### G-2 TARGET

DDH 99-5, which was designed to the test porphyry type copper is between the Bedwell Granite Batholith Intrusive and the Karmutsen Volcanics, was stopped at a depth of 67' due to heavy overburden, not reaching its target.

### E-15 TARGET

Three drill holes, DDH 99-3, DDH 99-4 and DDH 99-6, a total of 265.9 meters (872'), tested the down dip extension of a new surface skarn style copper, zinc and silver discovery which may be the source for the E-15 airborne geophysical anomaly located at the contact between the Bedwell Granite Batholith and the Karmutsen Volcanics. This target is located in the western portion of the property, the S & P 1 Claim.

# DIAMOND DRILLING RESULTS

DIAN	AOND DRILL HOLE	LOCATION	ZONE	DEPTH/METERS	DEPTH/FEET
וותת	0.0.1		3		214
	99-1	Tay Claim	Apex	95.74	314
DDH	99-2	Tay Claim	Apex	/5.3	247
DDH	99-3	S & P1	E-15	95.74	314
DDH	99-4		E-15	4/.9	157
DDH	99-5	S & P1	E-15	122.3	401
DDH	99-6	Nora 2	G-2	20.4	67
TOTA	L DIAMOND DRILLI	ING COMPLETE	D	457.3 Meters	1,500'
STAT	EMENT OF EXPENDI	TURES			
Cont	ractor Arnold Ke	endricks of	Kendric	ks Drilling com	pleted
6 đi	amond drill hole	s totaling	457.3 m	eters or 1,500	feet.
	1.500 feet X \$2	0 per foot		\$30	.000.00
	Loader rental,	drill pads,	etc.	\$2	,250.00
	Sub Total			\$32	,250.00
Geol hole	ogy, engineering s. splitting & l	, reports, ogging core	surveyi . and c	ng, exploration	, spotting he
pern	itting requireme	ents of the	British	Colubmia Minis	try of
Ener	gy & Mines, Ener	gy & Minera	ls Divi	sion, Mines Bra	nch.

Geologist, 35 days @ \$190 per day	\$6,650.00
Assistant, 20 days @ \$55 per day	\$1,100.00
Field supplies & core splitter rental	\$1,390.00
Accomodations, 35 days @ \$30.00	\$1,350.00
Meals, 35 days @ \$20.00	\$700.00
Vehicle & gas	\$1,390.00
Sub Total	\$12,580.00

\$45,130.00

TOTAL EXPENDITURE

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Michael James Skopos (A). Professional Geologist

#### CONCLUSIONS

The writer feels the Tay Project has excellent potential based on the following:

- A consolidated land package of 50 square kilometers.
- Previously outlined resources of 145,000 tons grading 0.063 ounces gold per ton occur in a quartz-carbonate vein style structure in the Karmutsen Pillowed Basalt.
- Significant new discovery of a skarn copper-silver and zinc style deposition occurring between the Bedwell Granite Batholith Intrusive and Karmutsen Volcanics.
- Dimensions of 300 meters diameter target of the E-15 conductive airborne anomaly.
- Copper-sulphide mineralization may be the source of the cause of the airborne anomaly, Target E-15.
- Structurally controlled and related to the Taylor River Fault, Azimuth 110°.
- The skarn zone is silicifide, brecciated and a shear zone.
- The two deepest drill holes suggest the surface sulphide zone widening at depth.
- Initial drilling appears to have intersected only the upper top portion of the sulphide deposit.
- Only 1 of 15 airborne geophysical resistitivity targets have been tested out of a total of 34 various geophysical anomalies that appear on the property.

#### RECOMMENDATIONS

Three diamond drill holes completed on the Tay Project Property in 1999 confirmed the down dip extension of the E-15 airborne geophysical anomaly which is potentially extensive at width. This 300 meter diameter geophysical target should be tested along the strike and to depth.

In addition, only two out of the fifteen airborne geophysical resistitivity targets such as the E-15 have had limited exploratory work. To date, a detailed revaluation of these targets warrented.

