Mineral Resource Estimation Sleeper Gold Project, Nevada, U.S.A.

Report Prepared for

Paramount Gold

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Appendix C: Variogram Maps

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1 Summary

Introduction

Paramount Gold and Silver Corporation in May, 2011 contracted SRK Consulting (Chile) S.A. to make a CIM NI 43-101 technical report of the mineral resources for its Sleeper gold and silver deposit prospect, located in the Awakening Mining District, Humboldt County, Nevada, U.S.A.

The Sleeper Gold Property comprises 1,044 unpatented lode mining claims totaling approximately 30 square miles (6,709 hectares).

Paramount Gold and Silver Corp., is a public company listed and trading on the NYSE- American Stock Exchange (NYSE-AMEX) and the Toronto Stock Exchange (TSX). It acquired all the issued and outstanding shares of X-Cal Resources Ltd. in August 2010 by plan of arrangement. Paramount's head office and mailing address is 665 Anderson Street, Winnemucca, Nevada 84445-3657.

Paramount through its subsidiaries, X-Cal Resources Lt., X-Cal USA Inc, New Sleeper Gold LLC and Sleeper Mining Company LLC control 100% of the 1,044 unpatented lode mining claims. All claims registered in the name of X-Cal USA are currently assigned to the New Sleeper Gold LLC.

History

AMAX first began production in 1986. The Sleeper operation was designed to treat oxide mineralization by both milling and heap leaching. There was no flotation circuit in the mill to recover gold bearing sulphides. The early pit mill feed was oxide material, but zones of sulphide mineralization were present in the pit. Reported gold production from the mill was 1,219,880 ounces and 438,609 ounces from heap leaching. Silver production totaled approximately 2.3 million ounces. The mine ceased production in 1996.

Geology and Mineralization

Four main types of gold mineralization are found within the Sleeper deposit and may represent a continuum as the system evolved from a high level, high sulphidation system dominated by intrusion related fluids and volatiles to a low sulphidation meteoric water dominant system. In this setting the paragenetic relationships of the differing mineralization styles are as follows:

- Early -quartz-pyrite-marcasite stockwork
- Intermediate -medium-grade, silica-pyrite-marcasite cemented breccias localized on zones of structural weakness
- Late -high-grade, banded, quartz-adularia-electrum-(sericite) veins
- Post -alluvial gold-silver deposits in Pliocene gravels

AMAX mined all four types of mineralization, with high-grade material (> 0.1 oz Au/ton) processed through the mill and low-grade (0.006 to 0.1 oz Au/ton) material processed by heap leaching. All were mined by open pit methods from the Sleeper, Wood, and Office pits. The deposit was mined over a north-south distance of 4,500 ft (1,372 m) and an east-west width of approximately 2,100 ft (640 m).

The high-grade bonanza veins are banded and composed of layers of quartz-adularia-electrum, with minor carbonate, barite, and late stibnite. Veins ranging from 1 inch to 20 feet in true width were mined in the Sleeper, East Wood, West Wood and Office vein systems. Numerous other narrower or shorter veins have been found in the course of drilling and mining, including several below the final mined pit, and some hosted within Auld Lang Syne meta-sedimentary rocks.

Medium-grade breccias in the mine, which were clast-supported and cemented by silica, pyrite, marcasite and adularia, typically assay between 0.1 and 1.0 oz Au/ton. The pyrite-marcasite content of the higher-grade breccias was notably higher than in the veins. The silver content in mined breccias was typically three to six times the gold grade. Lower-grade stockwork and breccia mineralization accounted for approximately 20 percent of the gold production. Mineralized breccias extend below the depth of the Sleeper Mine open pits, as demonstrated by X-Cal drilling west of the Wood Pit, where the breccias are particularly rich in sulphides.

Alluvial gold mineralization of Miocene or Pliocene age was found and mined in the western part of the Sleeper pit. This Older Alluvium consists of poorly sorted conglomerates derived mostly from the weathering of altered Sleeper rhyolite and partly from vein/stockwork ores.

Geological Modeling

Leapfrog Support Chile (LSC) was retained by SRK Chile to create a 3D Geological model of Paramount's Sleeper gold deposit in Nevada. The deliverable products of this work combines a 3D model for Au and Ag mineralization with a lithological model of the study area, to be used as geological domains for resource estimation by SRK. SRK Consulting geologists in Santiago, Chile, worked together with LSC to check the models and verify the process and interpretations. This was also monitored together with Paramount personnel during several meetings held during the process of this study.

Exploration and Drilling

Following the ceasing of operations by AMAX in 1996, The Sleeper Joint Venture performed drilling in 2004 and 2005 concentrating on the West Wood and Facilities areas.

X-Cal Resources drilled the Facilities area in 2006 – 2007, as well as other exploration target areas within the claim block.

Paramount's drilling in 2010 – 2011 concentrated on the West Wood and Facilities areas.

Mineral Resource Estimation

Mr. Glen Van Treek, Vice President Exploration, Paramount asked SRK to estimate the gold and silver resources for the Sleeper Project considering three areas of the deposit, Sleeper, Facility and West Wood.

The estimation work consists of the following:

- (Au) Gold Estimation
- (Ag) Silver Estimation
- Density Estimation
- Resource Classification

The geology used for this work corresponds to the interpreted models of lithology and the gold and silver envelopes. The mineralized area was estimated using indicator kriging. The models of lithology and gold and silver envelopes were created as 3D solids using Leapfrog software. A separation was made based on the solids of 0.1 ppm for Au and 2ppm for Ag. Through various analyses, it was determined that using the geological units of the deposit as the estimation units was the best method for more faithfully representing the gold distribution in the deposit. Since each sector of the deposit (Sleeper, Facility and West Wood) is clearly defined and the behavior in grade by lithology is different in each one of the sectors, it was decided to analyse each lithological unit for each one of the areas separately.

Correlograms on composite data bases were used for modeling and describing the spatial variability of the mineralization of the deposit. The methodology used for developing Au and Ag correlogram models was based on following determined preferential directions for the grade variation behavior and lithology of each estimation domain. Since it was not a simple task to identify this behavior due to the geology groupings which form the estimation units, the process considers the creation of variographic maps as correlograms in such a way in order to better visualize the preferential directions for each estimation unit.

Variographic studies used both down the hole and directional variogram analysis.

A block model with sub-cells was constructed in order to perform the resource estimation using ordinary kriging. Each unit was estimated separately because hard boundaries were used in all cases. Validations were conducted to review the information of the nearest neighbor for global bias and drift, whereas for the general neighborhood review (where blocks around drillholes are also included), composited samples of 1.5 m were used. In order to limit the influence of very high grades, capping was performed on each estimation unit.

The estimations were validated using real grade vs. estimated grade regression and comparison of database vs. estimated block drift. Comparison of global bias was also performed.

The following criteria were used for classifying the resources:

- In order for blocks to be considered as a measured resource, the average estimation distance must be less than or equal to 28 metres. This data is taken from correlograms where at least 90% of the plateau value is appropriate. Furthermore, the block should be estimated using at least two drillholes.
- In order for blocks to be considered as an indicated resource, the average estimation distance must be less than or equal to 40 metres and greater than 28 metres. This data is taken from correlograms, where at least 100% of the plateau value is appropriate. Furthermore, the block should be estimated using at least two drillholes.
- In order for blocks to be considered as an inferred resource, the block must only be estimated for gold and may not be considered as either measured or indicated resources.

Indicator kriging was performed in order to differentiate the mineral zones and data from the mineral zones in the data base were used, namely, oxide, mixed and sulphide. After a data analysis, the decision was made to combine oxides and mixed and use the combined term, “oxides”.

Two indicator variograms were created, one for oxides and the other for sulphides.

Classified global mineral resources at Sleeper are shown in the following table.

UG_AU	Measured			Indicated			Measured+Indicated			Inferred			Total		
	Au	Ag	TOTAL_MASS	Au	Ag	TOTAL_MASS	Au	Ag	TOTAL_MASS	Au	Ag	TOTAL_MASS	Au	Ag	TOTAL_MASS
12									-	0.177	0.112	4,689,063	0.177	0.112	4,689,063
13	0.333	1.090	3,202,306	0.349	0.742	1,165,566	0.337	0.997	4,367,872	0.485	0.243	994,030	0.365	0.857	5,361,902
14	0.343	2.656	53,425,668	0.267	1.904	22,857,110	0.320	2.431	76,282,778	0.352	1.643	22,008,973	0.328	2.255	98,291,751
16	0.368	2.093	48,621,277	0.284	1.209	18,932,311	0.345	1.845	67,553,587	0.263	1.351	31,589,823	0.318	1.688	99,143,410
17	0.377	3.599	3,535,810	0.384	2.500	3,446,702	0.380	3.056	6,982,512	0.291	1.156	19,736,647	0.314	1.653	26,719,159
22	0.223	4.199	19,281,936	0.209	4.383	17,926,679	0.216	4.287	37,208,615	0.225	3.693	35,886,732	0.220	3.996	73,095,347
23	0.272	4.647	13,623,604	0.262	4.280	7,317,070	0.268	4.519	20,940,675	0.244	4.161	2,524,947	0.266	4.480	23,465,622
24	0.280	4.354	11,417,544	0.256	3.268	10,396,795	0.268	3.836	21,814,340	0.268	2.772	22,471,280	0.268	3.296	44,285,620
26	0.333	6.241	15,282,778	0.312	6.120	6,347,726	0.327	6.206	21,630,504	0.305	4.670	4,138,427	0.323	5.959	25,768,930
27	0.298	5.318	15,988,381	0.246	3.528	6,902,247	0.282	4.778	22,890,628	0.207	3.341	9,010,189	0.261	4.372	31,900,817
32	0.236	5.382	2,191,630	0.212	5.794	2,608,660	0.223	5.606	4,800,290	0.214	6.754	12,565,520	0.217	6.436	17,365,810
33	0.654	3.357	15,574,453	0.451	1.690	5,557,867	0.601	2.919	21,132,320	0.361	0.904	3,978,632	0.563	2.599	25,110,952
34	0.311	1.629	1,657,375	0.290	0.849	1,548,652	0.300	1.252	3,206,027	0.241	0.923	4,635,720	0.266	1.057	7,841,747
36	0.326	3.199	12,754,037	0.308	3.990	5,327,975	0.320	3.432	18,082,012	0.305	1.900	3,943,594	0.318	3.158	22,025,606
37	0.440	1.883	6,613,942	0.253	1.890	2,343,556	0.391	1.885	8,957,498	0.240	2.143	32,330,753	0.273	2.087	41,288,252
100										2.030		151,675	2.030		151,675
Total	0.349	3.380	223,170,741	0.275	2.968	112,678,917	0.324	3.242	335,849,658	0.263	2.500	210,656,005	0.301	2.956	546,505,663

Classified global oxide mineral resources at Sleeper using a 0.2 ppm Au cut-off are shown in the following table.

