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STATUS REPORT

FOR

964-2668

Laguna Resources, Ltd.

Austin, Nevada Project

Rudden
964-2668

BY

D. B. ROVIG, *P. Eng.*
738-8260

STATUS REPORT

of the

AUSTIN, NEVADA PROJECT

Prepared for:

LAGUNA RESOURCES, LTD.
Suite 527
470 Granville St.
Vancouver 1, British Columbia

Prepared by

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January 14, 1974

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ABSTRACT:

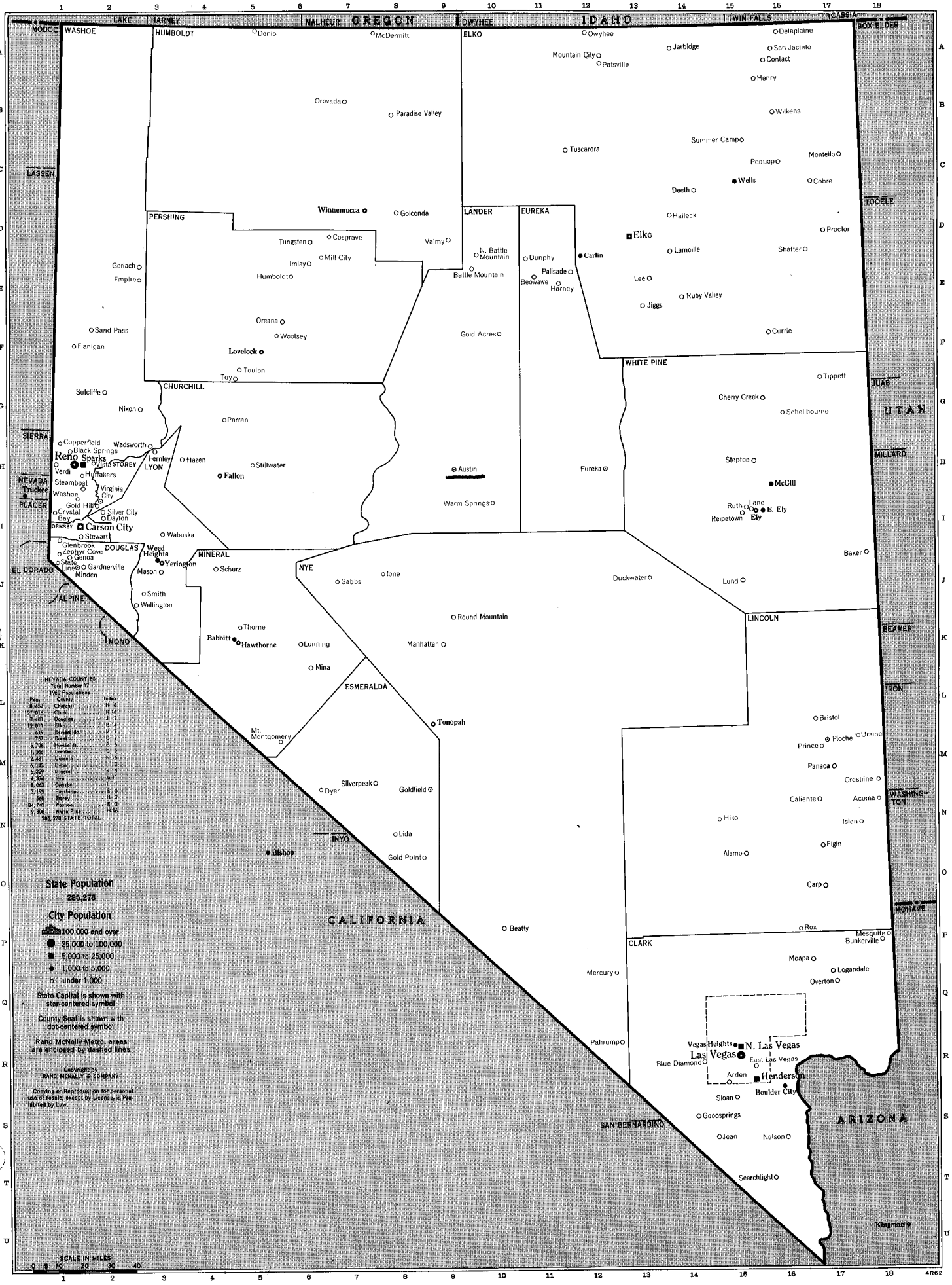
This report details the results of the Laguna Resources, Ltd. drilling project on their Austin, Nevada gold, silver, zinc property. Reserves and general economics and background information are included.

RAND McNALLY

STATE COUNTY-CITY MAP

NEVADA

SIZE 8½ x 11



MADE IN U.S.A.

Specially engraved and indexed for use with the Rand McNally Commercial Atlas and Marketing Guide.

This Map is also available with County Outlines only.

4725

SUMMARY

During the fall of 1973 Laguna Resources, Ltd. carried out a diamond drilling and percussion drilling program at their Austin, Nevada property. Six core holes and 40 percussion holes were completed and verified the possibility of a sulfide deposit at depth and established a surface deposit of 115,000,000 tons assaying .0058 oz/T gold, .545 oz/T silver, and .353% zinc. Drilling did not close off this deposit in any direction.

Geologic data indicates expansion of reserves is likely and preliminary economics are favorable to the development of a large tonnage mine. (say 40,000 tpd.) yielding a profit of about $1.00 per ton. A continuing exploration and development program is recommended.

BACKGROUND

Austin is located in the Reese River Mining District, Lander County, Nevada. Access is via U.S. Highway 50. The topography of the area is moderate with the claims lying between 6,300 and 7,500 ft. elevation.

Austin was discovered in 1862 and produced nearly all of its $20 million to $65 million worth of silver prior to the 1900's. During this time modern concentration methods were unheard of and "base" or sulfide ores could not be handled.

Laguna Resources, Ltd. has acquired 88 patented claims and staked on additional 72 unpatented claims thus controlling the entire area around Lander Hill and Union Hill which encompasses all of the major producing mines of the past. See the appendix to this report for a list of claims and a location map.

AUSTIN EXPLORATION PROGRAM:

During the months of June and July 1973 Laguna Resources, Ltd. acquired a lease on 88 patented claims comprising most of the area originally mined in Austin, Nevada. Preliminary investigation of the property which included researching government and private reports, surface reconaissance and communications with individuals familiar with the area lead to the conclusion that a potential for a large tonnage gold-silver operation existed. To pursue this possibility a diamond drilling and percussion drilling program was recommended and on August 2, 1973 drilling commenced and proceeded as described below.

Diamond Drilling

Contractor - Roger Smith Drilling, Vancouver, B.C.

Equipment - Boyles 35A

Core Size - NQ

Water Supply - Austin City Fire Hydrant

Six holes were drilled (see enclosed maps for locations) ranging from 276 ft. to 624 ft. deep. The total footage drilled was 2,578 ft. With the exception of the first 20 to 40 ft. in each hole where casing was needed the

core recovery was nearly 100%. Holes N1, N2, and N3 were all drilled at about 65° and designed to intersect the Panamint vein at a depth of ± 300 ft. Besides providing a look at the Panamint vein these holes also showed that available maps have plotted the faulting in this area very accurately. All three holes showed the Panamint on target and subsequent assays indicate a 30-40 ft. wide zone including and adjacent to the Panamint carrying a +2% zinc content as well as good gold and silver values.

The other three holes were drilled vertical with the objective of providing geological index for the percussion drilling program. The last hole was stopped at a relatively shallow 276 ft. when circulation was lost, probably because of the nearness of old workings.

All core was logged by Laguna's resident engineer, Colin F. Redden. The core was split for assay and all assays were run for gold, silver and zinc on 10 ft. intervals except where definite veins were encountered. In these cases the interval was the actual width of structure. Splits of the core are stored at the Laguna office in Austin.

Percussion Drilling

Contractor - Jim Long Drilling, Carlin, Nev.

Equipment - Chicago Pneumatic P-650

with Mission Megadrill downhole hammer

Bit Size - 5 1/4"

Sampling - Cyclone type sample collector.

Forty holes were drilled ranging from 35 ft. to 305 ft. Total footage drilled was 9,495 ft. All holes were planned to go 200-205 ft. or 300-305 ft. however in several cases intersection of old workings shortened the hole depths. Hole locations were intended to be on about a 400 ft. grid, however physical limitations made variances mandatory. Samples were taken on 5 ft. intervals. Splits of all samples are available in the Laguna office in Austin.

OTHER:

Concurrent with the drilling programs Laguna retained Chilton Engineering of Elko, Nevada to stake a series of unpatented claims to expand the company's area of control and to cover all fractions of unpatented ground contained within the area of the patented claims. These claims

are named the Trina 1-72 and their location is shown on the claim map in the appendix to this report. A 400 ft x 400 ft. control grid was also laid out over most of the area of initial interest.

Claim maps and topographic maps were available for the region and these were updated showing all new claims, drill hole locations and the 400 ft. grid. Copies are in the pocket of this report.

The company reopened several old roads on the property and built several new ones to provide access for the drill rigs, however a secondary benefit of this work was to expose surface geology for future study.

Laguna's total expenditure for this program was about $250,000.

GEOLOGY OF THE DISTRICT:

General

The area under discussion in this report is centered in a quartz monzonite stock which has been mapped showing an area of about 6 miles by 3 miles. (See Modified Geologic Map of Nevada in appendix). The medium to coarse grained quartz monzonite has been intersected by several lamprophyre and aplite dikes.

The vein system is one of which there are several, nearly parallel veins ranging in widths from a few inches to a few feet, striking in a N.W. - S.E. direction and dipping to the northeast at angles ranging from 20° to 65°, with the steeper dipping veins being more persistent to depth, although there are exceptions.

The district appears to have experienced rather extensive faulting with the amount of displacement varying from a few inches to nearly two hundred feet in some instances.

Paragenesis of the Ores

The fact that most of the underground workings are inacessible, and representative samples of the deeper workings are unavailable, the writer has been unable to make a first hand determination of the sequence

of mineral deposition. Hill, in his report, has described the sequence of mineralization as follows:

> "Pyrite and chalcopyrite, arsenopyrite, galena, sphalerite, wurtzite, and lastly tetrahedrite, which is rich in silver. The pyrite, chalcopyrite, and arsenopyrite are more or less intergrown and are surrounded by the lead and zinc minerals. Tetrahedrite is not surrounded by the other constituents, but forms about the other minerals and in cracks in them."

He has also made note that all these sulphides with the exception of pyrite, appear to be silver bearing. Whether this determination would hold true for the entire district is difficult to say as there is a lateral zonation of mineralization whereby the ores in the northwestern section tend to become more "base" in character. This characteristic coupled with the reports that many of the deeper mines shut down, not because of lack of mineralization, but because of the predominence of sulphide type ore at depth, lend support to the thought that a deeper seated sulphide ore body, possibly copper, might exist.

The mineralogy, as can be observed from core drilling results, examination of old mine dumps, and general field observations of the area, can be described as follows:

Pyrite: in both veins and quartz monzonite as narrow veinlets and disseminated specks.

Arsenopyrite: as specks, generally associated with pyrite.

Chalcopyrite: can be observed in core intersection of Panamint vein, on the dumps of mines which produced from the Panamint vein (Hillside and New York) and in massive form on the dump of Equity tunnel.

Tetrahedrite: occurs in drill intersections of Panamint vein, on Hillside and New York dumps, and on dump of Equity tunnel.

Sphalerite: occurs in drill core intersections of Panamint vein; on dumps of several producers of Panamint vein, and off dumps of other producers and is quite readily observed on the Equity dump.

Galena: as disseminated specks in vein intersections of Panamint. On several dumps in northwestern section of property, e.g. New York and Hillside, on dumps of Escobar group of claims.

Gold: mineral association unknown

Silver Ores: Silver occurs in the chloride form, "horn silver" throughout the camp in the upper section of the veins; as well as in argentiferous tetrahedrite, ruby silver (pyrargyrite and proustite), and argentite. Other ores of silver have been mentioned in previous reports on the district but have not been observed by the writer.

RESERVES

To arrive at a realistic reserves picture all drill holes were assayed for gold, silver, and zinc. A weighted average assay for each hole was then determined and used in subsequent reserve calculations. Actual depth of holes was used except for the diamond drill holes which were figured in to a maximum depth of about 300 ft.

One drill hole, P-41, was not used because it was drilled about 2000' away from the main grouping.

Three separate determinations of tonnage and grade were worked out. The first used a triangle method and considers only the volume contained within a perimeter determined by the outer most drill holes. Secondly E-W and N-S cross sections were drawn and tonnages were calculated to 200 feet beyond the horizontal limits. The figures arrived at from the two sets of cross sections were averaged to determine a final figure.

Thirdly a 50 ft. extension to depth was added using the cross sections. The results of this work follows:

	Au. OZ/T.	Ag. Cz/T.	Zn, %	Tons
Triangle Method, no projection	.0068	.588	.346	74,000,000
Cross-Sections to 200 ft. horizontal extension	.0058	.545	.353	95,000,000
Cross Sections to 200 ft. horizontal and 50 ft. vertical extensions	.0058	.545	.353	115,000,000

Backup calculations, cross sections, etc. for the above work is provided in the appendix to the report.

For calculations of this nature, the 200 ft. horizontal and 50 ft. vertical extensions must be considered conservative in light of information from diamond drill holes up to 300 ft. deeper than used in the calculations and one percussion hole some 2,000 ft. south of the area used. These holes, old workings, surface samples and surface inspection verify the probability of much more tonnage of similar grade.

Besides the numbers reported above, it is worth mentioning the existance of smaller zones of higher grade material. For instance in earlier calculations, after the completion of the first 18 percussion holes, the tonnage drilled was 24,000,000 tons with a grade of .0117 oz./T gold, .612 oz./T silver and .308% Zinc. The existance of ± 800,000 tons of old dumps averaging about 2.5 oz./T silver (see Dump Report

in appendix) should also be considered. Zones such as these might play a significant role in the start up of a new operation at Austin.

ECONOMICS

General

The economics on a deposit of this nature, with its low grade, but large tonnages, must necessarily be considered only on a large scale. For the purpose of this report an arbitrary 40,000 tpd operation will be used.

The many natural and logistic advantages of Austin should be recognized because of their minimizing effect on costs. These advantages include paved highway to property, power line, no brush or tree cover, near zero overburden, town and community facilities already established, freight service, telephone, favorable state tax laws, climate, etc.

Value of Ore

Gross values of the gold, silver, and zinc would be:

Gold, .0058 oz/T @ $115/Oz.	=	.67
Silver, .545 oz/T @ $3.25/Oz.	=	1.77
Zinc, .353% @ 32¢/lb.	=	2.26
Gross Value		$4.70/T

However, conservatively figuring gold and zinc recoveries at 70% and silver at 60% and then figuring the recovered zinc at 20¢/lb to allow for smelter costs would yield the following net value:

Gold, .0058 oz/T x 70% x $115/Oz.	=	$0.47
Silver, .545 oz/T x 60% x $3.25/Oz.	=	1.06
Zinc, .353% x 70% x 20¢/lb.	=	.99
Net Value	=	$2.52/T

Costs of Operation

Mining would be able to commence with very little site preparation because of the negligable amount of stripping. Also all haulage would be downhill. One contractor quoted 22¢ to 33¢ per ton for mining and haulage to the millsite.

Concentrators of this general magnitude are commonly treating ores for $1.00 per ton or less. Therefore the following general costs would give an idea of the potential of the Austin property.

Mining		$0.30
Concentration		1.00
Freight		0.05
G & A, reclamation and environmental costs		0.15
Total Cost	=	$1.50/T

Potential Profit and Payout

From the above figures it comes that a net profit of $1.02 per ton might be expected. At 40,000 tpd for 360 days per year this would be $14,688,000 per year.

Assuming an expenditure of $72,000,000 for a 40,000 tpd concentrator or $75,000,000 for the entire mining-milling facility the initial investment could be returned in about 5 years.

More information as recommended later in this report must be acquired before a detailed economic study of this property can be made, but the above general information does indicate that with expanded reserves the liklihood of this property becoming a profitable mine is very good. Prices for the three metals involved here have been rising recently and if contracts for their sale could be established at prices higher than used in this report, the change could be very significant.

CONCLUSIONS:

(1) The Austin property lies near the center of a large granitic (quartz monzonite) stock. Drilling of an area about 3500 feet by 2000 feet did not establish any vertical or horizontal limits on the mineralization. The presence of productive old workings in every direction from the area drilled leads to the logical conclusion that the area of mineralization is likely several times larger than the area drilled.

(2) Preliminary economics of the area drilled indicate that a large tonnage (40,000 tons per day) open pit operation would be commercial at today's metal prices. Very favorable logistics and low cost mine preparation are beneficial considerations to this type of operation.

(3) Geology of the area indicates the presence of a certain amount of zonation. The presence of lead, zinc, and copper sulfides at depth and in the northwest workings near surface suggest the presence of sulfide ore bodies at depth.

RECOMMENDATIONS:

The positive results on work to date suggest that a continuing program is in order. The following recommendations are therefore extended as logical and necessary sources of future information. They are general recommendations for programs whose magnitudes will be determined by the budgets available for such work.

1. Continue the percussion drilling program to establish or expand the horizontal and vertical limits of the open pit ore body.

2. Start a deep hole diamond drilling program to look at the possibilities of sulfide ore bodies at depth.

3. Start a detailed geologic study of Austin with emphasis on the genesis of the mineralization. The prime objective of this study would be to help select the targets for deep drilling.

4. Arrange for preliminary metallurgical testing of the ore zone.

5. Reopen selected old shafts and tunnels to provide access for geologic studies. Initial work would likely be directed towards the Equity and Manhattan tunnels.

APPENDIX A

List of Claims

LIST OF CLAIMS

GROUP I. (KILBORN GROUP)

Survey No.	Claim Name
4683	Journal
3713	Janey, C. W.
	Janey, C. W. fraction
	Ballard
	Gold King
3313	Sunset (636/1000)
	Hilltop
	Illinois
	Moss
	New York (982/1000)
	Moss, fraction
	Hillside
	Mormon Turn
4683	Granulite
	Dolerite

GROUP II.

Survey or Lot No.	Claim Name
54	Apollo
53	Bell Wilder (Audobon)
57	Blue
55	Black
96	G. J. Love
3689	Eclipse 1st West Ext.
79	First West Ext.
	Gov. Seymour
71	Greer
56	Joe Lane
109	Lander
81	Manhattan
105	Rourke
69	Rubicon

Survey or Lot No.	Claim Name
70	Samanthe
68	Siratoga
90	Troy
103	Wark
82	Wall and Isabella
53	Washington Second West Ext.
3313	Wunset (364/1000 part)
99	Allsop
38	Buel North Star
72	Blue
39	Diana
95	Dollarhide and Defiance
62	Great Eastern
4035	George Hogan
4033	Home
40	Leon Consolidated
3715	Littrell Fraction
3715	Miles
97	Morris
87	Morgan and Muncey
42	North Star
67	Oregon
98	Savage
65	Savanna
47	Southern Light
37	South American
3715	Spokane
3313	New York (18/1000)
3715	Brannan
41	Foster
3718A	Highwater
3715	Humes Fraction
3721	1905
3721	Bonanza
3721	Emergency No. 2
128	Emigrant
107	First East Ext. White No. 2
102	Gleason
118	Grand Prize
80	Great Republic
132	Ophir
86	Penobscot
124	Snow Flake
91	Taft and Ashley
3721	Union

Survey or Lot No.	Claim Name
3715	Union Fraction
106	Warren
108	White
59	Carmargo
78	Camillus
60	Congress Independent
58	Eclipse
3700	Hardy
4638	Mizpah
51	San Jose
100	S. C. Baker
121	S. C. Baker, 1st West Ext.
77	Sillman
50	Silver Chamber
119	Samson

GROUP III.

Unpatented Claims

Trina 1 - 72

APPENDIX B

References

Published References

Emmons, S. F., 1870a, Geology of the Toiyable Range, U.S. Geol. Exploration of the 40th Parallel, Vol. 3, pp. 320-248.

Emmons, S. F., 1870b, Mining and Milling at Reese River; U. S. Geol. Exploration 40th Parallel, Vol. 3, pp. 349-408.

Hill, J.M., 1915, Some Mining Districts of Northeastern California and Northwestern Nevada; U. S. Geol. Survey Bulletin 594, pp. 95-114, pl. 13.

