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ITEM 44

REPORT ON THE

NEW ESMERALDA GROUP OF CLAIMS

BELONGING TO THE CAIN CONS. GOLD MINES CO.,

AURORA, NEVADA

SPURR & COMPANY

SUMMARY

The New Esmeralda group of the Cain Consolidated Company lies about three miles northeast of Aurora, being separated from the Humboldt-Juniata area by about two miles of wash and cap[illegible]k. It consists of four claims, covering a zone of strong veins. These veins have the same andesite for country rock as in the main area. Pleistocene basalt, later than the veins, surrounds the area.

So far as developed, the chief values lie along the northwestern wall of the extreme northwestern vein of the zone, and these almost entirely in a limited extent of strike, the shoot having been determined by the junction of a diagonal branch with the vein referred to.

An inclined shaft goes down on the ore-shoot for some 110 feet, with drifts running along the vein for about 75 or 80 feet. There is also, further south a drift-tunnel which runs in along the same vein, exposing it for a length of 130 feet, in a portion entirely south of the shaft workings. A cross-cut tunnel runs in and taps the vein at a point a little distance north of the shaft, under a portion of the vein which shows some good values at the surface.

The vein in the drift-tunnel shows an average value of $1.91 for an average width of 1.06 meters. In the cross-cut tunnel the vein has an average value of $2.88 for a width of 1.17 m. (= 5.5 feet). Neither of these is available as ore.

Assays on the first level of the shaft workings (26 feet below the surface), show an average value of $10.32, with an average width of 1.01 m., (3.3 feet) for a length of 82 feet; on the 2nd level, an average of $15.09 for an average width of 0.93 m. (3. feet) and a length of 52. feet. There are here no ore-reserves--these values represent ore already extracted. On the 3rd level, there is an average value of $5.16, for an average width of 1.07 m. (3.5 feet) and in the shaft below the 3rd level, an average of $4.44 with a width of 1.33 m. (4.4 feet). These two last averages appear to represent the available ore, unstoped, and this grade of ore would probably not return any profit.

The increased values near the surface are probably due to the enriching effects of atmospheric agencies, which have doubled or trebled the original value of the ore, for a distance of 60 - 70 feet from the surface.

Some fill, in the old stopes, and a few small dumps, figure out a small profit, amounting in all to $5020.75. This would only be available were there a large mill running on the Humboldt. mine. By itself, the New Esmeralda has no profit in sight whatever; and apart ~~ex~~ from this trifling amount, there are no ore-reserves in sight, nor any promising places for development known. At present, therefore, the group cannot be considered as an asset.

LIST OF MAPS

SPURR & COMPANY

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LOCATION AND DESCRIPTION

The New Esmeralda group of the Cain Consolidated Company lies about three miles northeast of Aurora, being separated from the Humboldt-Juniata area by about two miles of wash and post-mineral lava cap-rock.

It consists of four claims, as shown on the accompanying map, each claim being 600 by 1500 feet. These claims cover a parallel zone of strong quartz veins, similar in appearance to the Humboldt and other veins of this class.

GENERAL GEOLOGY

The veins lie in andesite, and in this as in other respects conform to the veins in the main Aurora area.

This New Esmeralda area is entirely surrounded by the post-mineral Pleistocene basalt, under which the veins plunge, following the strike.

In the pre-basalt topography the outcrop of the veins stood boldly up above the surface, as at present. Therefore where the basalt covering is thin, it may cover the wall-rock (andesite) completely, but the quartz reefs may project here and there above the basalt. This fact has led to the discovery and location of veins in the basalt-covered area; and once discovered, it is easy to follow the veins beneath the capping.

The veins strike about N 35° E and dip steeply southeast.

So far as developed, the chief values lie along the northwest wall of the extreme northwestern vein of the zone, and these almost entirely along a limited extent of strike, the ore-shoot evidently having been determined by the junction of a diagonal branch of this vein zone with the northwestern vein referred to. The ore consists of bluish quartz in tiny bands, occupying a zone of a few inches wide. This quartz is high-grade, running often $20 - $30., while the rest of the vein at this point only runs a fraction of this amount.

EXTENT OF DEVELOPMENT

On the ore-shoot an inclined shaft has been sunk for about 35 meters (around 110 feet) on the vein, with workings southerly along the vein for about 75 or 80 feet, down to a depth of about 80 feet, below which there are no workings. (Map No.)

There is also a drift tunnel, further south, which runs in along the same vein, exposing it for a length of 40 meters (130 feet) in a portion entirely south of the shaft workings. (Map No.)

There is also a cross-cut tunnel, which runs in, in a southeasterly direction, and cuts this and other veins, and does some drifting on this vein. Neither of the tunnels,

however, have developed any ore, either on this vein or the others, practically all the ore developed on the vein-zone, apparently, being in the shaft workings.