UG_AU	Measured			Indicated			Measured+Indicated			Inferred			Total		
	Au	Ag	TOTAL_MASS	Au	Ag	TOTAL_MASS	Au	Ag	TOTAL_MASS	Au	Ag	TOTAL_MASS	Au	Ag	TOTAL_MASS
12									-						-
13	0.400	1.378	1,130,280	0.341	0.878	217,631	0.390	1.298	1,347,911	0.484	0.302	261,021	0.405	1.136	1,608,931
14	0.413	2.711	2,424,966	0.374	1.746	278,135	0.409	2.611	2,703,102	0.256	0.387	308,801	0.393	2.383	3,011,903
16	0.414	1.712	9,257,734	0.358	1.102	1,975,281	0.404	1.605	11,233,015	0.332	0.840	1,466,022	0.396	1.516	12,699,037
17	0.546	2.474	150,294	0.349	2.565	70,394	0.484	2.503	220,688	0.452	0.548	554,498	0.461	1.104	775,186
22	0.283	4.166	3,262,825	0.270	4.588	2,239,848	0.278	4.338	5,502,673	0.289	3.262	2,966,843	0.282	3.961	8,469,516
23	0.329	6.049	2,632,517	0.312	5.747	1,088,567	0.324	5.960	3,721,084	0.358	5.227	105,257	0.325	5.940	3,826,341
24	0.309	4.155	1,501,790	0.299	5.009	763,555	0.306	4.443	2,265,346	0.301	4.653	576,411	0.305	4.486	2,841,756
26	0.367	5.735	4,587,573	0.326	5.507	1,233,478	0.358	5.687	5,821,051	0.376	8.856	323,669	0.359	5.854	6,144,720
27	0.324	6.946	2,386,085	0.308	6.605	991,594	0.320	6.846	3,377,679	0.288	4.773	572,347	0.315	6.546	3,950,026
32	0.310	6.769	785,713	0.295	6.571	428,165	0.304	6.699	1,213,879	0.295	8.688	1,701,956	0.299	7.860	2,915,835
33	0.628	2.436	1,325,914	0.465	0.730	350,329	0.594	2.079	1,676,243	0.468	0.178	126,712	0.585	1.946	1,802,955
34	0.323	0.569	139,135	0.270	1.476	252,115	0.289	1.154	391,250	0.254	0.664	869,101	0.265	0.816	1,260,351
36	0.478	1.451	1,869,415	0.460	0.192	778,160	0.472	1.081	2,647,575	0.458	0.074	665,313	0.469	0.879	3,312,888
37	0.554	3.072	506,260	0.320	2.093	162,186	0.497	2.834	668,446	0.318	1.848	2,693,683	0.353	2.044	3,362,129
Total	0.387	3.63	31,960,502	0.328	3.75	10,829,438	0.372	3.66	42,789,940	0.321	3.08	13,191,635	0.360	3.52	55,981,575

Classified global sulphide mineral resources at Sleeper using a 0.25 ppm Au cut-off are shown in the following table.

UG_AU	Measured			Indicated			Measured+Indicated			Inferred			Total		
	Au	Ag	TOTAL_MASS	Au	Ag	TOTAL_MASS	Au	Ag	TOTAL_MASS	Au	Ag	TOTAL_MASS	Au	Ag	TOTAL_MASS
12									-	0.332		648,286	0.332		648,286
13	0.455	1.343	923,954	0.467	0.774	552,174	0.460	1.130	1,476,128	0.560	0.233	587,196	0.488	0.875	2,063,324
14	0.524	3.469	24,680,506	0.436	2.198	8,386,710	0.502	3.147	33,067,217	0.650	2.035	8,450,668	0.532	2.921	41,517,885
16	0.533	3.244	20,372,797	0.441	1.693	6,642,579	0.511	2.863	27,015,376	0.432	1.348	10,592,250	0.488	2.436	37,607,626
17	0.607	5.244	1,550,628	0.565	2.904	1,821,754	0.585	3.980	3,372,382	0.476	1.886	7,628,421	0.509	2.528	11,000,803
22	0.343	5.666	4,283,700	0.335	5.931	3,642,537	0.339	5.788	7,926,237	0.349	4.504	10,229,831	0.345	5.065	18,156,068
23	0.379	5.350	4,419,282	0.354	4.372	2,500,272	0.370	4.996	6,919,554	0.334	4.191	781,169	0.367	4.915	7,700,723
24	0.483	5.676	3,462,367	0.438	3.127	3,093,228	0.461	4.473	6,555,595	0.435	2.589	8,356,532	0.447	3.417	14,912,127
26	0.472	9.126	5,260,271	0.417	7.511	2,787,397	0.453	8.567	8,047,668	0.440	5.007	1,876,202	0.450	7.894	9,923,871
27	0.451	6.365	5,832,553	0.395	3.447	1,790,153	0.438	5.679	7,622,706	0.490	5.003	1,365,951	0.446	5.577	8,988,657
32	0.365	3.085	318,551	0.342	4.656	540,784	0.350	4.074	859,336	0.344	8.017	2,633,919	0.345	7.047	3,493,254
33	0.783	3.933	11,263,145	0.551	1.998	3,776,212	0.725	3.447	15,039,357	0.447	1.145	2,526,301	0.685	3.116	17,565,658
34	0.478	3.327	711,249	0.440	1.163	591,690	0.461	2.345	1,302,939	0.438	0.988	1,082,345	0.450	1.729	2,385,284
36	0.464	5.261	4,887,725	0.429	5.987	1,964,008	0.454	5.469	6,851,733	0.433	3.663	1,259,796	0.451	5.188	8,111,530
37	0.695	1.900	3,107,901	0.414	1.433	809,384	0.637	1.803	3,917,285	0.387	1.552	10,391,989	0.455	1.621	14,309,274
Total	0.536	4.32	91,074,631	0.435	3.30	38,898,882	0.506	4.01	129,973,513	0.443	2.62	68,410,857	0.484	3.53	198,384,370

The following tables show the sensitivity of the oxide and sulphide resources to the Au cut-off grade.

Oxide Measured and Indicated mineral resources at Sleeper by Au cut-off.

Cut-off	Measured					Indicated					M&I				
Au g/T	Tonnes	Au g/T	Ag g/T	Au Oz	Ag Oz	Tonnes	Au g/T	Ag g/T	Au Oz	Ag Oz	Tonnes	Au g/T	Ag g/T	Au Oz	Ag Oz
0.1	51,140,096	0.3	3.69	493,265	6,067,162	21,251,557	0.242	3.69	165,350	2,521,244	72,391,653	0.28	3.69	658,615	8,588,406
0.2	**31,960,502**	**0.387**	**4.23**	**397,669**	**4,346,620**	**10,829,438**	**0.328**	**4.12**	**114,203**	**1,434,501**	**42,789,940**	**0.37**	**4.20**	**511,872**	**5,781,121**
0.25	23,364,479	0.447	4.5	335,785	3,380,386	6,704,861	0.393	4.4	84,719	948,506	30,069,340	0.43	4.48	420,504	4,328,893
0.3	16,930,538	0.513	4.82	279,245	2,623,708	4,274,272	0.461	4.59	63,352	630,772	21,204,810	0.50	4.77	342,597	3,254,480
0.4	9,427,511	0.648	5.22	196,413	1,582,214	1,884,221	0.61	4.89	36,954	296,236	11,311,732	0.64	5.17	233,367	1,878,451

Oxide Inferred mineral resources at Sleeper by Au cut-off.

Cut-off	Inferred				
Au g/T	Tonnes	Au g/T	Ag g/T	Au Oz	Ag Oz
0.1	29,635,200	0.225	3.18	214,382	3,029,931
0.2	**13,191,635**	**0.321**	**3.42**	**136,145**	**1,450,516**
0.25	8,053,980	0.384	3.71	99,435	960,688
0.3	4,724,427	0.466	4.06	70,784	616,699
0.4	2,049,919	0.631	3.41	41,588	224,744

Sulphide Measured and Indicated mineral resources at Sleeper by Au cut-off.