Ross, C. P., 1953, The Geology and Ore Deposits of the Reese River District, Lander County, Nevada; U. S. Geological Survey Bulletin 997.

Vandenburg, W. C., 1939, Reconnaissance of Mining Districts in Lander County, Nevada; U. S. Bureau of Mines Information Circular 7043, pp. 68-79.

Unpublished References

DeLongchamps, R. J., August, 1935, Preliminary Report Kilborn Properties, Reese River Mining District, Austin, Lander County, Nevada.

Hague, J. D., August, 1898, Report on the Properties of the Austin Mining Company.

Maier, J. F., Date unknown, Geological Report to the Nevada Equity Co., Reese River Mining District, Austin, Nevada.

Raring, Robert, 1947, Report #3.

APPENDIX C

Writer's Certificate

CERTIFICATE

I, DAVID B. ROVIG, OF ELKO, NEVADA, HEREBY CERTIFY THAT:

(1) I am a self-employed consulting mining engineer residing at Box 1906, Elko, Nevada 89801

(2) I am a graduate of Montana College of Mineral Science and Technology (B. S. 1964), am a member of the Association of Professional Engineers of B. C. (6717), am a registered Professional Engineer in the state of Montana (3070E), and have practiced by profession for nine years.

(3) I am the author of this report which is based upon my personal evaluation of data gathered during the course of the Laguna Resources, Ltd. drilling program which started in July 1973. Information from various governmental and private reports was also considered in writing this report.

(4) I have no beneficial interest in Laguna Resources, Ltd. or in the properties held by them, nor do I expect to receive beneficial interest.

January 14, 1974

David B. Rovig, P. Eng.
Mining Engineer

APPENDIX D

Diamond Drill Hole Logs

ASSAY – GEOLOGY COMPOSITE DRILL LOG

PROJECT Laguna - Austin, Nev.

Sheet 1 of 3

COORD: 8917.65 N. 10085.83 E.	BEARING S. 42° W.	HOLE NO. N-1
START 8/2/73 COMPL. 8/10/73	INCL. -65°	COLLAR EL. 6781.0
		DEPTH 411

DESCRIPTION DEPTH		Au, oz	Ag, oz	%Pb	%Zn	%Cu
0-30' Casing through overburden	0-30	No	Sample			
30'-80' Quartz monzonite, weathered, with minor iron staining along fractures. 4" Qtz. vein at 73.5', containing pyrite and chalcopyrite.	30-40	0	.114		.20	
	40-50	.026	.802		.88	
	50-60	tr.	.217		.20	
	60-70	tr.	.325		.98	
	70-80	0	.069		.20	
80'-150' Quartz-monzonite, has fresh, unaltered, appearance to 109.5'. Highly altered from 109.5' to 113'. Brecciated textured Qtz. vein from 121-123.5' with pyrite & arseno-pyrite. Rock is kaolinized from 121' to 124', then becomes more chloritized to 127'. Becomes fresh & unaltered through remainder of section. Narrow Qtz. vein at 142' with pyrite & arseno-pyrite.	80-90	0	.313		.29	
	90-100	0	.202		.20	
	100-110	tr.	.624		.29	
	110-120	0	.386		2.05	
	120-130	0	.222		.29	
	130-140	0	.327		.29	
	140-150	0	.444		.29	
150-200 Quartz-monzonite. - unaltered, 4" Qtz. vein at 162' with small amount of pyrite	150-160	.011	.384		.20	
	160-170	0	.367		.29	
	170-180	.008	.182		.29	
	180-190	.013	.222		.39	
	190-200	tr.	.202		.50	

Logged by [signature] Date 8/10/73

ASSAY – GEOLOGY COMPOSITE DRILL LOG

PROJECT Laguna-Austin, Nev. Sheet 2 of 3

COORD: 8917.65 N. 10085.83 E.	BEARING S.42° W	HOLE NO. N-
START 8/2/73 COMPL. 8/10/73	INCL. -65°	COLLAR EL. 6781.0
		DEPTH 411

DESCRIPTION DEPTH		Au, oz	Ag, oz	%Pb	%Zn	%Cu
200 - 250' Quartz Monzonite, fresh, unaltered to 212'. From 212' to 218' is partially altered with specks of pyrite diss. Throughout. Remainder of section is relatively fresh.	200-210	.007	.624		.04	
	210-220	.014	.322		.49	
	220-230	Tr.	.063		.39	
	230-240	0	.623		.20	
	240-250	0	.324		.49	
250-300' Quartz-Monzonite, partially altered to 257', with minor specks of pyrite. Remainder of section is unaltered with no visible mineralization.	250-260	.011	.015		.20	
	260-270	tr.	.823		.29	
	270-280	.006	0		.29	
	280-290	0	.569		.88	
	290-300	tr.	.202		.39	
	300-302	0	.569		.99	
300-340' Quartz Monzonite and Panamint vein structure. Rock is bleached & kaolinized to 304'. 2' vein at 304' with pyrite, arsenopyrite, minor sphalerite and probably argentiferous. Rock continues to remain kaolinized to 316'. Narrow Qtz vein at 312' with pyrite. Becomes more mafic at 316' to 330'. 2.5' Qtz vein at 330'. Appears to be argentiferous and contains pyrite, arsenopyrite, chalcopyrite & sphalerite. Rock is kaolinized to 340', then begins to attain a fresher appearance.	302-304	tr.	0		3.33	
	304-306	.031	1.488		2.74	
	306-308	0	1.403		1.72	
	308-310	.086	.320		1.37	
	310-312	.067	1.036		1.15	
	312-314	0	1.645		.57	
	314-316	.035	1.598		.96	
	316-319	0	.646		3.82	
	319-323	.032	1.183		2.70	
	323-327	.042	.742		1.18	
	327-330	Tr.	.122		2.25	
	330-332.5	Tr.	2.112		2.00	
	332.5-335	Tr.	.646		2.25	
	335-340	.014	.203		1.67	

Logged by [illegible] Date 8/10/73

ASSAY – GEOLOGY COMPOSITE DRILL LOG

PROJECT Laguna - Austin, Nev. Sheet 3 of 3

COORD: 8917.65 N. 10085.83 E.	BEARING 5.42° W.	HOLE NO. N-1
START 8/2/73 COMPL. 8/10/73	INCL. -65°	COLLAR EL. 6781.0
		DEPTH 411

DESCRIPTION DEPTH		Au, oz	Ag, oz	%Pb	%Zn	%Cu
340 - 411 Quartz - Monzonite - Rock attains a fresh unaltered appearance throughout remainder of section. Minor fracturing, showing No particular structural trends, & is ~~void~~ void of mineralization, except for specks of pyrite.	340-350	.008	.342		.98	
	350-360	Tr.	.202		.39	
	360-370	0	.067		.29	
	370-380	.004	.053		.10	
	380-390	Tr.	.113		.88	
	390-400	Tr.	.0		.39	
	400-411	Tr	0		.88	

Logged by [signature] Date 8/10/73

ASSAY – GEOLOGY COMPOSITE DRILL LOG

PROJECT Laguna - Austin, Nev.

Sheet 1 of 4

COORD: 8874.33 N. 10410.88 E.	BEARING S. 45° W.	HOLE NO. N-2
START 8/11/73 COMPL. 8/16/73	INCL. -64°	COLLAR EL. 6792.8'
		DEPTH 450'

DESCRIPTION DEPTH		Au, oz	Ag, oz	%Pb	%Zn	%Cu
Running Casing 0-42 Drilling through overburden, No recovery	0-42	No Sample				
42'-68' Quartz monzonite; highly fractured with much weathering, esp. along fracts. Narrow, 1" Qtz. stringer at 58.5' - No visible mineralization	42-50	TR.	.122		.39	
	50-60	TR.	.313		.59	
68'-98' Quartz Monzonite - Rock becomes fresher in appearance and less Mafic. Minor weathering along fracts. Minor amount of pyrite diss. Throughout section.	60-70	.010	.417		.49	
	70-80	0	.669		.68	
	80-90	0	.369		.88	
	90-100	TR.	.213		.69	
	100-110	.015	1.768		.99	
	110-120	0	0		1.67	
98'-117' Quartz Monzonite - fresh in appearance. Narrow stringer of tourmaline at 107.5' with gouge material on contact.	120-130	.016	.489		.49	
	130-140	TR.	.083		.29	
	140-150	TR.	3.14		.39	
	150-152.5	.013	.923		.59	
117'-158' Quartz Monzonite - Partially altered Throughout section (sericitized). Also appears to be some Chloritization as well	152.5-160	0	.489		5.19	
	160-162	TR.	.202		.29	
	162-170	0	.989		.98	

Logged by S.R. Date 8/16/73

ASSAY – GEOLOGY COMPOSITE DRILL LOG

PROJECT Laguna - Austin, Nev. Sheet 2 of 4

COORD: 8874.33 N. 10410.88 E.	BEARING 5.45° W.	HOLE NO. N-2
START 8/11/73 COMPL. 8/16/73	INCL. -64°	COLLAR EL. 6792.8'
		DEPTH 450'

DESCRIPTION DEPTH		Au, oz	Ag, oz	%Pb	%Zn	%Cu
158' - 184' Quartz Monzonite. Highly altered To 169' Sericitized + Kaolinized Narrow stringers of Rhodochrosite + quartz at 158.5' Becomes less altered at 169' Specks of pyrite at 181' in narrow aplite stringers	170-180	TR.	.122		1.08	
	180-190	0	1.043		.88	
	190-196	.014	0		1.27	
	196-200	0	.387		.49	
184' - 204.5' Quartz - Monzonite. Highly altered from 184' - 188' (Possibly Belle Wilder Fault) no visible Mineralization Becomes fresher at 188' To 204.5'.	200-210	TR.	.523		.29	
	210-220	.035	.334		.29	
	220-230	.025	.343			
	230-240	.059	.706		.49	
204.5' - 236' Quartz Monzonite - Relatively fresh in appearance, minor alteration along fracts. 3" Qts. Veins at 216.5' and at 219' - Contain minor amounts of Pyrite	240-250	.073	.054		.29	
236' - 245' Quartz monzonite - minor alteration along fracts. Narrow stringer of pyrite with minor amount of galena	250-260	TR.	.624		.49	
	260-270	.043	0		.29	

Logged by [illegible] Date 8/16/73

ASSAY – GEOLOGY COMPOSITE DRILL LOG

PROJECT Laguna - Austin, Nev. Sheet 3 of 4

COORD: 8874.33 N.	BEARING S. 45° W.	HOLE NO. N-2
10410.88 E.	INCL. -64°	COLLAR EL. 6792.8'
START 8/11/73 COMPL. 8/16/73		DEPTH 450'

DESCRIPTION DEPTH		Au, oz	Ag, oz	%Pb	%Zn	%Cu
265'-297' Quartz-Monzonite Becomes intensely altered from 282'-289'. Some Pyrite from 265'-270' Rock becomes firm at 289'.	270-280	.022	.505		.59	
	280-282	.016	0		1.46	
	282-286	0	.648		3.33	
	286-289	.109	1.223		2.64	
	289-297	.014	.303		2.16	
297'-311' Quartz-Monzonite Partially kaolinized to 306' - then becomes more heavily altered Qtz. vein at 297.5' with pyrite & minor galena. Narrow stringers of galena to 306'	297-299	TR.	.045		1.86	
	299-302	TR	0		.76	
	302-306	.011	.743		6.57	
	306-309	TR.	.523		2.35	
	309-311	0	.412		2.25	
311'-320' Quartz-Monzonite - highly altered and crumbly, much broken qtz. material associated with altered rock	311-316	0	5.021		.95	
	316-318	.099	0		1.34	
	318-320	0	0		3.63	
	320-322	.011	0		1.62	
	322-324	.024	.924		1.47	
320'-336' Quartz-Monzonite Partially kaolinized to 328', then becomes more sericitized, & crumbly 2" Qtz. vein at 324.5' Contains pyrite & galena with possible tetrahedrite & sphalerite 1" Qtz vein at 335' with pyrite & chalcopyrite?	324-326	.016	.723		.94	
	326-328	0	0		.95	
	328-333	TR.	.703		.99	
	333-338	TR.	.555		.88	
	338-342	.067	.128		1.67	
	342-346	0	0		.86	
	346-350	TR.	0		.58	

Logged by C.K. Date 8/16/73

ASSAY – GEOLOGY COMPOSITE DRILL LOG

PROJECT Laguna - Austin, Nev.

Sheet 4 of 4

COORD: 8874.33 N. 10410.88 E.	BEARING 5.45° W.	HOLE NO. N-2
START 8/11/73 COMPL. 8/16/73	INCL. -64°	COLLAR EL. 6792.8'
		DEPTH 450'

DESCRIPTION	DEPTH		Au, oz	Ag, oz	%Pb	%Zn	%Cu
Quartz-Monzonite - Some what less altered Than above section, with fairly substantial amount of fracturing. Some pyrite disseminated through out section.	336'-347'	350-360	.004	0		.29	
		360-370	TR.	.266		.78	
		370-380	.008	.376		.88	
		380-390	.002	.501		.98	
		390-400	0	0		1.08	
Quartz-Monzonite Sandy & crumbly from 347 To 349.5' - Becomes fresh & relatively unaltered Throughout remainder of section. Narrow quartz stringer at 372.5' containing pyrite	347'-375'						
Quartz - monzonite - becomes highly altered at 403.5', - showing evidence of both kaolinization and sericitization.	375'-432'	400-410	TR	0		.49	
		410-420	.003	.034		.98	
		420-430	.005	.146		.69	
		430-440	.009	.222		.69	
Quartz - monzonite firm & relatively unaltered some minor specks of pyrite disseminated through section & stringers of tourmaline	432'-450'	440-450				.09	
END OF HOLE							

Logged by [signature] Date 8/16/73

ASSAY – GEOLOGY COMPOSITE DRILL LOG

PROJECT Laguna - Austin, Nev. Sheet 1 of 4

COORD: 8793.20 N. 10611.85 E.	BEARING S. 45° W.	HOLE NO. N-3
START 8/16/73 COMPL. 8/21/73	INCL. -65°	COLLAR EL. 6804.4
		DEPTH 390'

DESCRIPTION DEPTH		Au, oz	Ag, oz	%Pb	%Zn	%Cu
0-43' Running Casing through weathered Quartz-Monzonite - No Core	0-43	No Sample				
	43-50	0	.123		.29	
43'-70' Quartz-Monzonite, highly weathered, esp. along fracts. No visible mineralization	50-60	TR	.202		.49	
	60-70	TR.	.444		.49	
	70-80	.034	.789		.29	
	80-90	.045	.309		.29	
	90-100	.045	TR.		.39	
70'-113' Quartz-Monzonite, Becomes highly altered at 74'. From 76-77' is a brecciated textured vein structure with specks of pyrite. 6" Quartz Vein at 82.5' Containing Pyrite, possibly tetrahedrite? Section is crumbly altered throughout.	100-110	0	1.293		.19	
	110-120	TR.	.202			
	120-130	TR.	0		.20	
	130-140	.013	.846		.29	
	140-150	.012	.288		.39	
113'-143' Quartz-monzonite - becomes somewhat finer grained and more mafic. slight amount of chloritization along fracts. Some pyrite disseminated throughout section.	150-160	.026	.264		0	
	160-170	TR.	.423		.49	
	170-180	.011	0		.19	
	180-190	0	.389		.58	
	190-200	TR.	.424		.49	
143-163' Quartz-monzonite - broken & fractured with slight alteration,						

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ASSAY – GEOLOGY COMPOSITE DRILL LOG

PROJECT Laguna - Austin, Nev. Sheet 2 of 4

COORD: 8793.20 N. 10611.85 E.	BEARING S. 45° W.	HOLE NO. N-3
START 8/16/73 COMPL. 8/21/73	INCL. -65°	COLLAR EL. 6804.4
		DEPTH 390'

DESCRIPTION DEPTH		Au, oz	Ag, oz	%Pb	%Zn	%Cu
143'- 190' Quartz-Monzonite - Becomes less altered and firmer Than above No visible mineralization	200-210	TR.	1.202		.49	
	210-220	.004	.303		.30	
	220-230	TR.	.283		.30	
	230-240	0	0		.59	
190'-201' Quartz-Monzonite fractured & broken with partial alteration along fracts. No visible mineralization	240-250	.007	1.444		.88	
201'-224' Quartz-Monzonite Continues to be fractured & broken, relatively unaltered except along fracts. 4" Quartz vein at 209.5' with diss. pyrite 6" quartz stringer at 217.5' - Pyrite & possibly Ag. Mineralization						
224'-253' Quartz-Monzonite fresh & unaltered						
253'-262' Quartz-Monzonite altered - both kaolinized & chloritized narrow, siliceous band at 258.5' - pyrite						

Logged by [signature] Date 8/22/73

ASSAY – GEOLOGY COMPOSITE DRILL LOG

PROJECT Laguna – Austin, Nev. Sheet 3 of 4

COORD: 8793.20 N. 10611.85 E.	BEARING S. 45° W.	HOLE NO. N-3
START 8/16/73 COMPL. 8/21/73	INCL. -65°	COLLAR EL. 6804.4
		DEPTH 390'

DESCRIPTION DEPTH		Au, oz	Ag, oz	%Pb	%Zn	%Cu
262'-289' Quartz-monzonite - fresh, with very little alteration to 276'. at 276', becomes altered and crumbly for 2'- changes back to relatively unaltered form at 278'	250-260	TR.	.602		.39	
	260-270	.023	.723		.30	
	270-280	.021	.752		.39	
	280-289	0	.386		.30	
	289-291	0	.823		.89	
289'-291' Quartz-monzonite Highly altered & contains much pyrite	291-293	0	4.998		3.53	
	293-295	TR.	.567		1.43	
	295-300	TR.	.381		1.96	
291'-293' Altered, brecciated vein structure, much quartz-pyrite, narrow stringers of what appears to be argentiferrous mineralization & minor sphalerite						
293'-295' Quartz-monzonite highly altered.						
295'-319' Quartz-monzonite Relatively fresh & unaltered - pyrite in qtz. stringers at 301'						

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ASSAY – GEOLOGY COMPOSITE DRILL LOG

PROJECT Laguna - Austin, Nev. Sheet 4 of 4

COORD: 8793.20 N. 10611.85 E	BEARING 5.45° W.	HOLE NO. N-3
START 8/16/73 COMPL. 8/21/73	INCL. -65°	COLLAR EL. 6804.4
		DEPTH 390'

DESCRIPTION DEPTH		Au, oz	Ag, oz	%Pb	%Zn	%Cu
319'-321' 2' Vein structure Quartz, with possible argentiferrous stringers.	300-310	TR.	.523		3.53	
	310-319	TR.	.623		1.86	
321'-323.5' Quartz-Monzonite highly altered & bleached out - (Kaolinized).	319-321	.142	.889		1.91	
	321-324	TR.	.222		.39	
	324-330	TR.	.222		.29	
323.5'-331' Quartz-Monzonite - alteration continues but is less intense.						
331'-390' Quartz-Monzonite - Relatively unaltered - narrow siliceous stringer at 349' c specks of Tetrahedrite & Pyrite	330-340	0	.604		.20	
	340-350	TR.	.166		.29	
	350-360	.035	.367		.09	
	360-370	0	0		.20	
	370-380	TR.	.787		.58	
	380-390	0	.369		.20	
END OF HOLE						

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ASSAY – GEOLOGY COMPOSITE DRILL LOG

PROJECT Laguna - Austin, Nev.