#### CERTIFICATE OF QUALIFICATIONS

### MICHAEL J. SKOPOS

I, Michael James Skopos, of 8927 Renoir Court, Fair Oaks, California, do hereby certify that:

- 1. I have been practicing as a Mining, Exploration and Consulting Geologist for a period of 42 years.
- 2. I am a graduate of Kent State University, 1957, with a Bachelor of Science Degree in Geology.
- 3. I am a Fellow in the Geological Association of Canada.
- 4. I am a Registered Professional Geologist in the American Institute of Professional Geologists.
- 5. I am a member of the American Institute of Mining Engineers.
- 6. I have no direct, indirect or contingent interest in the Tay Property Project, Alberni Mining Division, British Columbia, Canada.
- 7. The information presented in this report is the result of field work performed September 15 through October 30, 1999, with additional information provided from selected references.

Signed this day, February 18, 2000

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Michael J. Skopos, BSc, PGeo, FGAC, AIPG, AIME

# APPENDIX I

Assay Certificates

- ----ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE (604) 253-3158 FAX (604) 253-1716 (ISO 9002 Accredited Co.) GEOCHEMICAL ANALYSIS CERTIFICATE Dalmatian Resources Ltd. File # 9903211 5245 Fairmont St., Vancouver BC V5R 3V4 Submitted by: Frank Milakovich SAMPLE# No Cu Ph Zn Ag Ni Co Mn Fe As U Au Th Sr Cd Sb 8i V Ca P La Cr Mg Ba Ti B Al Na K W Au\* Хрртрртропропропропропропропропроп Х Хрртррт Хррт Хррт Х Хрртрро ppm ppm ppm ppm ppm ppm ppm ppm 1 845 <3 73 1.8 79 51 1711 7.86 <2 <8 <2 <2 35 <.2 <3 <3 272 1.11 .080 4 114 4.11 51 .38 <3 4.06 .16 .07 <2 1 <1 163 <3 53 .7 115 71 1273 10.96 3 <8 <2 <2 25 .9 <3 <3 200 .91 .073 2 90 2.53 39 .36 <3 2.55 .18 .04 <2 1 3 4 371 6 49 1.7 158 74 936 9.41 3 <8 <2 <2 59 <.2 <3 3 161 .96 .081 2 79 1.94 11 .31 4 2.10 .11 .02 <2 13 4 1 45 <3 34 .6 36 16 984 5.48 <2 <8 <2 <2 56 <.2 <3 4 203 1.25 .077 3 83 1.72 42 .35 5 2.40 .22 .07 <2 1 5 1 187 6 41 .5 190 145 828 21.40 <2 <8 <2 <2 32 .9 <3 3 112 .78 .021 1 52 1.68 27 .24 <3 1.65 .04 .01 2 3 1 189 <3 41 .5 189 144 822 21.22 8 <8 <2 2 32 <.2 <3 <3 111 .77 .022 1 52 1.66 10 .24 6 1.62 .03 .01 4 2 RE 6 1 905 <3 63 1.9 109 85 1435 10.42 9 <8 <2 <2 34 .4 <3 4 196 .88 .063 2 89 3.04 59 .32 5 3.18 .13 .05 <2 19 E-15 1 906 9 49 .8 21 24 277 2.85 14 <8 <2 <2 85 .9 <3 <3 69 6.09 .016 1 27 .29 <1 .16 10 3.81 .03<.01 <2 7 G-2 SOUTH GRAB LARGE 1 1211 <3 76 1.3 17 22 276 3.29 24 <8 <2 <2 118 .2 <3 <3 68 3.78 .023 1 41 .30 1 .25 6 2.51 .02<.01 <2 9 G-2 SOUTH GRAB SMALL GROUP 10 - 0.50 GM SAMPLE, 3 MLS 2-2-2 AQUA REGIA, 1 HOUR AT 95 DEG. C, DILUTED TO 10 MLS, ICP-ES ANALYSIS. LEACH IS PARTIAL FOR SOME MINERALS. UPPER LIMITS - AG, AU, HG, W = 100 PPM; NO, CO, CD, SB, BI, TH, U & B = 2000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM. ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1% AG > 30 PPM & AU > 1000 PPB - SAMPLE TYPE: ROCK AU\* GROUP 3A - 10.00 GN SAMPLE, AQUA-REGIA, MIBK EXTRACT, ANALYSIS BY GF\_AA. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns. Sept 3/99 DATE RECEIVED: DATE REPORT MAILED ?-