Cut-off	Measured					Indicated					M&I				
Au g/T	Tonnes	Au g/T	Ag g/T	Au Oz	Ag Oz	Tonnes	Au g/T	Ag g/T	Au Oz	Ag Oz	Tonnes	Au g/T	Ag g/T	Au Oz	Ag Oz
0.1	51,140,096	0.3	3.69	493,265	6,067,162	21,251,557	0.242	3.69	165,350	2,521,244	72,391,653	0.28	3.69	658,615	8,588,406
0.2	**31,960,502**	**0.387**	**4.23**	**397,669**	**4,346,620**	**10,829,438**	**0.328**	**4.12**	**114,203**	**1,434,501**	**42,789,940**	**0.37**	**4.20**	**511,872**	**5,781,121**
0.25	23,364,479	0.447	4.5	335,785	3,380,386	6,704,861	0.393	4.4	84,719	948,506	30,069,340	0.43	4.48	420,504	4,328,893
0.3	16,930,538	0.513	4.82	279,245	2,623,708	4,274,272	0.461	4.59	63,352	630,772	21,204,810	0.50	4.77	342,597	3,254,480
0.4	9,427,511	0.648	5.22	196,413	1,582,214	1,884,221	0.61	4.89	36,954	296,236	11,311,732	0.64	5.17	233,367	1,878,451

Oxide Inferred mineral resources at Sleeper by Au cut-off.

Cut-off Au g/T	Inferred				
	Tonnes	Au g/T	Ag g/T		
0.2	94,874,313	0.382	3.05	1,165,225	9,303,497
0.25	**68,410,857**	**0.443**	**3.07**	**974,376**	**6,752,446**
0.3	49,260,219	0.509	3.1	806,143	4,909,709
0.4	26,265,629	0.652	2.81	550,596	2,372,968
0.5	15,105,865	0.806	2.75	391,452	1,335,599
0.6	9,467,172	0.962	2.79	292,815	849,224

Alluvial inferred mineral resources at Sleeper by Au cut-off.

Cut-off Au g/T	Inferred				
	Tonnes	Au g/T	Ag g/T	Au Oz	Ag Oz
0.1	156,140	1.975		9,915	
0	**151,675**	**2**		**9,890**	
0.25	150,281	2.045		9,881	
0.3	148,215	2.07		9,864	
0.4	134,889	2.24		9,715	

The following tables show the reported Sleeper mineral resources reported by Oxide and Sulphide at the cut-off grades indicated.

Paramount Sleeper Deposit Oxide Au Mineral Resources as of October 28, 2011

Resource Classification Oxide cut-off 0.2ppm Au	**Tonnage**	**Au Grade**	**Ag Grade**
	(Kilotonnes)	(g/t)	(g/t)
Measured	31,961	0.387	4.23
Indicated	10,829	0.328	4.12
Total Measured and Indicated	42,790	0.372	4.20
Inferred	13,192	0.321	3.42

Paramount Sleeper Deposit Sulphide Au Mineral Resources as of October 28, 2011

Resource Classification Sulphide cut-off 0.25ppm Au	Tonnage	Au Grade	Ag Grade
	(Kilotonnes)	(g/t)	(g/t)
Measured	91,075	0.536	5.06
Indicated	38,899	0.435	3.79
Total Measured and Indicated	129,974	0.506	4.68
Inferred	68,411	0.443	3.07

Paramount Sleeper Deposit Alluvium Au Mineral Resources as of October 28, 2011

Resource Classification Alluvial cut-off 0.2ppm Au	Tonnage	Au Grade	Ag Grade
	(Kilotonnes)	(g/t)	(g/t)
Measured	-	-	-
Indicated	-	-	-
Total Measured and Indicated	-	-	-
Inferred	151,675	2.030	-

Pit Resources

In order to report resources, possibly mineable resources must be shown. Therefore, a Whittle run was performed in order to report resources inside a plausible pit. Available blocks with Au grades were used (below the current topography) including measured, indicated and inferred resources. Assumed economic parameters were used, including a proportional medium-ranged mine cost supplied by Paramount. The model was re-blocked to 10x10x10 m. Pit 5 from the Whittle exercise below was chosen as the most representative.

Pit	Minimum Rev Ftr	Maximum Rev Ftr	Rock Tonnes	Ore Tonnes	Strip Ratio	Max Bench	Min Bench	AU Units	AU Grade
1	0.2	0.2	556,666	251,395	1.21	80	59	655,336	2.607
2	0.4	0.4	5,679,272	2,746,872	1.07	82	58	3,413,775	1.243
3	0.6	0.6	37,777,731	14,714,432	1.57	83	54	12,094,276	0.822
4	0.8	0.8	171,542,871	49,705,465	2.45	86	46	33,302,610	0.670
5	1	1	316,085,293	106,200,325	1.98	87	44	56,030,621	0.528
6	1.2	1.2	513,748,827	179,053,812	1.87	87	36	80,926,930	0.452
7	1.4	1.4	648,144,201	242,747,903	1.67	87	34	98,379,898	0.405
8	1.6	1.6	729,963,229	288,878,320	1.53	87	32	108,921,162	0.377
9	1.8	1.8	819,627,448	334,114,511	1.45	87	32	118,411,300	0.354
10	2	2	965,834,320	378,224,461	1.55	88	30	127,809,980	0.338

Interpretation and Conclusions

The Sleeper gold-silver deposit represents a project with a great deal of potential for being an important gold producer in Nevada once again. Exploration potential adjacent to the mine is very positive as well as brownfield opportunities in the other target within the claim block that still remain to be tested (although overall exploration potential was not part of SRK's work scope, this potential was recognised nonetheless.

Au and Ag mineralization display various controls, including sub-vertical feeder structures and stockwork halos as well as bedding-parallel controls. The latter, is particularly seen at Facility, related to what has been interpreted in the model presented here in this report, as the base of the rhyolite (either as a flow or dome) and the contact with the underlying Mesozoic basement. These mineralization trends have not been extensively drilled, and present strong potential for continuity for increasing resources at the project.

Recommendations

QA/QC Controls

SRK recommends that the QA/QC sample and laboratory analysis evaluation be done on a regular basis during drill hole campaigns. When QA/QC analyses are are completed after the drill campaign, it can be too late for making necessary adaptations and corrections. Fortunately, there does not seem to a consistent problem with the laboratory analyses, however, more attention to detail in consistently sending check assays to other labs and submitting coarse reject duplicates for analysis should be made.

Geologic Model

The following recommendations are presented.

- Grades were used as a proxy for mineralization style in the model (vein, stockwork and dissemination). Identifying mineralization style consistently in the database would allow modeling these features directly in a more geologically consistent fashion.
- The lithological units presented here are preliminary, based on the grouping of codes mapped by different companies over a long period of time. It is recommended that the partition suggested here be used as a basis for future drill hole logging review campaigns, in order to produce an integrated lithological coding system applicable to the whole deposit.
- The structures used were determined primarily on the bases of Au grade distribution and previous interpretations and conceptual models. It is recommended that field and drill hole structural information be carefully reviewed and entered into a newly compiled and integrated database as a more detailed structural model will be necessary at a more advanced project stage.

2 Introduction

In May, 2011,, SRK Consulting (Chile) S.A. (“SRK Chile”) was mandated by Paramount Gold & Silver Corporation (Paramount or Client) to make a Canadian compliant NI 43-101 Technical Report of the Resources for its Sleeper gold and silver deposit prospect, located in the Awakening Mining District, Humboldt County, Nevada, U.S.A.

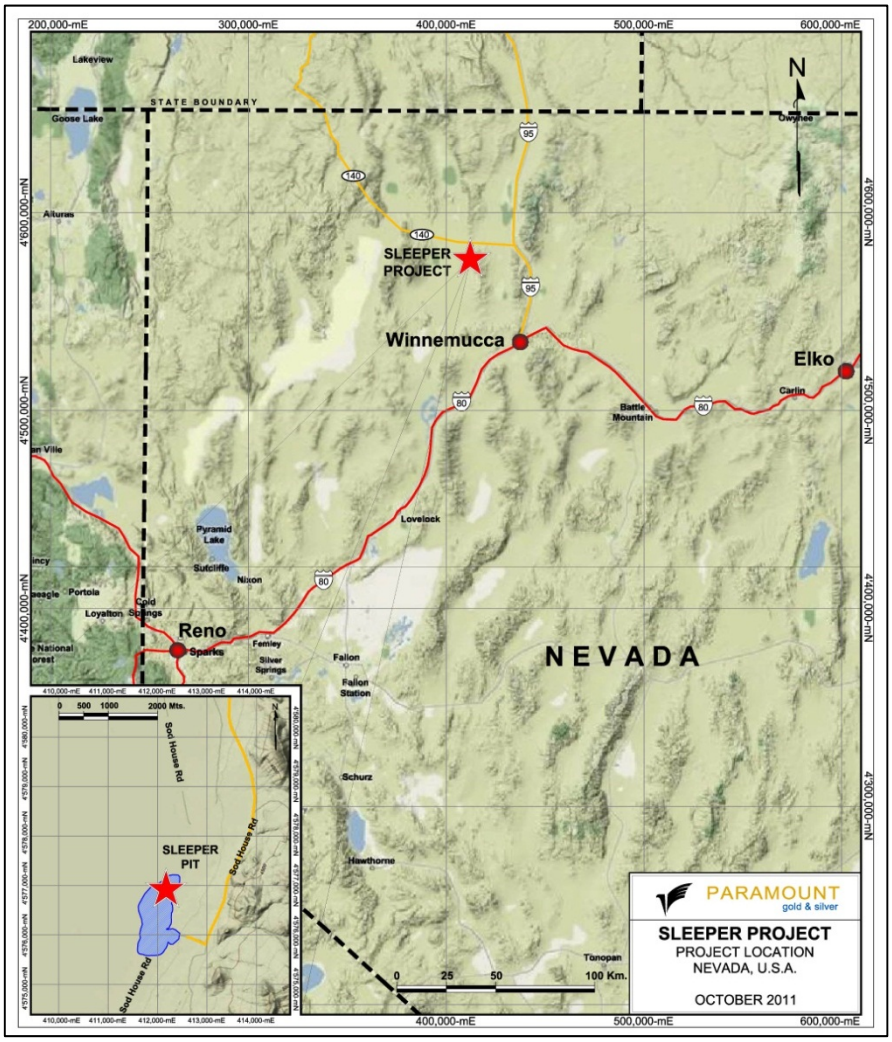


Figure 2-1: Location of the Sleeper Project

2.1 Scope of Work

The scope of the work is consistent with the NI 43-101 items to be developed in the technical report considering the task of deposit modeling and resource estimation.

