112858

AFFIDAVIT OF PERFORMANCE OF
ANNUAL WORK AND IMPROVEMENTS

STATE OF WASHINGTON)
) ss.
COUNTY OF SPOKANE)

JAMES C. ASHLEMAN, being first duly sworn, deposes and says:

That he is the Project Geologist in charge of operations on the hereinafter described unpatented lode mining claims for PACIFIC COAST MINES, Inc. and United States Borax & Chemical Corporation, East 5603 Third Avenue, Spokane, Washington 99212;

That he is familiar with those certain unpatented lode mining claims situated in an unknown mining district, Eureka County, Nevada, more particularly described in Exhibit "A" attached hereto and made a part hereof;

That during the periods June 28 - July 18 and August 21 - August 31, 1987, inclusive, at least ONE HUNDRED DOLLARS ($100.00) worth of work and labor was performed on or for the benefit of each of the said unpatented lode mining claims by United States Borax & Chemical Corporation on its behalf and on behalf of the owners thereof for the assessment year beginning on September 1, 1986, and ending on September 1, 1987 at expense and in a value in excess of FORTY SIX THOUSAND ONE HUNDRED EIGHTY TWO DOLLARS ($46,182.00), all of which sum is claimed as annual labor on or for the benefit of the subject claims.

That all of the unpatented lode mining claims are contiguous and that the work was performed under a common plan of development for all of the said claims, which claims are owned by, or under lease and/or option to, PACIFIC COAST MINES, INC. and United States Borax & Chemical Corporation; that the work was performed by United States Borax & Chemical Corporation on its behalf and on behalf of PACIFIC COAST MINES, INC., and the Optionors, that the work consisted of a program whereunder an induced polarization resistivity survey was performed on the claims located in Sections 13, 24 & 25, T 25 N, R 49 E, and Sections 18, 19 & 30, T 25 N, R 50 E, as specified in the detailed report included as Exhibit "B" herein. In addition,

trenching was performed, drill roads and drill sites were constructed, and 3 reverse circulation drill holes were completed, totaling 1235 feet of drilling. Work was performed on or for the benefit of said claims for the purpose of evaluating all of said claims. Said work was intended for the benefit of each of the contiguous unpatented lode mining claims described in Exhibit "A"; geophysical work was performed on the following claims:

CJ 10, CK 10, CL 10, CM 10, CK 11, CL 11, CM 11, CK 13, CL 13, CM 13, CJ 14, CK 14, CL 14, CM 14, CL 15, CJ 16, CK 16, CL 16, CJ 18, CK 18, CL 18, CM 18, CJ 20, CL 20, CM 19, CH 21, CI 21, CJ 21, CK 21, CL 21, CM 21

Drilling, trenching and cat work was performed on CJ 27, CK 27, CI 21, CK 20, CK 21, CK 15, CL 11, CM 11, Curlew 16, and Curlew 15.

That said work was performed at the expense and under the supervision of United States Borax & Chemical Corporation, on its behalf and on behalf of PACIFIC COAST MINES, INC. and the individual owners hereinafter named in Exhibit "A", and that the work was performed by employees of United States Borax & Chemical Corporation, East 5603 Third Avenue, Spokane, Washington 99212, DMW geophysics, 4088 W. 1820 South, Suite B, Salt Lake City, Utah 84104, North American Exploration, Inc., P. O. Box 348, Kaysville, Utah 84037, Richard C. Skinner, P. O. Box 321, Junction City, Oregon 97448, Eureka Custom Contractors, Box 461, Eureka, Nevada 89316, and Eklund Drilling Company, P. O. Box 666, Carlin, Nevada 89822, for the purpose of complying with the Federal and State laws relative to performance of annual assessment work for the purpose of holding title to said unpatented mining claims.

DATED this 20th day of October, 1987.

SEAL Affixed

James C. Ashleman
JAMES C. ASHLEMAN

SUBSCRIBED AND SWORN to before me this 20th day of October, 1987.

Cheryl Lipham
NOTARY PUBLIC in and for the State of Washington, residing in Spokane.