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

PHONE (604) 253-3158 FAX (804) 403-4/40 852 H. HASTINGS ST. VANCOUVER BC V6A 186 ACHT ANALYTICAL LABORATORIES LTD.  $\mathbf{n}$ (INO 9002 Accredited Co.) GEOCHEMICAL ANALYSIS CERTIFICATE N Ø × Dalmatian Resources Ltd. File # 9903697 5245 Fairmont St., Vancouver BC VSR 3V4 Submitted by: Frank Hilakovich 0190 PAGE, 302 ñ P Lo Cr Ng Ba Ei B Al Na K W Au\*A EU PE ZN AD HE CO MAN FR AS LI AU TH SP CO SD BE V Co. Stream of the local division of the local di X X X ppen ppb Хрраров Хрра Хрра x Ha X ppm ppm ppm ppm ppm ppm ppm ppm ppm SAMPLE# pow yow pow pow pow pow OC N 4 .40 .02 .02 5 4 12611 12 690 10.3 33 41 6645 12.85 140 <8 <2 <2 22 6.6 <3 6 19 11.73 .002 <1 15 .22 32 .03 2 sт 4 .06 .01 .01 <2 <2 4 11456 7 439 9,1 11 31 5926 5.72 64 <8 <2 <2 11 1.5 3 6 3 3.72<.001 <1 4 .09 20<.01 ល់ ព E15-1 3 .10 .01 .01 <2 <2 3 12563 8 405 10.2 9 30 6462 6.56 51 48 42 42 9 1.1 43 8 6 4.304.003 41 6.11 17 .01 E12-5 7 25118 6 872 20.4 25 62 7097 6.96 117 48 42 42 7 3.7 43 4 7 2.644.001 41 8.17 11.01 4.18.01.01 42 - 6 N E15-3 6 25051 9 875 20.6 24 62 7052 6.92 118 48 42 42 7 3.6 43 6 7 2.624.003 41 8.17 11.01 5 .18.014.01 42 1 6 Ň E15-4 **^**-RE E15-6 26 63 36 170 5.9 36 11 762 3.34 56 23 4 21 29 23.7 17 24 80 .58 .090 17 169 .59 150 .08 20 1.86 .04 .16 15 467 ÷---1 ខ ¥ STANDARD C3/AU-R N GROUP 10 - 0,50 CH SAMPLE LEACHED WITH 3 ML 2-2-2 HEL-MMO3-H20 AT 95 DEG. & FOR OME MOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES. ----UPPER LIMITS - AG, AU, NG, W = 100 PPM; MO, CO, CD, SB, B1, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, Y, LA, CR = 10,000 PPN. ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPH & AU > 1000 PPB - SAMPLE TYPE: ROCK ALINY GROUP 38 - 30-DO OM SAMPLE ANALYSIS BY FA/ICP. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns. SEP 29 1999 DATE REPORT MAILED OU 5/99 BIGNED BY DATE RECEIVED. v. Ø in Ø ω ā ſ. 5 All results are considered the confidential property of the client, Auma assumes the Liabilities for actual cost of the analysis only. Dot.  $\mathbf{O}$ 

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#### US2 R. HASTINGS ST. VANCOUVER MC VER. LKS

## GEOCHEMICAL ANALYSIS CERTIFICATE

#### Dalmatian Resources Ltd., PROJECT TAY File # 9904045 5245 Fairment St., Vencouver WC 958 394 Substitued by: Frank Hilakovich

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GROUP 10 - 0.54 CM SAMPLE LEACREM WITH 3 ML 2-2-2 MCL-MM03-M20 AT 95 BEG. C FOR DAE WOWR, DILWTED TO 10 ML, AMALYSED BY FOR-ES. UPPER LIMITS - NG, AU, NG, M  $\times$  100 PPM; MD, CD, CD, SE, R3, TH, M & B  $\times$  2,000 PPM; CU, PB, ZH, BL, MM, AS. V, LA, CH  $\mp$  10,000 PPM; ASSAT RECOMMENDED FOR NORK AND CORE SAMPLES IF CW PM ZH AS  $\times$  VZ, AG  $\times$  ND PMM & AU  $\times$  1000 PPM; - SAMPLE FUTE: CORE — AU\*\* GROUP NH - 30,00 GM SAMPLE AMALYSED BY FA/TCP. SAMPLE DATE: CORE — AU\*\* GROUP NH - 30,00 GM SAMPLE AMALYSED BY FA/TCP.

