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Chemex Labs Inc.

Analytical Chemists * Geochemists * Registered Assayers
994 West Glendale Ave., Suite 7, Sparks,
Nevada, U.S.A. 89431
PHONE: 702-356-5395

To: REYNOLDS METALS EXPLORATION INC.

5301 LONGLEY LANE, STE. 157
RENO, NEVADA
89511

Project : WEST OATMAN
Comments: ATTN: RAY IRWIN CC: DR. DOUGLAS JINKS

Certificate Date: 26-FEB-91
Invoice No. : I9111658
P.O. Number :

CERTIFICATE OF ANALYSIS A9111658

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA
RAL-2 000-005	205	272	20
RAL-2 005-010	205	294	10
RAL-2 010-015	205	294	20
RAL-2 015-020	205	272	10
RAL-2 020-025	205	294	55
RAL-2 025-030	205	294	10
RAL-2 030-035	205	294	15
RAL-2 035-040	205	294	25
RAL-2 040-045	205	272	65
RAL-2 045-050	205	294	35
RAL-2 050-055	205	294	< 5
RAL-2 055-060	205	272	10
RAL-2 060-065	205	294	< 5
RAL-2 065-070	205	294	< 5
RAL-2 070-075	205	294	< 5
RAL-2 075-080	205	294	< 5
RAL-2 080-085	205	294	< 5
RAL-2 085-090	205	294	< 5
RAL-2 090-095	205	294	40
RAL-2 095-100	205	294	5
RAL-2 100-105	205	272	5
RAL-2 105-110	205	294	125
RAL-2 110-115	205	272	15
RAL-2 115-120	205	294	< 5
RAL-2 120-125	205	294	5
RAL-2 125-130	205	294	15
RAL-2 130-135	205	272	< 5
RAL-2 135-140	205	272	5
RAL-2 140-145	205	272	10
RAL-2 145-150	205	294	5
RAL-2 150-155	205	294	70
RAL-2 155-160	205	272	10
RAL-2 160-165	205	272	80
RAL-2 165-170	205	294	5
RAL-2 170-175	205	272	70
RAL-2 175-180	205	272	255
RAL-2 180-185	205	272	20
RAL-2 185-190	205	294	5
RAL-2 190-195	205	272	10
RAL-2 195-200	205	294	< 5

CERTIFICATION: Sandra M Adam

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
994 West Glendale Ave., Suite 7, Sparks,
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PHONE: 702-356-5395

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5301 LONGLEY LANE, STE. 157
RENO, NEVADA
89511

A9111658

Comments: ATTN: RAY IRWIN CC: DR. DOUGLAS JINKS

CERTIFICATE A9111658

REYNOLDS METALS EXPLORATION INC.

Project: WEST OATMAN
P.O. # :

Samples submitted to our lab in Sparks, NV.
This report was printed on 26-FEB-91.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	40	Geochem ring to approx 150 mesh
294	25	Crush and split (0-10 pounds)
272	15	Crush and split (11-20 pounds)
219	25	Drying charge (0-10 pounds)
222	15	Drying charge (11-20 pounds)

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	40	Au ppb: Fuse 30 g sample	FA-AAS	5	10000

RAL drilling

Chemex Labs Inc.

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PHONE: 702-356-5395

To: REYNOLDS METALS EXPLORATION INC.

5301 LONGLEY LANE, STE. 157
RENO, NEVADA
89511

Project : WEST OATMAN
Comments: ATTN: RAY IRWIN CC: DR. DOUGLAS JINKS

Certificate Date: 26-FEB-91
Invoice No. : I9111657
P.O. Number :

