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(175) items

PEPORT ON THE PROPERTY
Of the
VIRGINIA-LOUISE MINING COMPANY
At Pioche, Nevada,

With Special Reference to Its Relation to the Adjoining Ore Body Developed on the Princs Mine.

By James Lindsey, 516 Chamber of Commerce, Portland, Oregon.

on the south the Prince Mine. Its location is some three miles southwest of Pioche, Nevada. A railroad is about completed from Pioche to the Prince mine. This grade crosses the common end line of the two properties. Rails should be laid and the road in operation within a few weeks. The Prince Company has entered into a five year contract with one of the smelter companies near Salt Lake to deliver 200 tons per day, shipments to begin in May, 1912. Freight rate is \$1.75 per ton. This is but part of what the mine can produce.

The country rocks of the territory covered by the Prince and Virginia-Louise ground consists of an underlying floor of thick Cambrian quartzite, with every trace of its original sandstone texture completely altered by the intrusion of rhyolitic porphyry dikes, at which time or subsequent thereto fissures were formed through which mineralized solutions rose and deposited ores both in the fissures in quartzite and bedded ore deposited above.

Overlying this massive quartzite floor is a bed of chales several hundred feet thick, with massive limestone rock

on top of the shales which is now observed as the surface rock of large portions of the district.

At the developed portion of the Prince mine, and on the Virginia-Louise ground the surface limestone, the underlying and overlying beds of shale, as well as the 300 feet thick bedded ore-bodies, and lower quartzite floor dips to the southeast at an angle of 15 to 20 degrees or more.

On the Prince ground some 100 yards northwest of the Prince and Virginia-Louise common and line an ore outcrop 100 to 150 feet wide by several hundred feet long is to be seen. At the upper end of this outgrop and about 550 feet from the common and line a shaft has been sunk 590 feet, the last 40 feet of which penetrated the quartzite floor, which is permanent water level. (See map attached.)

been run, all in ore, except where the shaft cut relatively small beds of barran shale. This Prince shaft first cut a solid hed of iron manganese ore carrying a silver, gold and lead value, with some zinc, besides about 35% to 40% excess of iron and manganese over silica. This first bed is 220 feet thick, 100 feet wide at the shaft and widens to over 150 feet in the south cross-cuts which are about midway between the shaft and common end line. This block of ore has been thoroughly proven by drifts, cross-cuts and upraises run at about 50 and 100 foot intervals. Every face and heading is in ore, and every cross-cut discloses the massive limestone walls of this ore-body. This solid face of ore has been proven to be 220 feet thick by 150 wide at the south workings and over 300

fest long with all south headings within about 250 feet from the Prince and Virginia-Louise common end line. Indeed, the major portion of this great body of ore lies south of the Prince shaft and toward the Virginia-Louise ground.

Below the first 220 foot bed occur several more beds of like ore mixed with a higher grade of ore where the lower fin-sures at times flatten somewhat and follow the bedding planes of the shales. According to that eminent authority, J.M.Spurr, these lower beds total over eighty (80) feet in thickness. These measures rest upon the lower quartzite floor. Coming up through this quartzite floor are two fissure veins mineralized with a high grade of silver, lead and gold values, but at present unprespected on account of being below water level.

The ore reasonably in actual sight that can be measured up on at least three sides is about one million tons (with a vast tonnage of probable ore reasonably assured), from which a profit of \$3 per ton should be made with a fair contract with the smalters, and \$4 per ton on as favorable a contract as the Cave mine has.

The Prince mine has been systematically sampled each successive 5 and 10 feet throughout its entire workings and an ore value of about \$7 to \$8, determined with higher values prevailing in the intermediate ore beds and fissure vein ores.

Samples from the lower fissure vein average, according to Nr.Les, \$38.89 per ton.

"Smelting plants generally estimate ores in stock carrying good iron excess on the following basis:

"Gold at \$20 per ounce;

"98% of the silver;

"Load at market price;

"Iron and manganese at 10¢ per unit;

"Silica, penalty of 12s per unit;

"No smelting charge.

"Upon this basis the net value is \$4,265,155.55." (Lee.)

Science one-budy, alt or send owner

The two finaure veins coming up through the quartite, so far as explored, contain a very high grade of silver-lead ors. This ore and the enclosing wall rock is similar in kind to the ores and wall rocks of the Raymond & Ely and Neadow Valley veins at Pioche that produced some twenty million dollars about forty years ago, down to water level, from like veins but 2 to 4 feet wide.

The Prince ores from the fissures in quartaits upon reaching the overlying shale beds both intersected the beds and to some extent followed the bedded incline planes of the lower measures. The two beds of intermediate grade of ore here found are from 5 to 15 feet thick. Nearly all of the development on these two intermediate ore-beds has been to the north of the shaft, while the iron manganese beds as developed practically find their limits to the south of the shaft.

These bedded ore deposits, the shale beds, quartzite floor, as well as the non-mineralized shale beds overlying a part of the 220 feet ore-bed, all dip to the southeast at an angle of up to 20 degrees. All the ore-bedies developed in this great ore-trough occur between massive limestone walls. These limestone walls, the shale bedsbetween which overlie the

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south portion of the proven Prince ore-body, all extend over the common end line well down the length of the Virginia-Louise ground.

deposited by replacement these bedded ore-bodies, had their source from the two fissures in the underlying quartzite or from fissures yet to be discovered by development to the southeast, and I predict that these fissures are veins which, in a measure, intersect at a sharp angle the bedded deposits and follow them rather longitudinally, will be found to have continued the mineralization of this great ere-trough well down on the Virginia-Louise ground, and that the bedded ore-deposits with underlying fissure veins in quartzite will be found by development on the Virginia-Louise.

Morsover, I incline to the opinion that the mineralizing solutions which had their source from fissures followed the
incline cleavage planes of the bedded shale upward and not
downward. This theory affords a logical reason for continued
mineral deposits to the southeast on this proven one zone.

workings, which expose commercial ore-bodies aggregating 300 feet thick by half as wide, and at a point about 20 feet south of the common end line of the Prince and Virginia-Louise proparties, a two compartment, vertical working shaft is being sunk through the shale capping found between the limestone walls. This shaft was 100 feet deep on April 1, 1912. The contractors now sinking another 100 feet.

Taking the dip of the ore beds in the ore-trough at 20

by the Virginia-Louise shaft in about 50 feet more depth, but as the ore trough may dip at a little greater angle the shaft may have to be extended deeper to reach the ore-body.

From reports on the Prince mine by eminent authorities, J.E.Spurr (of Spurr & Cox), N.E.Lee (for Vogelstein & Co.), and E.L.Godhe, I quote as follows:

PThe several cross-cuts shown in the 200-foot level plan, likewise show the ore deposit is increasing in width as development progresses to the southeast." -- Lee.

The development work demonstrates a commercial ore-body 310 feet long, with an average width of 110 feet. The surface outcrop corresponds with the demonstrated widths on the 200-level and also indicates the ore body will continue for 300 to 400 feet further to the southeast." -- Lee.

"Here there outgropped at the surface a broad zone of ore, having a general northwest-southeast trend, narrowing to a point at the northwest, and broadening to the southeast, and having a width of from 50 to 150 feet." -- Spurr.

below the second level, or over 200 feet below the surface. It is very likely that it pitches to the southeast, with the general dip of the beds." -- Spurr.

"The fissures in the quartzite have not been explored.

If the relations found in similar conditions at Pioche proper,

hold good here, and these conditions both at Pioche and here are

such as one would logically expect, the fissure-veins in the

quartaits will prove much stronger than in the shale." -- Spurr.

rying (in the exidised form which is all that has so far been encountered) argentiferous lead carbonates and silver chlorides. These eres are relatively high in silver, the good ere carrying (according to smelter returns seen) around 100 cunces silver, and 25 to 30 per cent lead, with 35 to 50 per cent insoluble, and 8 to 10 per cent iron. When sulphides are encountered in depth in these veins, they will probably be found to be mixed sulphides of lead, sine, and iron with a quartz gangus."-- Spurr.

"Limitations of the ore to the southeast have not been determined even approximately." -- Spurr.

"Indicating that the bottom of the ore-trough pitches downward flatly to the southeast, with the inclination of the strate." -- Spurr.

"Should each of these beds (lower ore zones) extend 100 feet away from the main finsures, and extend along the zone, on the dip, for 300 feet, their aggregate thickness of eighty (80) feet would give some 240,000 tons." -- Spurr.

There is as yet no ore limit in sight, in almost any direction, as development possibilities. The ore-trough and beds must be thoroughly explored. Much also should be done with the fissure veins." -- Spurr.