The areas of development and the activities under SRK responsibility, as agreed upon in the proposal, are described as follows:

1. Geology and Resources Reviewer and QP, SRK Santiago (George Even) - Field Visit, review of QA/QC and NI-43-101 document review.
2. Database Review and Validation – SRK Reno Geologist (Brooke Miller) to visit site and review database
    a. Review data stream from the logging of holes to lab results to cross-checking the database.
    b. Use blast hole samples, if possible to validate historic AMAX database.
3. Iso-Grade Modeling in Leapfrog – also investigate the possibility of creating a lithological model.
4. Resources, SRK Santiago (Joled Nur) - Perform an Indicator Kriging or Indicator Simulation in order to obtain an idea of the locations and trends of the principal veins.
5. Perform a mineral resource estimation for gold and silver using the constructed geologic units.
6. Combine and compile a single report document according to CIM NI-43-101 guidelines including database review and validation, site visit and QA/QC analysis, as well as the geologic model construction and resource estimate.

This technical report was prepared following the guidelines of the Canadian Securities Administrators National Instrument 43-101 and Form 43-101F1, and in conformity with generally accepted CIM “Exploration Best Practices” guidelines.

2.2 Work Program

The work program involved a field visit to the Sleeper property in May 2011 by SRK Chile geologist, Mr. George Even, a Qualified Person (according to NI 43-101 criteria) and SRK (Reno) Senior Geologist, Ms. Brooke Miller. They were accompanied to the site by Mr. Glen Van Treek, Paramount Vice President of Exploration and other Paramount geologists. Several meetings were held in the SRK Chile office with Mr. Van Treek together with Mr. Joled Nur, SRK project manager, during the course of this study.

2.3 Basis of the Technical Report

This report is based on information collected by SRK during the site visit and on additional information provided by Paramount.

SRK conducted certain independent verifications of exploration data from archived files provided for inspection by the Client in Paramount’s Winnemucca, Nevada office. The information contained herein is based on information believed to be reliable.

This technical report is based on the following sources of information:

- Discussions with Paramount personnel and reports prepared by Paramount and previous owners of the Sleeper property;
- Personal inspection of the Sleeper project area;
- Inspection and review of drill core from the Sleeper Project;
- Review of historical exploration work conducted on the property;
- Additional information obtained from public domain sources.

2.4 Qualification of SRK

The SRK Group comprises over 1,000 professionals, offering expertise in a wide range of resource engineering disciplines. The SRK Group's independence is ensured by the fact that it holds no equity in any project and that its ownership rests solely with its staff. This permits SRK to provide its clients with conflict-free and objective recommendations on crucial judgment issues. SRK has a demonstrated track record in undertaking independent assessments of Mineral Resources and Mineral Reserves, project evaluations and audits, technical reports and independent feasibility evaluations to bankable standards on behalf of exploration and mining companies and financial institutions worldwide. The SRK Group has also worked with a large number of major international mining companies and their projects, providing mining industry consultancy service inputs.

This technical report was compiled by Mr. George Even, MAIG, MAusIMM (Geology), Mr. Joled Nur (Resources), MAus IMM and Mr. Lee P. Gochnour (Environmental).

2.5 Site Visit

A site visit was made to the Sleeper property from June 15 -17, 2011 by SRK geologists, Mr. George Even (Santiago office) and Ms. Brooke Miller (Reno office), who were accompanied to the site by Mr. Glen Van Treek and other Paramount geologists. This visit had as its purpose to review the data available, particularly verifying the information used in the drill hole database, as well as procedures used during the mining of the Sleeper deposit and also during the exploration campaigns carried since the mine ceased operations in 1996.

2.6 Acknowledgements

SRK would like to acknowledge the support and collaboration provided by Paramount personnel for the preparation of this report, and in particular, Mr. Glen Van Treek for his assistance during the field visits and also during the meeting in the Santiago SRK office.

3 Reliance on Other Experts and Disclaimer

SRK's opinion contained herein and effective October 28, 2011, is based on information provided to SRK by Paramount throughout the course of SRK's investigations, which in turn reflect various technical and economic conditions at the time of writing. Given the nature of the mining business, these conditions can change significantly over relatively short periods of time. Consequently actual results may be significantly more or less favorable.

This report includes technical information, which requires subsequent calculations to derive sub-totals, totals and weighted averages. Such calculations inherently involve a degree of rounding and consequently introduce a margin of error. Where these occur, SRK does not consider them to be material.

SRK is not an insider, associate or an affiliate of Paramount Gold & Silver Corp. and neither SRK nor any affiliate has acted as advisor to Paramount or its affiliates in connection with this project. The results of the technical review by SRK are not dependent on any prior agreements concerning the conclusions to be reached, nor are there any undisclosed understandings concerning any future business dealings.

SRK has not researched ownership information such as property title and mineral rights, however, receipts of claim payments and claim lists have been examined by SRK.

The Sleeper project is an idle, open pit gold mine with exploration potential. The mine produced gold concentrate from 1986 to 1996 under AMAX's operation. Paramount is currently carrying out core and RC drilling campaigns to outline further resources. A portion of the open pit is currently occupied by a pit lake.

The opinions expressed in this Report have been based on the information supplied to SRK Consulting (Chile) S.A., (SRK) by Paramount Gold and Silver Corporation (Paramount). The opinions in this Report are provided in response to a specific request from Paramount to do so. SRK has exercised all due care in reviewing the supplied information. SRK has compared key supplied data with expected values and conducted spot checks on data during the site visit. While some data from the period of historic operation of the Sleeper mine by AMAX (until 1998) could not be validated, such as the location of old hole collars in areas already mined out, in general the data received is of a good quality. Parallel studies by other consultants in the fields of mining and metallurgy as well as environmental and hydrogeological studies are being conducted. The results of those studies were not available as of the publication date of this document. Opinions presented in this report apply to the site conditions and features as they existed at the time of SRK's investigations, and those reasonably foreseeable. These opinions do not necessarily apply to conditions and features that may arise after the date of this Report, about which SRK had no prior knowledge nor had the opportunity to evaluate.

4 Property Description and Location

4.1 Introduction

The Sleeper Gold Property is located in Desert Valley and the adjoining Slumbering Hills, Awakening Mining District, Humboldt County, Nevada, U.S.A. The Property is on the Jackson Well 7.5' United States Geological Survey Quadrangle at Lat: 41° 20' N, Long: 118° 03' W. The claims cover parts of Sections 3 to 11, 14 to 23 and 26 to 36, inclusive, in Township 40 North, Range 35 East, and Sections 1 to 3, and 10 to 12, inclusive, Township 39 North, Range 35 East, Mount Diablo Base and Meridian, Humboldt County, Nevada, U.S.A. The claims are contiguous. The U.S. Government owns the surface rights to the unpatented lode and placer claims.

4.1.1 Land Tenure

The Sleeper Gold Property (Figure 4-1) comprises 1,044 unpatented lode mining claims totaling approximately 30 square miles (6,709 hectares).

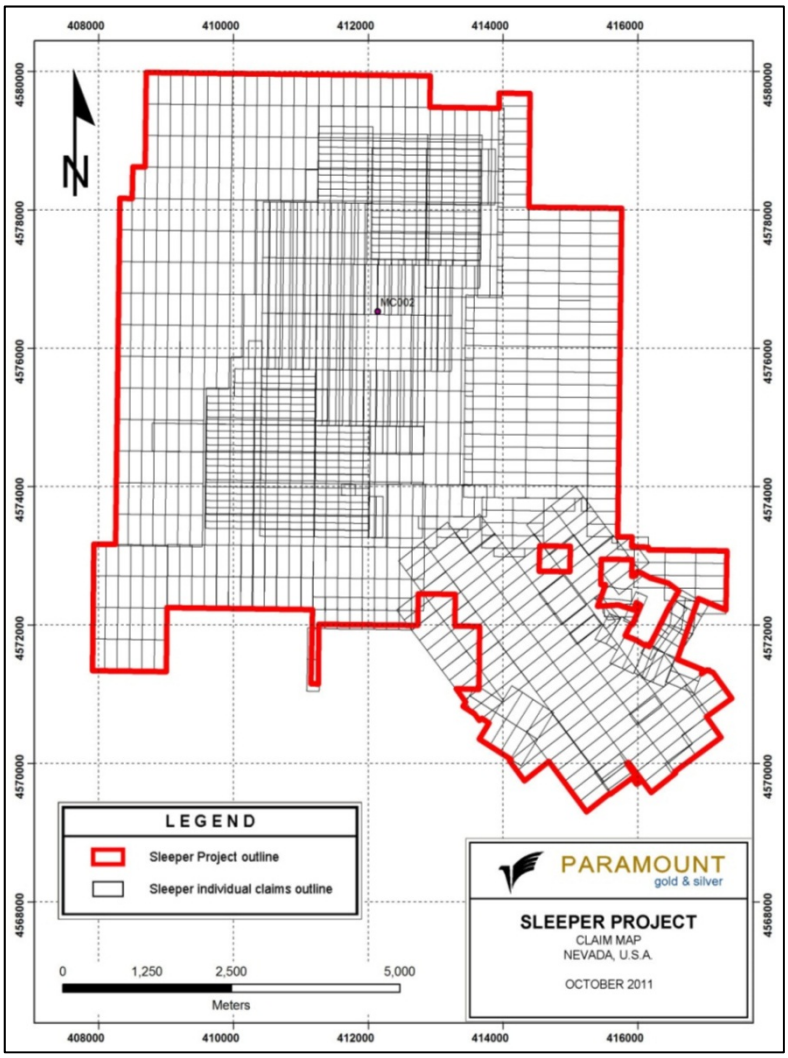


Figure 4-1: Sleeper Tenement Map

See Appendix A for a list of the claims held by Paramount at Sleeper.