CERTIFICATE OF ANALYSIS A9111657

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Ag ppm Aqua R
RAL-1 000-005	205	272	< 5	< 0.2
RAL-1 005-010	205	294	< 5	< 0.2
RAL-1 015-020	205	294	< 5	< 0.2
RAL-1 020-025	205	272	< 5	0.2
RAL-1 025-030	205	272	< 5	0.2
RAL-1 030-035	205	272	< 5	0.2
RAL-1 035-040	205	272	< 5	< 0.2
RAL-1 040-045	205	294	< 5	< 0.2
RAL-1 045-050	205	294	< 5	< 0.2
RAL-1 050-055	205	272	15	< 0.2
RAL-1 055-060	205	272	5	< 0.2
RAL-1 060-065	205	272	10	< 0.2
RAL-1 065-070	205	272	10	< 0.2
RAL-1 070-075	205	272	5	< 0.2
RAL-1 075-080	205	272	< 5	< 0.2
RAL-1 080-085	205	272	< 5	< 0.2
RAL-1 085-090	205	294	< 5	< 0.2
RAL-1 090-095	205	294	< 5	< 0.2
RAL-1 095-100	205	294	< 5	< 0.2
RAL-1 100-105	205	294	< 5	< 0.2
RAL-1 105-110	205	294	< 5	< 0.2
RAL-1 110-115	205	272	< 5	0.2
RAL-1 115-120	205	272	< 5	< 0.2
RAL-1 120-125	205	272	< 5	< 0.2
RAL-1 125-130	205	272	< 5	< 0.2
RAL-1 130-135	205	294	< 5	< 0.2
RAL-1 135-140	205	294	< 5	< 0.2
RAL-1 140-145	205	272	< 5	< 0.2
RAL-1 145-150	205	272	< 5	0.2
RAL-1 150-155	205	273	< 5	< 0.2
RAL-1 155-160	205	272	< 5	0.3
RAL-1 160-165	205	273	< 5	0.4
RAL-1 165-170	205	272	< 5	0.6
RAL-1 170-175	205	272	< 5	0.4
RAL-1 175-180	205	272	5	0.2
RAL-1 180-185	205	272	5	0.9
RAL-1 185-190	205	272	10	0.4
RAL-1 190-195	205	294	< 5	0.2
RAL-1 195-200	205	272	< 5	< 0.2
RAL-1 200-205	205	294	< 5	< 0.2

CORRECTED COPY

CERTIFICATION: Sandra M Adam

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PHONE: 702-356-5395

To: REYNOLDS METALS EXPLORATION INC.

5301 LONGLEY LANE, STE. 157
RENO, NEVADA
89511

RECEIVED ~~FEB 28~~ MAR 1 1991

A9111657

Comments: ATTN: RAY IRWIN CC: DR. DOUGLAS JINKS

CERTIFICATE A9111657

REYNOLDS METALS EXPLORATION INC.

Project: WEST OATMAN
P.O. # :

Samples submitted to our lab in Sparks, NV.
This report was printed on 28-FEB-91.