Estimated profits of the proven low grade tonnage of the Prince mine (900,000 tons blocked) will yield a net profit, according to Godbe, as follows:

On prevailing Cave mine contract rate, on like eres \$4.11 On prevailing Cliff mine contract "

(In the Cliff mine contract gold and lime are

not paid for, which should add 45 cents, or) 3.31

2.86

Or, from \$2,000,000 to \$3,700,000, according to the smelting rate made, to which should be added the profits on ores known to exist but as yet not blocked out.

All legal matters pertaining to the Virginia-Louise Company are looked after by the well known mining attorney, Wr. Charles Lee Horsey, while the development is being directed by Mr. William Lloyd, the able manager of the Prince mine.

From my recent examination of the surface of the ground, the Prince mine workings and Virginia-Louise shaft to its present depth, the logical conclusion I arrive at is that the shaft on the Virginia-Louise, if extended in depth, should intersect the Prince ore-bodies and out like measures. With these oremeasures intersected by the Virginia-Louise shaft a long-lived and highly profitable mine is assured from the low grade bedded ore deposits, with reasonable assurance that fissure veins will be encountered below, which fissures can, with considerable certainty, be depended upon to yield highly profitable orebodies.

Very respectfully,

Janues Lindsey

Portland, Oregon,

April 5, 1912.

When operations were resumed upon upon the "Old Mendha Shaft" by the Mendha Nevada Mining Company, all efforts were put forth in determining the extent of the North and South fissure.

Development started upon the seventh level by running a drift

to the South for a distance of one hundred and sixty feet, the entire

distance being on ore with an average width of six feet. Twenty five

feet from the shaft stoping commenced and continued for eighty feet in

length and forty feet high, with the same width of ore continuing in both

faces, anxentimate about tons of \$30.00 was shipped from this

stope. From this stope a winze was sunk feet deep, connecting with

the Eight hundred foot level, all in are same character of ore as taken

out of the stope. (On the extreme Southerly end of this stope a drift to the east
is being run atxthexpresentations showing of feet of \$1270 ore, taxex

reached
the drift has been a distance of ---- feet.)

Shift continued from raise to Earth a distance of 40 ft still on on the thence 55 ft to South volknowing very little on fault occurring and no further development being done

PRINCE CONSOLIDATED MININ MINES AT PIOCHE, NEW WILLIAM LLOYD SUPERINTENDENT Tomes to Terrel Cornectly with 5 level Level drifting is done town strikes of boin EXTO for a distance of 200ff and stoped for fifty If above drift back of stope Exposing two It of so I twenty del or all bigin ground above This latope to turned level Efelline. All development at this goint is confirmed to that of 108 H. augu world of one life all a fourt fifty for Anagereer the fore proof. Cighth Louds All developments to The South Mest. Xent 50ft that internets The one body and connections with Many There diffy Son on for distance of 100 ft all in good grack ton due midthe fine the which gives an estimately from the 7 to 8th level blocked on there sides 100×100× 5ft mide = allowy & Scabin flow All how will give an Extractor of 6.250 hours. It a faul Hesty fl S. of Shaft, a Winge is sunt to the gt kunt all in one arrays midt off

at a point about 120 ft Sout of the shaft on the 8th Level-a wriger has been sunk 65 feet to the 8-50 level which is an intermediate level, this wings was sunt on on an arrage width & off On both sides. From this bottom of their wrongs a drift is sun to the South 45 feet with Some Over showing and continued S. Easterly 55 feel with on and about 2 feet, at a point 45 feet south of the bottom of the wronge first mentioned another wings was sunk 65 feet Do Co verte the 900 ft level an any gravist 3 ftg ove en both sides of this wronger.

Salt Lake City, Utah, Mar. 5th, 1909.

Mr. H. A. Harvey,

Salt Lake City, Utah.

Dear Mr. Harvey:

I have just completed an examination of the Prince Consolidated property at Pioche, Nevada, and my conclusions, both as to the mine itself and Mr. Godbe's report on same, copy of which I hand you herewith, are embodied in this letter.

It is evident from conditions observed on the ground, not only in the Prince Consolidated mine, but in several of the other leading properties of the district, to which I had access for the purpose of investigating geological conditions, that Mr. Godbe's statement as to all of the essential features of the proposition are in accordance with the facts.

Since the report referred to was made additional drifting on veins Nos. 1 and 2, at the 300 and 400 ft. levels, has demonstrated that the ore bodies in these veins are much longer than the work done at the time the report was made would indicate. In fact, these fissures seem to be ore bearing to a greater or less extent throughout, although as is usual in such cases the higher values are contained in shoots or lenses. This new work also indicates the presence of an additional bedded vein beside the one mentioned in the report, and the cross-cut on the 550 ft. level had just reached vein No. 1 at the time of my visit to the property; the vein where cut at this level showed from two to three feet of high grade silver-lead-gold ore, sample of which assayed in accordance with the attached assay certificate. On the 400 ft. level a fissure has just been developed that crossess vein No. 1 at right angles. The drift on this cross vein shows about 12

inches of high grade ore of the same character as that produced from the other fissure. It would appear that the whole formation on the footwall side of the low grade ore body contains a net work of fissures and bedded veins, all of which are ore bearing to agreater or less extent; the hanging wall of this ore body has not been explored.

No development of any consequence has been done on the low grade ore body in addition to that mentioned in Mr. Godbe's report. A sample taken from about 2000 tons of this material on the dump at the Prince Consolidated shaft, shows values in accordance with the attached assay certificate. This ore body is evidently a metasomatic replacement of the limestone and lime-shale formation along a shear zone or fault fissure cutting the bedding planes of these rocks at right angles. From the fact that it contains ores of galena and shows lower silverlead values on the foot wall side, it seems probable that this ore body was originally deposited as a sulphide, and has been oxidized and impoverished by descending waters. For that reason, I believe that, while it may not be as large at depth, as in the upper levels, yet there is every reason to believe that it will contain large masses of high grade silver-lead ore due to secondary enrichments whereas the conditions favor this deposition of ores of this character. A favorable condition of this sort would be present either at water level or on top of the quartzite formation, which undoubtedly underlies the limestone and shale formation.

The large oxidized ore body contains some inclusions of hard lime on the hanging wall side. The hanging wall where developed appears to be irregular; the foot wall is much better defined. On account of its great width and firm walls, I believe this ore body could be mined by open cut work to a depth of at least 150 feet, and that below that level the caving system or some of the other mining methods involving

the use of little timber will be practicable.

It is evident that the earning capacity of this property is large—
ly dependent on the tonnage of low grade fluxing ore for which a market
can be obtained. On account of the desirable nature of this ore and
the limited supply of material of this character in the Utah smelting
field compared with the rapidly increasing tomage of the various
smelting plants now in operation in this region, there is, I think, at
the present time a market for not less than 600 tons per day of this
class of material. The question of a market does not figure in connection with the ore found in the fissures and bedded veins, as there is
always a market for the comparatively small tonnage of these higher
grade ores that is available. On present developments, 20 tons per
day of this material could easily be produced.

I will assume that the tailings now on this property will be disposed of in accordance with Method No 1 as set forth in Mr. Godbe's report, which consists of separating slimes from sands, shipping the former to lead smelters as ore in the form of filter press cakes, and the latter to the copper smelters for converter lining. It would appear that there would be a market for a large tomage of the slime filter press cakes on account of their comparatively high content in silver, gold and lead. I should say that the limiting condition as to the tomage in handling these tailings as suggested would be the market for sands as converter lining; assuming this at 100 tons per day, the per diem production and profit from this proposition would be as follows, profits per ton bein taken from Mr. Godbe's report:

600 tons low grade fluxing ore @ 3.25 per ton	\$1,950.00
20 tons high grade smelting ore from fissures and bedded veins @ 36.00 per ton	720.00
100 tons slimes @ 9.00 per ton	900.00
100 tons sands at 3.00 per ton	300.00
Total	\$ 3,870.00

Assuming 300 working days per year to allow for accidents and shut downs, the net output per annum during the first year of operation would be \$1.161,000.00. At this rate of production the present ore reserve in the fissures and bedded veins will be exhausted in two and one-half years and the tailings in three years. It is very probable that further development on the fissures, particularly in the vicinity of the quartzite, will be of such a character as to make it possible to keep up a production of at least 20 tons per day from them during the life of the property. By the time the tailings dump is exhausted there should be a sufficient increase in the market for low grade fluxing ore to make it possible to maintain the annual net profit at approximately the amount above estimated, by increasing the production of the ore of that character.

on a basis of Mr. Godbe's estimate as to the tonnage of low grade material, which is as he states one-half of the probable tonnage developed, the annual net profit as above estimated should be maintained for something over seven years. With interest charges at 8% and upon the assumption that it will take seven years to realize on values now developed, which he estimates at \$8,060,000.00, the present value of this proposition is \$6,296,953, which is practically \$6.30 per share on its capital stock for one million shares. This estimate of course makes now allowance for future development nor for probable tonnage above the 400 foot level in excess of two million tons estimated in Mr. Godbe's report.