My commission expires: 12/15/88

Stephen Son
Witness

Kathy A. Wilson
Witness

EXHIBIT "A"

The contiguous group of unpatented lode mining claims situated in Eureka County, Nevada, in Sections 32, 33 and 34, Twp. 26 North, Rge. 50 East, Sections 4, 5, 6, 7, 8, 9, 16, 17, 18, 19, 20, 21, and 30, Twp. 25 North, Rge. 50 East, and Sections 1, 2, 11, 12, 13, 14, 23, 24, and 25, Twp. 25 North, Rge. 49 East, M.D.B.&M., copies of location notices for which are of record in the office of the Eureka County Recorder, and in the U.S.B.L.M. district office, are as follows:

Claim Name	Book	Page	BLM NO.
CG 25-36	88	125-136	NMC 169070-169081
CH 25-36	88	137-148	NMC 169082-169093
CI-25-36	67	111-122	NMC 44768-44779
CJ 25-36	67	123-134	NMC 44780-44791
CJ 22-24	105	486-488	NMC 252074-252076
CK 22-24	105	489-491	NMC 252077-252079
CK 25-29, 29A 30-32, 34-37	67	137-147	NMC 44792-44804
CL 22-32, 35-37	67	148-161	NMC 44805-44818
CM 20-32, 35-37	67	162-177	NMC 44819-44834
CN 20-24	73	568-572	NMC 93854-93858
CN 25-33, 36-40	67	183-196	NMC 44835-44848
CO 20-24	73	573-577	NMC 93859-93863
CO 25-33, 36-43	67	202-218	NMC 44849-44865
CP 20-29, 29A 30-32	73	578-591	NMC 93864-93877
CP 39-47	67	232-240	NMC 44866-44874
CQ 20-29, 29A 30-33	73	592-606	NMC 93878-93892
CQ 42-49	67	255-262	NMC 44875-44882
CR 20-31	73	607-618	NMC 93893-93904
CR 39-51	67	275-287	NMC 44883-44895
CS 20-33	73	619-632	NMC 93905-93918
CS 39-51	67	302-314	NMC 44896-44908
CT 31-33	73	633-635	NMC 93919-93921
CT 34-51	67	318-335	NMC 44909-44926
CG 22-24	106	180-182	NMC 253871-873
CG 37-40	106	183-186	NMC 253874-877
CH 21-24	106	187-198	NMC 253878-881
CH 37-40	106	191-194	NMC 253882-885
CI 21-24	106	195-198	NMC 253886-889
CI 37-40	106	199-202	NMC 253890-893
CJ 20-21	106	203, 204	NMC 253894-895
CJ 37-40	106	205-208	NMC 253896-899
CK 16-19	107	288-291	NMC 259969-972
CK 20, 21	106	209, 210	NMC 253900-901
CK 38-40	106	211-213	NMC 253902-904
CL 14-21	107	292-299	NMC 259973-980
CL 38-40	106	214-216	NMC 253905-907
CM 14-15	107	300-301	NMC 259981-982
CM 38-40	106	217-219	NMC 253908-910
CM 16-19	131	218-221	NMC 324453-456

all owned by W. L. Wilson, Joan Wilson, William G. Waldeck, and JoAnn K. Wilson, c/o P. O. Box 2183, Grand Junction, Colorado 81502, and leased to PACIFIC COAST MINES, INC., under an Agreement dated August 12, 1985.

EXHIBIT "A"