SAMPLE PREPARATION

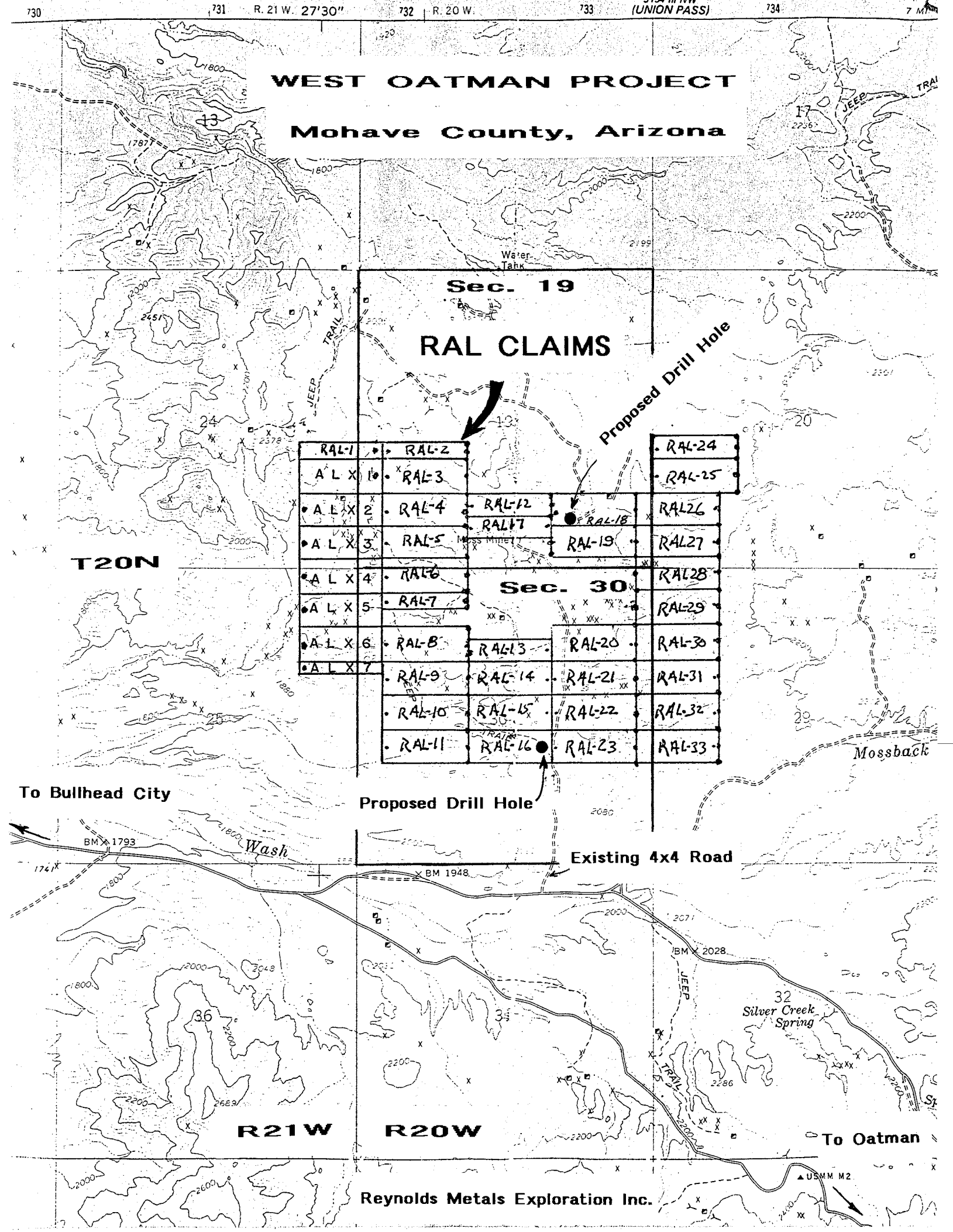
CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	59	Geochem ring to approx 150 mesh
294	19	Crush and split (0-10 pounds)
272	38	Crush and split (11-20 pounds)
273	2	Crush and split (21-30 pounds)
219	19	Drying charge (0-10 pounds)
222	38	Drying charge (11-20 pounds)
223	2	Drying charge (21-30 pounds)
238	59	NITRIC-AQUA REGIA DIGESTION