Notwithstanding the fact that the tonnage already developed in this property is far in excess of the total production of many mines that have been considered notable, yet the proposition today from the standpoint of development is really in its infancy. I have no hesitation in saying that it is by far the best property for the amount of work so far done that I have ever seen, and the conditions promise a very great increase in the demonstrated value of the property by future development. I believe that it will make one of the few really great mines of the world.

Yours very truly,

(Signed) Alden H. Brown.

P. S. I hand you herewith sketch showing vein system in this property.

Hinche Commercial Club

February 25, 1914.

Mr. Charles Shea,

Portland, Oregon.

Dear Sir: -

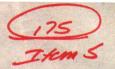
Have your inquiry in regard to the Price claim, patented. In our opinion, this claim is one of merit. It covers the ground formerly embraced in the Alps, which in the early '70s had a dividend record of over \$500,000. It is on an extension of the Yuba dike which is generally supposed to be the source of mineralization of the Pioche mines, and is about one mile East of the old Raymond & Ely. It has a good cross fissure, and ore has invariably been found at or near the intersection of the Yuba dike and a cross The values in the early days were lead-silver, with a percentage of gold unusually high for dike ores. The entire production was from above the 300 foot level; about that depththe ore body was faulted and lost. It is extremely probable that a reasonable outlay of money will result in locating the continuation of the ore shoot; then, with a wagon haul of only one mile to the railroad, as compared with the hardships of the early days, there is no reason why the dividends could not be doubled with the same production of ore.

Very truly yours,

PIOCHE COMMERCIAL CLUB,

U. I. Cott

Secv.



Bank of Nioche

Capital \$ 25,000.00 PIOCHE, NEVADA

Feb. 25th 1914.

Mr. C. S. Shea,

Portland, Ore.

Dear Sir:

Answering your inquiry regarding the property of the Old Alps Mining Company, now owned by Messrs Cook, Lloyd, Price, etal beg to report as follows:

That the Alps mine was operated in the early days of this camp, about 1873. The perpendicular shaft is about three hundred feet deep. Crosscuts run from the one hundred, two hundred and three hundred feet levels. A substantial gallows frame still remains over the shaft.

The Pioche Record, a paper printed in this camp at the time the old company was working, records a production of something over \$500,000. The character of the ore was a rich silver-lead and carrying good values in gold.

The property, unquestionably, has considerabe merit and with the present means of transportation it is a desirable mine.

Yours very truly,

Cashier.

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Alex Lloyd

Con. Serial 45218

ASSAY CERTIFICATE

UNION ASSAY OFFICE, INC.

J. V. SADLER, President

A. C. SELBY, Vice-Pres. & Treas.

A. C. SELBY, Jr., Secretary

Salt Lake City, Utah

		RESUL	AS PER TO	N OF 2000	POUNDS		277 1040		Nov. 1	2, 1940		
LOT	CLASS	GOLD Ozs. per Ton	SILVER Ozs. per Ton	LEAD Wet on Ore	COPPER Per Cent,	INSOL. Per Cent.	ZINC Per Cent.	SULPHUR Per Cent.	SPEISS Per Cent.	IRON Per Cent.	LIME Per Cent.	Per Cent.
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Murray	P.	0.200	11.7	7.7		41.0	2.3	0.6		15.8		15.59
	2	410	23.7	15.7		81.8				323		3.25
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Remarks

Sampled By. U. O. S. Co.

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UNION ASSAY OFFICE, INC.

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	. V.	SAL	LER,	Pregi	dent

A. C. SELBY, Vice-Pres. & Treas.

A. C. SELBY, Jr., Secretary

Salt Lake City, Utah Oct. 6, 1938

RESULTS PER TON OF 2000 POUNDS

		GOLD	SILVER	LEAD	COPPER	INSOL.	ZINC	SULPHUR		IRON	LIME	- F-3-1-2-1
LOT	CLASS	Ozs. per Ton	Ozs. per Ton	LEAD Wet on Ore	Per Cent.	Per Cent.	Per Cent.		Per Cent.		Per Cent.	Per Cent.
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A. S.	& R.	0.230 2/470 .235	7.8 18.45 7.926	7.8 15.7 1.85								

Remarks				
Sampled	By	Murray	Plant	
Charges	\$			



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LOT	CLASS	GOLD Ozs. per Ton	SILVER Ozs. per Ton	LEAD Wet on Ore	COPPER Per Cent,	INSOL. Per Cent.	ZINC Per Cent.	SULPHUR Per Cent.	SPEISS Per Cent.	IRON Per Cent.	LIME Per Cent.	Per Cent.
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Remarks

Sampled By Murray Plant

Charges \$

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LOT	CLASS	GOLD Ozs. per Ton	SILVER Ozs. per Ton	LEAD Wet on Ore	COPPER Per Cent.	INSOL. Per Cent.	ZINC Per Cent.	SULPHUR Per Cent.	SPEISS Per Cent.	IRON Per Cent.	LIME Per Cent.	Per Cent.	
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A. S.	& R.	0.480	11.1	11.4									
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AMERICAN SMELTING AND REFINING COMPANY

SALT LAKE CITY, UTAH, May 5,1939

SILVER, 95% @ .64125 6.79 under 25% lead lead lead, Less 1.5.90% @ .6375 5.71 Labor 8/24/38 COPPER, LESS @ 27.93 INSOLUBLE % @ 4.3 ZINC % @ SULPHUR % @ 4.3 ZINC % @ SULPHUR % @ 1.2 ZINC % @ SULPHUR % @ 1.2 ZINC % W	BOUGHT OF	Alex	Lloyd					MINE M		lement)	Lot	No	5
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VALUES PER TON DEDUCTIONS PER TON	JMPIRE						47.4	3 5			15 7	A 6	
UCR 20637 GOLD	CONTRACTOR OF STREET		THE RESERVE AND PARTY.		11.45		NAME AND ADDRESS OF THE OWNER, TH	THE RESERVE THE PERSON NAMED IN	1 04		Name and Address of the Owner, where		TON
SILVER, 95% @ .64125 6.79 under 25% lead LEAD, LESS 1.5,90% @ .6375 5.71 COPPER, LESS @ .27.93 INSOLUBLE % @ .4.3 ZINC % @ WEIGHT OF LOT. WEIGHT OF				WEIGHT	Mark Street								
COPPER, LESS @ 27.93 INSOLUBLE % @ 4.7 ZINC % @ SULPHUR % @ WEIGHT OF LOT. WEIGHT OF LOT. WEIGHT OF LOT. WEIGHT OF SACKS WET WEIGHT. LESS MOISTURE 6.1 % 4704 LESS TOTAL DEDUCTIONS DRY WEIGHT. TOTAL DEDUCTIONS 6.8 PER TON \$ 775.94 FREIGHT ADVANCED 80M Min @ 3.03 121.20 ADVANCES SAMPLING UMPIRE	UCR	20637			GOLD		@ 31.	81825					2.00
COPPER, LESS @ 27.93 INSOLUBLE % @ 4.7 ZINC % @ SULPHUR % @ 1 WEIGHT OF LOT. W					SILVER, 9	5%	@ .6	4125					The second second
27.93 INSOLUBLE								575	5011	Labor	8/24/38		-21
WEIGHT OF LOT WEIGHT OF LOT WEIGHT OF SACKS WET WEIGHT LESS MOISTURE 6.1 % 4704 LESS TOTAL DEDUCTIONS Max. 6.50 DRY WEIGHT TOTAL DEDUCTIONS 6.8 PREIGHT ADVANCED 80M Min @ 3.03 121.20 ADVANCES SAMPLING UMPIRE TINSOLUBLE % @ 4.3 ZINC % @ 5 SULPHUR % @ 6.5 TOTAL DEDUCTIONS 6.8 PER TON \$ 775.94					COPPER, I	ESS	@	Action Statement	27.03	Total State	Bres A	(1)	
WEIGHT OF LOT					-		140,000 - 150,00		21097				A 7
WEIGHT OF LOT_ WEIGHT OF													400
WEIGHT OF LOT			CONTRACTOR OF THE										
VEIGHT OF SACKS 77120 VET WEIGHT										SULPHUR	%	<u> </u>	
VEIGHT OF	WEIGHT OF LOT						PERMIT			DEBIT			7.82
VET WEIGHT 77120 LESS MOISTURE 6.1 % 4704 LESS TOTAL DEDUCTIONS Max. 6.50 TOTAL DEDUCTIONS 6.8 PER TON \$ 775.94 FREIGHT ADVANCED 80M Min @ 3.03 121.20 ADVANCES SAMPLING UMPIRE 3.00 124.20	WEIGHT OF	96 C. T. S.	SACKS				and said the			1			
DRY WEIGHT 72416 @ \$ 21.43 PER TON \$ 775.94 FREIGHT ADVANCED 80M Min @ 3.03 121.20 ADVANCES SAMPLING UMPIRE 3.00 124.20	WET WEIGHT	600								IRON	%	@	.94
FREIGHT ADVANCED 80M Min @ 3.03 121.20 ADVANCES SAMPLING UMPIRE 3.00 124.20	ESS MOISTURE	6.1 %		4704	LESS	TOTAL DED	UCTIONS	Max.		тоти	L DEDUCTIO	- Harrison	6.88
FREIGHT ADVANCED 80M Min @ 3.03 121.20 ADVANCES SAMPLING UMPIRE 3.00 124.20	DRY WEIG	нт		72416				\$	21.43	PER	TON	\$ 77	75.94
SAMPLING						FF	EIGHT ADVA	CED 80M	Min @ 3.	03 12	21.20		
UMPIRE						A	VANCES						
3.00 124.20		100				SA	MPLING						
			State Plan	(A) = (A) (A) (A)		UI	MPIRE				7 00		24 00
						AS	SAYING		90/50/4		3.00	12	24.20
Rates, except on contracts, subject to change without notice.	Buyers assays g	govern if	seller fails	to make or s	ubmit assays		ET PROCEEDS					61	51.74