Sheet 1 of 5

COORD: 8843.87 N.	BEARING	HOLE NO. N-4
10905.73 E.	INCL. -90°	COLLAR EL. 6868.8
START 8/21/73 COMPL. 8/30/73		DEPTH 624

DESCRIPTION DEPTH		Au, oz	Ag, oz	%Pb	%Zn	%Cu
0-20' Running casing - No core recovered.	0-20	No Sample				
	20-30	TR.	.589		.39	
20'-68' Quartz-monzonite, fractured and weathered with iron staining along fracts.	30-40	.013	.345		.29	
	40-50	.011	.367		.49	
	50-60	0	.301		.58	
	60-70	TR.	.644		.19	
68'-82' Quartz-monzonite, Rock becomes less weathered but is partially altered. 6" Quartz vein at 73' containing pyrite.	70-80	TR.	.222		.19	
	80-90	0	.347		.49	
	90-100	TR.	.567		.19	
82'-96' Quartz-monzonite fresher & firmer than above. Narrow quartz stringer at 90' with minor amounts of pyrite						
96'-116' Quartz-monzonite - continues to be fresh in appearance as above. Narrow fract. at 114' containing pyrite	100-110	TR.	.244		.58	
	110-120	TR.	.222		.39	
116'-126' Quartz-monzonite - fractured & broken and fairly heavily altered. (sericitized)						

Logged by [signature] Date 8/30/73

ASSAY – GEOLOGY COMPOSITE DRILL LOG

PROJECT Laguna-Austin, Nev. Sheet 2 of 5

COORD: 8843.87 N. 10905.73 E.	BEARING	HOLE NO. N-4
	INCL. -90°	COLLAR EL. 6868-8
START 8/21/73 COMPL. 8/30/73		DEPTH 624'

DESCRIPTION DEPTH		Au, oz	Ag, oz	%Pb	%Zn	%Cu
126'-153' Quartz-Monzonite, highly altered & fractured, mildly sericitized. Narrow, 4" vein at 136' containing pyrite. @ 50° to core axis.	120-130	Tr.	.703		0	
	130-140	tr.	.388		.19	
	140-150	.012	.803		.29	
	150-160	tr.	.623			
153'-183' Quartz-Monzonite becomes less altered and more siliceous in appearance.	160-170	tr.	.187		.49	
	170-180	.004	.041		.59	
	180-190	0	.288		.29	
	190-200	tr.	0		.39	
	200-210	0	.202		.49	
183'-212' Quartz-Monzonite fresh & unaltered slightly more mafic than above.						
212'-230' Quartz-Monzonite becomes fractured and somewhat sericitized. Fracts. are at 30° & 70° to axis of core.	210-220	0	.823		1.37	
	220-230	0	.101		.39	
	230-240	0	.402		.59	
	240-250	0	0		.68	
230'-250' Quartz-Monzonite, less altered in appearance than above. Narrow band of rhodochrosite at 239.5'						

Logged by _____ Date _____

ASSAY – GEOLOGY COMPOSITE DRILL LOG

PROJECT Laguna - Austin, Nev. Sheet 3 of 5

COORD: 8843.87 N. 10905.73 E.	BEARING	HOLE NO. N-4
START 8/21/73 COMPL. 8/25/73	INCL. -90°	COLLAR EL. 6868.8
		DEPTH 624

DESCRIPTION DEPTH		Au, oz	Ag, oz	%Pb	%Zn	%Cu
250'-268' Quartz-Monzonite fractured, broken and highly altered in sections. Narrow stringers of tourmaline with minor pyrite at 264.5'	250-260	0	.823		1.47	
	260-270	.006	.623		.49	
	270-280	.013	.164		.39	
	280-290	tr.	.222		.89	
	290-300	tr.	.222		.59	
268'-278' Quartz-monzonite - fresh or unaltered in appearance.						
278'-315' Quartz-monzonite,- Highly altered and fractured. Narrow stringer of tourmaline with pyrite at 288' @ 40° axis of core.	300-310	0	0		.39	
	310-320	0	.523		.20	
	320-330	0	1.843		.69	
	330-340	tr.	.543		.78	
	340-350	tr.	.602		.98	
315'-338' Quartz-monzonite - Partially altered and fractured - No evidence of mineralization.						
338'-374' Quartz-monzonite - partially altered, as above	350-360	0	tr.		.88	
	360-370	0	.222		.39	
	370-380	tr.	.567		.49	
	380-390	.006	.202		.78	
	390-400	0	.804		.49	

Logged by _____ Date _____

ASSAY – GEOLOGY COMPOSITE DRILL LOG

PROJECT _____ Sheet 4 of 5

COORD: 8843.87 N.	BEARING	HOLE NO. N-4
10905.73 E.	INCL. – 90°	COLLAR EL. 6868.8
START 8/21/73 COMPL. 8/30/73		DEPTH 624

DESCRIPTION DEPTH		Au, oz	Ag, oz	%Pb	%Zn	%Cu
374'-401' Quartz-Monzonite - fresh & unaltered - from 380-391 fine-grained mafic colored - (lamprophyre dyke)						
401'-420' Quartz-monzonite partially altered, minor amount of pyrite disseminated through section	400-410	0	.202		.88	
	410-420	0	.202		.49	
420'-440' Quartz-monzonite fairly well altered from 426'-428' - minor amount of pyrite.	420-430	.009	.888		.29	
	430-440	0	.162		.39	
440'-450' Quartz-monzonite fresh in appearance to 452' fairly well altered to 460' with pyrite diss. throughout - remainder of section is unaltered.	440-450	0	.823		.20	
	450-460	.015	0		.20	
450'-496' Quartz-monzonite altered to 482' - pyrite. 482'-484' - qtz. vein - pyrite, spec. of galena, sphalerite 484'-488' - partially altered qtz. mon. 488'-496' - altered qtz. mon. with brecciated quartz - pyrite.	460-470	.006	1.010		.29	
	470-480	0	.444		.29	
	480-482	.006	.388		.39	
	482-484	0	1.303		.39	
496'-512' Quartz-monzonite slightly altered, kaolinized.	484-488	TR.	.422		.49	
	488-492	0	1.222		.20	
	492-496	.021	1.614		.20	
	496-500	TR.	TR.		.20	

Logged by C.L. Date _____

ASSAY -- GEOLOGY COMPOSITE DRILL LOG

PROJECT Laguna - Austin, New. Sheet 5 of 5

COORD: 8843.87 N.	BEARING	HOLE NO. N-4
109 05.73 E	INCL. -90°	COLLAR EL. 6868.8
START 8/23/23 COMPL. 8/30/23		DEPTH 624

DESCRIPTION DEPTH		Au, oz	Ag, oz	%Pb	%Zn	%Cu
512'-530' Quartz Monzonite - fresh & relatively unaltered to 514'. From 514' to 518' is partially altered, with specks of pyrite. Vein structure from 518' relatively unmineralized, brecciated texture alteration to 530'.	500-504	TR.	TR.		.29	
	504-508	0	.020		.20	
	508-512	.008	.846		.29	
	512-514	0	tr.		.69	
	514-516	0	.323		.49	
	516-518	.004	.646		.59	
530'-549' Quartz-Monzonite partially altered (Chloritized).	518-524	tr.	1.113		.49	
	524-527	.031	.488		.49	
	527-530	TR.	.288		.39	
549'-583' Quartz-monzonite - altered, but more bleached than above. Probably partially kaolinized. Narrow, steeply dipping qtz. vein at 558'. Much pyrite disseminated through section. Some evidence of shearing at 557'.	530-540	TR.	.920		.20	
	540-550	.003	tr.		.39	
	550-560	.003	.380		.29	
	560-570	tr.	.041		.20	
	570-580	.002	.820		.09	
583'-624' Quartz-Monzonite - Quite fresh in appearance - minor fracturing and small amount of pyrite disseminated through section to 612'.	580-590	0	0		.20	
	590-600	0	.222		.29	
	600-610	TR.	.080		.09	
	610-620	tr.	0		.19	
	620-624	.005	0		.19	
END OF HOLE!						

Logged by C.C.K. Date

ASSAY – GEOLOGY COMPOSITE DRILL LOG

PROJECT Laguna - Austin, Nev. Sheet 1 of 3

COORD: 8968.52 N.	BEARING	HOLE NO. N-5
11026.56 E	INCL. -90°	COLLAR EL. 6917.7
START 9/15/73 COMPL. 9/20/73		DEPTH 427'

DESCRIPTION DEPTH		Au, oz	Ag, oz	%Pb	%Zn	%Cu
Casing through 0-42' Overburden	0-42	No	Sample			
Quartz-monzonite 42-65' Weathered, with Iron stain along fractures.	40-50	0	.444		1.27	
	50-60	tr.	.081		.49	
Quartz-monzonite 65'-80' bleached & partially Kaolinized through to 80'. Pyrite disseminated Throughout section.	60-70	tr.	.122		1.09	
	70-80	tr.	.201		1.08	
	80-90	tr.	.523		.69	
Quartz-monzonite 80'-109' is unaltered to 109'. minor amount of pyrite at 101'.	90-100	tr.	.366		.69	
	100-110	tr.	.167		.59	
	110-120	tr.	.244		.83	
	120-130	tr.	0		.58	
109'-138' Core is broken & crumbly throughout section and shows indication of Kaolinization from 128' to 136'. No visible mineralization.						
Quartz Monzonite, 138'-166' becomes firm to 157' Then becomes crumbly, Throughto 166'	130-140	tr.	.101		.93	
	140-150	tr.	0		.74	
	150-160	tr.	.422		1.32	
	160-170	tr.	1.303		.39	
166'-188' Core becomes firm to 180.5', Then is broken & crumbly to 188' Narrow, stringer of Pyrite at 166.5'.	170-180	tr.	.484		.49	
	180-190	.310	.563		.25	
	190-200	TR	0		.39	

Logged by [signature] Date

ASSAY – GEOLOGY COMPOSITE DRILL LOG

PROJECT_____ Sheet 2 of 3

COORD:	BEARING	HOLE NO. N-5'
	INCL.	COLLAR EL.
START COMPL.		DEPTH

DESCRIPTION DEPTH		Au, oz	Ag, oz	%Pb	%Zn	%Cu
188'-202' Quartz-Monzonite, broken & fractured, sericitized to some degree.	200-206	.003	.401			
	206-210	tR.	.042			
	210-220	tR.	.122		.34	
202'-206' Quartz-monzonite, altered, but quite siliceous. Minor amount of pyrite.	220-230	tR.	1.304		.25	
	230-240	.041	.887		.29	
	240-250	tR.	.202		.34	
206'-230' Rock is broken & fractured in this section and quite mafic.						
230-268 Rock continues to be quite mafic, with broken & crumbly sections.	250-260	tR.	.403		.44	
	260-270	.013	.644		.44	
	270-280	0	.723		.34	
	280-290	tR.	.904		.39	
268'-295' Quartz-monzonite - slightly lighter colored than above, however it is quite highly altered	290-300	.003	1.444		.39	
	300-310	.006	1.187		.29	
	310-320	tR.	.187		.68	
	320-330	.007	.623		.68	
	330-340	tR.	.602		.59	
295'-323' Quartz-monzonite - finer, & less altered than above sections - evidence of shearing at 308' No visible mineralization	340-350	tR.	.643		1.27	

Logged by_____ Date_____

ASSAY – GEOLOGY COMPOSITE DRILL LOG

PROJECT_____ Sheet 3 of 3

COORD:	BEARING	HOLE NO. N-5
	INCL.	COLLAR EL.
START COMPL.		DEPTH 427

DESCRIPTION DEPTH		Au, oz	Ag, oz	%Pb	%Zn	%Cu
323'-351' Quartz-monzonite -partially altered with some pyrite disseminated throughout section.						
351'-393' Quartz monzonite -rather heavily altered, Kaolinized, and crumbly Pyrite disseminated throughout section. Narrow qtz vein at 365' with pyrite + sphalerite?	350-355	TR.	.587		1.86	
	355-360	.004	.488		1.86	
	360-365	TR.	1.044		1.37	
	365-370	.003	.802		1.76	
	370-375	TR.	.602		.78	
393-427 Quartz monzonite - -highly altered and crumbly in sections. Rock is more sericitized and partially chloritized. Pyrite can be seen in certain sections to 401'	375-380	.005	.586		1.57	
	380-385	.007	1.002		1.18	
	385-390	.005	1.204		.98	
	390-395	TR.	1.306		1.08	
	395-400	.009	1.422		.78	
	400-405	TR.	1.044		1.86	
	405-410	.010	1.203		.69	
	410-415	.003	.988		.69	
	415-420	.006	.747		1.37	
	420-427	.013	.486		.88	

Logged by_____ Date_____

ASSAY – GEOLOGY COMPOSITE DRILL LOG

PROJECT Laguna - Austin, Nev.

Sheet 1 of 3

COORD: 8824.51 N. 12812.81 E.	BEARING	HOLE NO. N-6
START Sept 21-73 COMPL. Sept. 30-73	INCL. -90°	COLLAR EL. 7186.5
		DEPTH 276.5'

DESCRIPTION DEPTH		Au, oz	Ag, oz	%Pb	%Zn	%Cu
Casing To 30' 0-30' 10' core recovery	0-30	.011	1.203		.29	
Qtz. Monzonite, badly broken - highly weathered, especially along fracts.	30-40	.004	.486		.58	
	40-50	.007	.222		.39	
Qtz. Monzonite 30'-50' weathered in appearance 8" section of black, oxidized material at 47' - narrow fract. lined with secondary qtz and coated with iron oxide and possibly some manganese						
Qtz. Monzonite 50'-85' Continues to exhibit a weathered appearance. Narrow qtz. stringer at 84' containing pyrite.	50-60	TR.	.202		.28	
	60-70	0	.422		.49	
	70-80	.006	.388		.20	
	80-90	.007	.782		.49	
	90-100	.003	2.045		.20	
Qtz. Monzonite 85'-100 Becomes fresher and less weathered. Narrow stringers at 93' with minor amount of alteration. Specks of pyrite can be identified in the altered section, however identity of stringers is not apparent						
Qtz. Monzonite 100-140', relatively fresh thru to 127' becomes crumbly - broken and heavily altered (sericitized) pyrite can be detected from 127' to 140'.	100-110	.003	.402		.34	
	110-120	.013	.186		.39	
	120-130	.002	5.206		.44	
	130-135	.004	.823		.29	
	135-140	.003	.802		.59	

Logged by C. S. K. Date Sept 30-73

ASSAY – GEOLOGY COMPOSITE DRILL LOG

PROJECT Laguna - Austin, Nev

Sheet 2 of 3

COORD: 8824.51 N.	BEARING	HOLE NO. N-6
12812.81 E.	INCL. -90°	COLLAR EL. 7186.5'
START Sept 21-73 COMPL. Sept 30-73		DEPTH 276.5'

DESCRIPTION DEPTH		Au, oz	Ag, oz	%Pb	%Zn	%Cu
140'-160' Quartz Monzonite - Partially altered - narrow stringer of black, gouey material at 142'. 1" Qtz. vein at 70° to axis of core at 147'	140-145	.009	1.030		.59	
	145-150	TR.	.444		.69	
	150-155	TR.	.423		.49	
	155-160	.003	.402		.59	
	160-165	.005	.386		.73	
160'-190' Quartz Monzonite - less altered than above - some evidence of minor alteration along fracts. Narrow band of tourmaline at 177'-178' - fracts have grey colored coatings	165-170	.002	.187		1.47	
	170-175	0	.500		.49	
	175-180	TR.	.466		1.08	
	180-185	.006	1.042		1.27	
	185-190	.008	1.444		1.18	
	190-200	.003	.722		.20	
190'-210' Quartz Monzonite - Partially altered, with pyrite disseminated throughout section. Narrow Qtz. stringer at 205' @ 45° to axis of core. Contains minor amount of rhodochrosite?, + specks of grey sulfide?						
	200-210	.005	1.042		.54	
	210-220	.009	.222		.44	
	220-230	.004	1.000		.29	
	230-240	.005	1.187		.98	
210'-238' Qtz. Monzonite Relatively fresh + unaltered somewhat fractured with coatings of oxide material along fracts.	240-250	.011	1.369		5.05	

Logged by C.F.

Date Sept 30-73

ASSAY – GEOLOGY COMPOSITE DRILL LOG

PROJECT Laguna - Austin, Nev.

Sheet 3 of 3

COORD: 8824.51 N. 12812.81 E.	BEARING	HOLE NO. N-6
	INCL. -90°	COLLAR EL. 7186.5'
START Sept 21-73 COMPL. Sept 30-73		DEPTH 276.5'

DESCRIPTION	DEPTH		Au, oz	Ag, oz	%Pb	%Zn	%Cu
	238'-276.5'						
Quartz monzonite - Rock is relatively fresh in appearance, however fracturing is quite intense in sections, and chloritization occurs along fracts. Pyrite is disseminated thru core from 270-276.5		250-260	0	.802		.69	
		260-270	TR.	.444		.54	
		270-276	.002	3.027		.78	
END OF HOLE							
RODS SANDED WHEN CIRCULATION WAS LOST. 40' OF RODS AT BOTTOM OF HOLE.							

Logged by [illegible] Date Sept 30-73

APPENDIX E

Reserve Calculations and Cross-sections

		1 Au ASSAY-TONS	2 Ag ASSAY-TONS	3 Zn ASSAY-TONS
N-S CROSS SECTS.	102,457,826	576818	55523485	37224234
E-W CROSS SECTS.	88 001 507	532923	48274905	29977690
TOTAL	190 459 333	1109741	103798390	67201924
average	95,229,667	551988	51899195	33600962
Grade from Cross-Sections =		.0058	.545	.353

50' depth extension

NS	20784721
EW	18621661
TOTAL	39,406382
(2) Avg.	19703191

TOTAL TONNAGE (1+2) =

95,229,667
19 703 191
114932858 say
115,000,000 Tons

74,119,510	say	74,000,000	contained no projection
21,110,157		21,000,000	200' horiz. extention
19,703,191		20,000,000	50' vert. extention

TOTAL TONNAGE = 115,000,000 Tons.

EW X-SECTS

HOLE	TONNAGE	TONS × ASSAY Au	TONS × ASSAY Ag	TONS × ASSAY Zn
P 1	1418794	24403	1607495	370305
2	3275756	39964	1316854	1313578
3	3145269	29251	1258108	880675
4	1679775	43506	1095213	463618
5	1779050	35047	1759480	569296
6	2214800	21262	668870	888135
7	2062000	33198	2874428	927900
8	988167	18479	591912	643297
9	2351321	21397	1265011	442048
10	1476967	4431	974798	302778
11	1372050	17425	1002969	197575
12	1132867	19145	864378	555105
13	1087816	4242	360067	220827
14	1376067	8944	471991	408692
15	1801617	7747	565708	423380
17	1939850	7759	754602	209504
18	889396	6848	313067	495394
19	3279275	11805	1724899	744395
20	1051667	1262	620484	480619
21	1973700	3947	534873	876323
22	903317	181	453465	482371
23	1900767	7413	1976798	1372354
24	—	—	—	—
25	1951450	4488	608852	382484
26	1599917	12479	1713511	377580
27	2021767	809	733901	438723
28	2967433	10386	2329435	1424368
29	1968400	5315	836570	454700
30	2063250	1032	1101776	532319
31	1608525	2413	804263	369961
32	3487367	349	1768095	666087
33	2032500	1220	579263	487800
34	1981433	991	719260	481488
35	2417067	1208	664693	572845
36	1375400	3163	1215854	261326
37	2544733	1527	1119683	636183
38	3228425	2260	1333340	829705
39	2962500	2074	1410150	731738
40	2962500	2963	1721213	1187963
N 1	2300677	35430	688061	1336694
2	836600	11378	412444	750430
3	1856500	17451	937533	1158456
4	1797125	3774	672125	862620
5	2262483	31449	1097304	1393690
6	2675167	13108	2552109	1372361
		532923	48274905	29977690
	88001507			

RESERVE CALCULATIONS
N-S SECTIONS

HOLE	TONS	TONS × ASSAY Au	TONS × ASSAY Ag	TONS × ASSAY Zn
P 1	1758233	30252	1992758	459055
2	2203750	26886	885908	883704
3	3444700	32036	1377880	964516
4	1798233	46574	1172448	496312
5	1453317	28630	1437331	465061
6	2407233	23109	726984	965300
7	2399229	38628	3344525	1079653
8	1382292	25849	827993	899872
9	1751475	15938	942294	329277
10	916725	2750	605039	187929
11	1273913	16179	931230	183443
12	1089667	18415	831416	533937
13	1550533	6047	513226	314758
14	1125600	7316	386081	334303
15	1083650	4660	340266	254658
17	2576438	10306	1002234	278255
18	978375	7533	344388	544955
19	3008825	10832	1582642	683003
20	2209375	2651	1303531	1009684
21	2070083	4140	560992	919117
22	1692425	338	849597	903755
23	4527633	17658	4708738	3268951
24	2255729	11730	1400808	2226405
25	3284567	7555	1024785	643775
26	2234021	17425	2392636	527229
27	2145225	858	778717	465514
28	1705367	5969	1338713	818576
29	2267458	6122	963670	523783
30	2048825	1024	1094073	528597
31	1511313	2267	755657	347602
32	3022500	302	1532408	577298
33	4134375	2481	1178297	992250
34	4040867	2020	1466835	981931
35	4134375	2067	1136953	979847
36	1457250	3352	1288209	276878
37	2833200	1700	1246608	708300
38	2718075	1903	1122565	698545
39	3006938	2105	1431302	742714
40	4260633	4261	2475428	1708514
N 1	3345000	51513	1291170	1943445
2	1239521	16857	611084	1111850
3	1483433	13944	749134	925662
4	2908250	6107	1087686	1395960
5	2256500	31365	1094403	1390004
6	1462100	7164	1394843	750057
	102457826	576818	55523485	37224234