LIST OF ASSAYS

Assays on New Esmeralda Vein

Sample No.	Length of Meters	Location and Description	Grams Gold per T	Grams Silver per T.	Value Gold	Value Silver	Total Value per T.
		Surface					
939	-	Dump of West Tunnel	2.25	11	$ 1.50	$0.19	$ 1.69
940	-	Lower dump of shaft	7.87	34	5.23	0.58	5.81
941	-	Upper " " "	19.25	66	12.80	1.12	13.92
942	-	Dump of Open-cut	11.50	48	7.64	0.82	8.46
		West Tunnel					
943	0.75	Face of Tunnel	3.50	16	2.31	0.27	2.58
944	0.55	" " "	1.50	27	0.99	0.46	1.45
945	1.35	3M. from face of Tunnel	1.50	9	0.99	0.15	1.14
946	1.15	6M. " " " "	5.00	14	3.32	0.24	3.56
947	1.05	9M. " " " "	3.25	15	2.16	0.25	2.41
948	1.20	12M " " " "	4.00	11	2.66	0.19	2.85
949	1.40	15M. " " " "	0.75	5	0.50	0.08	0.58
950	1.10	18M. " " " "	0.50	4	0.33	0.07	0.40
951	1.45	21M " " " "	1.50	6	0.99	0.10	1.09
952	1.10	24M " " " "	1.00	5	0.66	0.08	0.74
953	1.20	27M " " " "	1.75	7	1.16	0.12	1.28
954	1.20	30M " " " "	5.75	32	3.82	0.54	4.36
955	1.15	33M " " " "	2.50	16	1.66	0.27	1.93
956	0.90	36M " " " "	4.37	11	2.91	0.19	3.10
957	0.35	39M " " " "	1.75	8	1.16	0.14	1.30
958	0.55	L.X-Cut - 1st Vein	0.50	4	0.33	0.07	0.40
959	0.60	" " " 2nd "	0.75	3	0.50	0.05	0.55
960	0.55	9M. from mouth	2.87	7	1.91	0.12	2.03
		Shaft Workings					
961	1.20	Stope Level	13.50	45	8.96	0.76	9.72
962	1.00	" "	14.25	51	9.48	0.87	10.35
963	1.15	" "	17.00	71	11.30	1.21	12.51
964	1.15	" "	14.75	39	9.81	0.66	10.47
965	0.60	" "	25.37	84	16.87	1.43	18.30
966	0.75	" "	23.75	57	15.79	0.97	16.76
967	1.20	" "	2.50	7	1.66	0.12	1.78
968	1.00	" "	12.12	41	8.06	0.70	8.76
969	1.35	As. Shaft Surface	19.37	61	12.88	1.04	13.92

Sample No.	Length in Meters	Location and Description	Grams Gold per T	Grams Silver per T.	Value Gold	Value Silver	Total Value per T.
970	1.45	3 M. from shaft	9.12	33	$ 6.06	$0.56	$6.62
971	1.25	Open stope	5.75	23	3.82	0.39	4.21
972	1.00	" "	7.12	26	4.73	0.44	5.17
973	1.00	" "	9.75	21	6.48	0.36	6.84
974	1.25	" "	14.00	66	9.31	1.12	10.43
975	1.05	" "	26.00	96	17.29	1.63	18.92
		Second Level					
976	1.00	In Winze	11.75	34	7.81	0.58	8.39
977	1.00	" "	6.25	31	4.16	0.53	4.69
978	1.30	Floor 14M. from shaft	24.50	71	16.29	1.21	17.50
979	1.30	" 11M." "	33.50	97	22.26	1.65	23.91
980	1.50	" 8M " "	12.75	52	8.48	0.88	9.36
981	0.50	" 5M " "	19.37	52	12.88	0.88	13.76
982	0.50	" 2M " "	12.00	42	7.98	0.71	8.69
983	0.80	Shaft at 2nd Lev	0.75	20	0.50	0.34	0.84
984	0.50	" " " "	12.37	46	8.23	0.78	9.01
		Third Level					
985	0.90	Face of Drift	12.25	42	8.15	0.71	8.86
986	0.80	18 M. from shaft	5.37	16	3.57	0.27	3.84
987	0.70	15 M " "	8.87	30	5.90	0.51	6.41
988	1.10	12 M " "	3.75	14	2.49	0.24	2.73
989	1.50	9 M " "	11.62	46	7.72	0.78	8.50
990	1.25	6 M " "	4.87	19	3.24	0.32	3.56
991	1.20	3 M " "	6.50	26	4.32	0.44	4.76
992	0.95	Shaft 2 M from bottom	5.75	18	3.82	0.31	4.13
993	1.35	" 5 M " "	9.50	35	6.31	0.59	6.90
994	1.70	" 8 M " "	4.62	13	3.07	0.22	3.29
995	0.90	Face 4th Level	0.25	2	0.17	0.03	0.20
996	-	Sample of fill block 2nd Lev.	22.50	69	14.96	1.17	16.13
997	-	Shaft Dump Upper vein	4.50	20	2.99	0.34	3.33
		East Tunnel					
998	0.50	2M. from face	3.12	7	2.07	0.12	2.19
999	0.50	2M. " "	1.12	3	0.74	0.05	0.79
1000	0.50	5.5M " "	1.87	7	1.24	0.12	1.36
1001	0.50	5.5M " "	2.25	7	1.50	0.12	1.62
1002	0.55	11.5 M " "	0.50	2	0.33	0.03	0.36
1003	0.45	11.5 M " "	0.50	2	0.33	0.03	0.36
1004	0.95	18 M " "	2.50	13	1.66	0.22	1.88
1005	0.80	18 M " "	2.75	11	1.83	0.19	2.02
1006	1.40	21.5 M " "	0.50	2	0.33	0.03	0.36