NM MAY

FORM S. L. 247 6M 4-38

AMERICAN SMELTING AND REFINING COMPANY

SALT LAKE CITY, UTAH, Oct. 8,1938

BOUGHT OF	Alex	Lloyd, F	Moche, Ne	7.			MINE (F1)	Mendha	The state of the s	LOT N	10. 1	
RECEIVED	10-	4-38	SAMPLED BY_	MP		_CLASS_	rude	s	HIPPING POI	NT Ploche,	Hev.	The state of the s
QUOTATIONS		Go	OLD 34.912	5	SILVER 64	125	LEAD	lo lesa 3	3.5625	COPPER		
ASSAYS		GOLD OZ. PER TON	SILVER OZ. PER TON	LEAD PER CENT	COPPER PER CENT	INSOL.	ZINC PER CENT	SULPHUR PER CENT	ARSENIC PER CENT	IRON PER CENT	Sb	CaO
A. S. & R. CO.		•23	7.8	7.8	.1	34.8	1.0	•	•4	23.0	•4	5.6
U	nion	.24	7.65	7.9		For any						
UMPIRE												
SETTLEMENT ASSAY		.235	7.785	7.85	el	34.6	1.0	358 8-4	.4	23.0	•4	5.6
CAR INITIAL	NUN	MBER	WEIGHT		VA	LUES PER	TON			DEDUCTION	S PER TO	N
UP	6284	19		GOLD		@ 31	81825	7.48	BASE		Same of States	3.00
				SILVER, 9	5% Mines	0	64125	4.63	labor 8	-24-36		.16
				LEAD, LES	ss50%		3075	1,21				
				COPPER, L	ESS	@	1000	48				
	Distant.							13.32			45	
			of the second						The second secon	=%		The second secon
									ZINC	%	@	
									SULPHUR _	%	@	
WEIGHT OF LOT_									DEBIT			
WEIGHT OF		SACKS			500		and the second					
WET WEIGHT			114880	The second		1.1	N. P.		IRON	%	@	
LESS MOISTURE	6.0 %		6892	LESS	TOTAL DEDU	CTIONS		3.16		L DEDUCTION		3.16
DRY WEIG			107988		FRE		\$\$	10.16		TON\$	548.5	3
mark the second	#US 1076 E.S.		The state of the s									F 1 下海
											T.	
					ASS	SAYING				3.00	116.	Committee of the Commit
Rates, except o Buyers assays a prior to acc	n contra govern if ceptance	cts, subject seller fails of payment.	to change wit to make or su	thout notice.				r affidam			431. - 83.	100
			OCT.								47	

AMERICAN SMELTING AND REFINING COMPANY

SALT LAKE CITY, UTAH. Nov. 26,1938

BOUGHT OF	Alex	Lloyd					MINE M	endha		Lot	No2	
RECEIVED1	1-16-3	8	SAMPLED BY_	MP		_CLASS	orud	e s	HIPPING POI	Pioche	, Neve	
QUOTATIONS		Go	34.91	25	SILVER-641	25	LEAD 5	.10 less	1.5625	COPPER		
ASSAYS		GOLD OZ. PER TON	SILVER OZ. PER TON	LEAD (PER CENT	COPPER PER CENT	INSOL.	ZINC PER CENT	SULPHUR PER CENT	ARSENIC PER CENT	IRON PER CENT	CaO	
A. S. & R. CO.		•47	15.2	15.4	•1	28.8	1.0	•4		20.7	4.6	
Uni	on	•485	15.7	15.8								
UMPIRE COWAD			15.5225			9.5						
SETTLEMENT ASSAY		4775	15.5225	15.6	-1	28.8	1.0	•4	Carrie Carrie	20.7	4.6	
CAR INITIAL	NUM	DESCRIPTION OF THE PERSON NAMED IN	WEIGHT		VAI	LUES PER	TON			DEDUCTION	NS PER TO	N
UCR	2174	15		GOLD		@ 31	81825	15.19	BASE			2.00
				The Party of the P	5%	THE RESERVE TO SERVE	4125	9.46	Under 2	% lead		87
		第一个人,			ss 1.5.90		7075	8.98	Labor 8			•28
					ESS							
								33.63		THE STATE OF		
	1988 A		Service of the servic						INSOLUBL	E%	@	2.88
										%		
							13100			%		
					store bloo	tion is final	Drovining					
WEIGHT OF LOT_									DEBIT			6.03
WEIGHT OF		SACKS		a	verage gold q	e from \$34.91	25 as uses					
WET WEIGHT			77000	d	loes hos			Service of the servic	IRON	%	@	1.24
LESS MOISTURE	4.3 %		3312	LESS	TOTAL DEDU	CTIONS		4.79		AL DEDUCTIO		4.79
DRY WEIG	UT		73688			0		28.84	DED	TON	. 1062.	.58
DRI WEIG					FDE	IGHT ADVAN	CED @	3.58	137.83			7-12
					las	Ange by	Pioche N	lines Co.	16.63	121.2	20	
			1			APLING			4.1	Control of the second		100 m
						PIRE				-		
		The same of the sa				AYING				3.0	0 124	20
							openie wales				938.	38
Rates, except of	n contra	cts, subject	to change wi	thout notice	held a/	c return	of silv	er affic	lavit - =			43
Buyers assays g		of payment.		iomit assays		PROCEEDS					s 821,	AND DESCRIPTION OF THE PERSON