TONNAGES TO
50 FT. VERT. EXTENSION

35 107

	HOLE No	EW X-SECTS	NS X-SECTS
1	P-1	410208	496354
2	2	798958	537500
3	3	767135	797500
4	4	413125	423333
5	5	489275	479265
6	6	598333	610833
7	7	496875	577604
8	8	265833	415104
9	9	573490	420000
10	10	407500	250000
11	11	424583	441146
12	12	762500	727708
13	13	270417	338333
14	14	342917	248750
15	15	392683	87500
16	17	492396	700000
17	18	386145	424375
18	19	561250	495000
19	20	833333	566617
20	21	402083	456771
21	22	260833	508958
22	23	328750	788333
23	24	—	369792
24	25	324583	565833
25	26	263750	367708
26	27	332083	361250
27	28	507083	287500
28	29	323333	272396
29	30	337500	367500
30	31	263750	247917
31	32	605000	503750
32	33	338750	689583
33	34	329583	679167
34	35	405833	689063
35	36	451667	323729
36	37	485833	490625
37	38	536875	433125
38	39	493750	519167
39	40	493750	748500
40	N-1	402083	557500
41	2	139375	205729
42	3	309375	87500
43	4	310000	433750
44	5	414583	372500
45	6	505000	266875
46			
47		16131661	20700[illegible]

ORE RESERVES CALCULATIONS — Pg 1 of 2

TRIANGLE METHOD

TONNAGE × GRADE

Δ #		Au	Ag	Zn
1		2130	685621	363446
2		7877	826439	279040
3		12375	705855	293342
4		12869	682269	290067
5		8186	498832	205689
6		10328	1049260	609199
7		4292	536543	239656
8		4082	530630	224497
9		3640	596489	217365
10		8111	609364	264632
11		10345	889276	349146
12		18867	1159544	564704
13		16073	612801	505166
14		17856	833972	552480
15		8431	927355	550924
16		3546	294901	122629
17		2636	297268	159129
18		5752	541766	342314
19		2771	596995	267897
20		4716	956318	443264
21		7384	698456	480567
22		10519	838688	482939
23		4581	543624	335748
24		11778	961884	460085
25		12432	825987	248635
26		10421	690995	236253
27		10634	466420	274279
28		11196	428809	392981
29		7933	615571	405483
30		8644	416111	232209
31		17606	611873	319406
32		3653	497631	343603
33		7597	513032	334043
34		5513	213918	212595
35		8604	422242	318998
36		24102	1422821	670592
37		4396	493720	252747
38		2897	286372	172751
39		4073	457006	394416
40		2740	423905	261194

ORE RESERVES CALCULATIONS — 2 of 2

TONNAGE × GRADE

Δ #		Au	Ag	Zn
41		4047	531395	350359
42		3305	619493	374255
43		7257	726911	546695
44		6149	436112	367053
45		4108	232041	271969
46		3607	272549	314634
47		4920	229270	318036
48		1755	108113	126096
49		3288	149744	184902
50		13529	560490	731858
51		6377	380827	430227
52		2105	400912	221509
53		7997	1172376	440705
54		4095	544500	212573
55		1885	245815	166052
56		7422	1129744	791646
57		7412	1356228	484796
58		6796	1140707	435342
59		7767	489853	439740
60		7496	470209	482328
61		3715	1288747	919539
62		5208	1044141	500476
63		4736	754365	537527
64		3782	1240872	931245
65		5566	659297	616486
66		22456	877131	284595
67		2361	569828	280843
68		1598	254262	196662
	TOTAL	502327	43546495	25633707
		Au, oz/T	Ag, oz/T	Zn, %
	AVG. GRADE = TOTAL ÷ 74,119,510	.0068	.588	.346

AUSTIN ORE RESERVE CALCULATIONS
TRIANGLE METHOD

		1	2			3			4			5	6	7			8	9
REF. No	TRIANGLE	AREA, SF	ASSAY-FEET 1			ASSAY-FEET 2			ASSAY FEET 3			SUM of DEPTHS $d_1+d_2+d_3$ FT	AVG DEPTH $\frac{d_1+d_2+d_3}{3}$ FT	AVG GRADE $\frac{\text{(Assay-Feet)}}{\text{(SF)}}$			VOLUME (SF × FT) CF	TONNAGE $\frac{\text{(CF)}}{12}$
			Au	Ag	Zn	Au	Ag	Zn	Au	Ag	Zn			Au	Ag	Zn		
1	40-17-30	59169	.30	174.3	120.3	.82	79.7	22.1	.15	162.9	78.7	810	270	.0016	.515	.273	15975630	1331303
2	39-17-1	70579	.21	142.8	74.1	.82	79.7	22.1	3.01	198.3	45.7	680	227	.0059	.619	.209	16021433	1335119
3	17-2-1	70515	.82	79.7	22.1	2.50	82.4	82.2	3.01	198.3	45.7	585	195	.0108	.616	.256	13750425	1145869
4	2-9-1	62853	2.50	82.4	82.2	1.87	110.3	38.5	3.01	198.3	45.7	585	195	.0126	.668	.284	12256335	1021361
5	1-9-18	51824	3.01	198.3	45.7	1.87	110.3	38.5	.81	37.0	58.5	485	162	.0117	.713	.294	8395488	699624
6	18-9-N6	92111	.81	37.0	58.5	1.87	110.3	38.5	1.35	263.3	141.6	586	195	.0069	.701	.407	17961645	1496804
7	9-10-N6	41075	1.87	110.3	38.5	.54	95.7	29.7	1.35	263.3	141.6	626	209	.0060	.750	.335	8584675	715390
8	9-37-10	56430	1.87	110.3	38.5	.18	132.0	75.0	.54	95.7	29.7	650	217	.0040	.520	.220	12245310	1020443
9	9-36-37	52293	1.87	110.3	38.5	.44	168.0	36.1	.18	132.0	75.0	695	232	.0036	.590	.215	12131976	1010998
10	2-36-9	60835	2.50	82.4	82.2	.44	168.0	36.1	1.87	110.3	38.5	600	200	.0080	.601	.261	12167000	1013917
11	2-7-36	59683	2.50	82.4	82.2	3.30	285.8	92.3	.44	168.0	36.1	600	200	.0104	.894	.351	11936600	994717
12	12-7-2	106234	.59	25.6	17.2	3.30	285.8	92.3	2.50	82.4	82.2	445	148	.0144	.885	.431	15722632	1310219
13	3-12-2	116362	1.91	82.0	57.4	.59	25.6	17.2	2.50	82.4	82.2	445	148	.0112	.427	.352	17221576	1435131
14	3-2-17	122967	1.91	82.0	57.4	2.50	82.4	82.2	.82	79.7	22.1	615	205	.0085	.397	.263	25208235	2100686
15	40-3-17	99270	.30	174.3	120.3	1.91	82.0	57.4	.82	79.7	22.1	710	237	.0043	.473	.281	23526990	1960582
16	7-8-36	19483	3.30	285.8	92.3	2.81	89.9	97.7	.44	168.0	36.1	545	182	.0120	.998	.415	3545906	295492
17	36-8-37	27500	.44	168.0	36.1	2.81	89.9	97.7	.18	132.0	75.0	640	213	.0054	.609	.326	5857500	488125
18	8-19-37	51065	2.81	89.9	97.7	1.10	160.4	69.2	.18	132.0	75.0	655	218	.0062	.584	.369	11132170	927681
19	37-19-10	55427	.18	132.0	75.0	1.10	160.4	69.2	.54	95.7	29.7	750	250	.0024	.517	.232	13856750	1154729
20	19-38-10	90539	1.10	160.4	69.2	.21	123.9	77.1	.54	95.7	29.7	750	250	.0025	.507	.235	22634750	1886229
21	8-20-19	63991	2.81	89.9	97.7	.27	132.8	102.8	1.10	160.4	69.2	680	227	.0061	.577	.397	14525957	1210496
22	7-20-8	59460	3.30	285.8	92.3	.27	132.8	102.8	2.81	89.9	97.7	580	193	.0110	.877	.505	11475780	956315
23	7-21-20	40622	3.30	285.8	92.3	.46	62.3	102.1	.27	132.8	102.8	605	202	.0067	.795	.491	8205644	683804
24	11-21-7	77488	1.71	98.7	19.4	.46	62.3	102.1	3.30	285.8	92.3	570	190	.0096	.784	.375	14722720	1226893
25	5-11-7	53208	3.40	173.1	56.0	1.71	98.7	19.4	3.30	285.8	92.3	515	172	.0163	1.083	.326	9151776	762654
26	12-5-7	51488	.59	25.6	17.2	3.40	173.1	56.0	3.30	285.8	92.3	415	138	.0176	1.167	.399	7105344	592112
27	6-5-12	65188	1.87	58.9	78.2	3.40	173.1	56.0	.59	25.6	17.2	405	135	.0145	.636	.374	8800380	733365
28	3-6-12	92657	1.91	82.0	57.4	1.87	58.9	78.2	.59	25.6	17.2	435	145	.0100	.383	.351	13435265	1119605
29	3-32-6	75664	1.91	82.0	57.4	.03	152.1	57.3	1.87	58.9	78.2	700	233	.0054	.419	.276	17629712	1469143
30	32-4-6	43835	.03	152.1	57.3	5.18	130.4	55.2	1.87	58.9	78.2	695	232	.0102	.491	.214	10169720	847477
31	6-4-5	60762	1.87	58.9	78.2	5.18	130.4	55.2	3.40	173.1	56.0	570	190	.0183	.636	.332	11544780	962065
32	32-31-N3	39233	.03	152.1	57.3	.46	152.5	70.2	2.82	151.5	187.2	905	302	.0037	.504	.348	11848366	987364
33	32-N4-4	46770	.03	152.1	57.3	.63	112.2	144.0	5.18	130.4	55.2	800	267	.0073	.493	.321	12487590	1040633
34	4-N4-N5	19603	5.18	130.4	55.2	.63	112.2	144.0	4.31	150.4	191.0	810	270	.0125	.485	.482	5292810	441068
35	4-N5-28	29198	5.18	130.4	55.2	4.31	150.4	191.0	1.07	239.4	146.4	815	272	.0130	.638	.482	7194856	599621
36	4-28-11	108995	5.18	130.4	55.2	1.07	239.4	146.4	1.71	98.7	19.4	640	214	.0124	.732	.345	23324930	1943744
37	28-13-11	43810	1.07	239.4	146.4	.80	67.9	41.6	1.71	98.7	19.4	645	215	.0056	.629	.322	9419150	784929
38	11-13-22	40920	1.71	98.7	19.4	.80	67.9	41.6	.03	85.3	90.8	510	170	.0050	.494	.298	6956400	579700
39	11-22-21	66977	1.71	98.7	19.4	.03	85.3	90.8	.46	62.3	102.1	535	178	.0041	.460	.397	11921906	993492
40	28-25-13	38061	1.07	239.4	146.4	.69	93.6	58.8	.80	67.9	41.6	810	270	.0032	.495	.305	10276470	856373
41	28-14-25	47683	1.07	239.4	146.4	1.30	68.6	59.4	.69	93.6	58.8	805	268	.0038	.499	.329	12779044	1064920
42	28-30-14	47389	1.07	239.4	146.4	.15	162.9	78.7	1.30	68.6	59.4	810	270	.0031	.581	.351	12795030	1066253
43	N5-30-28	47277	4.31	150.4	191.0	.15	162.9	78.7	1.07	239.4	146.4	920	307	.0060	.601	.452	14514039	1209503
44	N5-15-30	41583	4.31	150.4	191.0	.88	64.4	48.2	.15	162.9	78.7	820	273	.0065	.461	.388	11352159	946013
45	N4-15-N5	25529	.63	112.2	144.0	.88	64.4	48.2	4.31	150.4	191.0	815	272	.0071	.401	.470	6943888	578657

AUSTIN ORE RESERVE CALCULATIONS
TRIANGLE METHOD

		1	2			3			4			5	6	7			8	
REF. No.	TRIANGLE	AREA, SF	ASSAY-FEET 1			ASSAY-FEET 2			ASSAY-FEET 3			SUM OF DEPTHS $d_1+d_2+d_3$	AVG. DEPTH $\frac{(\Sigma d)}{3}$	AVG. GRADE			VOLUME, CF	TONNAGE
			Au	Ag	Zn	Au	Ag	Zn	Au	Ag	Zn			Au	Ag	Zn		
46	N3-15-N4	2991.1	2.82	151.5	187.2	.88	64.4	48.2	.63	112.2	144.0	805	268	.0054	.408	.471	8016148	668012
47	N3-N2-15	22712	2.82	151.5	187.2	4.08	147.9	269.1	.88	64.4	48.2	805	268	.0097	.452	.627	6086816	507235
48	N3-31-N2	8609	2.82	151.5	187.2	.46	152.5	70.2	4.08	147.9	269.1	905	302	.0081	.499	.582	2599918	216660
49	31-N1-N2	12935	.46	152.5	70.2	4.62	115.8	174.3	4.08	147.9	269.1	905	302	.0101	.460	.568	3906370	325531
50	N2-N1-29	51198	4.08	147.9	269.1	4.62	115.8	174.3	.82	129.6	70.5	905	302	.0105	.435	.568	15461796	1288483
51	N2-29-15	39919	4.08	147.9	269.1	.82	129.6	70.5	.88	64.4	48.2	810	270	.0071	.424	.479	10778130	898178
52	15-29-30	40382	.88	64.4	48.2	.82	129.6	70.5	.15	162.9	78.7	815	272	.0023	.438	.242	10983904	915325
53	30-26-14	75625	.15	162.9	78.7	2.38	326.7	72.0	1.30	68.6	59.4	810	270	.0047	.689	.259	20418750	1701562
54	14-26-27	38720	1.30	68.6	59.4	2.38	326.7	72.0	.12	110.7	66.2	810	270	.0047	.625	.244	10454400	871200
55	14-27-25	32468	1.30	68.6	59.4	.12	110.7	66.2	.69	93.6	58.8	805	268	.0026	.339	.229	8701424	725119
56	27-26-24	64889	.12	110.7	66.2	2.38	326.7	72.0	1.59	189.4	301.0	915	305	.0045	.685	.480	19791145	1649262
57	30-29-26	78818	.15	162.9	78.7	.82	129.6	70.5	2.38	326.7	72.0	915	305	.0037	.677	.242	24039490	2003291
58	29-34-26	72748	.82	129.6	70.5	.15	108.9	72.9	2.38	326.7	72.0	910	303	.0037	.621	.237	22042644	1836887
59	29-N1-34	49781	.82	129.6	70.5	4.62	115.8	174.3	.15	108.9	72.9	905	302	.0062	.391	.351	15033862	1252822
60	N1-33-34	54517	4.62	115.8	174.3	.18	85.5	72.0	.15	108.9	72.9	900	300	.0055	.345	.355	16355100	1362925
61	34-33-23	94457	.15	108.9	72.9	.18	85.5	72.0	1.11	296.4	205.8	885	295	.0016	.555	.396	27864815	2322066
62	34-23-26	51323	.15	108.9	72.9	1.11	296.4	205.8	2.38	326.7	72.0	890	297	.0041	.822	.394	15242931	1270244
63	26-23-24	33455	2.38	326.7	72.0	1.11	296.4	205.8	1.59	189.4	301.0	895	298	.0057	.908	.647	9969590	830799
64	33-35-23	96145	.18	85.5	72.0	.15	82.5	71.1	1.11	296.4	205.8	885	295	.0016	.525	.394	28362775	2363565
65	32-N3-N4	57082	.03	152.1	57.3	2.82	151.5	187.2	.63	112.2	144.0	900	300	.0039	.462	.432	17124600	1427050
66	5-4-11	78473	3.40	173.1	56.0	5.18	130.4	55.2	1.71	98.7	19.4	510	170	.0202	.789	.256	13340410	1111700
67	N6-10-38	40702	1.35	263.3	141.6	.54	95.7	29.7	.21	123.9	77.1	721	240	.0029	.700	.345	9768480	814040
68	13-25-22	37051	.80	67.9	41.6	.69	93.6	58.8	.03	85.3	90.8	675	225	.0023	.366	.283	8336475	694706
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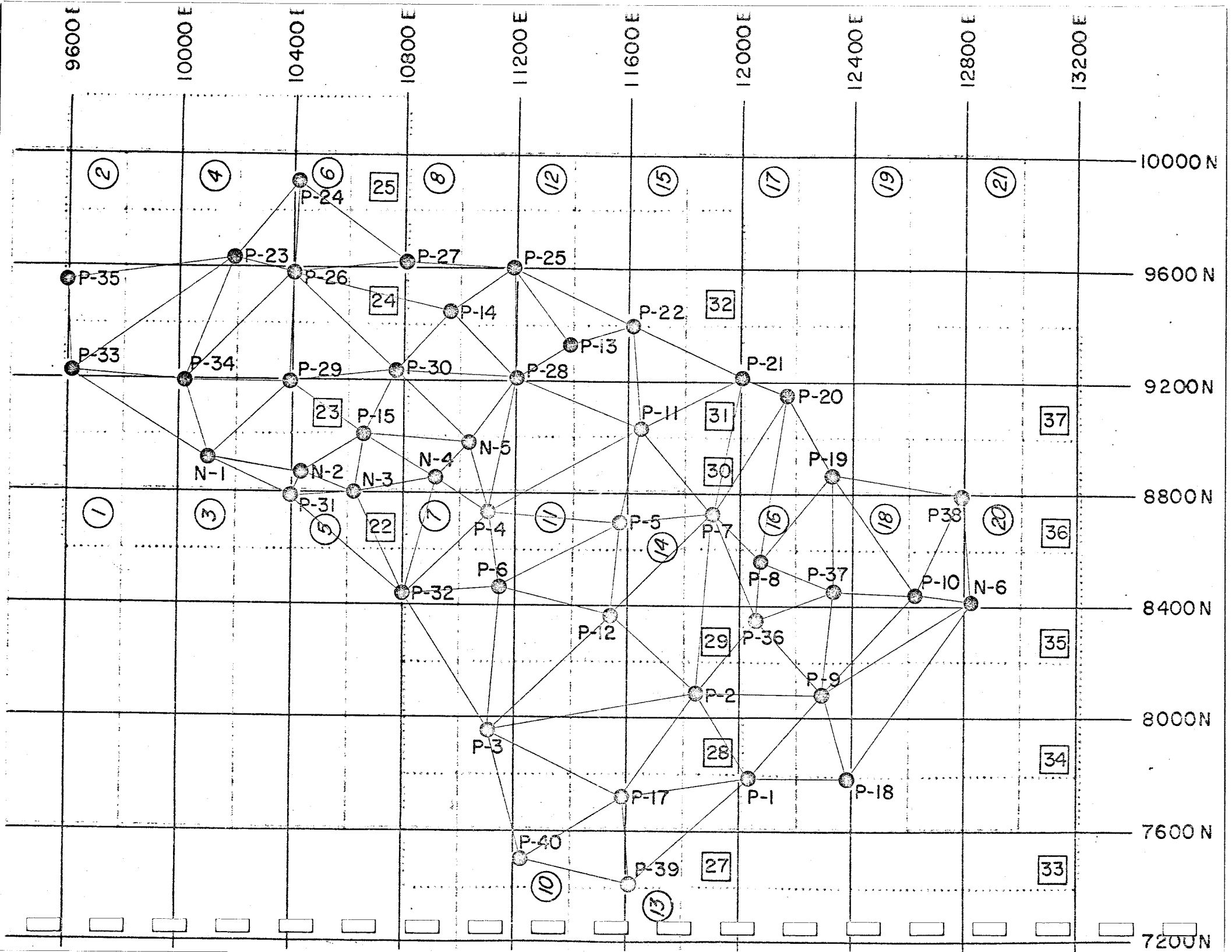
																	G.T.	✓ 74,119,510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8400 N
8000 N
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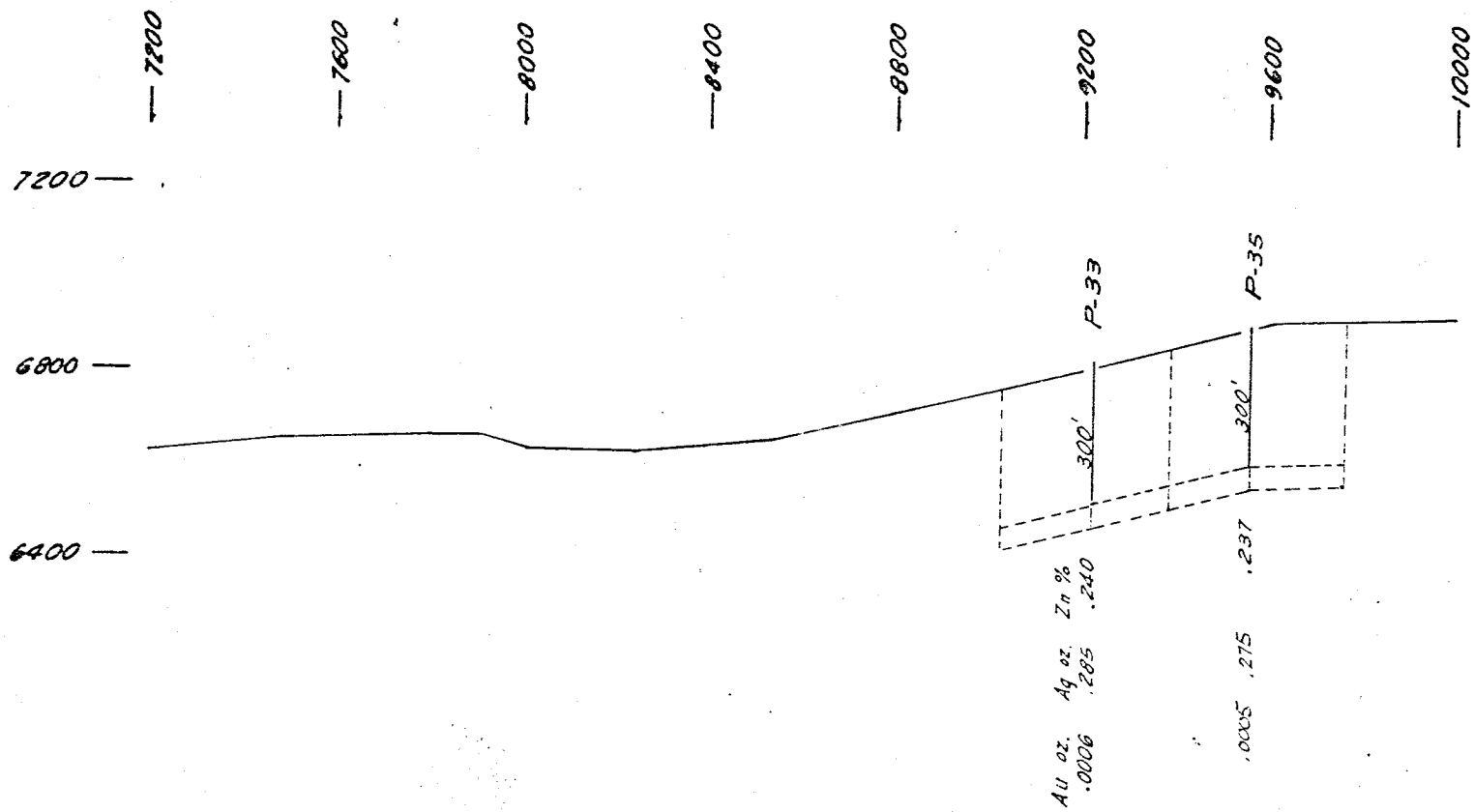