Sample No.	Length in Meters	Location and Description	Grams Gold per T	Grams Silver per T	Value Gold	Value Silver	Total Value per T
1007	1.35	21.5M from face	0.25	3	0.17	0.05	0.22
1008	2.00	Next to 1006 No.	0.50	2	0.33	0.03	0.36
1009	1.90	" " 1008 "	0.25	3	0.17	0.05	0.22
1010	1.50	" " 1009 "	tr.	1	0.00	0.02	0.02
1011	0.90	" " 1010 "	0.25	4	0.17	0.07	0.24
1012	1.50	" " 1011 "	1.87	6	1.24	0.10	1.34
1013	1.00	Opposite 1010 S	0.50	2	0.33	0.03	0.36
1014	1.00	" " "	0.25	3	0.17	0.05	0.22
1015	1.50	" 1012 "	3.00	15	1.99	0.25	2.24
1016	0.75	33M N from face	0.50	3	0.33	0.05	0.38
1017	0.75	" S " "	tr.	tr.	0.00	0.00	0.00
1018	0.35	47.5 N from"	1.75	4	1.16	0.07	1.23
1019	0.35	47.5 S " "	0.75	3	0.50	0.05	0.55
1020	1.00	Drift of tunnel	4.75	23	3.16	0.39	3.55
1021	1.20	" " "	1.50	7	0.99	0.12	1.11
1022	1.15	" 2M R of"	2.25	8	1.50	0.14	1.64
1023	1.30	" 5M " " "	9.62	38	6.39	0.65	7.04
1024	1.25	" 8M " " "	1.75	10	1.16	0.17	1.33
1025	1.00	"11M " " "	3.37	22	2.24	0.37	2.61
1026	1.00	"11M " " "	2.25	14	1.50	0.24	1.74
1027	1.15	Left X-cut	0.25	3	0.17	0.05	0.22
1028	1.65	Drift 14M from tunnel	1.75	7	1.16	0.12	1.28
1029	1.05	" 17M from tunnel	2.50	9	1.66	0.15	1.81
1030	1.00	" 21M from tunnel	5.50	22	3.65	0.37	4.02

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Sample No.	Length in Meters	Location and Description	Grams Gold per T	Grams Silver per T	Value Gold	Value Silver	Total Value per T
1031	1.00	Drift 23.5M from tunnel	1.25	8	0.83	0.14	0.97
1032	1.00	Left x-cut	1.50	8	0.99	0.14	1.13
1033	1.00	" "	1.25	5	0.83	0.08	0.91
1034	1.60	" "	1.37	6	0.91	0.10	1.01
1035	1.60	" "	1.75	8	1.16	0.14	1.30
1036	----	Dump 1st prospect up vein	1.00	4	0.66	0.07	0.73
1037	1.40	2nd Prospect up vein	0.25	3	0.17	0.05	0.22
1038	1.05	" " "	1.25	4	0.83	0.07	0.90
1039	1.50	3rd " "	0.75	2	0.50	0.03	0.53
1040	1.60	Entrance West Tunnel	0.50	3	0.33	0.05	0.38

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CALCULATIONS OF VALUES AND TONNAGES

New Esmeralda

Lower Drift Tunnel (Furthest S.W.)