FORM S. L. 247 6M 4-38

AMERICAN SMELTING AND REFINING COMPANY

SALT LAKE CITY, UTAH, Dec. 30,1938

2=23=38 oz. per: o24 o24 o24 NUMBER	SILVER	MP 9125 LEAD PER CENT 8.8	COPPER PER CENT	class •64125 INSOL. PER CENT 33 • 8		e85 less	1.5625	Pioche,	Nev.	
oz. per 1	SILVER OZ. PER TON 7.44	LEAD PER CENT	COPPER PER CENT	INSOL. PER CENT	ZINC PER CENT	SULPHUR PER CENT	ARSENIC	IRON	CaO	
oz. per 1	7.64	PER CENT	PER CENT	PER CENT	PER CENT	PER CENT			CaO	
. 24 . 24 . 24 NUMBER	7.6	8.8						PER CENT	COLUMN THE PARTY OF THE PARTY O	
24 NUMBER		8.8				•5		21.65	6.0	
NUMBER	7.5		AND DESCRIPTION OF THE PARTY OF							
NUMBER	7.5									
NUMBER	7.5									
		8.8	01	33.8	1.1	•5		21.5	6.0	
2641	WEIGHT		VA	LUES PER	TON			EDUCTION	S PER TO	N
A facility of the comments of	STATE OF	GOLD			81825	7.64	BASE			2.00
		SILVER, 9	5% Minee			4.49		5% lead		1.42
		LEAD, LES	1.5, 90	0% @	6575	4.32	Labor 8.	-24-38		.28
	The same					-				
A lower						16.45	5.07			
A COLOR				Control of			INSOLUBLE	%	@	3.38
						1.1				
		\$561 '.090 IC	duotation i	average gold	-	4	DEBIT			7.08
SACKS_		guibivorq in	ofation is fin	Gold qu				Ca.09	6	•30
		A CONTRACTOR OF THE PARTY OF TH					IRON	%	@	1.29
%	6946	LESS	TOTAL DEDU	CTIONS		5.49	TOTA	L DEDUCTION	NS	5.49
	126614					10.96	PER 1	TON	693.8	4
			FRI	EIGHT ADVAN	CED	@ 2.20		146.92		
			AD'	VANCES						
			SAI	MPLING						
	A Contract of		UM	PIRE		No la Mari				
	MARKET SERVICE							3.00	149.92	19
200						100	P. SUPA PO		543.92	
tracts, subj	ect to change wi	thout notice.	held a/	c return	of -17-	on affect				
		MATTER COOK AS			OT PITTA	er arrad	avit		94.96	
- t	%	133560 % 6946 126614	LEAD, LES COPPER, L Dash SE 9218 Sect 'Dad III Sect 'D	SACKS 133560 **Begin to the property of the	SACKS 133560 **BE CZIA TEX MOJI BÄUEUD JOU SOOP SACKS 133560 **BE CZIA TEX MOJI BÄUEUD JOU SOOP SACKS 133560 **BE CZIA TEX MOJI BÄUEUD JOU SOOP LESS TOTAL DEDUCTIONS 126614 FREIGHT ADVAN ADVANCES SAMPLING UMPIRE ASSAYING Tracts, subject to change without notice. hold a factorial subject to change without notice.	SACKS 133560 **BEGING LESS TOTAL DEDUCTIONS 126614 **FREIGHT ADVANCED	LEAD, LESS 1-5, 90% @ -6575 4-32 COPPER, LESS @ 16-45 COPPER, LE	SILVER, 98% Min. 5 @ .64125 4.49 Under 26 LEAD, LESS 1.5 90% @ .6575 4.32 Labor 8. COPPER, LESS @	SILVER, 95% Min. 5 @ .64125 4.49 Under 25% lead LEAD, LESS 1.5, 90% @ .6575 4.32 Labor 8=24=38 COPPER, LESS @	SILVER, 95% Min • 5 @ •64125 4.49 Under 25% 1ead LEAD, LESS 1•5, 90% @ •6575 4.32 Labor 8=24=38 COPPER, LESS @ 16.45 INSOLUBLE % @ ZINC % @ SULPHUR % @ SULPHUR % @ DEBIT Ca0% SACKS 133560

FORM S. L. 247 6M 4-38

AMERICAN SMELTING AND REFINING COMPANY

SALT LAKE CITY, UTAH, April 15,1939

BOUGHT OF	Alex	Lloyd					MINE			Lot	No. 4	
RECEIVED	4-12-3	9	SAMPLED BY	МР		_CLASS CT	ıde	s	HIPPING POI	Pioche,	Nev.	
QUOTATIONS		G	OLD 34.91	.25	SILVER 664	125	LEAD 4	.767 less	1.5625	COPPER	6537	
ASSAYS		GOLD OZ. PER TON	SILVER OZ. PER TON	LEAD PER CENT	COPPER PER CENT	INSOL.	ZINC PER CENT	SULPHUR PER CENT	ARSENIC PER CENT	IRON PER CENT	Cao	200
s. & R. CO.		•335	13.9	13.4	.1	37.0	1.1	2.0		20.4	3.0	
Un	ion	•345	14.0	13.7				\$100 pt				
IPIRE												
TTLEMENT ASSAY		.34	13.95	13.55	-1	37.0	1.1	2.0		20.4	3.0	18
CAR INITIAL	NUM	BER	WEIGHT		VA	LUES PER				DEDUCTION	NS PER TON	2 1
UCR	2177	0		GOLD		@ 31	81825	10.82	BASE		2.0	
A Part of the second				The second secon	5%	CONTRACTOR OF THE PARTY OF THE	64125	8.50	Under 3	0% lead	1.8	
				LEAD, LE	ss 1.5.90	% @	6409	6.95	labor 8	-24-38	•	28
				THE RESERVE AND ADDRESS OF	ESS							
				S. Santage				26.27	1-1-100			
17-11-0					Paners Tolk				INCOLUBI	%	0 3.7	0
			李 图 图 图 图 图 图 图 图 图 图 图 图 图 图 图 图 图 图 图				SA MONTANT IN		A CONTRACTOR OF THE PARTY OF TH	%	The state of the s	100
Restaurant Land					20.30		1 T				AND REAL PROPERTY OF THE PARTY	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Control of	ATABLE S		Control Cold and		W	No. of the St.		SULPHUR		0	36
	176	April April 1	0.00		The second	finel providir	g	A CONTRACTOR			7.0	78
EIGHT OF LOT_				Gold	Quotation 16	dor April, 193	9,		DEBIT		1.91	0
EIGHT OF	1	SACKS	97220	average ge	dd quotation	for April, 193	ed			The state of the state of	@ 1.	20
SS MOISTURE	7 A O		3306	door not	hange from	904.02m		6.56	A STATE OF THE PARTY OF THE PAR	%	/	
55 MOISTURE	204 70		7	LESS	TOTAL DEDU	CHORS				L DEDUCTIO		
DRY WEIG	нт		93914					19.71	PER	TON	\$ 925.5	2
1900					FR	EIGHT ADVA	ICED	@ 2.75	1	33.68		
1					AD	VANCES						
Date of Section					SA	MPLING	* 25					
Note to the second		2000			UM	IPIRE					1 4 °	
		THE ASSET				SAYING				3.00	136.68	3
			The state of the s						M. 1977 - 18 1/4		788.8	
Rates, except of						hald a la	es atomos	of cilror	e effide	4+	132.89	
Buyers assays g				ubmit assays		The Company of the Co		of silver	STITIOS A	10	655.9	
prior to acc	eptance (or payment		M APRIL	NE	T PROCEEDS					\$ 055°7°)

FORM S. L. 247 30M 12-38

AMERICAN SMELTING AND REFINING COMPANY GARFIELD PLANT SALT LAKE CITY, UTAH, May 10,1939

RECEIVED	5-3	=39	SAMPLED BY.		MP	CLASS C	rude	s	HIPPING POI	NT Pi	oche, N	ev.
QUOTATIONS		G	OLD 34.9	125	SILVER 64	125	LEAD	4.75 le:	ss 1.5625	COPPER		
ASSAYS		GOLD OZ. PER TON	SILVER	LEAD PER CENT	COPPER PER CENT	INSOL. PER CENT	ZINC PER CENT	SULPHUR PER CENT	ARSENIC PER CENT	IRON PER CENT	CaO	
s. & R. CO.	MP	•3	7.7	9.8	•1	47.8	1.8	•6		20.6	1.2	
U	nion	•315	7.8	10.0								
IPIRE												
TTLEMENT ASSAY		•3075	7.75	9.9	·1	47.8	1.8	.6		20.6	1.2	
CAR INITIAL	NUN	BER	WEIGHT		VAI	LUES PER	TON			EDUCTION	S PER TO	NC
UCR	2009	50		GOLD		@ 3:	1.81825	9.78	BASE			2.00
				SILVER. 9	5% Min.	•5 @	.64125	4.65	Under 2	5% lead		1.3
DEPOSITS OF THE PARTY OF THE PA				LEAD, LES	1.5,9	0% @	.6375	4.82	1/2			
					ESS			-			FEED N	
								19.25	LABOR ADJ	USTMENT 8	1-24-38	• 28
	2 3 9				West of the				INSOLUBLE		@	4.7
									ZINC	%	@	
									SULPHUR _	%	@	
· 人名 (中华)						n is final pro	viding					
EIGHT OF LOT_					3old quotatio	ation for Ma	v. 1939,		DEBIT			8.39
EIGHT OF		SACKS		aver	age gold quot	rom \$34.0125	as used					
T WEIGHT			63900	does	not change t	rom 402.			IRON	%	@	1.24
SS MOISTURE	3.0 %	6	1918	LESS T	OTAL DEDUC	TIONS		6.50 1	LAX. TOTA	L DEDUCTION	IS	7.1
DRY WEIGH			61982			0		12.75	9 4.21 PER	TON	395 .:	14
DRI WEIGI					FDE	EIGHT ADVAN	800	000 Min. (9 4.21	99.20		
						ANCES						46 5 19
						APLING						
						PIRE						
Marie Control	T get					AYING				3.00	102.2	20
	e com		Belleville (Sail)	ore black	ASS	71146				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	292.	74
ates, except o	n contra	cts, subject	to change wit	thout notice.	held	a/c reti	urn of s	ilver af	fidavit		48.0	04
uyers assays g	overn if	seller fails of payment	to make or su	ibmit assays							244.	