4.2 Underlying Ownership

Paramount Gold and Silver Corp., is a public company listed and trading on the NYSE- American Stock Exchange (NYSE-AMEX) and the Toronto Stock Exchange (TSX). It acquired all the issued and outstanding shares of X-Cal Resources Ltd. in August 2010 by plan of arrangement. Paramount's head office and mailing address is 665 Anderson Street, Winnemucca, Nevada 84445-3657.

Paramount through its subsidiaries, X-Cal Resources Lt., X-Cal USA Inc, New Sleeper Gold LLC and Sleeper Mining Company LLC control 100% of the 1,044 unpatented lode mining claims. No one resides on the unpatented claims, which are owned by the U.S. government, and no pre-patent U.S. Mineral Survey has been conducted thereon. The authors know of no other agreements, other encumbrances or environmental liabilities that are attached to the Sleeper Gold Property. All claims registered in the name of X-Cal USA are currently assigned to the New Sleeper Gold LLC.

4.3 Mineral Rights in Nevada

Most Federal laws regarding mining on public land can be found in the United States Code (USC) under Title 30 "Mineral Lands and Mining" and Title 43, Chapter 35 "Federal Land Policy and Management" (FLPMA), and in the Code of Federal Regulations (CFR) under Title 43 "Public Lands." The majority of Nevada state laws regarding mining can be found in the Nevada Revised Statutes (NRS) under Chapters 512 through 520 and several other chapters and in the Nevada Administrative Code (NAC) under Chapter 517.

Federal (30 USC and 43 CFR) and Nevada (NRS 517) laws concerning mining claims on Federal land are based on an 1872 Federal law titled "An Act to Promote the Development of Mineral Resources of the United States."

About 85% of the land in Nevada is controlled by the Federal Government; most of this land is administered by the Bureau of Land Management, the Forest Service, the Department of Energy, or the Department of Defense. Much of the land controlled by the Bureau of Land Management and Forest Service is open to prospecting and claim location.

Bureau of Land Management regulations regarding surface disturbance and reclamation require that a notice be submitted to the appropriate Field Office of the Bureau of Land Management for exploration activities in which five acres or less are proposed for disturbance (43 CFR 3809.1-1 through 3809.1-4). A plan of operation is needed for all mining and processing activities, plus all activities exceeding five acres of proposed disturbance. A plan of operation is also needed for any bulk sampling in which 1,000 or more tons of presumed ore are proposed for removal (43 CFR 3802.1 through 3802.6, 3809.1-4, 3809.1-5). The BLM also requires the posting of bonds for reclamation for any surface disturbance caused by more than casual use (43 CFR 3809.500 through 3809.560).

Bureau of Land Management regulations (43 USC 1744; 43 CFR 3833.1-2) require that the locator of a mining claim, mill site, or tunnel site file a copy of the notice or certificate of location with the State Office of the Bureau of Land Management, along with a map showing the claims location. Failure to file this information within 90 days after the claim is located voids the claim. The certificate must include the name and current mailing address of the owner or owners, the type of claim, and the

location of the claim by township, range, section(s), and quarter section(s). The map should be similar to the one required by Nevada State law.

Federal law (30 USC 28f; 43 CFR 3833.1-5) requires an annual claim maintenance fee of $140 per claim be paid at the State Office of the Bureau of Land Management on or before September 1. During the initial assessment year (the year of location), the claim maintenance fee must be paid at the time the notice of location is filed with the Bureau of Land Management. Failure to pay the claim maintenance fee will void the claim.

Nevada law (NRS 517.230) also requires that on or before November 1 of each year that the annual assessment work is not required, the claimant, or someone in his behalf, must make and have recorded with the County Recorder a notice of "intent to hold". This is an affidavit that must include the name and mailing address of the claimant, the name of the mining claim, the Bureau of Land Management serial number if any, and a statement that the claimant intends to hold the claim. The notice of intent to hold is proof that the claimant intends to hold the claim from 12 p.m. on September 1 of the year before the affidavit was made and recorded until 11:59 a.m. on September 1 of the year the affidavit was made and recorded.

4.4 Environmental Studies, Permitting and Social or Community Impact

The Project was explored, developed (mined, milled and heap leached) in the 1980's and 1990's. Reclamation has occurred on the majority of the mine facilities (waste dumps, tailing impounds, heap leach pads and ancillary facilities (access and haul roads) and the open pit has been allowed to refill with water. These reclamation efforts have received awards and recognition from the regulatory agencies and the public. Current activities at the site involve exploration, permit maintenance and reclamation monitoring.

There are no known environmental issues that are adversely impacting air, water or soil resources at the site. Key environmental issues associated with current drilling activities and this NI 43-101 Report are wildlife and archaeology.

While there are no Threatened or Endangered (T&E) species of vegetation or wildlife within the project boundary, there are sensitive species (pygmy rabbit and sage grouse) that may exist and depending upon their location may warrant special mitigation.

There are also known sensitive cultural/archaeological sites within the project area. However, these sites have been effectively avoided during current operations.

Permits

The Project is currently operated as an advanced exploration project. Key permits associated with these activities include:

- Reclamation Permit # 0219
- Plan of Operations # N77104
- Air Permit for Surface Disturbance #AP 1041-2208

A reclamation bond in the amount of $222,081 is currently posted with Bureau of Land Management to guarantee that reclamation is performed on associated exploration activities at the site.

There are also numerous other permits in place that are maintained from previous mine operations. These are maintained for ease in updating should a decision be made to reinitiate production at the site. Maintenance of these permits includes monthly, quarterly and annual monitoring and reporting. These permits include:

- Reclamation Permit #0037
- Water Pollution Control Permit #NEV 50006
- Groundwater Appropriation Permits #'s 53228, 53231, 53236
- Radio Station (FCC) License # 11216793
- Air Quality Operating Permit # AP 1041 1322
- Hazardous Materials Permit # 1168-2326
- Solid Waste Landfill Waiver # SWMI-08-10
- Industrial Artificial Pond Permit # S28231

A reclamation bond in the amount of $3,966,373 is currently posted with Bureau of Land Management to guarantee that reclamation is performed on associated mine facilities and activities at the site.

Paramount is currently in compliance with all issued permits.

5 Accessibility, Climate, Local Resources, Infrastructure and Physiography

The Sleeper Gold Property is located 26 miles northwest of Winnemucca, Nevada, on the west flank of the Slumbering Hills. Access to the Sleeper Gold Property is by Interstate Highway 80 to Winnemucca, north on Highway 95 for 32 miles, west on Highway 140 for 14 miles, and then south for 6 miles on the maintained gravel Sod House Road to the project site.

The Sleeper Gold Property is in variably flat to hilly, grass-shrub-covered desert, with a few trees present on the higher elevations. Elevations in the Sleeper Gold Property area are between 4,100 ft along the western, valley side of the project to 5,400 ft on a hilltop in the south-eastern portion of the project.

The climate in the Sleeper Gold Property area is favourable for year-round mining. The temperatures are cool to cold during the winter, with occasional moderate snowfalls, and are warm during the summer with cool nights. The area is fairly dry, with infrequent rains during the summer. Exploration and mining activities may be conducted year-round. The Sleeper Gold Property area is uninhabited.

An office building, heavy equipment ‘shop’ plus assorted equipment are present on the Sleeper Gold Property site and are in use for exploration offices, core logging, storage and to support drilling programs. Necessary supplies, equipment and services to carry out full sequence exploration and mining development projects are available in Winnemucca, Reno, and Elko, Nevada. A trained mining-industrial workforce is available in Winnemucca and other nearby communities. The overall subdued topography that characterizes much of the Sleeper Gold Property provides ample ground for the sitting of mine facilities, tailings, waste dumps and heap leach facilities.

6 History

6.1 Pre-AMAX

Significant deposits of gold were first discovered in the Sleeper Gold Property area beginning in 1935 in the Awakening District at the Jumbo and Alma Mines. Narrow quartz-adularia-gold veins within folded metasedimentary rocks were exploited at the Jumbo mine, located in the Slumbering Hills about 3.7 miles southeast of the Sleeper Mine, by open pit and underground methods (Nash et al., 1995). Estimates of the pre-AMAX gold production from the Awakening District vary; Willden (1964) tabulated a total of 26,262 ounces of gold produced from the district between 1932 and 1958.

6.2 AMAX

The modern history of the Sleeper Gold Property began in April 1982 when John Wood, an exploration geologist with AMAX, observed iron staining in a scarp east of what became the Sleeper Mine during an aerial geological reconnaissance. AMAX conducted surface geological and geochemical work over the next two years, including a drilling program that identified gold mineralization that averaged approximately 0.04 oz Au/ton. In late 1984, AMAX's thirty-fourth drill hole stepped out to the west of the previous drilling and intersected 335 ft (102 metres) of silicified breccia with an average grade of 0.81 oz Au/ton gold, including one very high-grade quartz-electrum vein containing abundant visible gold (Nash et al., 1995). This hole led to an immediate increase in the exploration and development programs.

In February 1985, AMAX formally announced the discovery of the Sleeper gold deposit and open pit mine construction was approved in August 1985. The initial development plan called for construction of a 500 ton-per-day mill designed to produce 53,000 ounces of gold per year, with start-up scheduled for mid-1986. Mining initiated in January 1986 and mill commissioning began the following month. On March 26, 1986 AMAX poured its first gold bar from the Sleeper Gold Property three months ahead of schedule and little more than a year after the discovery had been announced. Although the mine plan called for production of about 40,000 ounces in 1986, the mine actually produced 126,000 ounces of gold during the year at an average cost of less than $60 per ounce, making it one of the lowest cost gold mines in the world at the time.