	Sample No.	Au Gr	Ag Gr	Au Val	Ag Val	Total Value	Width Meters
Face (Black gouge)	(943	3.5	16	$2.31	0.27	2.58	0.75
	(944	1.5	27	0.99	0.46	1.45	0.55
	(945	1.5	9	0.99	0.15	1.14	1.35
	(946	5.0	14	3.32	0.24	3.56	1.15
North-West Vein	(947	3.25	15	2.16	0.25	2.41	1.05
	(948	4.00	11	2.66	0.19	2.85	1.20
	(949	0.75	5	0.50	0.08	0.58	1.40
	(950	0.50	4	0.33	0.07	0.40	1.10
	(951	1.50	6	0.99	0.10	1.09	1.45
	(952	1.00	5	0.66	0.08	0.74	1.10
	(953	1.75	7	1.16	0.12	1.28	1.20
	(954	5.75	32	3.82	0.54	4.36	1.20
	(955	2.50	16	1.83	0.20	2.03	1.15
	(956	4.37	11	2.91	0.19	3.10	0.90
	(957	1.75	8	1.16	0.14	1.30	0.35
							15)15.90
							1.06 m. av.
South-East Vein	960	2.87	7	1.91	0.12	2.03	

2.58 x 0.75 = 1.9350
1.45 x 0.55 = .7975
1.14 x 1.35 = 1.5390
3.56 x 1.15 = 4.094
2.41 x 1.05 = 2.5305
2.85 x 1.20 = 3.420
0.58 x 1.40 = .8120
0.40 x 1.10 = .440
1.09 x 1.45 = 1.5805
0.74 x 1.10 = 0.8100
1.28 x 1.20 = 1.5360
4.36 x 1.20 = 5.232
2.03 x 1.15 = 2.3345
3.10 x 0.90 = 2.79
1.30 x 0.35 = .455
15.90)30.3060
$1.91 av. value—av. width 1.06 meters.
Not available as ore.

New Esmeralda

Cross-cut Tunnel

Northwest Vein — Assays of Northwestern Portion of Vein Only

Sample No.	Au gr	Ag gr	Au Val	Ag Val	Total Value	Width	
1020	4.75	23	3.16	0.39	3.55	x 1.00	= 3.55
1022	2.25	8	1.50	0.14	1.64	x 1.15	= 1.886
1023	9.62	38	6.39	0.65	7.04	x 1.30	= 9.152
1024	1.75	10	1.16	.17	1.33	x 1.25	= 1.6625
1025	3.37	22	2.24	.37	2.61	x 1.00	= 2.61
1028	1.75	7	1.16	.12	1.28	x 1.65	= 2.112
1029	2.50	9	1.83	.15	1.98	x 1.05	= 2.079
1030	5.50	22	3.65	.37	4.02	x 1.00	= 4.02
						9.40	)27.0715
1031	1.25	8	0.83	.14	0.97	1.00	$2.88 av. val.

8)9.40
1.17 m. average width
= 5.5 feet

not available as ore at present. Rest of vein is lower grade.

The other veins cut in this lower tunnel all show gold and silver in weighable quantities, but nothing approaching possible ore.

Shaft Workings

1st Level -- 8 m. below surface.
(26 ft)

Sample No.	Au gr	Ag gr	Au Val	Ag Val	Total Value	Width cut meters	
961	13.50	45	8.96	0.76	9.72	x 1.20 =	11.664
962	14.25	51	9.48	0.87	10.35	x 1.00 =	10.35
963	17.00	71	11.30	1.21	12.51	x 1.15 =	14.3865
964	14.75	39	9.81	0.66	10.47	x 1.15 =	12.0405
965	25.37	84	16.87	1.43	18.30	x 0.60 =	10.98
966	23.75	57	15.79	0.97	16.76	x 0.75 =	12.57
967	2.50	7	1.83	0.12	1.95	x 1.20 =	2.34
968	12.12	41	8.06	0.70	8.76	x 1.00 =	8.76
						8)8.05	)83.0910
						1.01 m.	10.32 av val.
						av. width	

These samples represent the value of ore already stoped; they do not represent ore-reserves.

Length of shoot 25 m. = 82 feet.

2nd Level -- 18 m. below surface.
(59 ft)

Sample No.	Au gr	Ag gr	Au Val	Ag Val	Total Value	Width Meters	
978	24.50	71	$16.29	1.21	$17.50	x 1.30 =	22.75
979	33.50	97	22.26	1.65	23.91	x 1.30 =	32.083
980	12.75	52	8.48	.88	9.36	x 1.50 =	14.04
981	19.00	52	12.63	.88	13.51	x 0.50 =	6.755
982	12.00	42	7.98	.71	8.69	x 0.50 =	4.345
984	12.37	46	8.31	.78	9.09	x 0.50 =	4.545
						6)5.60	)84.518
						0.93m	$15.09
						av. width	av. value

Length of shoot about 16 m. = 52 feet.
These values represent ore already extracted -- not ore-reserves.