ANALYTICAL PROCEDURES

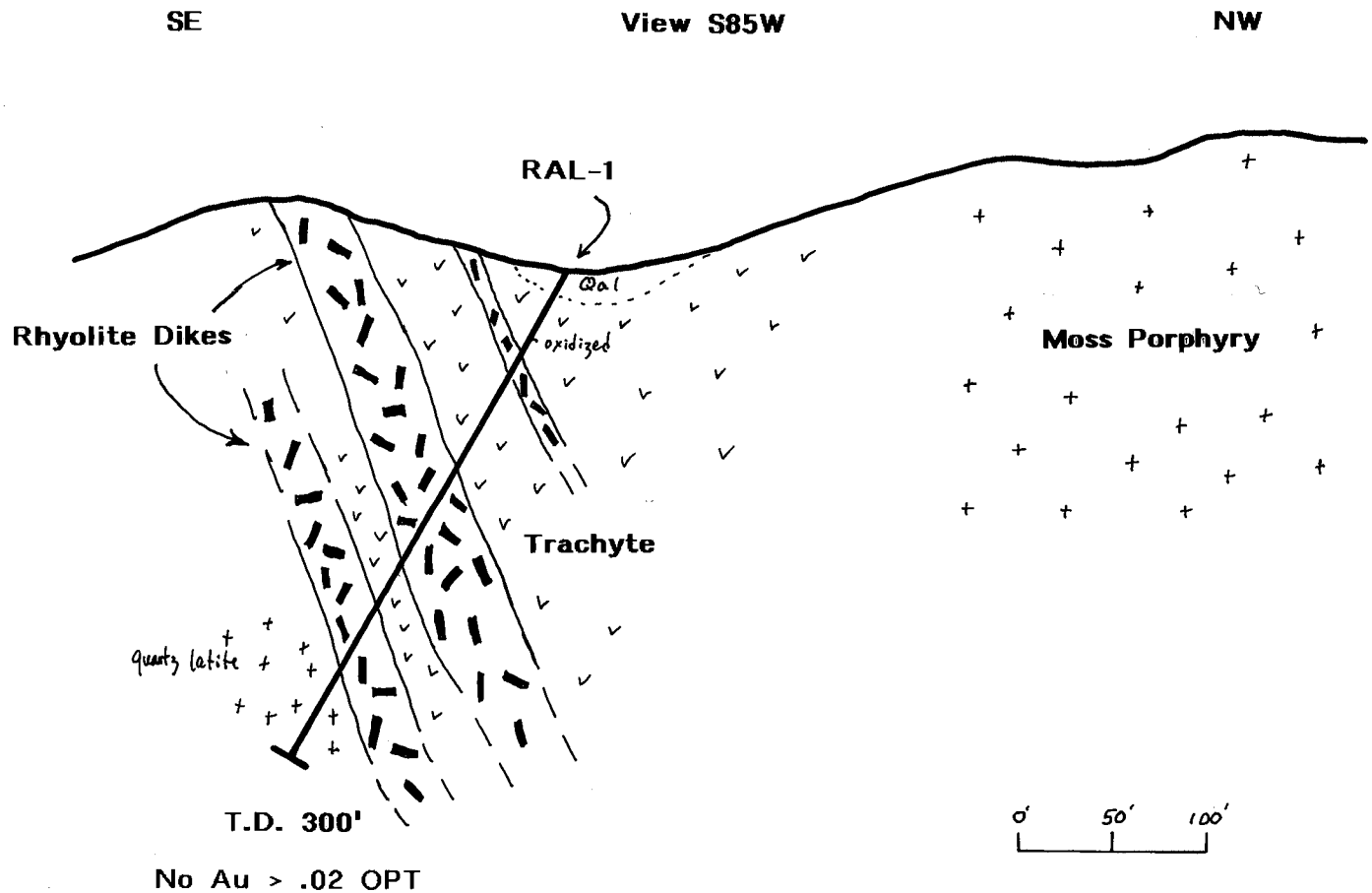
CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	59	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
6	59	Ag ppm: HNO3-aqua regia digest	AAS-BKGD CORR	0.2	100.0