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AUSTIN PROPERTY
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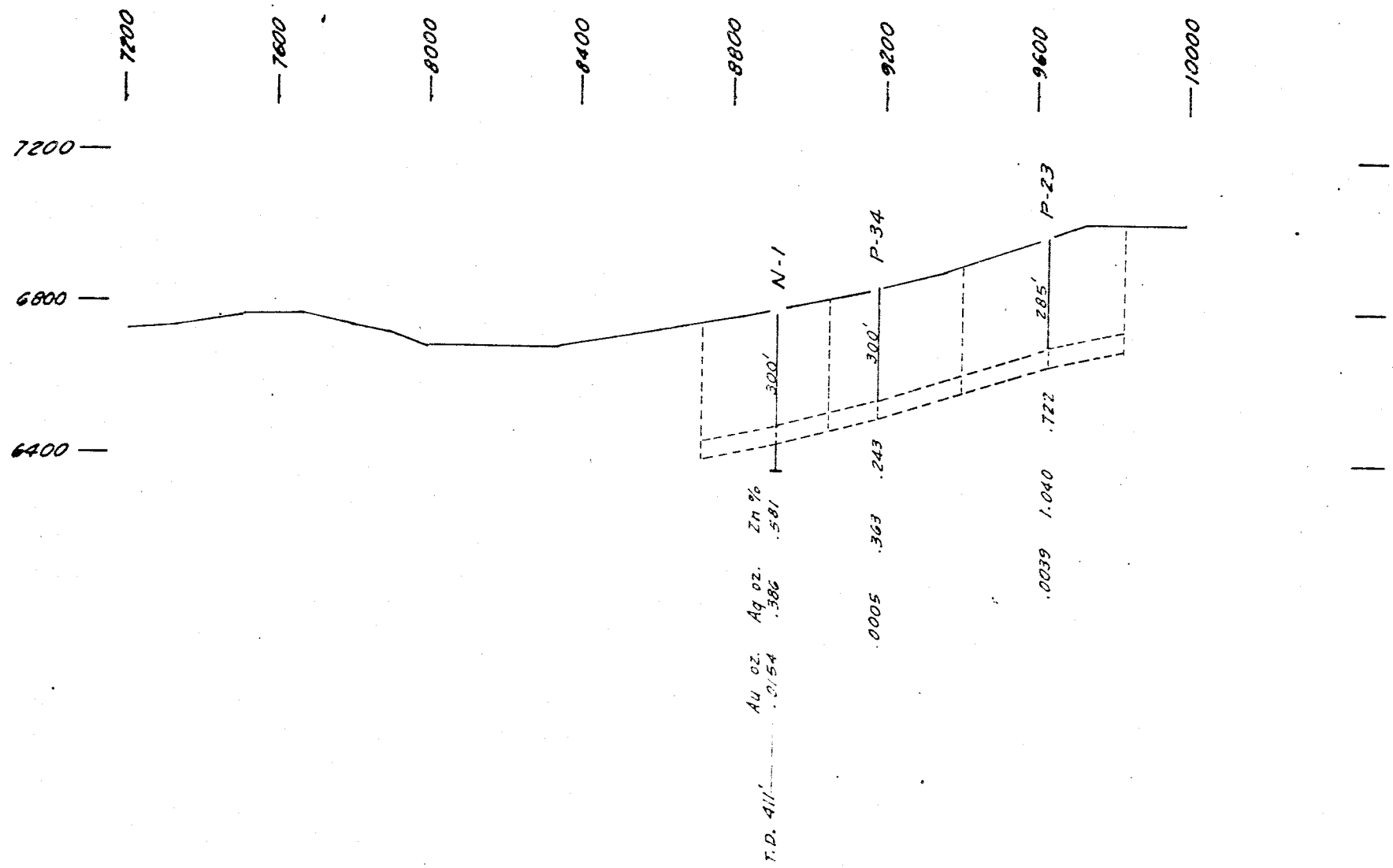

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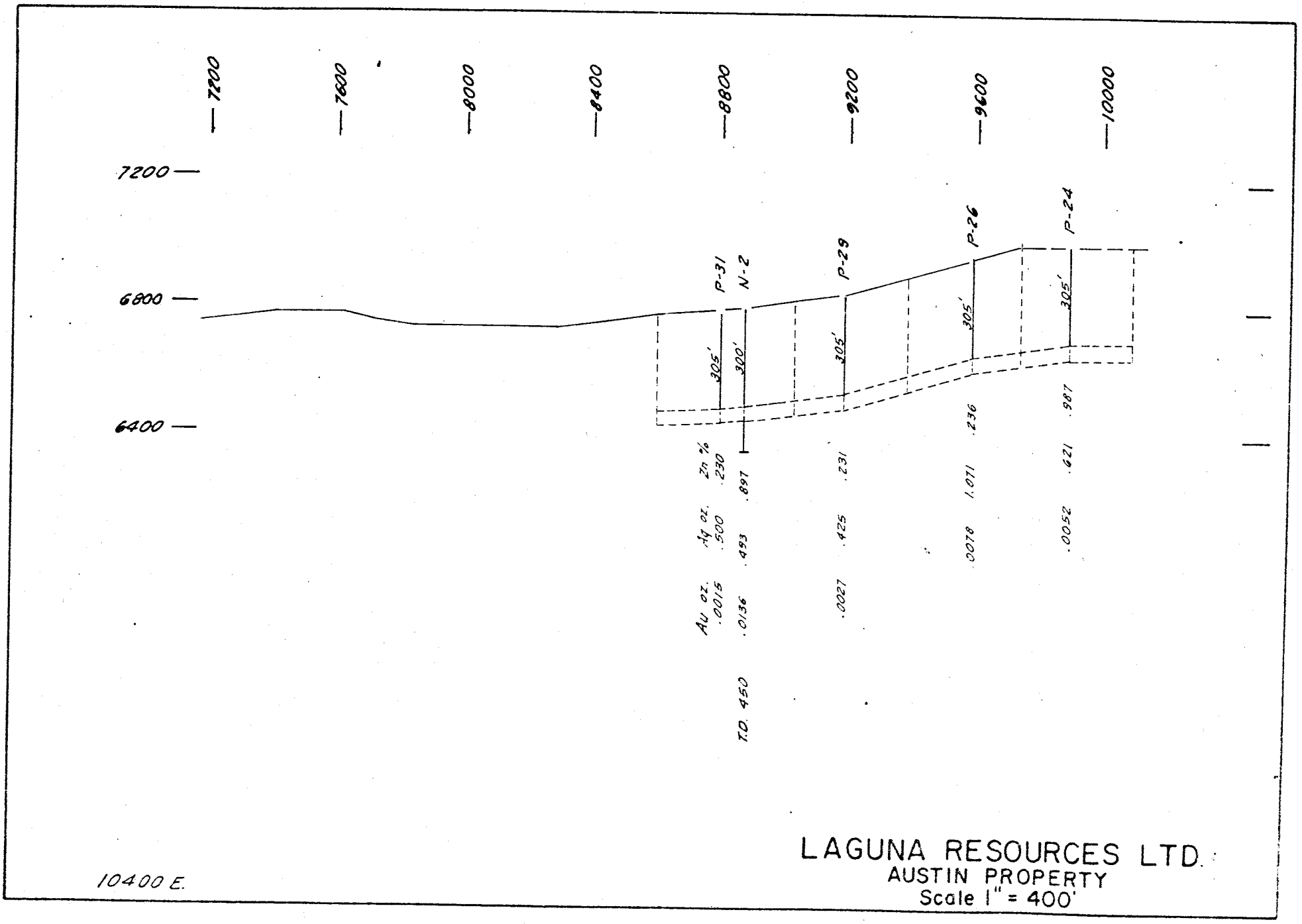
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6400
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N-2
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P-26
P-24
305'
300'
305'
305'
305'
Zn %
.230
.897
.231
.236
.987
Ag oz.
.500
.493
.425
1.071
.621
Au oz.
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T.D. 450
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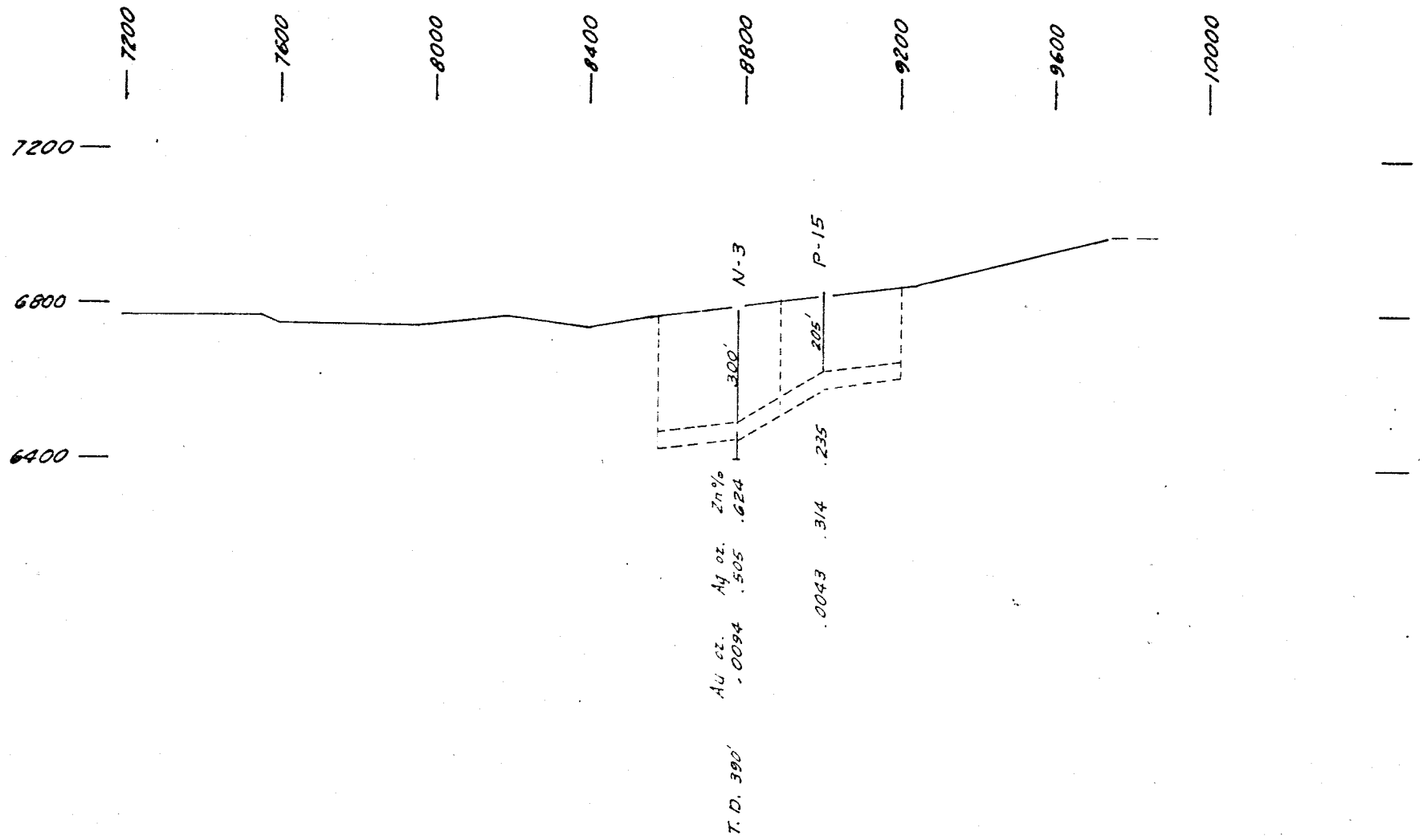
AUSTIN PROPERTY
Scale 1" = 400'



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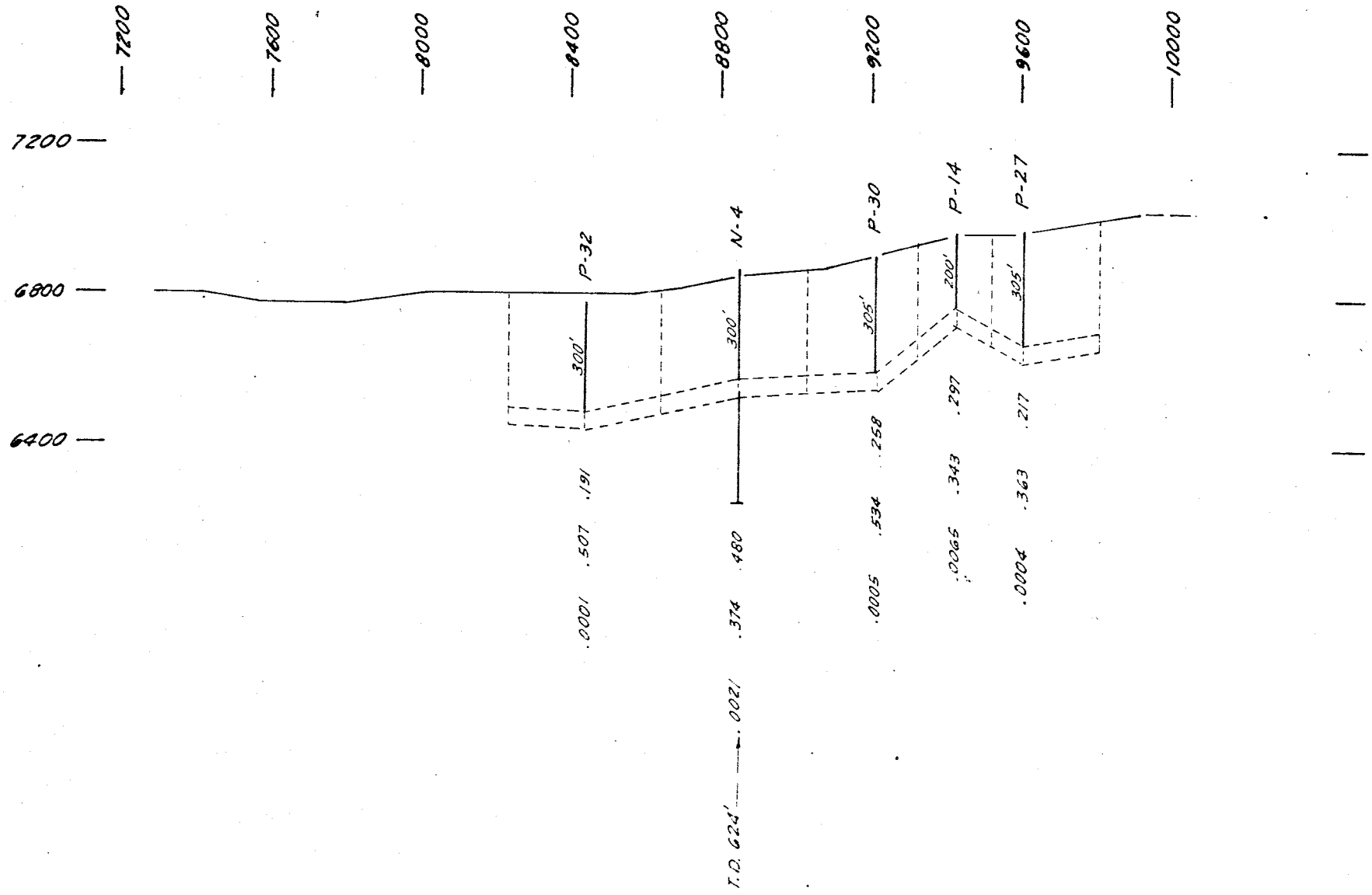