CLAIM NAME	BOOK	PAGE	BLM NUMBER
CURLEW #1	79	81	141553
CURLEW #2	79	82	141554
CURLEW #3	79	83	141555
CURLEW #4	79	84	141556
CURLEW #5	79	85	141557
CURLEW #6	79	86	141558
CURLEW #7	79	87	141559
CURLEW #8	79	88	141560
CURLEW #9	79	89	141561
CURLEW #10	79	90	141562
CURLEW #11	79	91	141563
CURLEW #12	79	92	141564
CURLEW #13	79	93	141565
CURLEW #14	79	94	141566
CURLEW #15	79	95	141567
CURLEW #16	79	96	141568
CURLEW #17	79	97	141569
CURLEW #18	79	98	141570
CURLEW #19	79	99	141571
CURLEW #20	79	100	141572
SNOW CAP #2	79	101	141573
SNOW CAP #3	79	102	141574
SNOW CAP #4	79	103	141575
CEDAR	79	121	141593
DAMELE #1	79	104	141576
DAMELE #2	79	105	141577
DAMELE #3	79	106	141578
DAMELE #4	79	107	141579
DAMELE #5	79	108	141580
DAMELE #6	79	109	141581
DAMELE #7	79	110	141582
DAMELE #8	79	111	141583
DAMELE #9	79	112	141584
MOUNTAIN VIEW	79	128	141600
RAIN CAP	79	124	141596
ROCKY	79	122	141594
SUNDAY	79	127	141599
SUNSET	79	123	141595
ZERO #1	79	129	141601
ZERO #2	79	130	141602
ZERO #3	79	131	141603
ZERO #4	79	132	141604
ZERO #5	79	133	141605
ZERO #6	79	134	141606
BIG BEN	79	113	141585
CEDAR #2	79	126	141598
DALES BONER	79	116	141588
D #2	79	115	141587
IRISHMAN	79	119	141591
MARIE	79	118	141590
MISS CARRIAGE	79	117	141589
PULLYWOG	79	114	141586
WETHERFORD	79	120	141592
DALE	79	125	141597

all the above claims owned by Charles N. and Patricia J. Damele, via Waysack, Elko, Nevada 89801; Ronald D. and Arlene W. Damele, P.O. Box 423, Eureka, Nevada 89316; Stephen D. and Pauline S. Damele, c/o Sheep Creek Ranch, Carlin, Nevada 89822, and leased to PACIFIC COAST MINES, INC., under an Agreement dated August 1, 1985.

CLAIM NAME	BOOK	PAGE	BLM NUMBER
CL # 7	140	1	351705
CL # 8	140	2	351706
CL # 9	140	3	351707
CL #10	140	4	351708
CL #11	140	5	351709
CL #12	140	6	351710
CL #13	140	7	351711
CM # 7	140	8	351712
CM # 8	140	9	351713
CM # 9	140	10	351714
CM #10	140	11	351715
CM #11	140	12	351716
CM #12	140	13	351717
CM #13	140	14	351718
CK #11	144	589	369504
CK #12	144	590	369505
CK #13	144	591	369506
CK #14	144	592	369507
CK #15	144	593	369508
CJ #11	144	580	369509
CJ #12	144	581	369510
CJ #13	144	582	369511
CJ #14	144	583	369512
CJ #15	144	584	369513
CJ #16	144	585	369514
CJ #17	144	586	369515
CJ #18	144	587	369516
CJ #19	144	588	369517

all owned by PACIFIC COAST MINES, INC., 3075 Wilshire Boulevard, Los Angeles, California 90010.

All are fully described in the Notices of Location recorded in the Office of the Recorder of Eureka County, Nevada.

EXHIBIT "A"

Unpatented Lode Mining Claims
Eureka County, Nevada

CLAIM NAME	BOOK and PAGE		BLM SERIAL NUMBER
CJ 7	164	493	N MC 435319
CJ 8	164	494	N MC 435320
CJ 9	164	495	N MC 435321
CJ 10	164	496	N MC 435322
CK 7	164	497	N MC 435323
CK 8	164	498	N MC 435324
CK 9	164	499	N MC 435325
CK 10	164	500	N MC 435326

all owned by United States Borax & Chemical Corporation, 3075 Wilshire Boulevard, Los Angeles, California 90010.