ORM S. L. 247 8M 9-39

AMERICAN SMELTING AND REFINING COMPANY MURRAY PLANT May 6-1

SALT LAKE CITY, UTAH, May 6,1940

BOUGHT OF	Alex 1	Lloyd					MINE	Mendha.		Lot	No. 8	
RECEIVED		5-4-40	SAMPLED BY_	UOS		_CLASS	erude	s	HIPPING PO	INT_Pioch	e, Nev.	
QUOTATIONS		G	OLD 34-912	5 5	SILVER -70	625	LEAD54	10 less	1.5625	COPPER		
ASSAYS		GOLD OZ. PER TON	SILVER OZ. PER TON	LEAD PER CENT	COPPER PER CENT	INSOL.	ZINC PER CENT	SULPHUR PER CENT	ARSENIC PER CENT	IRON PER CENT	CaO	Sb
A. S. & R. CO.		•27	10.4	10.7	-1	32.8	1.2	•3	•4	15.1	8.3	-1
U	nion	•275	10.5	10.8		32.0	.8	•3		15.6		
JMPIRE								1	•4	15.35	8.3	.1
SETTLEMENT ASSAY		2725	WEIGHT	10.75		LUES PER	TON	•3		DEDUCTION		1
CAR INITIAL		MBER	WEIGHT					0 /0			VS PER IC	1
UCR	2112	23		The state of the s		@ 31.	81825	8.67	BASE		,	2.00
				SILVER, 9	5%		70625	7.01	Und ei	25% lea	a	1.2
				The second secon	1.5.		7075	5.89				
				COPPER, L	ESS	@		21.57	LADOR AD	JUSTMENT		.44
			To Allenda					21.01		SE SE HI SALARE		3.24
										E%		2060
									THE RESERVE OF THE PARTY OF THE	%		100
						192	0 0 V 9 T c		SULPHUR	%	@	
				Gold	motation is f	inal providin	month					6.9
EIGHT OF LOT_				oge W	old quotation	for calendar	House		DEBIT	CaO %	a	42
EIGHT OF.			904/00	does	not change fi	101 Calcuster	as asom					92
ET WEIGHT			104680			A STATE OF THE STA		5.60	IRON	% AL DEDUCTIO		
ESS MOISTURE			1988	LESS T	OTAL DEDUC			Company of the last of the las			Water and The State of the Stat	5.60
DRY WEIGH	т		102692				\$	15.97	PER	TON	\$ 020.0	0
						EIGHT ADVA			10	129.80		
					AD	VANCES				77 40		
					SA	MPLING				31.40		
					UM	PIRE					-// -	
			I To a second		AS	SAYING				5.00	166.2	
				,			- /				653.80	
Rates, except or Buyers assays g	overn if	cts, subject seller fails	to change wit	hmit assays		he	ld a/c r	eturn of	AG affic	lavit	182.79	
prior to acce						T PROCEEDS		the state of			\$ 471.01	

FORM S. L. 247 60M 11-39

AMERICAN SMELTING AND REFINING COMPANY GARFIELD PLANT SALT LAKE CITY, UTAH, AUG. 14.1940

RECEIVED.	-14-4		SAMPLED BY		10S	CLASS			HIPPING POI		ne, nev.
QUOTATIONS		GOLD	SOLD 34.5	LEAD	SILVER	-70625	LEAD_	SULPHUR	1.5625 ARSENIC	COPPER	
ASSAYS		OZ. PER TO	OZ. PER TON	PER CENT	PER CENT	PER CENT	PER CENT	PER CENT	PER CENT	PER CENT	CaO
S. a R. CO.	OP .	.135	6.6	9.0	.2	53.6	1.1	•3		16.8	2.3
Un:	lon	.14	7.0	9.2							
										THE REAL PROPERTY.	
MPIRK		N 4949 (#	1 .			+3 /		-		16.0	0.2
TTLEMENT ASSAY		.1375	6.8	9.1	-	55.6	1.1	•3		16.8	2.3
CAR INITIAL UF	6233	THE RESERVE AND ADDRESS OF THE PARTY OF THE	WEIGHT	GOLD _		60	81825	4.38		DEDUCTIO	NS PER TON
X UP	6288	7		SILVER,			70625	4.45			
				LEAD, LE	1.5,9	6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	375	7.,0			
				COPPER,	LESS			13.19	LABOR AD		
			Section Section						1		
				7				2440000	three states of the state of th		0
									The second secon	76	SECTION AND DESCRIPTION OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS
EIGHT OF LOT.				Gold	I anotation is	final providin	g aver-		DEBIT		
EIGHT OF			* 1			for calendar					
ET WEIGHT		6	0980			rom \$34.9125			IRON	9/6	0
ESS MOISTURE	2.0 %		1550	LESS	TOTAL DEDU	CTIONS		6.50		AL DEDUCTIO	ONS
DRY WEIGH		5	9760			@_		6.69	PER	TON	199.90
					FR	EIGHT ADVA	NCED -	in. @ 1.9	73 7	2°50	
					AD	VANCES					
						MPLING				8.29	
表现实现					UM	IPIRE					
					AS	SAYING				3.50	100.99

AMERICAN SMELTING AND REFINING COMPANY GARFIELD PLANT Septem

September 5,1940 SALT LAKE CITY, UTAH,___

RECEIVED			SAMPLED BY.	UOS gold quot		_CLASS(Crude	s	HIPPING POI	NT_Pioche	e, Nevad	a
QUOTATIONS		Go	OLD 34.5	125	SILVER .7	0625	LEAD 4	.90 less	3.5625	COPPER		
ASSAYS		GOLD OZ. PER TON	SILVER OZ. PER TON	LEAD PER CENT	COPPER PER CENT	INSOL. PER CENT	ZINC PER CENT	SULPHUR PER CENT	ARSENIC PER CENT	IRON PER CENT	CaO	Sh
s. a R. CO. M	9	.12	3.4	6.0	13	52.4	1.6	.6	.1	19.1	1.8	-
Un	ion	.13	3.5	6.0		52.0	.8	.1		20.0		
APIRE												
TTLEMENT ASSAY		.125	3.45	6.0	•3	52.2	1.2	•35	.1	19.55	1.8	
CAR INITIAL	NUM	BER	WEIGHT		VAL	LUES PER	TON			EDUCTION	S PER TO	N
UP	63542			SILVER, 9	s%Min .5	<u>@ .26'</u>	525	3.98 2.08 .80	BASE			
				COPPER, L	ESS	 @		6.86	LABOR ADJ			
			,						ZINC	% 	0	
EIGHT OF LOT									DEBIT			
EIGHT OF		SACKS										
ET WEIGHT			62600		T. W. Carlotte					%		
SS MOISTURE			626 61974	LESS T	OTAL DEDUC	TIONS @@_		3.25 3.61		L DEDUCTION		86
DRI WEIG						EIGHT ADVAN	District of the School of the	M Min @		79.20		
						VANCES						
					SAN	APLING				18.78		
						PIRE				F 00	200	00
The second second					ASS	SAYING				5.00	102.	98

AMERICAN SMELTING AND REFINING COMPANY

SALT LAKE CITY, UTAH,____

Sept.10,1940

RECEIVED	9-9-4	0 9	SAMPLED BY.	UOS		CLASS	crud	e s	HIPPING PO	I TAIC	Pioche, Nev
QUOTATIONS		Go	JA . 9	125	SILVER •7	0625	LEAD 4	90 less	3.5625	COPPER	
ASSAYS		GOLD OZ. PER TON	SILVER OZ. PER TON	LEAD PER CENT	COPPER PER CENT	INSOL. PER CENT	ZINC PER CENT	SULPHUR PER CENT	ARSENIC PER CENT	IRON PER CENT	CaO
A. S. & R. CO.		.2	9.7	8.7	.1	38.7	2.3	.2		13.7	7.0
U	nion	.21	10.2	8.8		38.3	1.7			14.3	
	4									2005	
JMPIRE SETTLEMENT ASSAY		•205	9.95	8.75	.1	38.5	2.0	•1		14.0	7.0
CAR INITIAL	NUM	THE RESERVE THE PERSON	WEIGHT	1		LUES PER				DEDUCTION	NS PER TON
UP	6292	20		SILVER, S	5% Min.	@31. .5 @ 	70625	6.52 6.67 1.17	BASE	JUSTMENT	
									ZINC	E% %	@
WEIGHT OF LOT_				Gold and	tation is final	providing av	ith		DEBIT		
WEIGHT OF		SACKS	123460	does not	change from	\$34.9125 as us	sed		IRON	%	0
WET WEIGHT	4.2 %		5186		TOTAL DEDU			3.25		AL DEDUCTIO	
DRY WEIG	нт		118274		FR	@_ REIGHT ADVA	\$\$	11.11 @ 1.98		тон •23	\$ 657.01
					AD	OVANCES			70	04	
						MPLING			51	•04	
		THE RESERVED				MPIRE			5	.00	164.27