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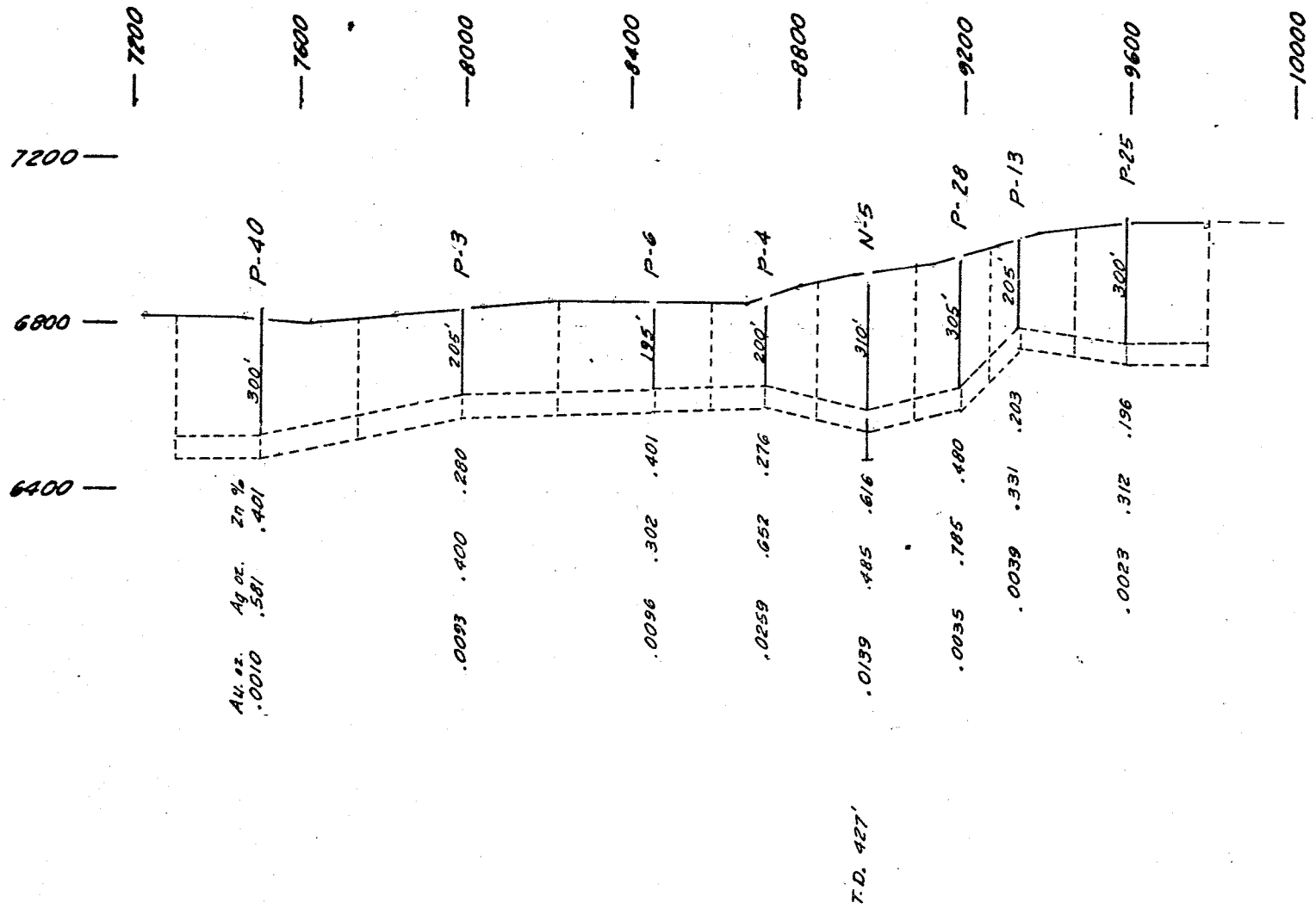

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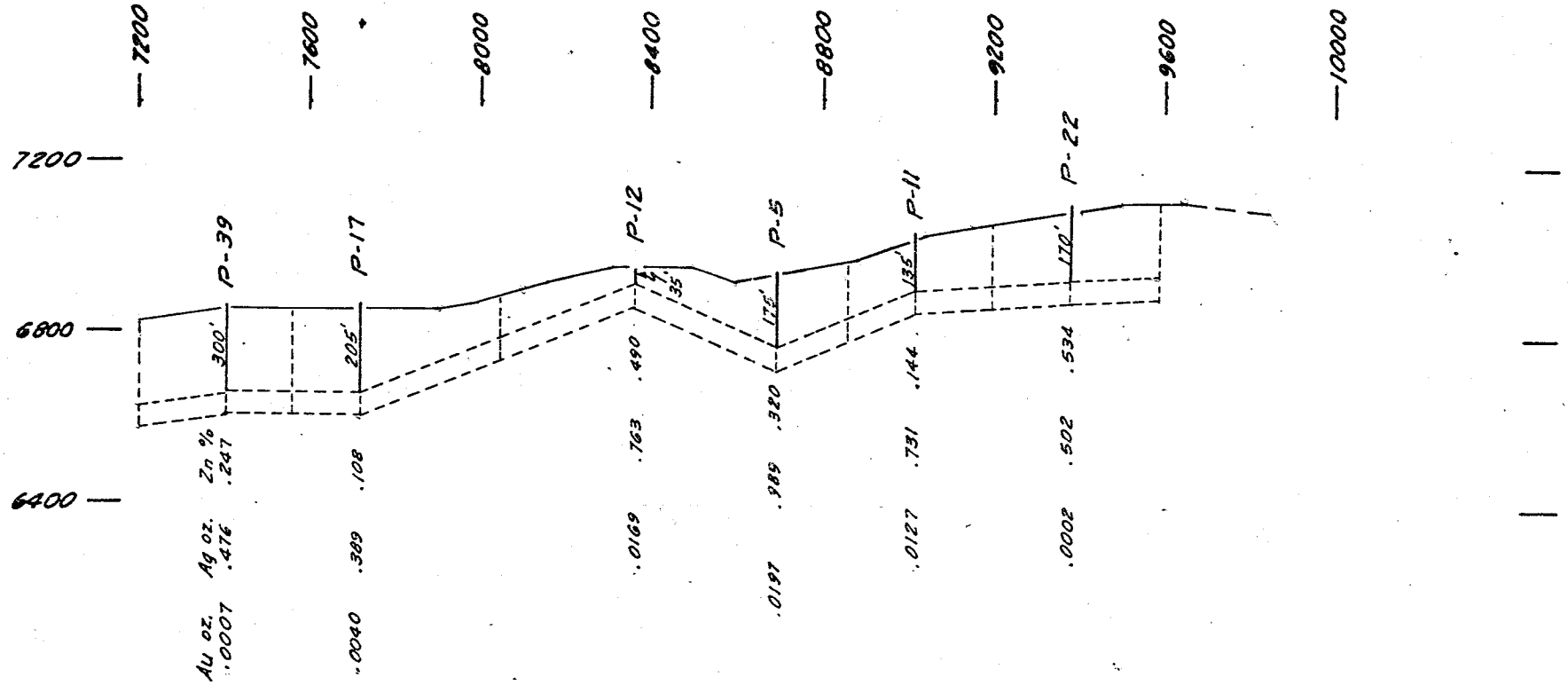
AUSTIN PROPERTY

Scale 1" = 400'



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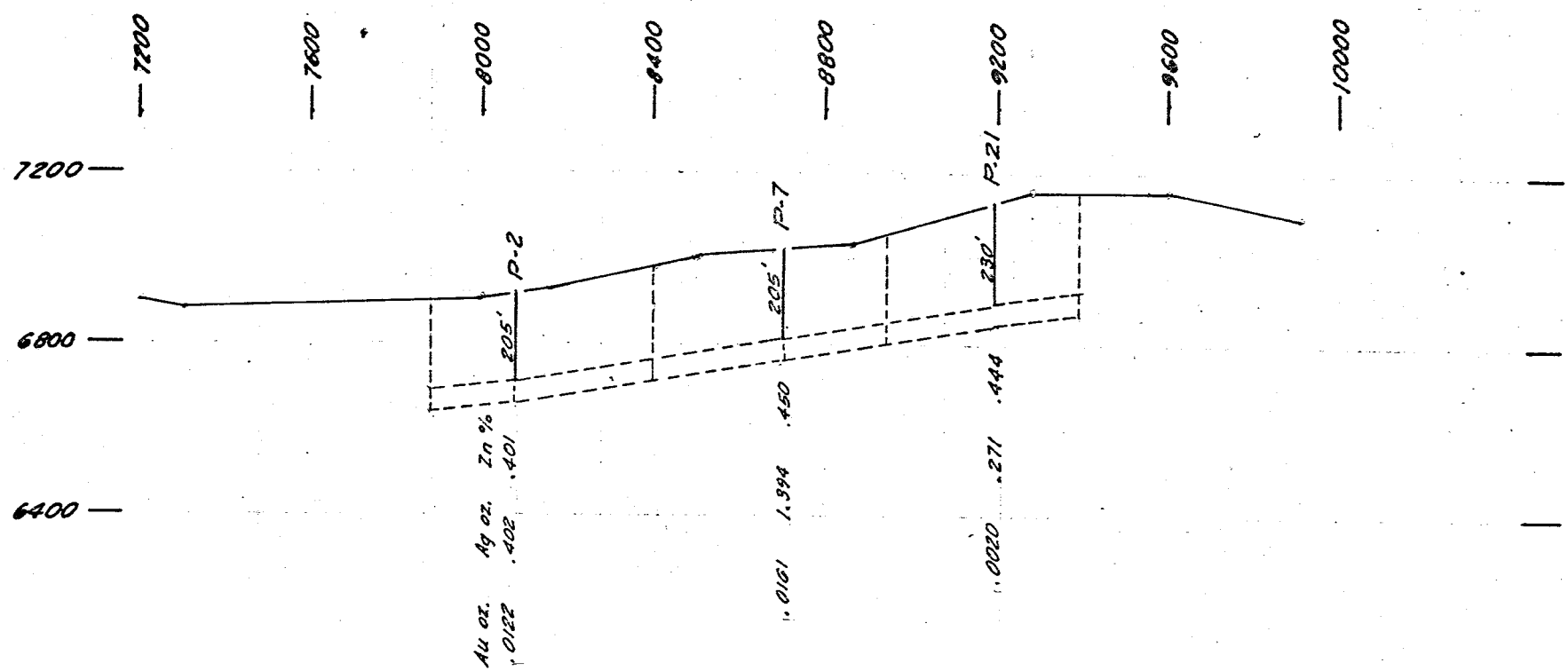

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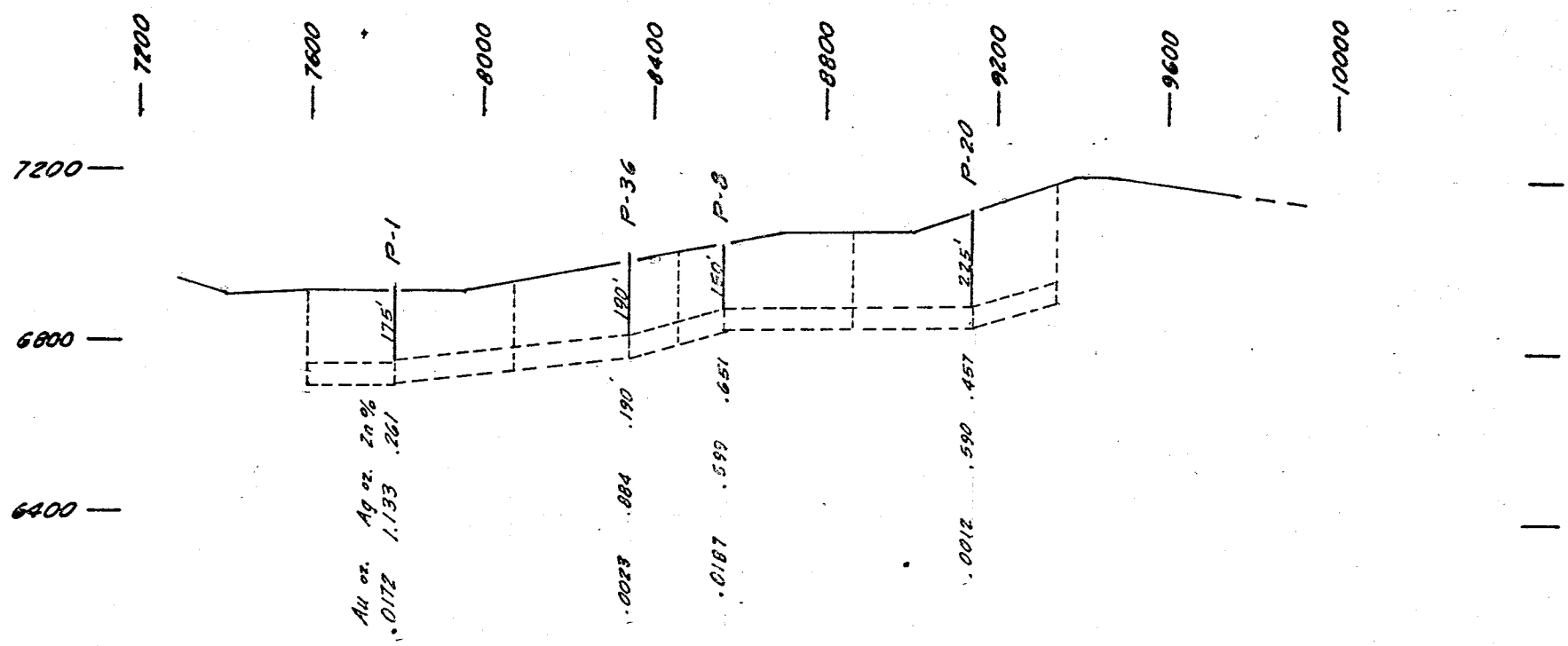

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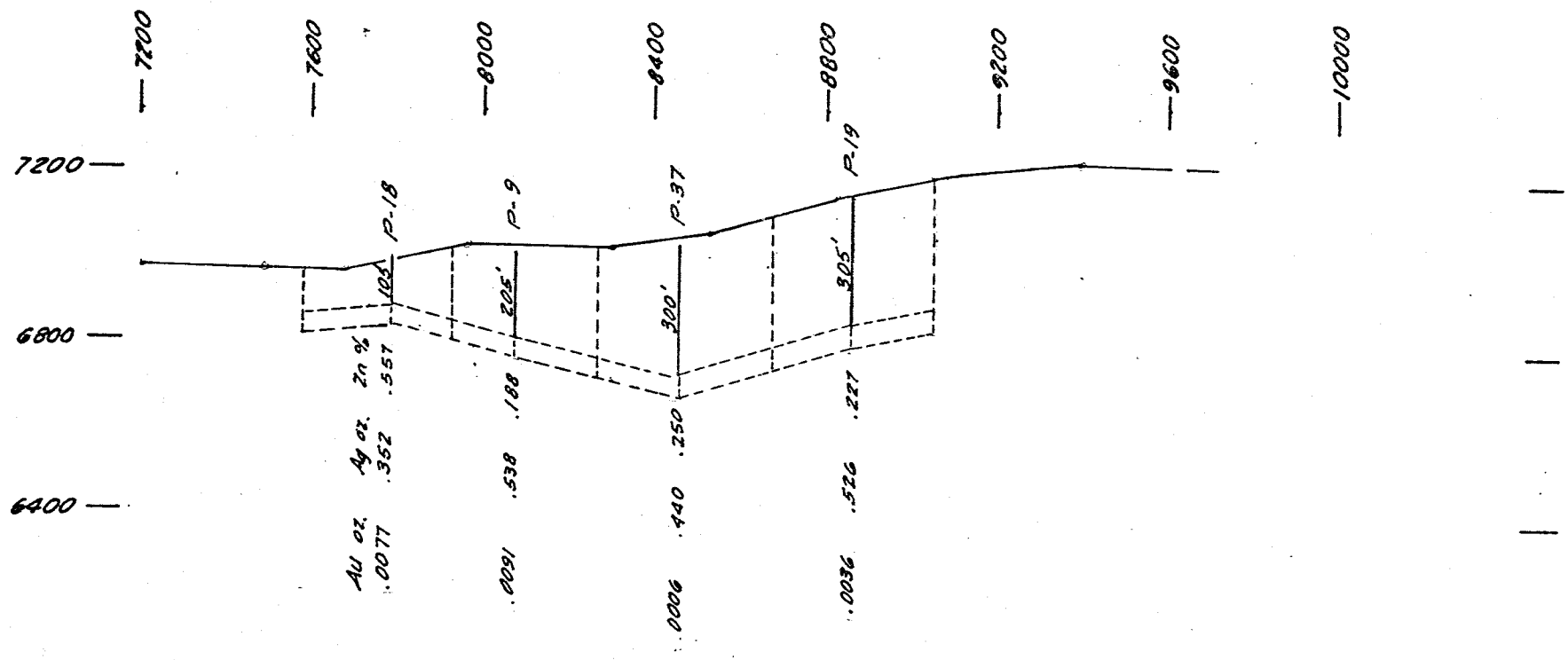
AUSTIN PROPERTY
Scale 1" = 400'

1216.1E



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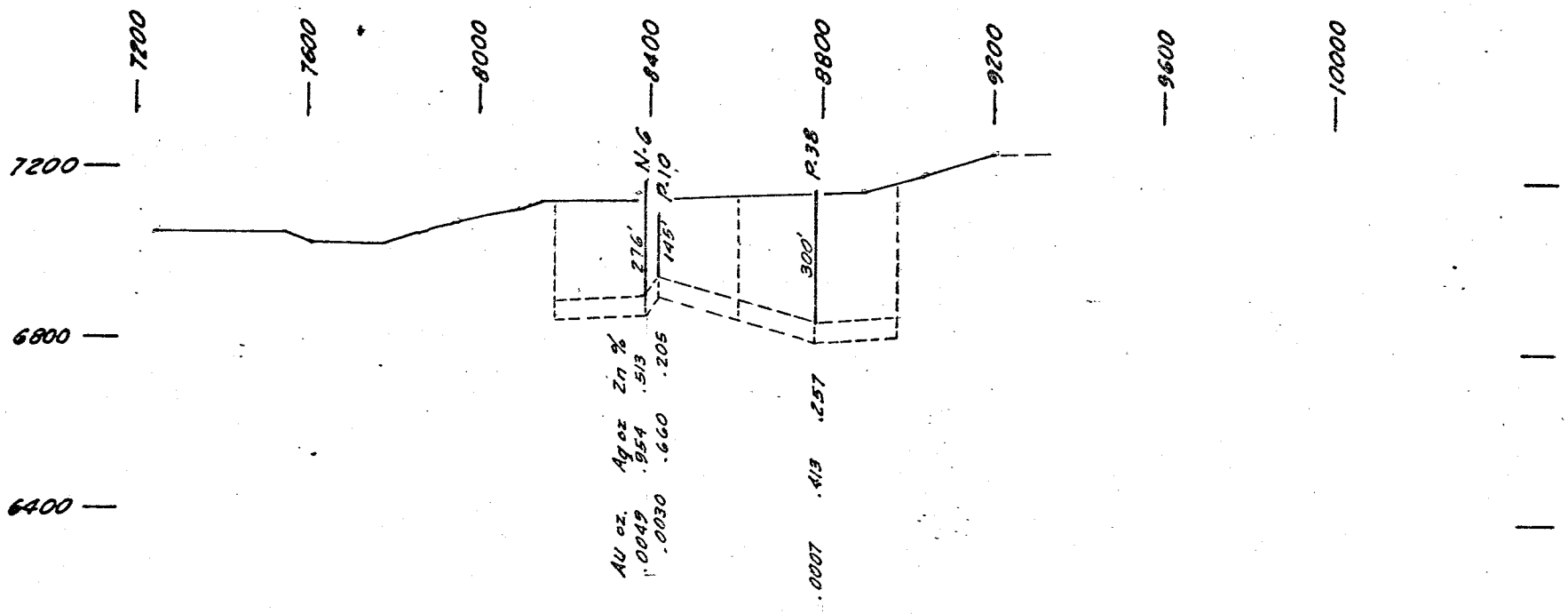