WEST OATMAN PROJECT

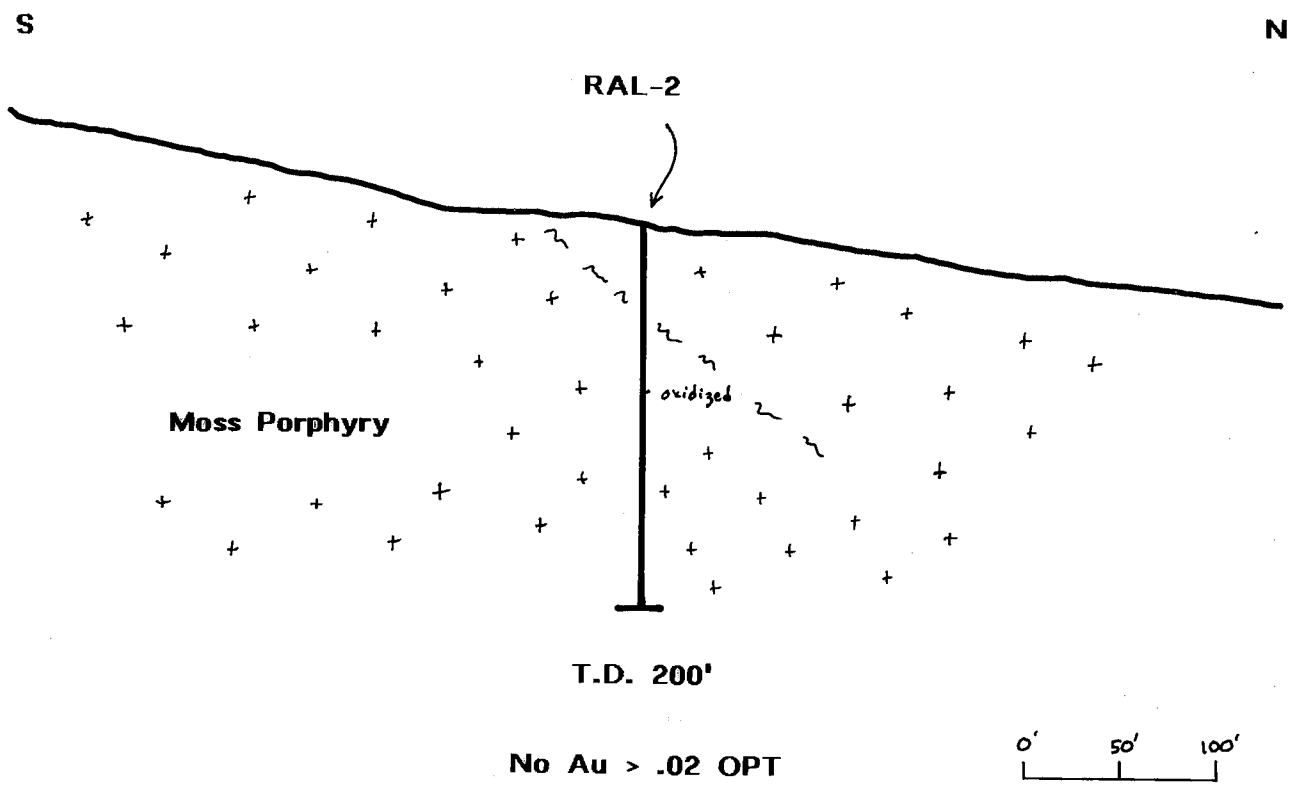
Mohave County, Arizona



WEST OATMAN PROJECT



WEST OATMAN PROJECT



No Au > .02 OPT

WEST OATMAN PROJECT

Mohave County, Arizona

Drill Hole Number	Date Started	Date Completed	Angle	Bearing	Depth	Depth To Water	Township	Range	Section
WO-91-1	1/15/91	1/16/91	-60°	Due North	590'	260'	T20N	R20W	Sec. 19, SW1/4, NW1/4, SW1/4
WO-91-2	1/17/91	1/17/91	-90°	-	400'	220'	T20N	R21W	Sec. 24, NE1/4, NE1/4, SE1/4
WO-91-3	1/18/91	1/19/91	-90°	-	600'	185'	T20N	R21W	Sec. 24, NW1/4, SE1/4, SE1/4
WO-91-4	1/19/91	1/20/91	-90°	-	400'	180'	T20N	R21W	Sec. 24, NW1/4, NE1/4, SE1/4
WO-91-5	1/21/91	1/21/91	-90°	-	400'	180'	T20N	R21W	Sec. 24, SE1/4, NW1/4, SE1/4
WO-91-6	1/22/91	1/22/91	-90°	-	300'	260'	T20N	R21W	Sec. 24, NE1/4, NW1/4, SE1/4
WO-91-7	1/22/91	1/23/91	-90°	-	400'	240'	T20N	R21W	Sec. 24, NE1/4, NW1/4, SE1/4
WO-91-8	1/23/91	1/24/91	-90°	-	400'	260'	T20N	R21W	Sec. 24, NW1/4, NW1/4, SE1/4
WO-91-9	1/24/91	1/24/91	-90°	-	365'	160'	T20N	R21W	Sec. 24, SW1/4, NW1/4, SE1/4
WO-91-10	1/25/91	1/25/91	-90°	-	600'	145'	T20N	R21W	Sec. 24, NW1/4, SW1/4, SE1/4
WO-91-11	1/26/91	1/26/91	-90°	-	410'	160'	T20N	R21W	Sec. 24, SE1/4, NE1/4, SE1/4
RAL-1	2/15/91	2/15/91	-60°	S3°E	300'	NA	T20N	R20W	Sec. 30, NE1/4, NW1/4, SE1/4
RAL-2	2/16/91	2/16/91	~~-90°~~ -60°	~~-~~ S. 15E	200'	NA	T20N	R20W	Sec. 19, NW1/4, SE1/4, SE1/4

REYNOLDS METALS EXPLORATION, INC.

REVERSE CIRCULATION DRILL LOG

PROJECT: WEST OATMAN HOLE NO. RAL-1 TOTAL DEPTH 300'

LOCATION: STATE ARIZONA COUNTY MOHAVE SEC. 30 TWP. 20N RGE. 20W

ELEV. 2010 INCLIN. -60 DIR. S 3°E COORDINATES: 2400 FSL N., 1900 FEL E.