ORM S. L. 247 8M 9-39

AMERICAN SMELTING AND REFINING COMPANY MURRAY PLANT SALT LAKE CITY, UTAH, Oct

SALT LAKE CITY, UTAH. Oct. 7,1940

BOUGHT OF A	lex Lle	oyd					MINE	Mendha		Lot	No. 12	
RECEIVED			SAMPLED BY_	UOS		CLASS CT	ıde	S				
QUOTATIONS		Go	34.912	5	SILVER® 706	25	LEAD 5	.00 less	1.5625	COPPER		
ASSAYS		GOLD Z. PER TON	SILVER OZ. PER TON	LEAD PER CENT	COPPER PER CENT	INSOL.	ZINC PER CENT	SULPHUR PER CENT	ARSENIC PER CENT	IRON PER CENT	CaO	Sb
s. & R. CO.	0.	• 23	12.7	9.2	•1	38.7	2.3	.2	•3	17.2	5.2	•3
Unic	on	.245	12.95	9.4		38.2	1.6	.2		18.0	Ow	
PIRE		.2375	12.825	9.3	.1	38.45	1.95	.2	•3	17.6	5.2	•3
CAR INITIAL	NUMBE		WEIGHT		THE RESERVE THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED	LUES PER				DEDUCTION	S PER TO	N
UP X *	62116	5		CH VED 6	95%	@ ·	70625	7.56 8.60	BASE			
					ss1.5,90%		6875	4.83				
			10-11-	COPPER,	LESS		troug (All	20.99	LABOR AD	JUSTMENT	A COLUMN	
									INSOLUBL	E%	@	
		19/0							ZINC		@	
							0.7a		SULPHUR		@	
				Gold gue	station is final	providing w	1th					I do
EIGHT OF LOT									DEBIT			
IGHT OF	s	ACKS	. 67.000	does not	quotation for	p34.0120				%	0	
T WEIGHT	0		127 200 3816		TOTAL DEDUC	CTIONS		6.50		AL DEDUCTIO		
SS MOISTURE 3	0 %		123384	LESS	TOTAL DEDUC	STATE STATE OF		14.49		TON		2
DRY WEIGHT			12))01				\$\$	@ 2.		7.73		3
				THE		VANCES			2.7			- 197-6
	TO BOTH		《中国生活》			MPLING			3	8.16		
		1867×				IPIRE				•		
					SI .	SAYING				5.00	200.8	
The property of				CONTRACTOR OF THE PARTY OF THE							693.0	
Rates, except on Ruyers assays go	contracts	s, subject	to change wit	thout notice	e. he:	ld a/c re	eturn of	silver a	ffidavit		269.5	
prior to accer	otance of	payment.	MEN	A OCT		T PROCEEDS					\$ 423.4	4

AMERICAN SMELTING AND REFINING COMPANY MURRAY PLANT SALT LAKE CITY, UTAH, Oct. 29, 1940

BOUGHT OF A	lex L	loyd					_ MINE	Mendha	^	Lc	OT No. 13	
RECEIVED1	10-28-	40	_SAMPLED BY	y_UOS		CLASS	er	rud e s	SHIPPING P	OINTP	ioche, N	ev•
QUOTATIONS			GOLD 34.91	125	SILVER 7062	5	LEX85	0 less 1.	.5625	_ COPPER		
ASSAYS		GOLD OZ. PER TON	SILVER	LEAD	COPPER PER CENT	INSOL.	ZINC PER CENT	SULPHUR PER CENT	ARSENIC PER CENT	IRON PER CENT	Cao	
A. S. & R. CO.		•43	8.7	12.2	-15	22.0	5.4	-4		17.8	7.7	
U	Union	•44	9.1	12.6		22,2	5.2	-1		18.1		
UMPIRE			2 1019215			NE SERVICE						
SETTLEMENT ASSAY		•435	8.9	12.4	•15	22.1	5.3	.25		17.95	7.7	
CAR INITIAL	NUMB	BER	WEIGHT			LUES PER			1200 4 504	C 120 C 100 C 100 C 100 C	ONS PER T	TON
UCR	20678	8		GOLD		@ 31.	81825 _	13.84	BASE			2.00
				SILVER.	95%Min5	@ •	70625	5.93	Under	30% lea	ıd	1.91
de Grande de					LESS 1.5,90			7.73				性 新建铁矿
	4			A STATE OF THE PARTY OF THE PAR	LESS							
					LLOU	1000		27.50	LABOR AT	DJUSTMENT		.72
A STATE OF			14, 50 24							LE9	ASSESSMENT OF THE PARTY OF THE	2.21
										9		
							STATE OF THE STATE	A year of the second		9		
THE REAL PROPERTY IN		AT IT I		Cold	quotation is fit	inal providing	aver-		SULFIGI		0	
WEIGHT OF LOT	THE STATE OF			Cold	cold quotation	for calendar	month		DEBIT			6.84
WEIGHT OF LOT		SACKS		loos	not change fro	om \$34.9125 a	s used		DEBIT	Ca0 % @	A	-39
WET WEIGHT			114360		AULGIN	The latest and the			IDON	- 9		1.08
LESS MOISTURE 2.	85 %		3260	LESS	TOTAL DEDUC	ICTIONS		5.37		AL DEDUCTION		5.37
DRY WEIGH		3	111100				\$	22.13 @ 3.03	THE RESERVE THE PERSON NAMED IN COLUMN	TON.		
	ASSES 187		ALL ALL HOLEY		FR	REIGHT ADVAI	nced murrage			.40	English of the second	
						AMPLING			A CONTRACTOR OF THE PARTY OF TH	•31	ALCO ACT ALL S	
ELECTION STATE OF THE STATE OF						MPIRE						
		And the last				SSAYING			5	•00	27	16.97
	SEGMEN	SERVICE SERVICE				SAYING				GT (1) (1)		12.35
Rates, except on Buyers assays gov prior to accep	overn if s	seller fails	s to make or su	submit assay	ys	he ET PROCEEDS	A STATE OF THE STATE OF	return of	AG affic	davit -	16	5.14



AMERICAN SMELTING AND REFINING COMPANY MURRAY PLANT SALT LAKE CITY, UTAH, NOV. 16, 1940

RECEIVED	1-13-	40	SAMPLED BY	UOS		CLASS	er	ude s	HIPPING P	cioche, Ne	V.	
QUOTATIONS		Go	34.9	125	SILVER 706	25	LEAS-	80 less 3	5625	COPPER		
ASSAYS		GOLD OZ. PER TON	SILVER OZ. PER TON	LEAD PER CENT	COPPER PER CENT	INSOL. PER CENT	ZINC PER CENT	SULPHUR PER CENT	ARSENIC PER CENT	IRON PER CENT	CaO	Sb
A. S. & R. CO.		.2	11.7	7.7	.1	41.0	2.3	-6	•	15.8	5.8	-1
Union		•21	12.	8.0		40.8	1.2	•3		16.5		
MPIRE											CAR N	
ETTLEMENT ASSAY		205	11.85	7.85	.1	40.9	1.75	•45		16.15	5.8	-
CAR INITIAL	NUM		WEIGHT	VALUES PER TON					DEDUCTIONS PER TON			
UCR	213		9 37	GOLD _		@ 31.8		6.52	BASE			
XUP	631	23		SILVER, 9	5%		70625	7.95				
				LEAD, LE	ESS 50% @ .4		4475	1.76		Annual Parks		
				COPPER,	LESS	@		16.23	LABOR AT	JUSTMENT		
								1000	INSOLUBL		@	
			The state of the s					ZINC				
									SULPHUR	%	@	-
EIGHT OF LOT			Gold quotation is final providing aver-					DEBIT _				
EIGHT OF	SACKS		age gold quotation for calendar mont			Lack College College						
WET WEIGHT 139000			- does not change from \$34.9125 as used				7.05	IRON			3.5	
ESS MOISTURE	10/5 %	,	6602	LESS 1	TOTAL DEDU	CTIONS		3.25	тот	AL DEDUCTIO		06
DRY WEIGHT 132398							\$	12,98		TON	\$ 859	-20
//	/	6	6. Iono 3	398#	FR	EIGHT ADVA	NCED	@ 2,42	1	68.19		
0	2					OVANCES				41.70		A CONTRACTOR
accommon programme						MPLING				410/0		
						IPIRE				5.00	214	89
ASSAYIN						SAYING	The state of the s			7.00	644	

MEMNOV.