AMAX's initial capital investment was recouped in the first six months of operation. During those first nine months the head grade was 0.75 oz Au/ton, or more than twice the expected grade, owing to bonanza grades in the Sleeper vein (Redfern and Rowe, 2003).

Mill throughput exceeded design capacity during the first full month and was running about 30% over design capacity by the end of the year. In September 1986, AMAX began processing low-grade material in a heap leach circuit. Production increased to 159,000 ounces in 1987 (the first full year of production) and to 230,000 ounces in 1988 at an average cost of $103 per ounce (Proteus, 2002). Armed guards were hired to protect the high-grade, visible gold in the pit.

In 1993, annual production declined to 100,000 ounces at a cash cost of $317 per ounce. Cyprus Minerals and AMAX Inc. merged to form Cyprus AMAX Minerals Co. in 1994. AMAX suspended mining operations at Sleeper in 1996.

The Sleeper operation was designed to treat oxide mineralization by both milling and heap leaching. There was no flotation circuit in the mill to recover gold bearing sulphides. The early pit mill feed was

oxide material, but zones of sulphide mineralization were present in the pit. Reported gold production from the mill was 1,219,880 ounces and 438,609 ounces from heap leaching (Zoutomou, 2007). Silver production totaled approximately 2.3 million ounces.

The cover photo of this report shows the Sleeper pit today. The lake formed by the influx of ground water has filled the pit to within 110 feet (33.5 metres) from the crest of the original pit limits. The mill and crushing facilities have been removed and the mill area reclaimed.

6.3 X-CAL

In 1993, X-Cal acquired property around the Alma underground mine, which lies in the Awakening District to the southeast of the Sleeper pit, through an agreement with Leland York. X-Cal's surface mapping and sampling identified several areas of anomalous gold. X-Cal acquired additional land in 1994 and 1995, so that its holdings then extended to the limit of the AMAX Sleeper Property boundary. In April 1996, X-Cal and AMAX formed a joint venture to explore the Sleeper Gold Property, which included the land holdings of both X-Cal and AMAX.

In 1997, X-Cal entered into an option agreement with Placer Dome. During an intensive 40-day period from July 11 to August 20, 1997, Placer Dome reviewed the Sleeper Gold Property data in detail, completed a detailed aeromagnetic survey, and drilled 46 holes (30,992 ft (9,446 metres) of reverse circulation (RC) drilling; 5,509 ft (1,697m) of diamond core drilling). Revised terms to extend the agreement could not be agreed upon and the Placer Dome option expired.

X-Cal became vested as 50% owner of the Sleeper Gold Project, including the Amax Gold claims and Sleeper Mine Site Area.

In 1998, AMAX merged with Kinross. X-Cal negotiated a series of options to purchase the Kinross interest in Sleeper. From 1998 through 2003, there were several amendments to the agreements between X-Cal and Kinross (Proteus, 2002).

6.4 New Sleeper Gold

On January 9th, 2004 X-Cal and New Sleeper Gold Corp formed a 50/50 Joint Venture and acquired Kinross Gold's 50% interest in the Sleeper Gold Property. New Sleeper assumed management of the Sleeper Gold Property. During the period February 2004 to July 2005 money contributed by New Sleeper Gold to the Sleeper Joint Venture, funded exploration at Sleeper and completed 97,704 ft (29,780 m) of drilling. The drilling consisted of 2,260 ft (688.8 m) of sonic drilling, 37,315 ft (11,373.6 m) of RC drilling and 55,869 ft (17,028.9 m) of core drilling. In addition the Sleeper Joint Venture conducted trenching, electrical geophysical surveys (both IP and MT), ground gravity surveys, 'Quicksilver' mercury soil gas surveys, O2/CO2 soil gas surveys, geological mapping, extensive soil geochemical sampling, and aerial photography. The mill and crusher facilities were removed and the sites where these facilities formerly stood were reclaimed under the management of New Sleeper Gold Corp.

Commencing in August 2005, New Sleeper Gold and X-Cal began to equally fund work at Sleeper, as the initial Joint-Venture funding contributed by New Sleeper Gold had been expended.

During 2004 and to the end of November 2005, New Sleeper Gold LLC had generated approximately 6 to 7 million US dollars of new exploration data acquisition for the Sleeper Gold Property, exclusive of corporate overhead.

In May of 2006, X-Cal purchased New Sleeper's 50% interest in the project for a combination of cash and X-Cal common stock. The Sleeper Gold Property was then consolidated 100% into X-Cal Resources Ltd.

The following figure shows the areas of Sleeper that were under study during the Joint-Venture period.

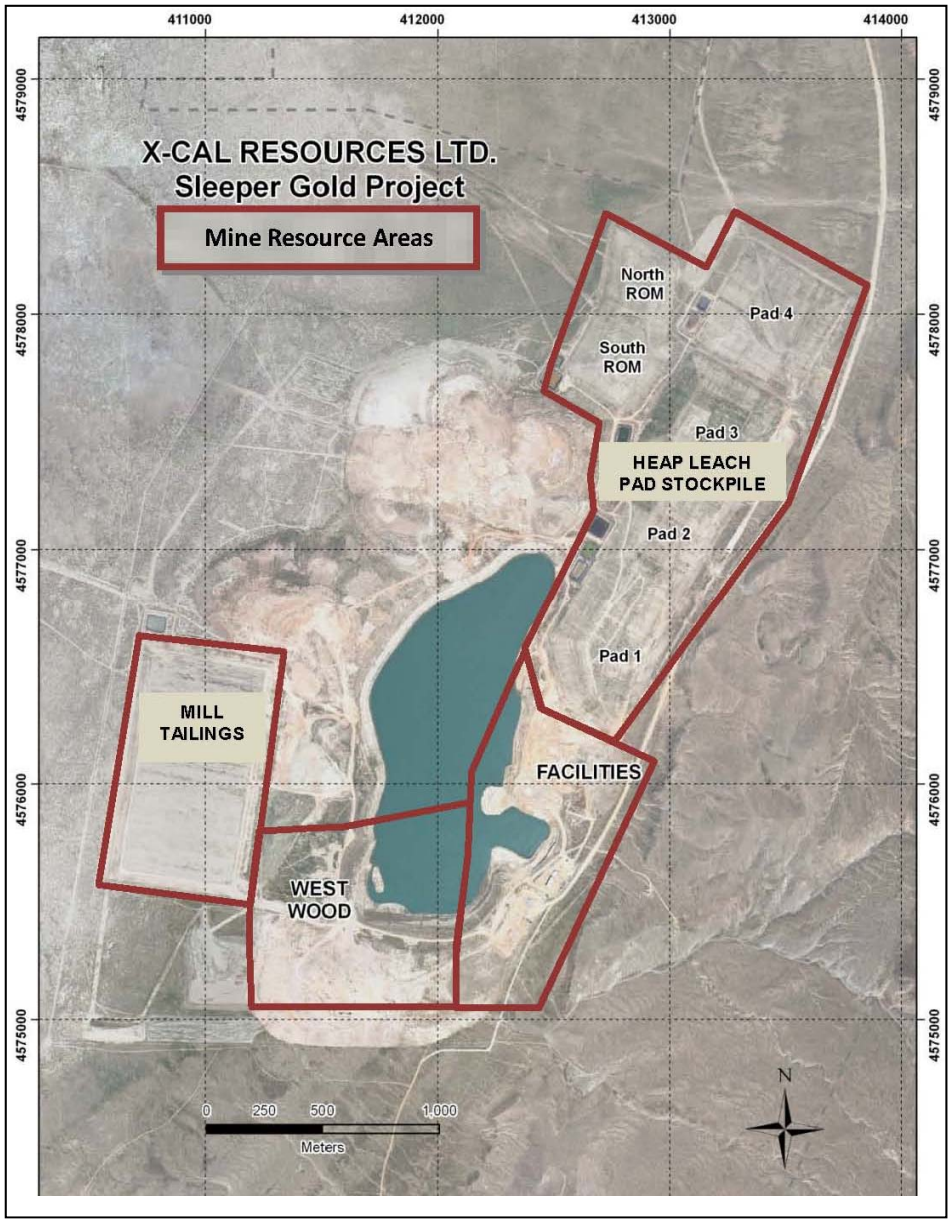


Figure 6-1: Sleeper Resources areas studied by the Joint Venture

6.5 Paramount

Paramount Gold and Silver Corporation acquired all the issued and outstanding shares of X-Cal Resources Ltd. in August 2010 by plan of arrangement.

Paramount through its subsidiaries, X-Cal Resources Lt., X-Cal USA Inc, New Sleeper Gold LLC and Sleeper Mining Company LLC control 100% of the 1,044 unpatented lode mining claims. All claims registered in the name of X-Cal USA are currently assigned to the New Sleeper Gold LLC.

Paramount drilling at Sleeper began October 11, 2010 and consisted of a diamond drill program of 19 drillholes totaling 18,065 ft (5,810 m) carried out by DeLong Drilling and Redcor Drilling, both of Winnemucca, Nevada. The Redcor core drill was mobilized to site October 26, and began drilling on October 30, 2010 and ended in February, 2011. Currently, a drilling programme is underway whose results are not included in this report.

The drilling by Paramount has focused on two mine area zones (West Wood and Facilities area) with the twin goals of verifying the existing model, and to demonstrate continuity/strike extension.

Current activities at the site involve exploration, permit maintenance and reclamation monitoring. The Project is currently operated as an advanced exploration project.