DATE: COLLARED: 2/15/91 COMPLETED: 2/15/91 LOGGED BY: R. IRWIN DRILLED BY: HARRIS drilling

OXIDIZED: 0-40' 50'-125' TRANS: 40'-50' REDUCED: 125'-300'

ALTERATION SUMMARY: NO Water

MINERALIZATION SUMMARY:

OTHER COMMENTS:

INTERVAL SAMPLED DEPTH	LOG	DESCRIPTION	ASSAYS Au ppb	Au Ck.	Ag ppm	As	Sb	Hg
5		ALLUVIUM	<5		<.2			
10		ALLUVIUM; bedrock ENCOUNTERED AT 10'	<5		<.2			
15		NO SAMPLE	NO SAMPLE		NO SAMPLE			
20		DARK olive TRACHYTE containing FRESH biotite and plagioclase	<5		<.2			
25		SAA but half of chips bleached to LT. TAN; some quartz veining PRESENT with minor Limonite staining	<5		.2			
30		mixture of bleached Limonitic TRACHYTE and LT GRAY-TAN silicified Rock with minor limonite; INTERVAL cut by milky quartz veinlets.	<5		.2			
35		Med.-dark gray TRACHYTE and bleached LT. TAN mildly Limonitic TRACHYTE with minor milky quartz veinlets locally stained by Limonite.	<5		.2			
40		Med gray TRACHYTE with minor bleached, TAN TRACHYTE having minor limonite staining cut by by quartz veinlets with minor Limonite	<5		<.2			
45	PY	SAA with TRACE REMNANT pyrite	<5		<.2			
50	PY	mixture of med. green TRACHYTE with TR-1% VFG PYRITE TAN LATITE(?) with mild Limonitic staining and limonitic quartz veinlets	<5		<.2			
55		TAN LATITE(?) with minor limonite staining and minor Limonite stained quartz veinlets.	15		<.2			
60		mixture of TAN LATITE(?) with minor Limonite staining and Limonitic bull quartz and LT. OLIVE GREEN TRACHYTE with mildly altered feldspars and variably altered biotite.	5		<.2			
65		LT. olive green mildly altered TRACHYTE with minor limonite staining cut by a few scattered quartz veinlets	10		<.2			
70		SAA weakly propylitized and cut by minor qtz veinlets	10		<.2			

PROJECT West Oatman HOLE NO. RAL-1 PAGE 2 OF 4

INTERVAL SAMPLED DEPTH	LOG	DESCRIPTION	ASSAYS Au	Au Ck.	Ag	As	Sb	Hg
			ppb		ppm			
75		LT. med olive green mildly propylitized trachyte cut by a few limonitic quartz veinlets	5		<.2			
80		SAA but with more quartz veinlets and slightly more limonite	<5		<.2			
85		Med olive green mildly propylitized trachyte; some chips bleached to lt. olive green; chips cut by limonitic quartz veinlets	<5		<.2			
90		SAA but interval cut by a few scattered quartz veinlets	<5		<.2			
95		SAA with interval cut by a few scattered quartz veinlets	<5		<.2			
100		SAA	<5		<.2			
105		SAA with a few scattered locally limonitic quartz veinlets and hairline fractures filled with limonite Hit H_2O in fractures at 105'	<5		<.2			
110		SAA but without quartz veinlets	<5		<.2			
115		Lt. gray-med. gray trachyte cut by a few hairline fractures coated with limonite	<5		.2			
120		Lt-med green mildly propylitized trachyte cut by a few scattered milky quartz veinlets which are locally limonitic biotite fresh-mildly chloritic	<5		<.2			
125		10% trachyte as above 90% lt tan latite dike	<5		<.2			
130	py	SAA but with tr v.f.g. pyrite	<5		<.2			
135	py	20% lt grayish green mildly propylitized trachyte with trace-1% vfg pyrite 80% lt tan latite	<5		<.2			
140	py	30% lt. grayish-green mildly propylitized trachyte with trace pyrite 70% lt tan latite	<5		<.2			
145	py	50% lt grayish-green trachyte with trace-2% vfg pyrite Some biotite altered to chlorite or phlogopite 50% tan latite	<5		<.2			
150	py	30% lt grayish-green trachyte with trace vfg pyrite, biotite altered to chlorite or phlogopite 70% lt. tan latite	<5		.2			
155	py	5% lt grayish-green trachyte 95% lt tan latite with 1-3% vfg pyrite	<5		<.2			
160	py	SAA with 1-2% vfg pyrite	<5		.3			
165	py	SAA with 1-2% vfg pyrite	<5		.4			
170	py	SAA with 1-2% vfg pyrite	<5		.6			