12700 E

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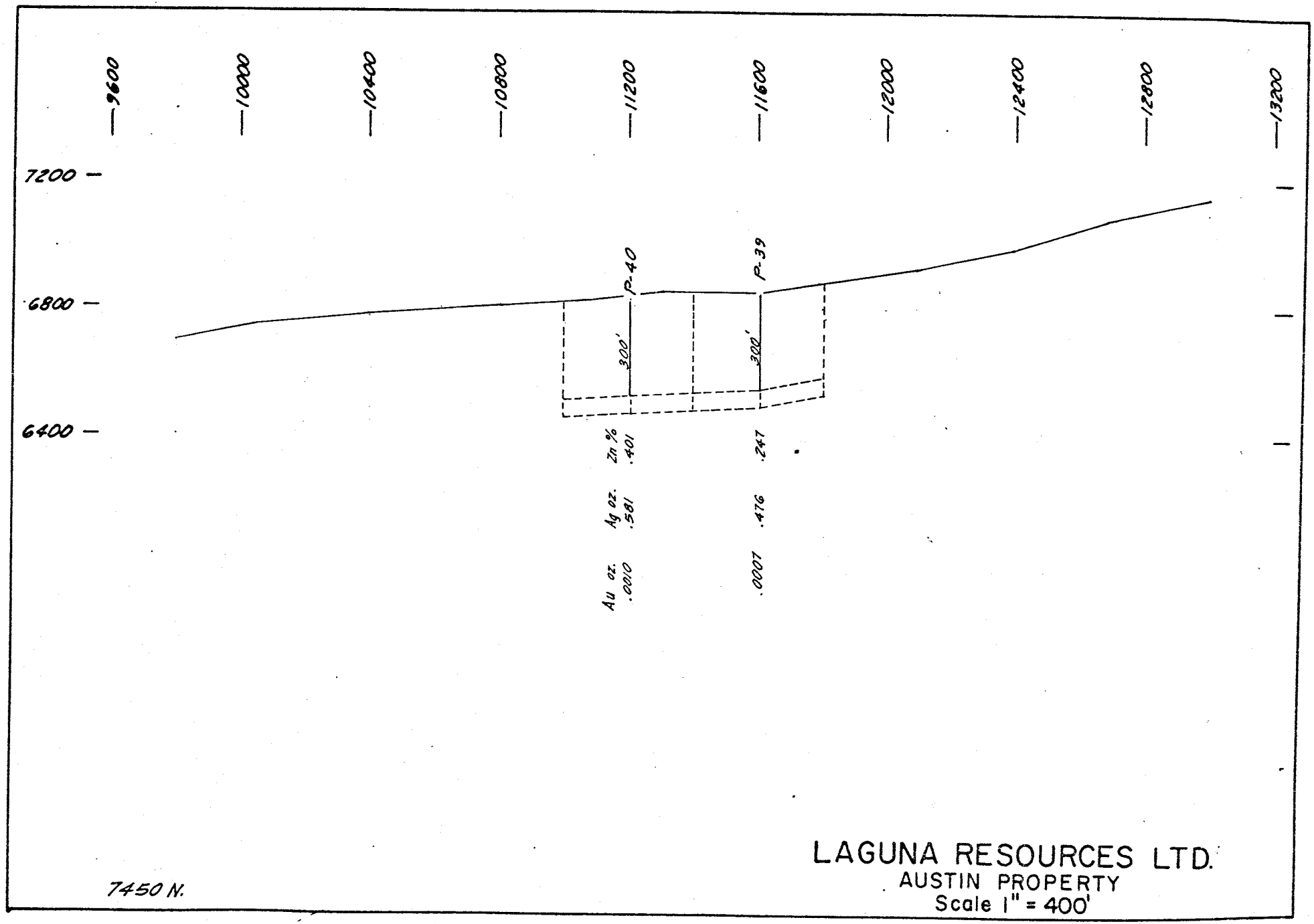
AUSTIN PROPERTY
Scale 1" = 400'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300'
300'
Zn %
.401
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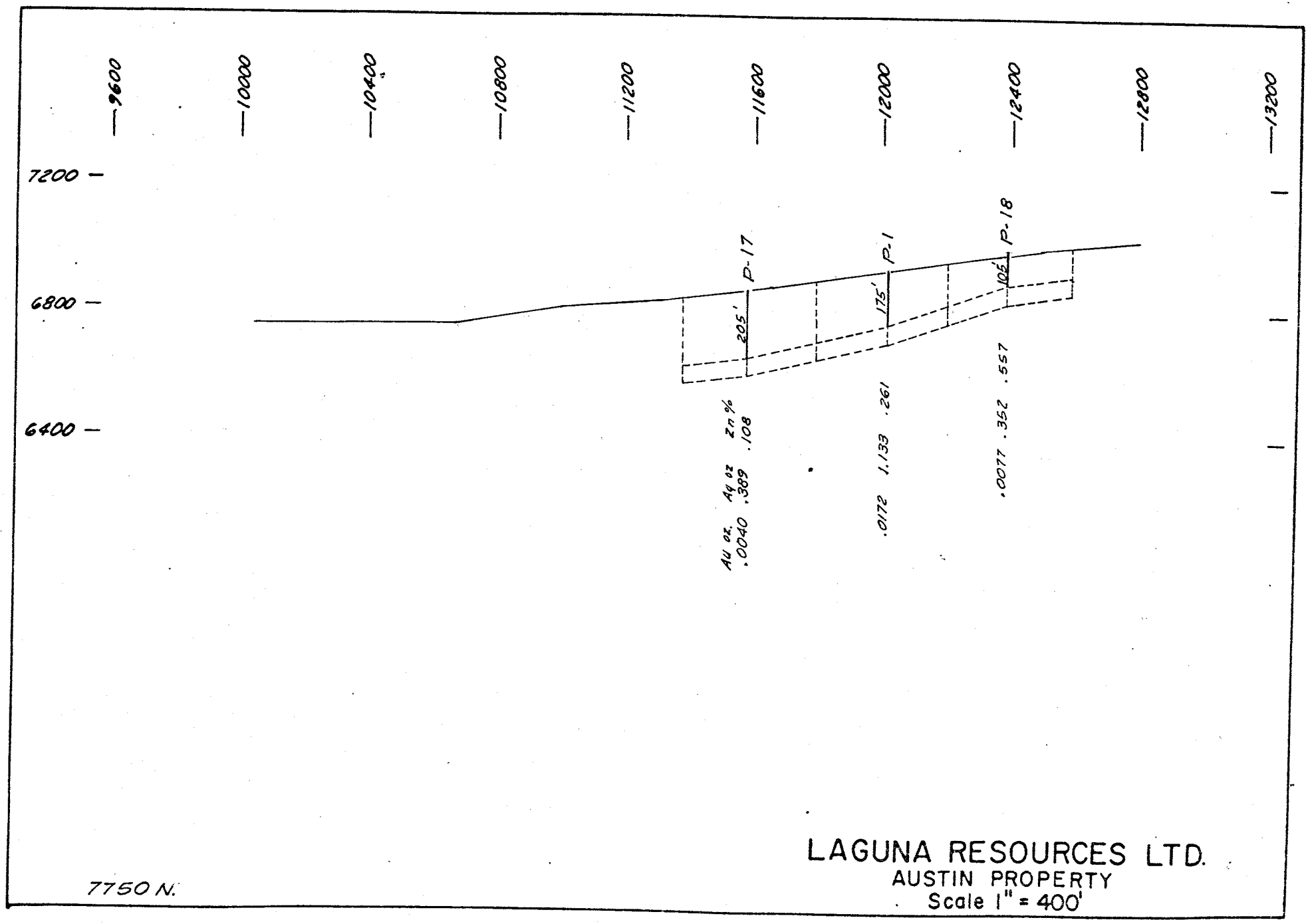
Ag oz.
.581
.476
Au oz.
.0010
.0007
7450 N.
LAGUNA RESOURCES LTD.
AUSTIN PROPERTY
Scale 1" = 400'



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AUSTIN PROPERTY
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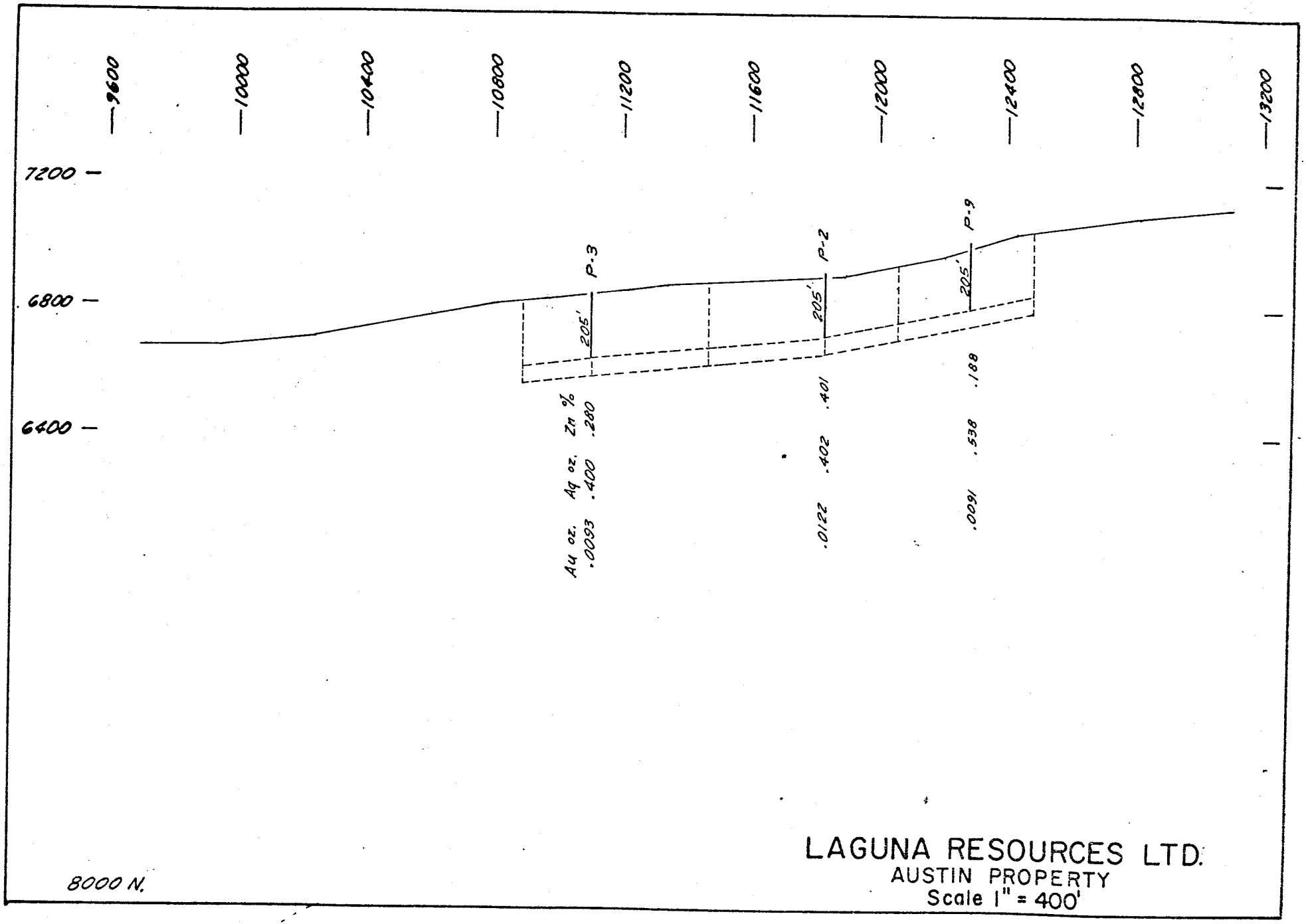

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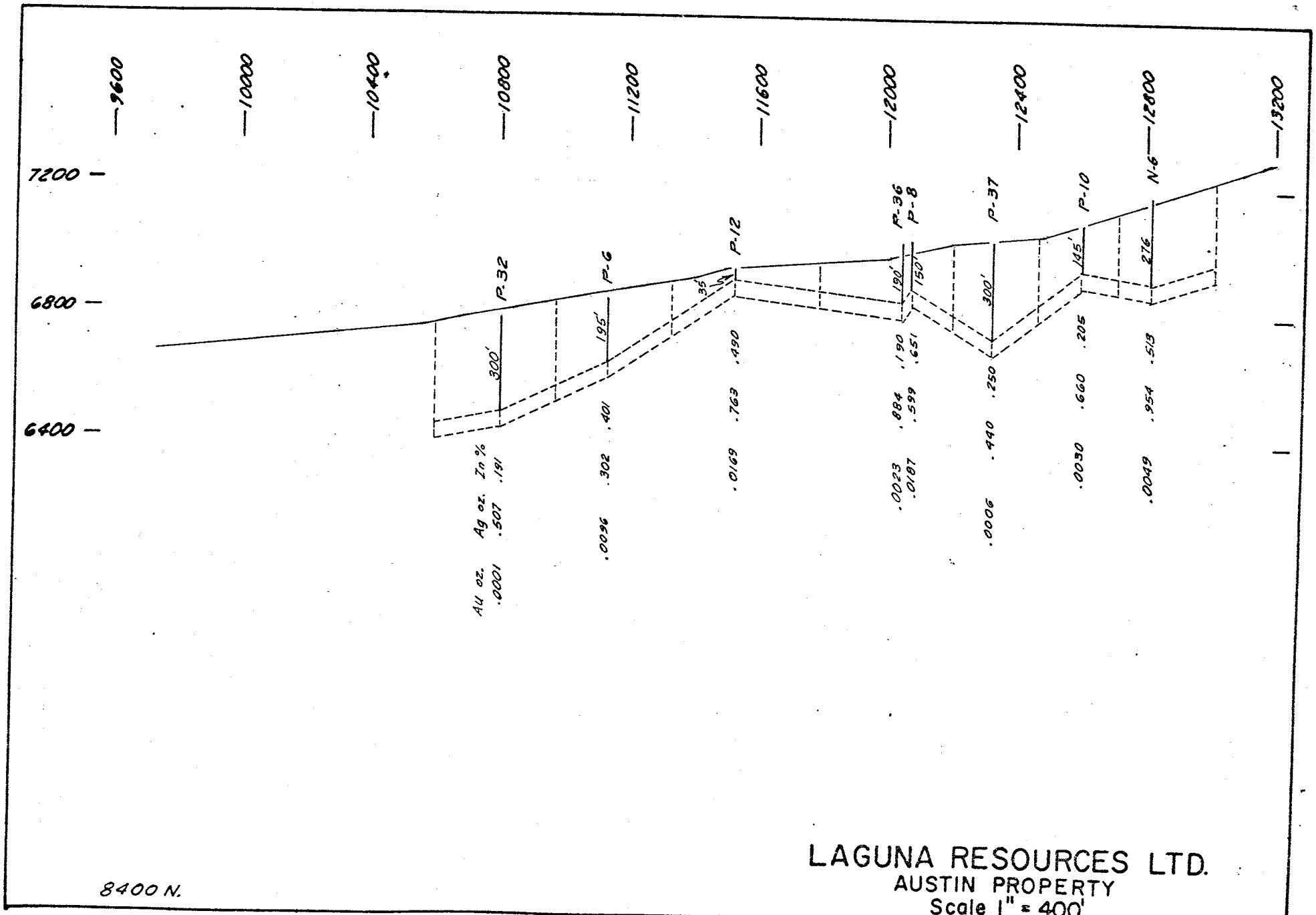

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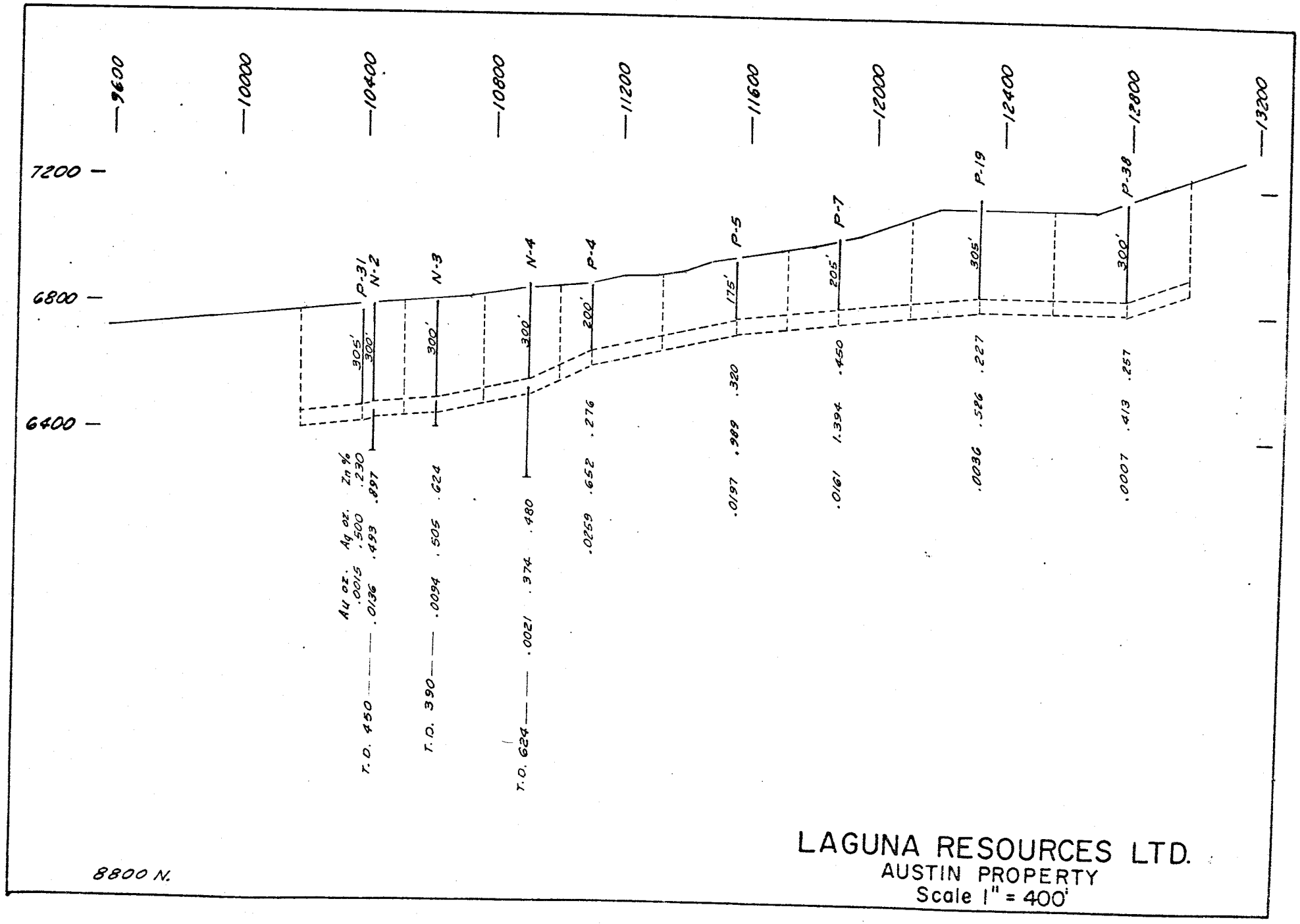

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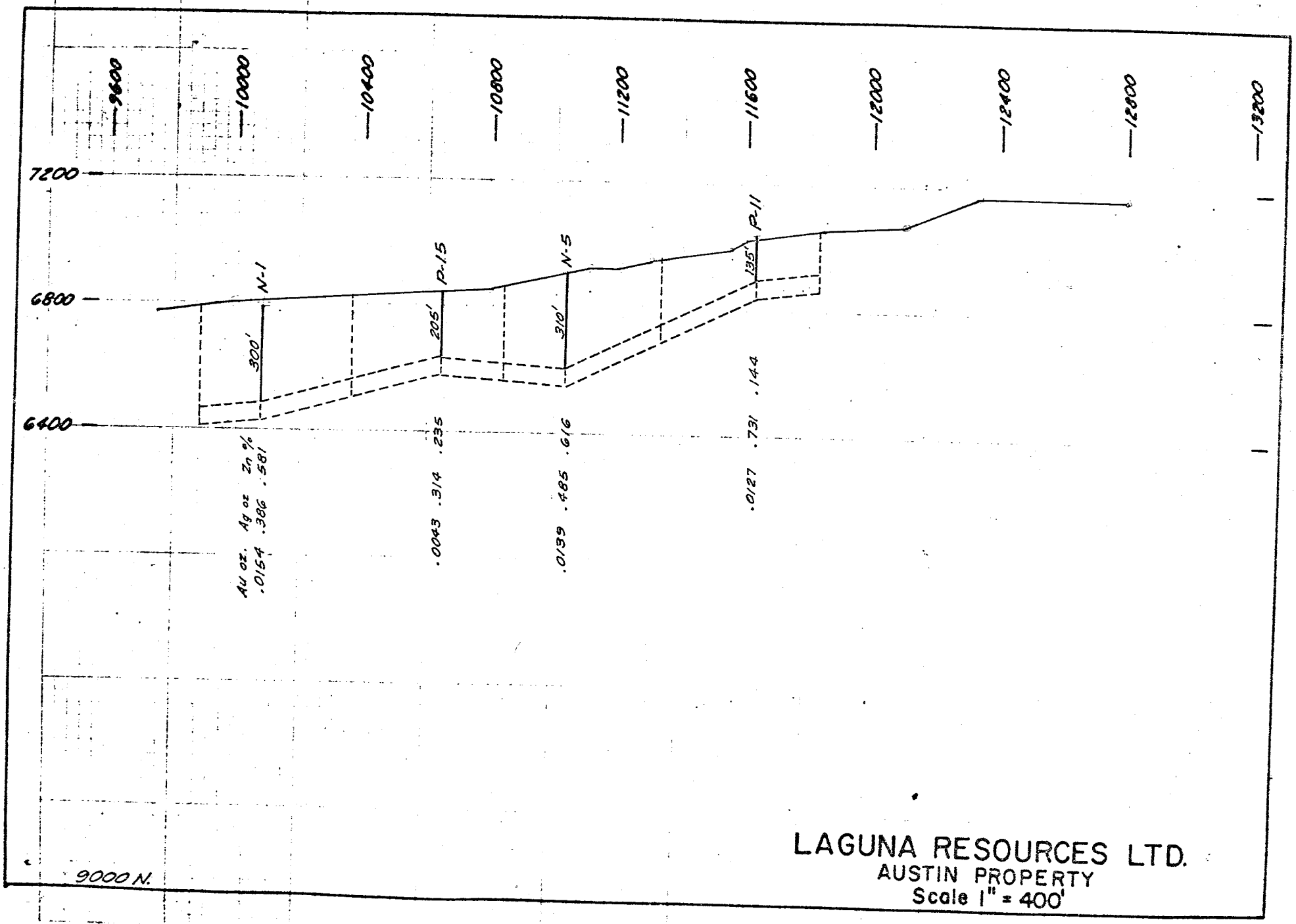