7 Geological Setting, Mineralization and Modeling

7.1 Regional Geology

The Sleeper Gold Property area is situated within the western, apparently older, part of the Northern Nevada Rift ("NNR") geologic province of Miocene age, along the western flank of the Slumbering Hills. The regional geologic framework and generalized local geology and stratigraphy are described below and are shown in Figure 7-1 (modified from Nash et al., 1995).

The core of the Slumbering Hills consists of Mesozoic meta-sedimentary rocks of the Auld Lang Syne Group and Cretaceous granitic intrusions (Willden, 1964). Tertiary volcanic and intercalated sedimentary rocks unconformably overlie the Mesozoic units locally in the northern part of the range. Much of the Tertiary volcanic units are thought to be outflow facies of the McDermitt volcanic field and related calderas to the north, with the volcanic rocks that host the Sleeper deposit originating from a local volcanic complex (Nash et al., 1995). Quaternary pediment gravels and aeolian sands lie to the west of the Slumbering Hills and cover much of the Sleeper Gold Property area.

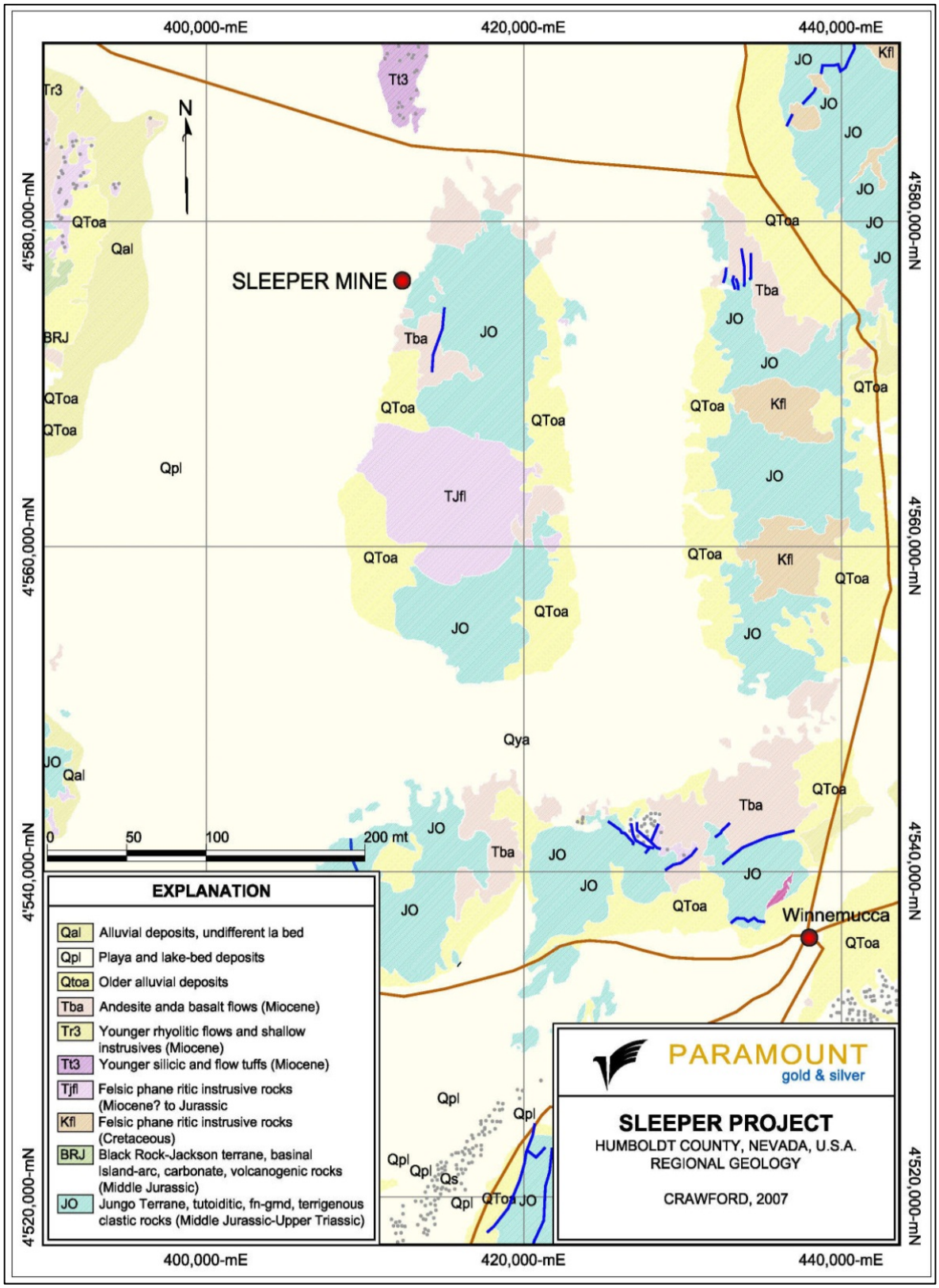


Figure 7-1: Regional Geology of the Sleeper area

7.2 Property Geology

The Sleeper Gold Property is located on the western flank of the Slumbering Hills, largely within Desert Valley. The rock units that underlie Desert Valley appear to have been down-dropped 3,000 to 3,300 ft along north-to northeast-trending normal faults along the western edge of the Slumbering Hills (Nash et al., 1985). Northwest-striking faults also are present, which may represent re-activated Battle Mountain-Eureka trend structures.

Basement rocks are exposed in the Slumbering Hills to the east of the Sleeper Mine and are comprised of the Auld Lang Syne Group of Triassic to Jurassic (?) age. The Auld Lang Syne Group is a sequence of dark, fine-grained slate, phyllite, quartzite, calcareous phyllite and local marble to granular limestone. These sedimentary units were deformed and weakly metamorphosed to greenschist facies during the Mesozoic (Willden, 1964; Burke and Silberling, 1973). The Auld Lang Syne rocks host the quartz-adularia-gold veins that were exploited at the Jumbo and Alma mines. A granodioritic to monzonitic pluton was emplaced during the Cretaceous (Willden, 1964) in the central part of the Slumbering Hills.

Tertiary volcanic rocks (Nash et al., 1985) unconformably overlie and intrude the Mesozoic rocks in the northern and eastern parts of the Slumbering Hills. The first unit deposited on basement was a sequence of volcaniclastic rocks and local volcanic flow strata of intermediate composition that is up to 650 ft thick. The age of this basal unit is uncertain; an age date of 17.3 Ma was obtained from adularia from a vein cutting this unit at the Jumbo Mine (Conrad et al., 1993).

The Intermediate lavas lie atop the basal volcaniclastic unit and are approximately 500-ft thick. This unit consists of a sequence of volcanic flows and flow breccias of dacitic to basaltic composition. A felsic, pumiceous lapilli tuff unit approximately 130-ft thick lies atop the Intermediate flows unit and is in turn overlain by the Sleeper rhyolite. The Sleeper rhyolite is the main host of gold mineralization within the Sleeper pit and consists of a sequence of flows, dikes, sills and flow domes of quartz-eye rhyolite with sanidine phenocrysts and local biotite. Similar appearing rhyolitic to quartz latite dikes and sills are found to the east and southeast of the Sleeper Mine in the Slumbering Hills. The age of the Sleeper rhyolite is approximately 17 Ma, but there are no direct age dates (Nash et al., 1995).

The Sleeper rhyolite is overlain by significant volumes of per-alkaline rhyolite ash flow tuffs, correlated with the tuff of Oregon Canyon (Nash et al., 1995). These tuffs, which are thought to post-date the gold mineralization at the Sleeper Mine, originated from calderas in the McDermitt area about 50 miles to the north at approximately 16.2 to 16.1 Ma (Conrad et al., 1993). This unit crops out in the northern Slumbering Hills, where it is up to 250-ft thick, contains soda amphiboles and is strongly welded.

Flows of the Awakening Rhyolite occur southeast of the Sleeper Mine capping a hill called ZZ Top and are up to 600 ft thick. They have been dated at 13.6 +/-0.7 Ma (Conrad et al., 1993). The Awakening Rhyolite appears to have formed several flow domes along normal faults and the rocks are generally fresh and little altered, in contrast to the strongly altered flows of the older Sleeper rhyolite (Nash et al., 1995). Some silicified but gold-poor dikes of this unit occur near the flow domes.

Pliocene (?) basalt dikes occur locally southeast of the Sleeper Mine and represent the youngest igneous unit recognized in the Slumbering Hills. Older alluvium (Pliocene to Quaternary; Nash et al., 1955) occurs in the Sleeper Gold Property area; weathered clasts with quartz veins and visible gold in gravel deposits were found overlying the main deposit at the Sleeper Mine. Airfall ash tuff beds dated at 2.1 Ma (Pliocene) by Conrad et al. (1993) locally overlie the Older Alluvium. Younger

Quaternary alluvium lies atop the Pliocene tuff beds, as valley fill in Desert Valley and as pediment gravels, alluvium, and colluvium along the flanks of the Slumbering Hills. A mantle of aeolian sand covers much of the surface of Desert Valley and the adjoining hills.

Basin and Range extension was first manifested in lacustrine and alluvial volcaniclastic materials that were deposited prior to 17 Ma, and in numerous high-angle normal faults with northerly to northeasterly strikes. Sets of northwest trending faults may have been initiated at or before this time, as certain faults with this orientation host quartz-adularia vein systems in the Slumbering Hills, such as at the Jumbo and Alma mines.

During late summer in 2006 an X-Cal drilling program was proposed to test several exploration targets located along the Range Front fault. RF-06-01 was located at the southern end of the iron stained scarp exposure that brought attention to the area during Amax's exploration program. The proposed target was to drill an angle hole west to east to intersect the Range Front fault at depth and continue into the meta-sedimentary rocks of the Auld Lang Syne Group. The drill hole intersected a heterolithic breccia zone and the meta-sedimentary contact earlier than anticipated. The volcanic breccia was in contact with the meta-sediments but did not appear to be a tectonic contact. This observation was not understood until core holes and additional RCD holes were drilled in the reclaimed Facilities Area (location of the demolished Amax mill, assay lab and crushing facilities).