DATE RECEIVED: 01 20 1999 DATE REPORT MAILED: Out 22/99

Doto 1: PA

PROME (604) 253-3150 PAX (604) 253-1716

All results are considered the confidential property of the client. Acre assumes the Lishilities for actual cost of the analysis only.

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ACMB ANALYTICAL LABORATORIBS LTD. (ISO 9002 Accredited Co.)

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852 B. HASTINGS ST. VANCOUVER BC VOA 1R6 P

PHONE (604) 253-3158 FAX (604) 253-1716

#### GEOCHEMICAL ANALYSIS CERTIFICATE

Dalmatian Resources Ltd. PROJECT TAY File # 9904139 5245 Fairmont St., Vancouver BC VSR 3V4 Submitted by: Nike Skopos

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GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-4003-H2D AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES. UPPER 4101TS - AG, AU, NG, W = 100 PPM; ND, CO, CD, SB, B1, TH, U R R = 2,000 PPN; DJ, PB, ZN, NL, NN, AS, V, LA, CR = 10,000 PPN. ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PN ZN AS > 1%, AG > 30 PPN 4 AU > 1000 PPB - SAMPLE TYPE; CORE AU\*\* GROUP 3B - 30.00 GM SAMPLE ANALYSIS BY FA/LCP. Samples beginning (RE\* are Reruns and 'RRE\* are Reject Rerung.

DATE RECEIVED: OU 26 1999 DATE REPORT MAILED: NOV 2/99

SIGNED BY ..... D. TOYE, C.LEONG, J. MANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

# APPENDIX II

# DIAMOND DRILL LOGS

- DDH 99-1
- DDH 99-2
- DDH 99-3
- DDH 99-4
- DDH 99-5
- DDH 99-6

DRILL LOG ALL THE CORE IS STORED VUST ABOVE THE POWER PLANT NEAR ATCHWAY N DROPLE B.C DON A HOLE NO. PROJECT. CO./STATE ARNOLD KENDZIEKS CLINATION. CONTRACTOR\_ BEARING 9/16/92 DATE COMPLETED. DATE STARTED\_ COORDINATES 246 Adito Stoppescal F LOGGED BY\_ SURVEY REFERENCES dullad thom old toad Hole 14 Ź man old drill sita CORE Minerol ASSAYS Estimates RECOVERY ROCK UNIT ALTERATION REMARKS MINERALIZATION From No. To: CASING 0-6.5 0 Dox Lacovery 6.5 29 Equerish grean pillow Epidote mainly 29 Pyrite, Chalogy 3% Fine grained Dasal 63 he lite & Colidenta 75 Recovery with 60% 99 narrow good Sild Stalar ASSAUS FOOTABE Chlorito Carboniala strincope Breecichan 0.06%15 23 Quarte - Carponale Erres 6 0.016% C.A. 45-70 146.X MÒ 51.2 - 51.5 0,0295/10 -voar 22, - 204 10 194 ## 50' 1 7. 71.6 C.A. - 72 1701 R4 101015% 40 - FS 0.029%/5 DDN 99-1 267 120 C. A. 282 5 117 Ry, Pot Minio Cpy Epidote SIt .. 162 194 154 -Excal 10 30-85 10 70 204 218 Sulphidas 5% 10% \$16 7 3411 202.3 502 C.A. Py Ay & Fo 41.5 266 254.3 80' 354-C.A. 566 262 -262.5 C.A. 30-40 FRACTURED CONTAIN SULPHIDOS GOAQ Cpy, Po MUD OF NOL Kacovoay