3rd Level -- 24 m. below surface
(79 feet)

Sample No.	Au gr	Ag gr	Au Val	Ag Val	Total Value	Width
985	12.25	42	$8.15	0.71	$8.86	x 0.90 = 7.974
986	5.37	16	3.57	0.27	3.84	x 0.80 = 3.072
987	8.87	30	5.90	0.51	6.41	x 0.70 = 4.487
988	3.75	14	2.49	0.24	2.73	x 1.10 = 3.003
989	11.62	46	7.72	0.78	8.50	x 1.50 =12.750
990	4.87	19	3.24	0.31	3.55	x 1.25 = 4.4375
991	6.50	26	4.32	0.44	4.76	x 1.25 = 5.9510
						7)7.50)38.6745
						1.07 $5.16 av
						m. av.width value

Shaft Samples on Vein, below 3rd Level

992	5,75	18	3.82	0.31	4.13	x 0.95 = 3.9235
993	9.50	35	6.31	0.59	6.90	x 1.35 = 9.315
994	4.62	13	2.40	0.22	2.66	x 1.70 = 4.522
						3)4.00)17.7605
						1.33 $4.44 av.
						m.av.width value

NEW ESMERALDA

Shaft Workings

Fill in Stope (between 1st and 2nd levels)

Length 22 m. x Height 10 m. x Width 6.97 m. = 213.4 cu m x sp.gr 1.5 = 320 tons

Sample No.	Au gr	Ag gr	Au Val	Ag Val	Total assay value	Total Recov value	Est Cost per ton	Net Profit net ton
996	22.50	69	$15.13	1.17	16.30	15.07	3.50	11.57

320 tons x $11.57 = $3702.40 total net profit.

Dumps

Upper Dump from Shaft

S. No.	Au gr	Ag gr	Au Val	Ag Val	Total assay value	Total recov value	Est.cost per ton	Net profit per ton
941	19.25	66	$12.80	1.12	13.92	12.83	3.50	$9.33

Tons 90 x $9.33 = $839.70 total net profit.

Lower Dump from Shaft

940	7.87	34	$5.23	0.58	5.81	5.31	3.50	1.81

Tons 65 x $1.81 = $117.65

Dump from open cut Northeast of Shaft: $150.15 total net profit.

942	11.50	48	7.64	0.99	8.63	7.85	3.50	4.35

Tons 60 x $4.35 = $261.00 total net profit.

Dump from Drift Tunnel

Sample No.	Au gr	Ag gr	Au Val	Ag Val	Total Val
939	2.25	11	1.50	19	$1.69

50 tons

No value as ore.

Upper Shaft Dump

(Above shaft with workings, and on different vein).

997	4.50	20	2.99	0.34	$3.33

Estimated cost $3.00

Not available.

SUMMARY OF VALUES AND PROFITS

	Tons	Assay Value	Recov. Value	Cost	Profit per ton	Net profit
Fill in shaft workings	320	16.30	15.07	3.50	11.57	$3702.40
Upper Dump Main Shaft	90	13.92	12.83	3.50	9.33	839.70
Lower Dump Main Shaft	65	5.81	5.31	3.50	1.81	117.65
Dump Open-cut n.e.of Shaft	60	8.63	7.85	3.50	4.35	261.00
					Total - - - - -	$5020.75

CONCLUSIONS

There is a large amount of gold thinly disseminated in the quartz on the New Esmeralda property, which frequently runs up into values of a dollar or two per ton, but cannot be considered as possible ore.

Only one ore-body has so far been discovered -- a narrow shoot, about 1 meter (3 feet) wide, and extending 75 or 80 feet along the strike. For the first 60 or 70 feet below the surface, this shoot evidently yielded ore running from $10 - $15 per ton. Below that level, the values dropped abruptly to $5.00 per ton or less, which with the limited stoping width, does not constitute an available ore. The increased values near the surface are evidently abnormal, and due to the concentration of gold near the surface, by atmospheric agencies. We have in this case the best measure of this process observed in the district, for as a rule

the surface ores have been so cleanly extracted that there is nothing left to assay. The rule may be formulated from this instance and others, that a surface ore-shoot indicates a primary ore-shoot in depth, but that the values in the latter may be only one-half or one-third those of the former; and these values may be looked to replace the enriched values at a depth of 60 - 70 feet.

The same lesson is taught by the small open cut on the same vein, a short distance northeast of the shaft. The dump from this open cut averages $8.63; and the long cross-cut tunnel was driven under this outcrop, and the ore-shoot was drifted on, probably 100 feet below the outcrop. What is probably the same shoot was here encountered, averaging $2.88--about one-third of the surface values.