PROJECT West Oatman HOLE NO. RAL-1

INTERVAL SAMPLED DEPTH	LOG	DESCRIPTION	ASSAYS Au ppb	Au Ck.	Ag ppm	As	Sb	Hg
175		20% LT GREEN mildly PROPYLITIZED TRACHYTE 80% LT. TAN LATITE with 1-2% V Fg PYRITE	<5		.4			
180	py	50% LT. TAN LATITE 50% biotite QUARTZ MONZONITE; FINE GRAINED AND UNALTERED	5		.2			
185	py	40% LT TAN LATITE with 1% V Fg PYRITE 60% LT GRAYISH GREEN QUARTZ MONZONITE	5		.9			
190	py	LT GRAYISH GREEN mildly PROPYLITIZED biotite QUARTZ MONZONITE with TR - 1% V Fg PYRITE	10		.4			
195	py	SAA	<5		.2			
200	py	SAA	<5		<.2			
205	py	40% mildly PROPYLITIZED TRACHYTE 60% TAN Rhyolite with QUARTZ PHENOCRYSTS and TRACE - 1% PYRITE	<5		<.2			
210	py	MIXTURE OF GRAYISH GREEN TRACHYTE AND biotite QUARTZ MONZONITE with 1-2% V Fg PYRITE MINOR TAN Rhyolite OR LATITE	<5		<.2			
215	py	90% LT TAN Rhyolite OR LATITE with 1-2% biotite AND TR V Fg PYRITE 10% GRAYISH GREEN QUARTZ MONZONITE	<5		<.2			
220	py	SAA	<5		<.2			
225	py	90% mildly PROPYLITIZED QUARTZ MONZONITE with TRACE V Fg PYRITE 10% LT. TAN LATITE	<5		<.2			
230	py	SAA	<5		<.2			
235	py	90% TAN LATITE with 1-2% biotite AND TR. PYRITE 10% GRAYISH-GREEN QUARTZ MONZONITE	<5		<.2			
240	py	SAA	<5		<.2			
245		90% GRAYISH-GREEN biotite QUARTZ MONZONITE 10% TAN LATITE	<5		<.2			
250		95% LT GREEN WEAKLY PROPYLITIZED biotite QUARTZ MONZONITE 5% TAN LATITE	<5		<.2			
255	~ py	UNALTERED biotite QUARTZ MONZONITE CUT by SCATTERED QUARTZ-Epidote VEINLETS; TR. PYRITE	<5		<.2			
260		SAA	<5		.2			
265		SAA	<5		<.2			
270		50% LT APPLE GREEN PROPYLITICALLY ALTERED QUARTZ MONZONITE 50% FRESH biotite QUARTZ MONZONITE	<5		.2			

PROJECT WEST OATMAN HOLE NO. RAL-1

INTERVAL SAMPLED DEPTH	LOG	DESCRIPTION	ASSAYS Au	Au Ck.	Ag ppm	As	Sb	Hg
275		LT GREEN WEAKLY PROPYLITICALLY ALTERED biotite QUARTZ MONZONITE	<5		.2			
280		SAA	<5		<.2			
285		SAA	<5		<.2			
290		SAA	20		<.2			
295		30% TAN LATITE 70% LT-med GREEN mildly PROPYLITIZED biotite QUARTZ MONZONITE	<5		.2			
300		10% TAN LATITE 90% med GREEN mildly PROPYLITIZED biotite QUARTZ MONZONITE	<5		.2			
EOH								

REYNOLDS METALS EXPLORATION, INC.

REVERSE CIRCULATION DRILL LOG

PROJECT WEST OATMAN HOLE NO. RAL-2 TOTAL DEPTH 200'

LOCATION: STATE AZ COUNTY MOHAVE SEC. 19 TWP. 20N RGE. 20W

ELEV. 2150 INCLIN. -60° DIR. S15°E COORDINATES: 900FSL N., 1325FEL E.