EXHIBIT "B"

REPORT TO ACCOMPANY AFFIDAVIT OF ASSESSMENT WORK AND PROOF OF LABOR ON UNPATENTED MINING CLAIMS

IP/RESISTIVITY SURVEY OF THE JD PROJECT, EUREKA COUNTY, NEVADA

September 23, 1987

James C. Ashleman,
Senior Geologist
U.S. Borax & Chemical Corporation
E. 5603 Third Avenue
Spokane, Washington 99212

INTRODUCTION

This report describes the results of geophysical work for Pacific Coast Mines, Inc., a wholly owned subsidiary of United States Borax & Chemical Corporation (USB) done under the supervision of USB on the JD Project from June 28 through July 18, 1987. The JD Project is located at the north end of the Simpson Park Range in Eureka County, Nevada, and includes all those claims listed in Exhibit "A". The work consisted of a dipole-dipole induced polarization (IP)/resistivity geophysical survey performed on the JD Project claims by DMW Geophysical Services, Inc. of Salt Lake City, Utah. The grid for the geophysical survey was surveyed by Richard C. Skinner, Land Surveyor, of Junction City, Oregon, and personnel employed by USB and under contract to USB by North American Exploration. Approximately 8 line miles of coverage were obtained by the IP/resistivity survey.

PURPOSE

The purpose of the induced polarization/resistivity survey was to better define the nature and extent of mineralization within the claim block by attempting to identify areas where altered and mineralized rocks exposed at the surface may project under areas concealed by overburden and unmineralized rock types.

METHOD

A grid was established for the IP survey and is located in Sections

13, 24 & 25, T 25 N, R 49 E and Sections 18, 19 and 20, T 25 N, R 50 E. East-west grid lines were surveyed with 200 foot stations on lines spaced 500 feet apart. The grid is referenced to the section corners along the meridian between R 49 E and R 50 E with the grid coordinates 10,000 N, 10,000 E defined as the section corner between Sections 13 and 24, T 25 N, R 49 E, and Sections 18 and 19, T 25 N, R 50 E. The IP survey was run on the eight principal 1,000 foot lines between 3,000 N and 10,000 N and roughly centered on the 10,000 E meridian. A time domain survey employing the standard 2-second pulse waveform was conducted using a Scintrex IPR-11 receiver and TSQ-4 10 kw transmitter. Electrodes were configured in the dipole-dipole array with a 200 foot "a" spacing.

RESULTS

Generally, the overburden is much more conductive than the Paleozoic and Tertiary rocks and exhibits a low IP response of 1 to 4 milliseconds. The overburden in the Valley area was found to be relatively thin. The Paleozoic limestones generally have very high resistivities and the Tertiary basalts exhibit moderate resistivities in their normal state. Numerous areas of low resistivity are tentatively interpretated as argillic alteration and/or mudstones. These generalizations are consistent with experience elsewhere and theories of electrical properties of rocks.

Several discontinuities in the resistivity data are interpreted

to be structures. Local areas of complex resistivity patterns in the central and north part of the survey area may represent structurally complex areas.

Apparent IP effects show normal background variations over much of the area. However, several significant IP anomalies are interpreted to represent areas with moderate concentrations of disseminated sulfides. Locally these IP anomalies can be identified in two or more adjacent lines, thus identifying significant trends to the inferred areas of sulfide mineralization.

CONCLUSIONS

The geophysical survey was useful in defining general rock types and in inferring a few faults that were concealed. Structures are locally important in controlling the distribution of alteration and mineralization. A variety of IP and resistivity responses were obtained that are interpreted to represent presence of sulfide mineralization, argillic alteration, and possible silicification. Some of these are being tested by drilling during September and October of 1987. Information from the drilling will enable additional refinement of the geophysical interpretations further aiding in the delineation of mineralization on the claim block.

QUALIFICATIONS

I, the writer, James C. Ashleman, am a Senior Geologist employed by United States Borax & Chemical Corporation. I received a B.S. degree in geological sciences from Western Washington University, and a M.S. degree in geology from the University of Washington. I have been employed in the minerals exploration and evaluation industry for 5 years part time, followed by over 8 years of continuous full time employment. During the last 8½ years I have been employed by United States Borax & Chemical Corporation. The work described in this report was carried out under my direct supervision.

James C. Ashleman

James C. Ashleman,
Senior Geologist
United States Borax & Chemical
Corporation

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U.S. Borax
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OFFICIAL RECORDS
EUREKA COUNTY, NEVADA
M.N. PEGALEAU, RECORDER
FILE NO. 112858
FEE $ 6.00

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