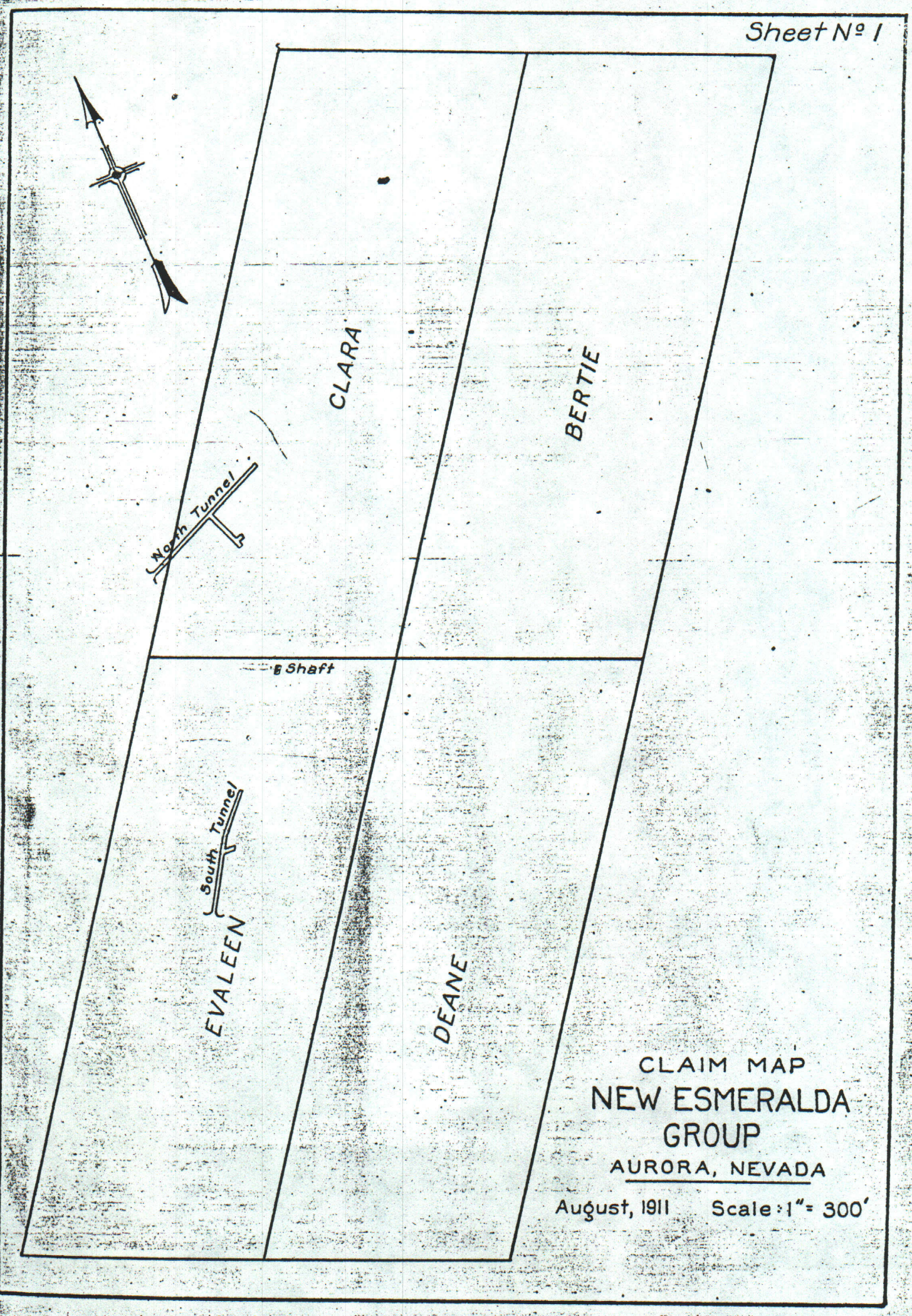
Apart from the estimated $5,000 profit from dumps and fill, therefore, the New Esmeralda has no ore-reserves in sight, nor any known ore-body which encourages development. It cannot be considered, therefore, as an asset at present.