DRILL LOG NOTE: (Core STORED JUST NEOVE POWER NIGH HOLE NO. DO.N 99-2 PAGE WAY B.C. 144 CO. STATE ----PROJECT\_ REARING 42 270 INCLINATION AENOLD KENDRI CONTRACTOR. 73522 COORDINATES STALLAR N.S. -DATE COMPLETED. DATE STARTED\_ Mike Stader SCALE SURVEY REFERENCES LOGGED BY .... OPPOSITE AZIMOTA OF 204.99-Mineral ASSAYS CORE Estimates RECOVERY REMARKS MINERALIZATION ALTERATION ROCK UNIT From ika. FL Ha. To: Nata 5' CASING 0.5 Ó 5' to 547' Assairs Fini giains d 5 26 Sieysh-Given Man Bescalt with marrow Atz Cout with Ruite Physich to, Cloke parts Stringers and 52 3 26 Otz- Ex. Zone Minor Posite, Otz-Carbonate Bythet to, Cakoppin 6.5 Gtz- Bx. Zone 52' 75 45 - 4 Come Angle 63 - 173 <u>Erencite</u> Come 63'- 70' 99 4 75" Core Augle. 35' 76 90° 99 122 5 71'-79.5 Otz- Carb. Stringers minor by Box Goy 18 157 122 96- 97.5 Veinlate of 151 181 7 Py Po + Cpy. Ry Por Goy. Geo Aughs 40 7 600 181 205 8 Py lox Cpg-101.8 -105 Ź 21 1205 229 9 Some Qtz Larb. Core Angles 30 10 Bolo \* Stringers 29 24710 END OF HOLE 247

ORILL LOG , LOTE: (CORE STOLED ADOVE POWER ACTO NEAR NIGHTER HOLE NO. DDA 99 3\_ PAGE. B,C. OF. CO./STATE PROJECT. BEARING 310 INCLINATION 76 NOLD CONTRACTOR. COORDINATES SUGASLONS 22 DATE COMPLETED 10/1919 DATE STARTED. SURVEY REFERENCES E- 15 Computer E 201. 13 MILL JEODAE SCALE FANNED FROM EARD, North LOGGED BY\_ Granch, 550 AREA, TECHO Carlain Mineral SAMULAC ASSAYS CORE Estimates RECOVERY REMARKS MINERALIZATION ALTERATION ROCK UNIT From Nox. £L Ta∛ 20 CASING 0-20 0 Oundized Alt Umave monestration 20 214 20 Visa quer to black Close varying with 67065 it Star Silier ¥4 665 SYLMASOR -10 + 2015- 121 maloutite, cupi tone Partion 665 96 alkain Chaloocite magnitite. AG Qu %. 90 AT Me 112 30-21 CAAlcopy site. 775544 FOOTALE WOTH Stockwood breecia Zona 0.234 .035 112 124 CIMONITO 9 224 29' Reacily 4. G. 20 with apidote stoining a boug 134 0.012 39 041 99-2 Z 29 10 Ships J 1m1.06 .18 \*3 42.3 39 H-3.3 copper from 1575 183 57 Excallex OXIDE. 9.7 0.014 42.3 52 - 31 183.5 208 8 Vine grand, 10 3.05 0.15 62 31-42 5± 3 ſŚ 44 query to black ,06 0.2 в 308 \$1314 9 78 62 Sumsh - GALLIN 92 -16 187 1 to 50 apidote inc. 0.003 80 10 70 Porphyry with 99min se alization Stotal. 231-1 255 10 0.014 **A** .8D 10 intermittant Coarse Cuprite 0.017 287 - 240 10 00 100 555 220511 Qt2 - Garbonde POOF FOCOURFIES 0-006 100 110 10 Zonis 18:5 312 12 Fragmente Q 59-62.4 H 0.003 120 10 110 gainer 0.003 10 135.5 - 137 130 120 257-314 10,005 QT2 - Coup. Zona" 10 130 100 1634 2-31, 2014 Henstite, Cpy 3Leccistad file diss & verthe nein . Fault Zow ( mostly Po. ale G 275. - 280

DRILL LOG NOTE: (CORE STORED NUST ABOVE POUR PLANT NEAR NIBAL B.C HOLE NO. PROJECT. BEARING 22 340 INCLINATION. CONTRACTOR. 5464510NS E.W 107 DATE COMPLETED. COORDINATES. DATE STARTED. Elev. SURVEY REFERENCES MILL SEOPOS SCALE PRILLED OFF ROAD, N. BIS LOGGED BY. 550 AREA Mineral ASSAYS CORE Estimates RECOVERY REMARKS MINERALIZATION ALTERATION ROCK UNIT No. From: FL To : CASING 0-18 0 18 Atz calorto, Epidoje, limonite, bours fite -157 Uxidizay 18 Chloritizid CA3 cildere i a it Icivina, Alt. Colots Volcania LADN ZONE Choloocy to CUDITE, MAKINGY 18 42 On costo stringing a% Zy64 Gàrna 42 F60716 WIDT 0.A. 50-60 AMPLE 0.004 0.03 lo' 18 28 99 DOH 66.5 89 patches 0.18 0.25 0.0 in areas 38 10 2 28 40 4 Mixed supplies include 0.07 4 - 3 0 48 0.03 89 38 99 111 4 10' Po 4. 614 58 0.02 0.01 4 48 99. 11 1335 appite, 0,03 ¥ 68 001 +5 58 IÓ. Lalcos 18 0.01 0.001 4 46 78 68 10' 18-38 335 157 6 3-4% 0,01 0.001 10 7B' 88 ¥.7 94-4 11 Care Htto A Otz string at 25-6° END OF NOLN 97-99.4 Gapne 1" 157' 101.8 81.8 V Q Gy, By Py Litt Fragmin tal 97, grunsh 118.4, 125-12 134-157