AMERICAN SMELTING AND REFINING COMPANY MURRAY PLANT SALT LAKE CITY, UTAH, December 26, 1940

BOUGHT OF Alex Lloyd							MINE Me	ndha	Loт No. 15			
RECEIVED 1	2-24-40		SAMPLED BY.	UOS		CLASS	Crude	s	HIPPING PO	DINT Pioch	e, Neva	la
QUOTATIONS GOLD 34-9125 SILVER -70625							LEAD_5	.50 less 1	L. 5625 COPPER			
ASSAYS	3	GOLD OZ. PER TON	SILVER N OZ. PER TON	LEAD PER CENT	COPPER PER CENT	INSOL.	ZINC PER CENT	SULPHUR PER CENT	ARSENIC PER CENT	IRON PER CENT	Cao	1
S, & R. CO.	15/5	•36	12.6	13.0	.2	18.2	5.8	.4		15.8	9.0	
	Uni on	•345	12.7	13.4		18.6	5.0	-4		15.4.		
MPIRE												
TTLEMENT ASSAY	1	3525	12.65	13.2	.2	18.4	5.4	1.4	1 15.6 9.0			
CAR INITIAL	NUMB	ER	WEIGHT	302		LUES PER		17 00	DEDUCTIONS PER TON			
UP	62038			GOLD _		@31.81	1825	8.49	BASE	· 30% Lea	1	1.83
X "	62617			- SILVER, S	1.5.90	@ •70 0% @ •78	875	8.29	nuder	20% IEa	a	1.00
	- 5-6		1		LESS							
	STORES TO			COPPER,	LESS	<u> </u>		28.00	LABOR AD	JUSTMENT		.72
									INSOLUBLI	E%	@	1.84
	A STANSON			-					ZINC	%	@	
				-					SULPHUR	%	@	
	tell ever at			-	t-tion is final	providing av	AF•					6.39
EIGHT OF LOT				Gold quotation is final providing aver-					Ca0			.45
			6760	does not change from \$34.9125 as used					- Description of the second	%	a	.94
ET WEIGHT	5.7 %	1	6086	LESS TOTAL DEDUCTIONS				5.00	그리는 경우, 전에 살아보고 있는데 그들은 사람들이 없었다면 하면			5.00
			0674		@ \$ 23.00				PER TON \$ 1157.75			
DRY WEI	GHT			A 19 19 19 19 19 19 19 19 19 19 19 19 19	FR	REIGHT ADVA	Variable to the later	@ 3.03	161.74	Charles and the second	•	
	THE WAY					OVANCES					41	
			To be seen to		SA	MPLING		100	32.03			
	1 3 3 3 3				UN	MPIRE	A September			1555		
				3,27,370	AS	SAYING			5.00		198,	-
Rates, except	on contrac	ts, subject	to change wi	thout notice	a h	neld for	return o	of Ag affi	idavit		958. 216.	The state of the s

AMERICAN SMELTING AND REFINING COMPANY

MURRAY PLANT

SALT LAKE CITY, UTAH. Jan. 4.1941

_LOT NO.___16 Mendha BOUGHT OF Alex Lleyd MINE SHIPPING POINT Pioche, Nev. RECEIVED 1-3-41 SAMPLED BY MP ornide CLASS LEAD 5.50 less 1.5625 SILVER -70625 34-9125 COPPER GOLD QUOTATIONS LEAD COPPER SULPHUR IRON GOLD SILVER INSOL. ASSAYS OZ. PER TON OZ. PER TON PER CENT 20.6 32.8 .4 A. S. & R. CO. 10.3 21.6 .3 1.5 9.4 10.5 32.0 Union -305 UMPIRE 21.1 5.1 1.6 .35 .3025 .2 32.4 9.35 10.4 SETTLEMENT ASSAY DEDUCTIONS PER TON NUMBER WEIGHT VALUES PER TON CAR INITIAL SP 93311 2.00 @ 31.81825 9.63 BASE A HCR 21665 SILVER, 95% Min. 5 @ .70625 Under 30% lead 6.25 2.19 LEAD. LESS 1.5.90% @ .7875 6.31 COPPER. LESS_ 22.19 -72 LABOR ADJUSTMENT 3-24 INSOLUBLE _ % @ ZINC ___ % @ SULPHUR _____ % @ 8.15 WEIGHT OF LOT_ DEBIT Gold quotation is final providing avara Ca0 % @ -26 WEIGHT OF SACKS age gold quotation for calendar month 86020 1-27 WET WEIGHT_ IRON __ % @ does not change from \$34.9125 as used LESS TOTAL DEDUCTIONS 3484 6.62 LESS MOISTURE 4.05 % 6.50 Max. TOTAL DEDUCTIONS 82536 15.69 s 647 .49 DRY WEIGHT PER TON_ 2.48 106.66 FREIGHT ADVANCED ADVANCES 25.81 SAMPLING UMPIRE _ 5.00 137.47 ASSAYING __ Rates, except on contracts, subject to change without notice. held a/c return of AG affidavit -----130.82 Buyers assays govern if seller fails to make or submit assays prior to acceptance of payment. s379.20 NET PROCEEDS MEM UAN.

FORM S. L. 247 60M 11-40

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AMERICAN SMELTING AND REFINING COMPANY

BOUGHT OF Alex Lloyd Mine Mendha Lot No.	17
RECEIVED 2-11-41 SAMPLED BY UOS CLASS crude SHIPPING POINT Pioche, Ne	v.
QUOTATIONS GOLD 34.9125 SILVER .70625 LEAD 5.50 less 3.5625 COPPER	
ASSAYS GOLD SILVER LEAD COPPER INSOL. ZINC SULPHUR ARSENIC IRON OZ. PER TON OZ. PER TON PER CENT	CaO
)•3
Union .19 6.45 6.3 34.2 8 .2 14.0	
APIRE SOLD TO SOLD THE SOLD TH	
TTLEMENT ASSAY 185 6.425 6.15 1 34.4 9 2 13.75 1	0.3
CAR INITIAL NUMBER WEIGHT VALUES PER TON DEDUCTIONS I	PER TON
UCR 20277 @ 31.81825 5.89 _{BASE} X UP 63088 SILVER, 95% Min.5 @ .70625 4.18 LEAD, LESS 50% .3875 1.19	
COPPER, LESS @ 11.26 LABOR ADJUSTMENT	
INSOLUBLE % @_	
ZINC	
/EIGHT OF LOT. (tall providing aver DEBIT	
FIGHT OF SACKS gold quotation for calendar month	
TET WEIGHT 95900 does not change from \$34.9120 as uses IRON % @	THE RESERVE THE PARTY OF THE PA
93070	372.75
DRY WEIGHT @ \$ 0.01 PER TON \$	71-017
ADVANCES	
SAMPLING	
UMPIRE 5.00	128.71
ASSAYING 5.00	244.04
Rates, except on contracts, subject to change without notice. Buyers assays govern if seller fails to make or submit assays prior to acceptance of payment.	98.65

MEM FEB.

AMERICAN SMELTING AND REFINING COMPANY MURRAY PLANT SALT LAKE CITY, UTAH, 1991

BOUGHT OF Alex Love							Hondha		LOT NO. 18			
W 400 40						CLASS CINCO			SHIPPING POINT			
QUOTATIONS	G	OLD 34.93	185	SILVER 706	05	LEAD	.017 less	1.5625	COPPER			
ASSAYS	GOLD OZ. PER TON	SILVER	LEAD PER CENT	COPPER PER CENT	INSOL. PER CENT	ZINC PER CENT	SULPHUR PER CENT	ARSENIC PER CENT	IRON PER CENT	Ced		
. s. & R. CO.	.29	6.9	8.4		39.6	**	-		9.0	11.0		
				The same of								
Union	.3	7.3	8.6		39.0	•5	.2		9.2	21.4		
MPIRE ETTLEMENT ASSAY	•1295	7.3	0.5		39.3	.25	•3		9.1	11.2		
	MBER	WEIGHT	1	VAL	UES PER T			1		S PER TON		
UGB 2084)		GOLD @			1825 9.39 85 4.66		BASE				
				LESS								
							29.41	LABOR AD.		The second party of		
									£%			
			Gold quo	Stion is final								
			age gold o	notating to	providing							
EIGHT OF LOT	evene		Constant a	ntion is final notation for consection \$3	4.9125 as			DEBIT				
ET WEIGHT	LESS TOTAL DEDUCTIONS			IRON % @								
	Company of the last of the las	41.00		OTAL BLOCK	@_		12.91		TON	AND COUNTY STATES		
DRY WEIGHT				FRI	EIGHT ADVAN	FILE PROPERTY OF THE PARTY OF T	0 2.40	105.1				
				AD	VANCES							
				SAN	MPLING			2X+C	6			
					FAYING			5.0	K)	130.18		
Rates, except on contra Buyers assays govern i prior to acceptance	f seller fails e of payment	to make or su	thout notice ibmit assays	S	PROCEEDS		sturn of .	is aither	wis .	\$ 307.05		

PRINCE CO'S

Bedded rince shaft (Ore Outcropings 5000# deep - 100to 1509# Wide Limestone developed by Prince Vorkings.

Limestone

ith face 300ft thick by

100ft deep

Limestone

VIRGINIA LOUISE CO.

GROUNDS