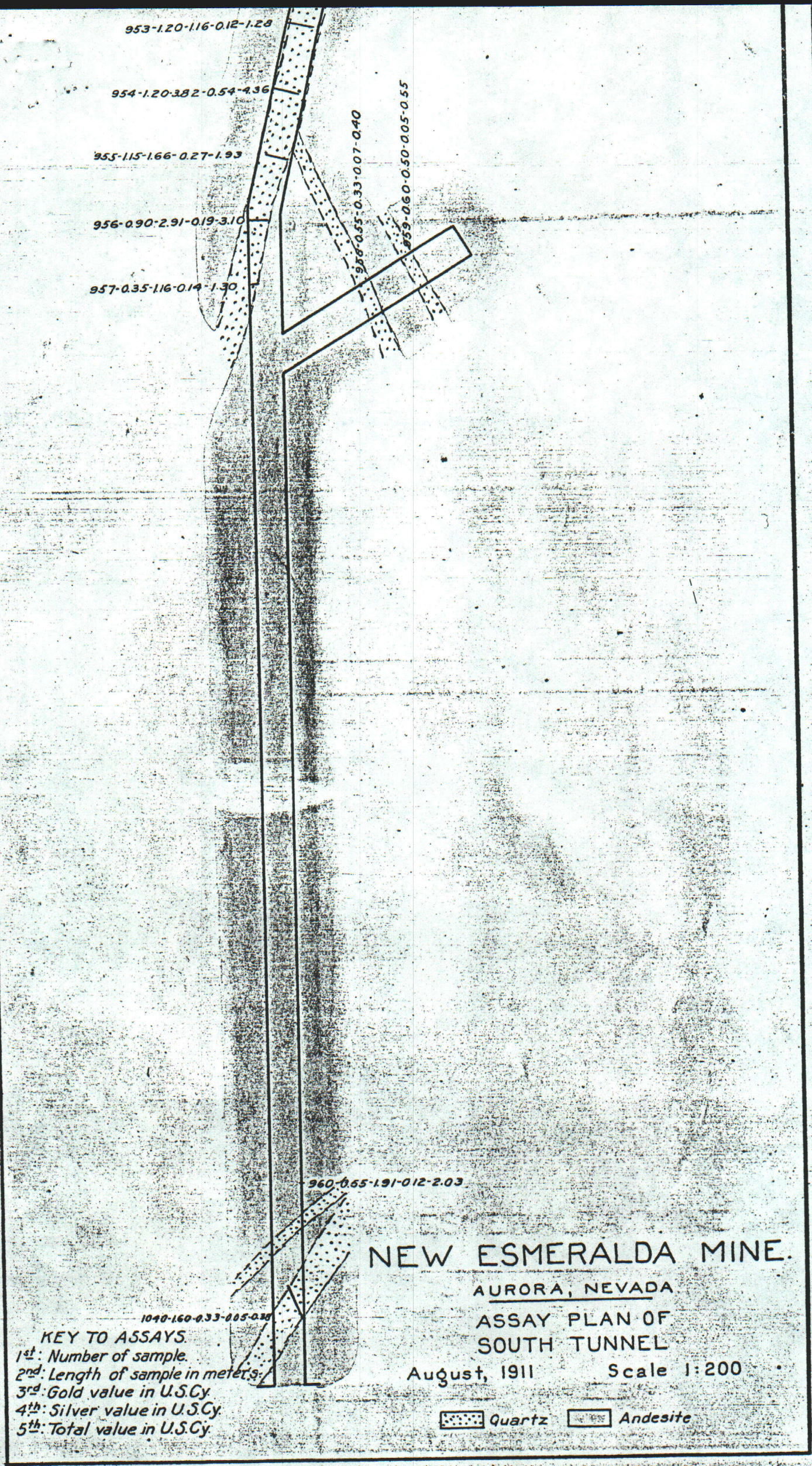
SPURR & COMPANY

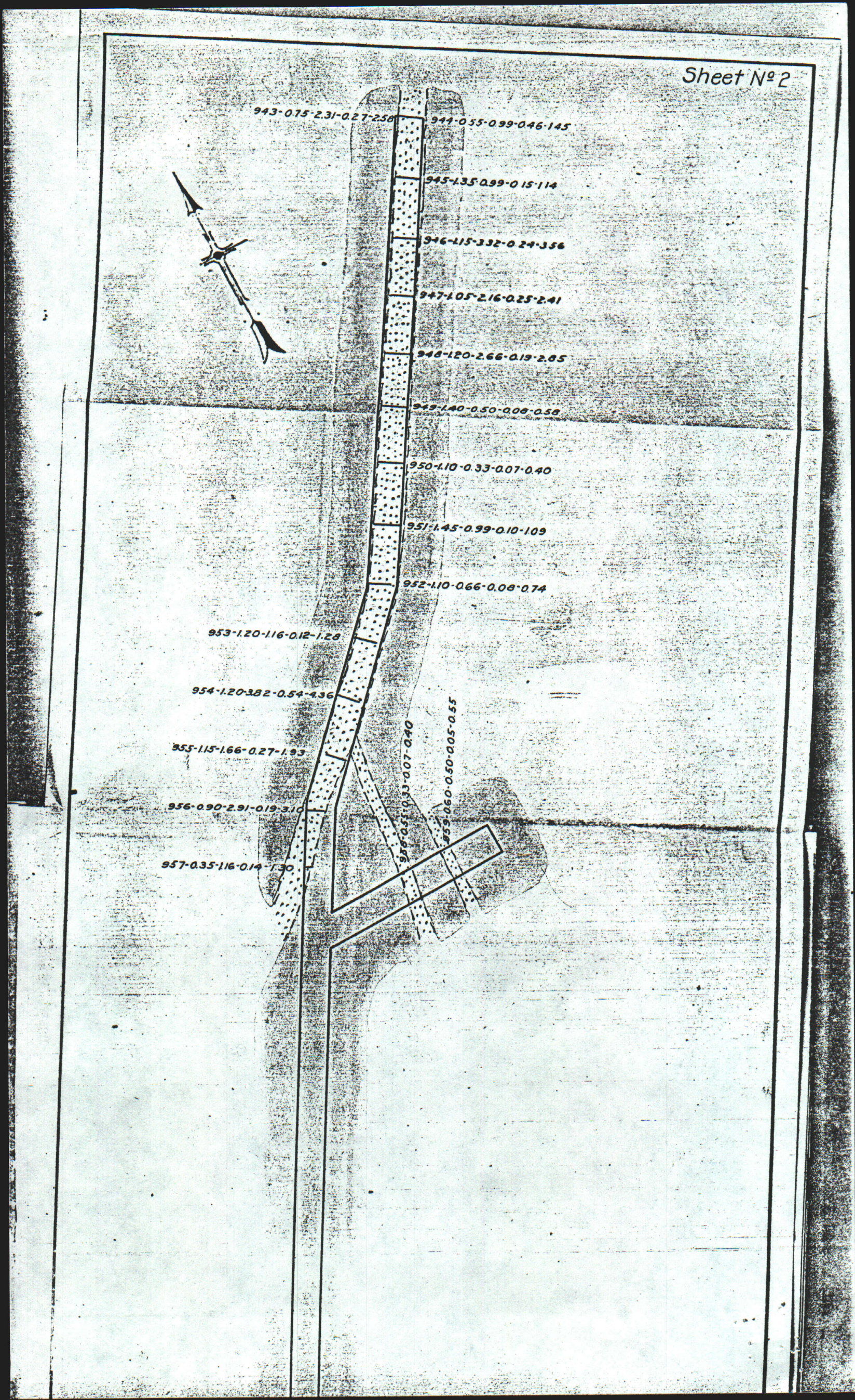
by ORIGINAL SIGNED
J. E. SPURR

August 1911

CLAIM MAP
NEW ESMERALDA
GROUP
AURORA, NEVADA


Sheet No 1
CLARA
BERTIE
North Tunnel
Shaft
South Tunnel
EVALEEN
DEANE
CLAIM MAP
NEW ESMERALDA
GROUP
AURORA, NEVADA
August, 1911
Scale: 1" = 300'


953-1.20-1.16-0.12-1.28
954-1.20-3.82-0.54-4.36
955-1.15-1.66-0.27-1.93
956-0.90-2.91-0.19-3.10
957-0.35-1.16-0.14-1.30
958-0.55-0.33-0.07-0.40
959-0.60-0.50-0.05-0.55
960-0.65-1.91-0.12-2.03
1040-1.60-0.33-0.05-0.38
NEW ESMERALDA MINE.
AURORA, NEVADA
ASSAY PLAN OF
SOUTH TUNNEL
August, 1911
Scale 1:200
Quartz
Andesite
KEY TO ASSAYS.
1st: Number of sample.
2nd: Length of sample in meters.
3rd: Gold value in U.S.Cy.
4th: Silver value in U.S.Cy.
5th: Total value in U.S.Cy.


Sheet № 2
943-0.75-2.31-0.27-2.58
944-0.55-0.99-0.46-1.45
945-1.35-0.99-0.15-1.14
946-1.15-3.32-0.24-3.56
947-1.05-2.16-0.25-2.41
948-1.20-2.66-0.19-2.85
949-1.40-0.50-0.08-0.58
950-1.10-0.33-0.07-0.40
951-1.45-0.99-0.10-1.09
952-1.10-0.66-0.08-0.74
953-1.20-1.16-0.12-1.28
954-1.20-3.82-0.54-4.36
955-1.15-1.66-0.27-1.93
956-0.90-2.91-0.19-3.10
957-0.35-1.16-0.14-1.30
958-0.55-0.33-0.07-0.40
959-0.60-0.50-0.05-0.55

REPORT ON VARIOUS MINES AT

A U R O R A , N E V A D A

AUGUST 1911

REPORT ON VARIOUS MINES AT AURORA, NEVADA

PROPERTY OF SHARPE & BELL AND THE STEWART ESTATE

ANTELOPE MINE

CORTEZ AND LADY JANE MINES