DRILL LOG NOTE CORE STOLED ABOVE MOLLES PLANT NERS HILD-HOLE NO DON 99-5 CO./STATE E.C. ARNOLD PROJECT\_ 345 INCLINATION BEARING 10 CONTRACTOR\_\_\_\_ DATE COMPLETED COORDINATES 5463365 N.S 10/1/92 DATE COMPLET DATE STARTED. A 1.8 ELEV, 14 SURVEY REFERENCES. LOGGED BY\_ OFF SOUTH SLOPE Mineral ASSAYS CORE Estimates REMARKS RECOVERY MINERALIZATION ALTERATION ROCK UNIT From FL 19cp. To CASING 67 0 autoridan ONILY DRILL HOLE STOPPED DUE TO BOULDERS HARD ON BITS TOTAL DEPTH 67

DRILL LOG " NOTS ( CORE STORED ABOVE POWER NEAR HILKER HOLE NO DAN 99 B.C. 144 CO./STATE PROJECT. 50 INCLINATION BEARING 22 ARNOLD CONTRACTOR. COORDINATES 5464510 DATE STARTED 10/20/20 DATE COMPLETED 10 SURVEY REFERENCES MIKE SKOPOS SCALE FAUNED FROMM, ROAD LOGGED BY\_ DON'S 3,4: IN 550 ARG. Minerol ASSAYS CORE Estimoles REMARKS MINERALIZATION RECOVERY ALTERATION ROCK UNIT No. He From; F1. Tos CASING 0-17 0 117 Epidota chlorita 17 hemalite, cuprita epy, py, po, ALA Siliertica Volomie Cu !! ?! Stain tone 3 63.5 wat Japopla # harfare 8-7 @ 35'- 43.5 10 202 0,01 112 DOH 99 Wamofite б Grew-block 0.61 0.06 0.1 8' Vine groined 6 DDH 99 3.5 27 Cupite, Cpy 30 0.08 0.15 0.0 10 6 35 45 DON Qtz stringers 10:0.005 163 1865 53 6 DDH 45 3650 1010.024 1865 204 55 65 5 DDN 6 EXAL 10 0.06 DON 199 6 65 7S 59.5 232 9 10 0.001 85 DON 199 6 П 104 900 74 16 75 Fault 3 stor COSICO 61-8-62 Box Stack explider bene Xte Storucug Sild 352 259 87-107 Some Py, 10 40 12 10 1% 559 3816 191-195 Otz-Conto Zana C.A. 3

DRILL ZOG HOLE NO DAY 99-6 PAGE 2 OF 2. BEARING INCLINATION T.D. 401 144 PROJECT\_ CONTRACTOR\_ \_N.S.-COORDINATES\_\_\_\_\_ \_\_\_\_\_DATE COMPLETED\_ DATE STARTED SURVEY REFERENCES\_ \_SCALE. LOGGED BY. Mineral ASSAYS CORE Estimates REMARKS RECOVERY MINERALIZATION ALTERATION ROCK UNIT FL NA From To: 1 274- 279 Qtz-Carp 303 328 Garb. - Fox 378'- 279 odd Atz 284- 596 328 353 14 353 3801 Stringer - 388 - 289.5 Clay - quy e, ol 850 40110 Gouge, alt 303'- 328 Epid minor Voult? 303'- 328 Epid minor Coy Porty Frogeneused 330'- 331 Volz straigens FO-85° to core Inorten 335'-338 Troken 335'-338 Troken Oto. strangens 401' END OF NOLE do



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