DATE: COLLARED: 2/16/91 COMPLETED: 2/16/91 LOGGED BY: RI DRILLED BY: HARRIS

OXIDIZED: 0-85 TRANS: 85-95 REDUCED: 95-200'

ALTERATION SUMMARY: Oxidation 0-85' ; QUARTZ MONZONITE mildly propylitized Throughout

MINERALIZATION SUMMARY: NO water

OTHER COMMENTS:

INTERVAL SAMPLED DEPTH	LOG	DESCRIPTION	ASSAYS Au ppb	Au Ck.	Ag	As	Sb	Hg
5		GRAY med grained biotite quartz monzonite weathered but unaltered.	20					
10		SAA	10					
15		SAA	20					
20		SAA but with minor quartz veinlets and limonite	10					
25		SAA	55					
30		GRAY medium grained biotite quartz monzonite with some limonite probably from oxidized ferromags. No quartz veins.	10					
35		SAA quartz monzonite is unaltered	15					
40		SAA	25					
45		mixture of alt. and mildly alt. quartz monzonite. Alt. quartz monzonite bleached, limonitic and cut by a few limonitic quartz veinlets. This interval on whole more limonitic than previous samples	65					
50		Similiar to above but without quartz veining. only minor limonite	35					
55		unaltered, non quartz veined quartz monzonite	<5					
60		SAA	10					
65		SAA with trace quartz veinlets	<5					
70		SAA but some chips mildly propylitized; minor limonite	<5					

PROJECT WEST OATMAN HOLE NO. RAL-2

INTERVAL SAMPLED DEPTH	LOG	DESCRIPTION	ASSAYS Au (PPB)	Au Ck.	Ag	As	Sb	Hg
75		mildly propylitized quartz monzonite with minor limonite	<5					
80	q	SAA with minor quartz veinlets	<5					
85	q	SAA with minor quartz veinlets	<5					
90		weakly propylitized quartz monzonite w/ trace remnant vfg pyrite and minor limonite	<5					
95	py	weakly propylitized quartz monzonite with 1% vfg pyrite and minor limonite.	40					
100	py	greenish-gray slightly propylitized quartz monzonite with tr-1% vfg py no FeOx	5					
105	py	SAA	5					
110	py	SAA with trace limonite	125					
115	py	SAA	15					
120	py	greenish-gray slightly propylitized quartz monzonite with tr vfg pyrite	<5					
125	// py //	SAA with trace vfg pyrite and trace limonite as well as calcite	5					
130		greenish-gray slightly propylitized quartz monzonite with trace limonite. No pyrite observed.	15					
135	/ py //	SAA with trace vfg pyrite, minor calcite no limonite.	<5					
140	py	SAA with trace - 1% vfg pyrite	5					
145	// py //	SAA with trace - 1% vfg pyrite; minor calcite in fractures.	10					
150	py	greenish-gray quartz monzonite mildly propylitized with trace - 1% vfg pyrite no calcite	5					
155	q py q	SAA with trace - 1% vfg pyrite minor milky qtz veinlets	70					
160	q py q	SAA with trace - 1% vfg pyrite minor milky quartz veinlets.	10					
165	py	SAA trace - 1% vfg pyrite No quartz veining	80					
170	py	greenish-gray mildly propylitized quartz monzonite with trace - 1% vfg pyrite, trace limonite, no quartz veining.	5					

PROJECT WEST OATMAN HOLE NO. RAL-2

INTERVAL SAMPLED DEPTH	LOG	DESCRIPTION	ASSAYS Au	Au Ck.	Ag	As	Sb	Hg
175	+ + py + +	GREENISH-GRAY QUARTZ MONZONITE MILDLY PROPYLITIZED TR-1% VFg PYRITE NO LIMONITE	70					
180	+ + py + +	SAA	255					
185	+ + py + +	SAA	20					
190	+ + // py + + //	SAA WITH MINOR CALCITE ; SAMPLE A LITTLE DAMP	5					
195	+ + py + +	SAA	10					
200 EOH	+ + py + +	SAA	<5					

KEY:

+ + + BIOTITE QUARTZ MONZONITE

~ QUARTZ VEINLETS

/ / / CALCITE

py PYRITE