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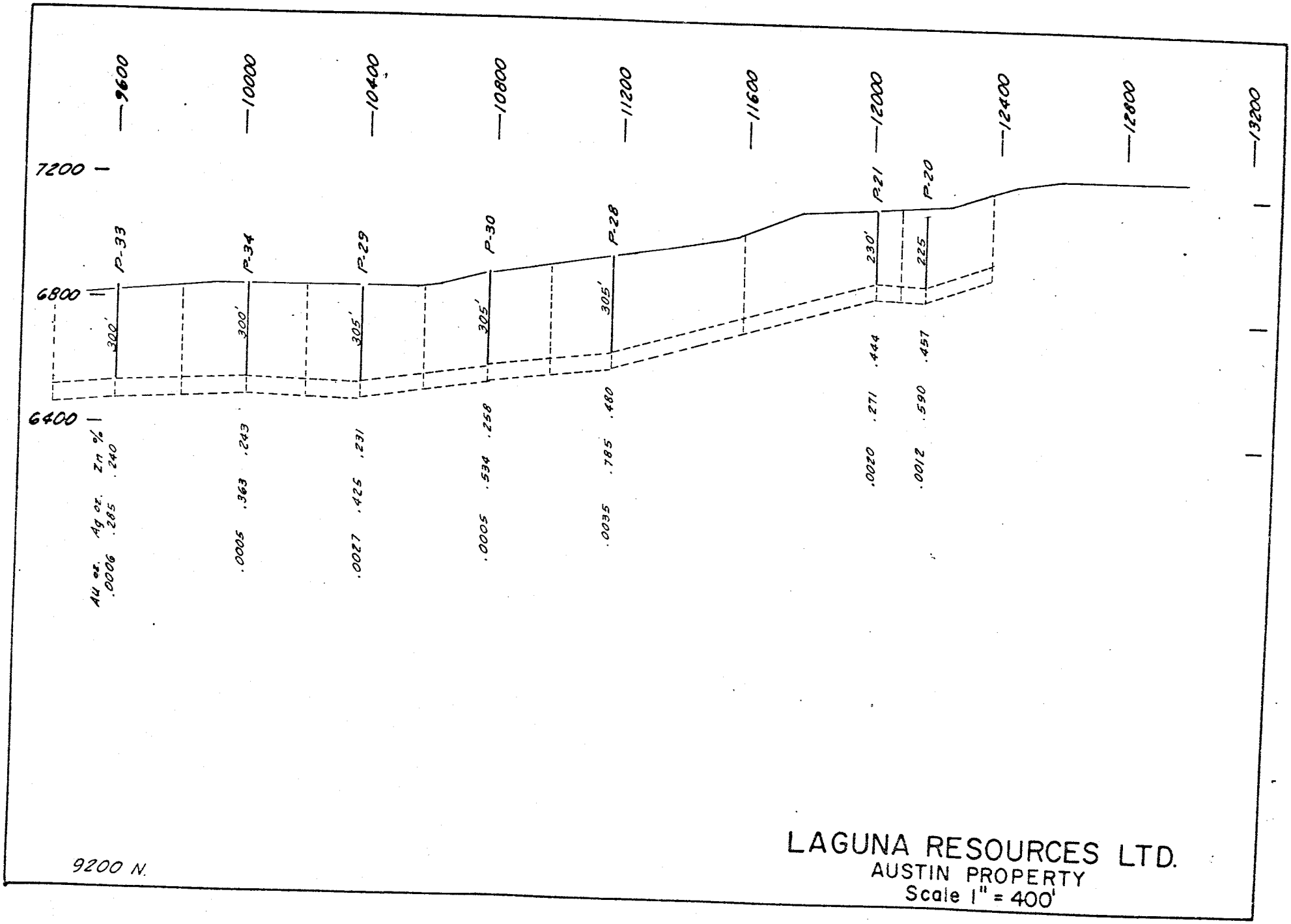

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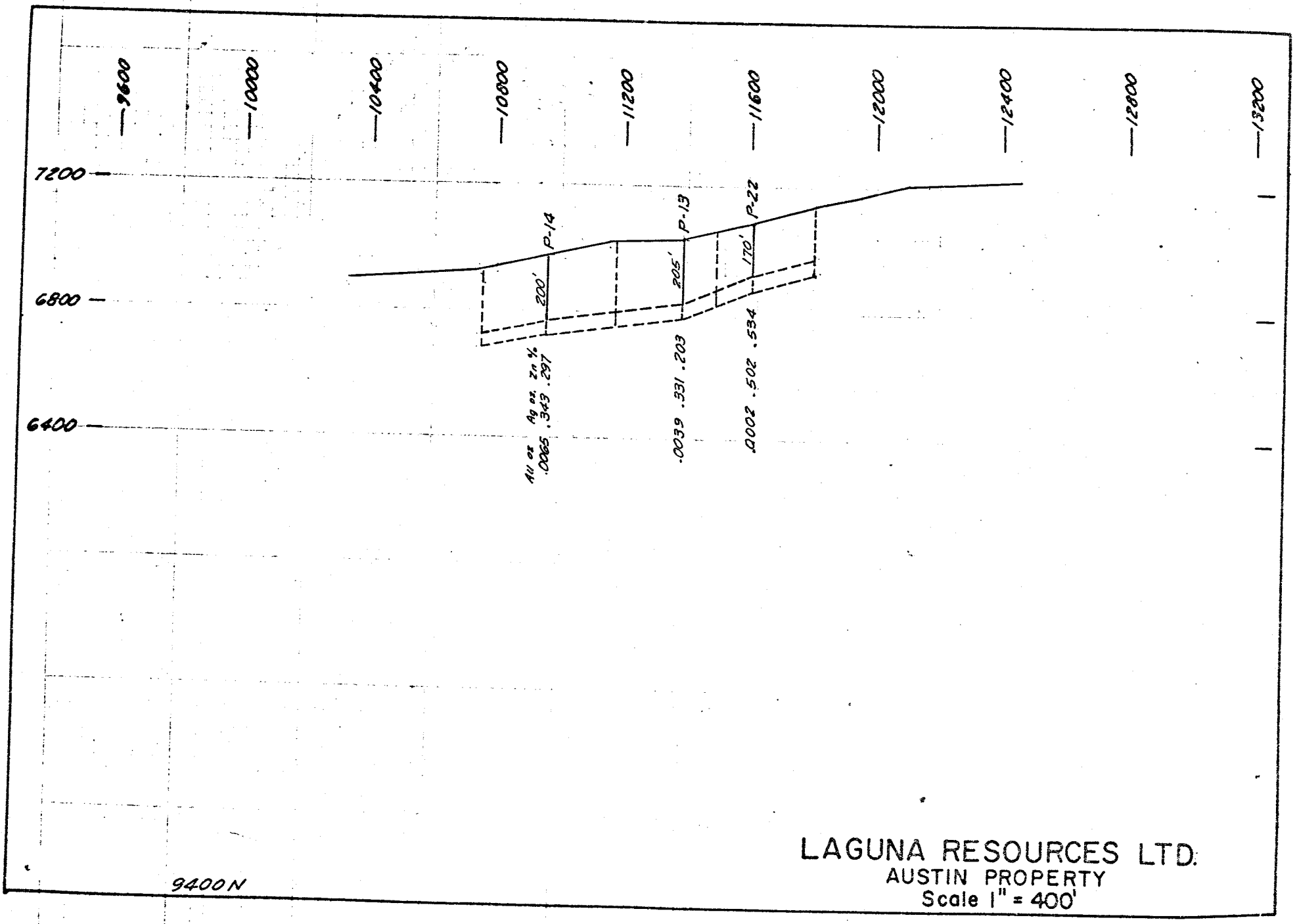

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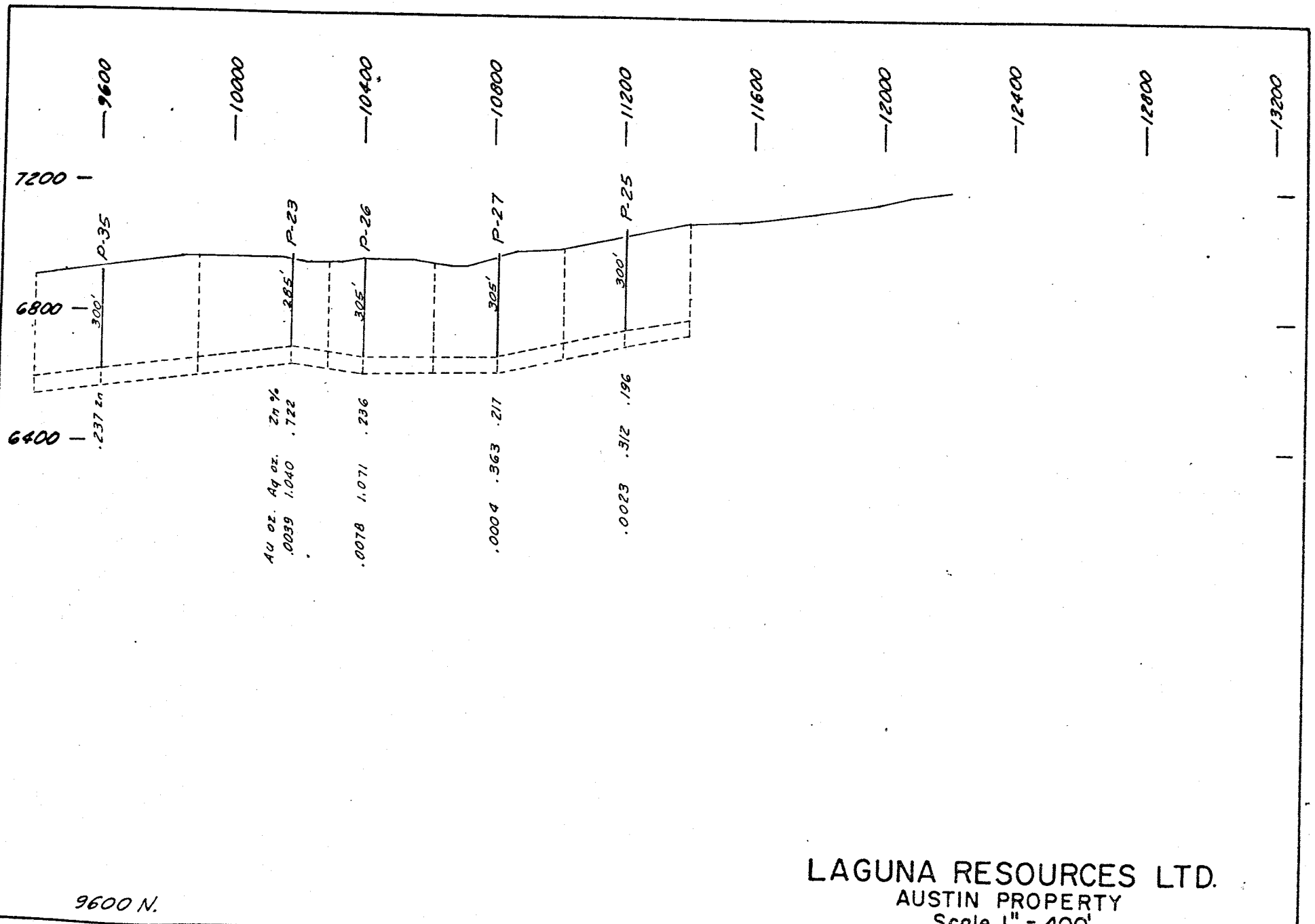
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300'
285'
305'
305'
300'
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Zn %
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.236
.217
.196
Ag oz.
1.040
1.071
.363
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Au oz.
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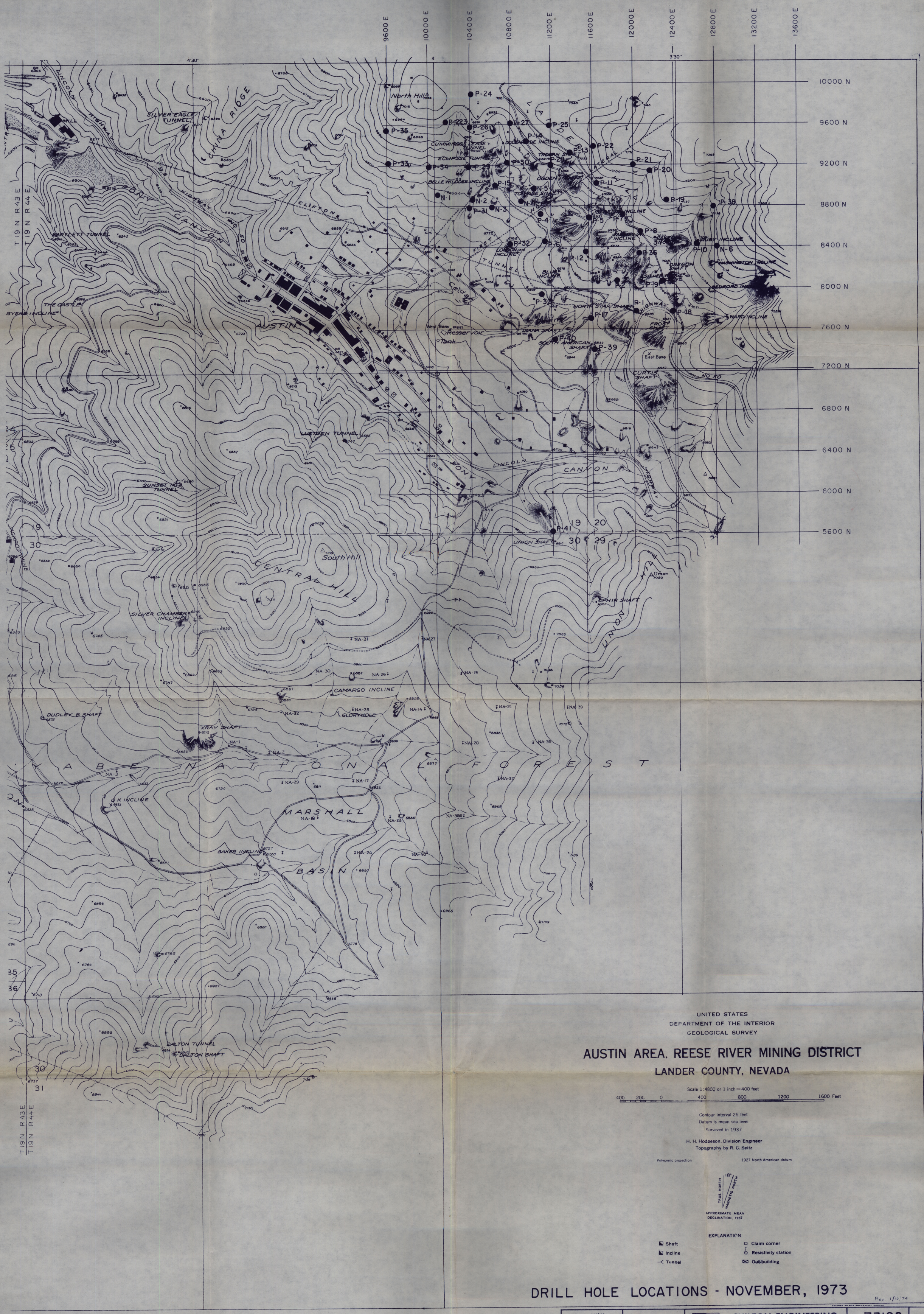
9600 N.
LAGUNA RESOURCES LTD.
AUSTIN PROPERTY
Scale 1" = 400'



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

AUSTIN AREA, REESE RIVER MINING DISTRICT

LANDER COUNTY, NEVADA

Scale 1:4800 or 1 inch = 400 feet

400 200 0 400 800 1200 1600 Feet

Contour interval 25 feet
Datum is mean sea level
Surveyed in 1937

H. H. Hodgeson, Division Engineer
Topography by R. C. Seitz

Polyconic projection — 1927 North American datum

TRUE NORTH — MAGNETIC NORTH — 18°

APPROXIMATE MEAN DECLINATION, 1937

EXPLANATION

- Shaft
- Incline
- Tunnel
- Claim corner
- Resistivity station
- Out-building

DRILL HOLE LOCATIONS - NOVEMBER, 1973

Rev. 1/10/74

DRAWN BY W.A.N.	APPROVED BY	CHILTON ENGINEERING 421 COURT STREET ELKO, NEVADA	73126
JOB NO.	DATE Nov. 24, 1973		

38900117

Drill Hole No.	Elevation	Coordinates
P-1	6934.8	7793.40 N.
		12015.99 E.
P-2	6913.1	8080.05 N.
		11854.43 E.
P-3	6889.1	7905.19 N.
		11101.36 E.
P-4	6867.6	8727.69 N.
		11107.60 E.
P-5	6936.0	8683.59 N.
		11567.13 E.
P-6	6843.3	8460.86 N.
		11132.17 E.
P-7	7028.2	8712.47 N.
		11890.78 E.
P-8	7029.1	8551.71 N.
		12045.91 E.
P-9	7013.33	8047.78 N.
		12281.05 E.
P-10	7090.22	8425.27 N.
		12408.47 E.
P-11	7041.2	9018.50 N.
		11636.08 E.
P-12	6942.9	8561.53 N.
		11823.53 E.
P-13	7035.4	9314.96 N.
		11382.18 E.
P-14	6987.1	9438.43 N.
		10958.74 E.
P-15	6845.7	9003.48 N.
		10650.86 E.
P-17	6861.5	7974.40 N.
		11393.88 E.
P-18	6992.6	7789.43 N.
		12389.99 E.
P-19	7152.5	8852.78 N.
		12880.16 E.
P-20	7122.8	9463.85 N.
		12160.58 E.
P-21	7130.1	9189.06 N.
		12000.52 E.
P-22	7104.0	9893.14 N.
		11628.58 E.
P-23	6985.6	9632.76 N.
		10181.45 E.
P-24	7008.7	9899.07 N.
		10405.52 E.
P-25	7062.5	9598.86 N.
		11193.11 E.
P-26	6970.4	9580.63 N.
		10395.57 E.
P-27	6984.03	9610.00 N.
		10814.50 E.
P-28	6968.86	9188.31 N.
		11195.04 E.
P-29	6847.14	9192.86 N.
		10384.53 E.
P-30	6910.23	9212.50 N.
		10769.38 E.
P-31	6782.69	8797.74 N.
		10388.37 E.
P-32	6781.97	8438.15 N.
		10805.70 E.
P-33	6841.67	9218.98 N.
		9604.83 E.
P-34	6851.04	9187.32 N.
		10016.75 E.
P-35	6926.87	9558.79 N.
		9606.66 E.
P-36	7023.6	8346.69 N.
		12046.93 E.
P-37	7027.72	8441.27 N.
		12325.74 E.
P-38	7149.36	8798.44 N.
		12789.11 E.
P-39	6856.83	7801.71 N.
		11610.86 E.
P-40	6838.94	7504.47 N.
		11220.03 E.
P-41	6811.39	8611.19 N.
		11212.26 E.
N-1	6781.0	8917.65 N.
		10086.83 E.
N-2	6792.8	8874.33 N.
		10410.88 E.
N-3	6804.4	8793.20 N.
		10611.85 E.
N-4	6868.8	8643.87 N.
		10905.73 E.
N-5	6917.7	8368.32 N.
		11028.56 E.
N-6	7186.7	8398.67 N.
		12813.34 E.

Surveyed by Jos. M. Bradley and E. M. Austin, Nevada, [illegible]
Additions made from data of survey by Austin Silver Mining Co. [illegible]
March [illegible]
75/06

CLAIM MAP OF THE REESE RIVER MINING DISTRICT, LANDER COUNTY, NEVADA