Two core holes were drilled in the Facilities North resource area early in 2007. Meticulous logging of the drill holes identified cobbles and occasional boulders of altered vesicular basalt supported by a matrix of cryptocrystalline volcanic ash. Further inspection identified other volcanic clasts of various lithologies supported by the ash matrix. A "block in ash" texture (McPhie, Doyle and Allen, 1993), had been identified and the wide spread occurrence of the volcanic breccia throughout the Facilities Area was referred to as a volcanic unit given the name "debris flow". SRK is of the opinion that further work in reviewing the logging of these holes should be done in order to better describe this unit and see if this terminology is correct.

The "debris flow" is the primary host lithology for precious metals mineralization identified at the Facilities area. Thickness of the debris flow ranges from 100 feet (30 m) to 500 feet (150 m). Ash layers that are inter-bedded within the debris flow are not mineralized but do exhibit advanced argillic alteration. The ash units range in thickness from 5 feet (1.5 m) to 20 feet (6 m). The debris flow dips westerly towards the existing open pit and has been identified in core at West Wood. The banded veins with visible gold (electrum) and the higher grade sulphide breccias of West Wood are developed within the debris flow. The lower grade mineralization of West Wood favors the debris flow and is similar to mineralization found at the Facilities area.

Detailed cross sections developed during the geologic modeling process of Facilities (North and South) in 2007, defined a complex structural setting. The following is a summary of the structures and possible tectonic relationships presently identified.

A very prominent swarm of through going northwest structures (azimuth 325) cut through the Facilities North and South areas. Between the northwest trending structures are numerous northeast (azimuth 50) structures that are steep dipping and predominantly have downward displacement towards the southeast. A series of Range Front type structures (north northeast) down drops stratigraphic marker beds and/or contacts (volcanic sediments and meta-sedimentary rock contact) nearly 100 feet (31 m) westerly. Additional northeastern (azimuth 15-20) structures that parallel the

Sleeper vein, but have apparent up thrown movement on the western flank and an easterly dip direction, may be related to feeder structures for mineralization identified in the Facilities areas.

Five northwest trending structures were identified in Facilities North. The first of these structures projects southeast from the southeastern toe of leach pad 1. The spacing or periodicity between the remaining four structures is approximately 450 feet (137 m). The dip direction for these structures is southwest and measures approximately 75 to 80 degrees. Apparent strike slip movement for the first three and the fifth structure is right-lateral 50 to 100 feet (15 to 31 m). The fourth structure in this sequence may have an apparent left-lateral movement. Down dip offsets of the northwest trending structures were measured less than 50 feet (15 m).

The pattern of northeasterly striking structures developed between the northwest bounding structures reflect similar patterns of transverse and extensional fractures from brittle failure as had been identified by experimental ductile shear tests conducted by Borg and Handin, 1966.

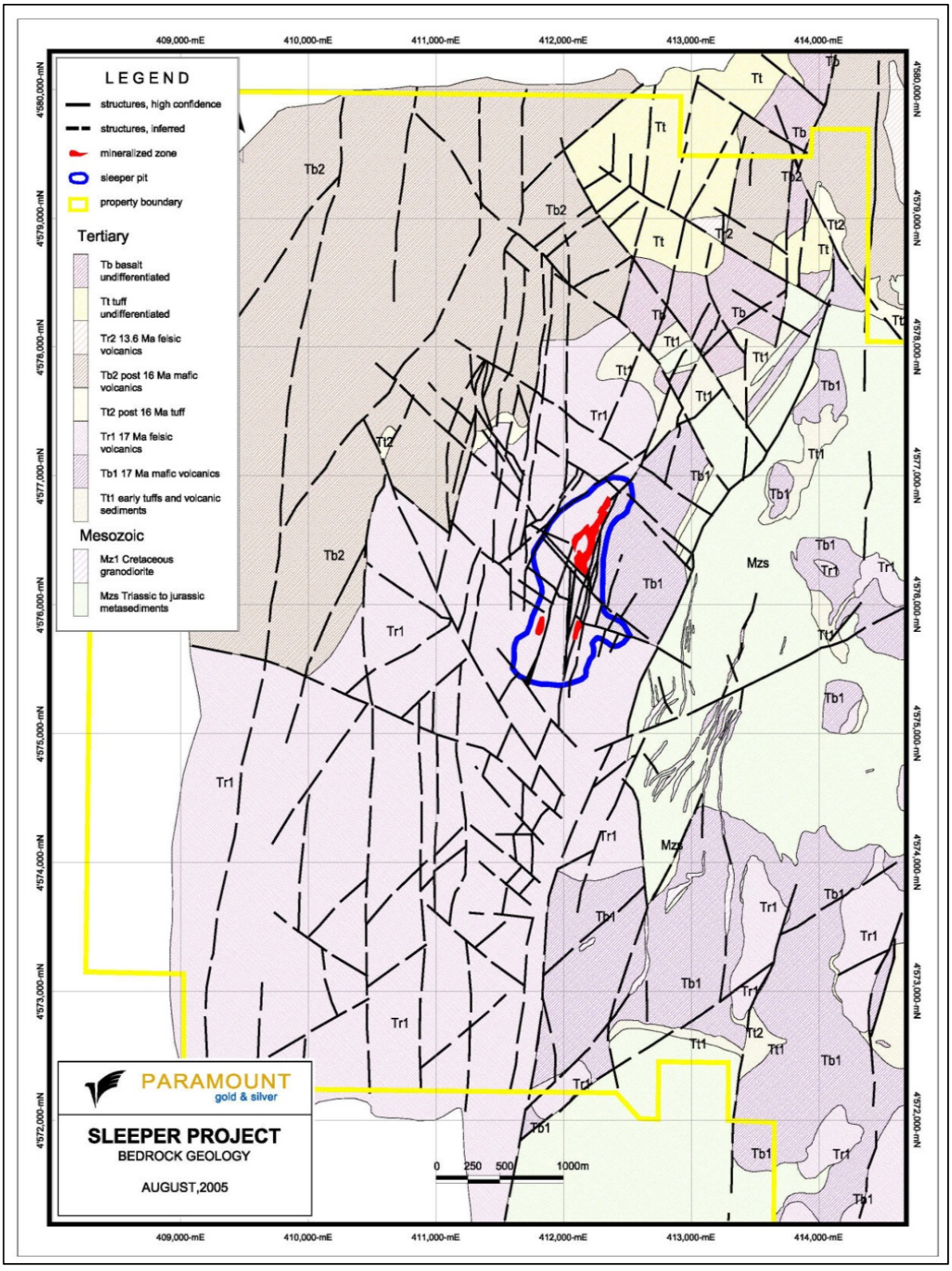


Figure 7-2: Sleeper Deposit Bedrock Geology

7.3 Mineralization

7.3.1 Mineralization and Alteration

Four main types of gold mineralization are found within the Sleeper deposit and may represent a continuum as the system evolved from a high level, high sulphidation system dominated by intrusion related fluids and volatiles to a low sulphidation meteoric water dominant system (Corbett, 2005, Utterback, 2005, Histed, 2005). In this setting the paragenetic relationships of the differing mineralization styles are as follows:

- Early -quartz-pyrite-marcasite stockwork
- Intermediate -medium-grade, silica-pyrite-marcasite cemented breccias localized on zones of structural weakness
- Late -high-grade, banded, quartz-adularia-electrum-(sericite) veins
- Post -alluvial gold-silver deposits in Pliocene gravels

AMAX mined all four types of mineralization, with high-grade material (> 0.1 oz Au/ton) processed through the mill and low-grade (0.006 to 0.1 oz Au/ton) material processed by heap leaching. All were mined by open pit methods from the Sleeper, Wood, and Office pits. The deposit was mined over a north-south distance of 4,500 ft (1,372 m) and an east-west width of approximately 2,100 ft (640 m). During AMAX's operations, the mill feed included the high-grade veins and breccias, while the heap leach feed included lower-grade breccias and stockwork zones. Alluvial gold zones were a special ore type, as they contained vein-bearing clasts with coarse-grained gold that had to be processed through the mill.

The high-grade bonanza veins are banded and composed of layers of quartz-adularia-electrum, with minor carbonate, barite, and late stibnite. Veins ranging from 1 inch to 20 feet in true width were mined in the Sleeper, East Wood, West Wood and Office vein systems. Numerous other narrower or shorter veins have been found in the course of drilling and mining, including several below the final mined pit, and some hosted within Auld Lang Syne meta-sedimentary rocks.

The mined high-grade veins showed good continuity along strike and dip, although the distribution of the highest-grade values was somewhat erratic. Detailed drilling and pit mapping show that the high-grade vein systems can be followed along strike for distances of more than 650 ft, although high-grade gold values and the veins themselves do not continue uninterrupted over these lengths. Veins locally averaged over 20 oz Au/ton within the Sleeper pit; one blast hole reported 195 oz Au/ton over 20 ft (6 m) and an RC drill hole intersected 162 oz Au/ton over a true width of 5 ft (1.5 m). The vein zones in the pit were localized primarily within the Sleeper rhyolite, although they are known to extend downward into the intermediate volcanic rocks and Auld Lang Syne strata. The veins did not show an appreciable nugget effect, as determined by numerous screen-fire gold assays performed by AMAX and X-Cal (Redfern and Rowe, 2003).

Medium-grade breccias in the mine, which were clast-supported and cemented by silica, pyrite, marcasite and adularia, typically assay between 0.1 and 1.0 oz Au/ton. The pyrite-marcasite content of the higher-grade breccias was notably higher than in the veins. The silver content in mined breccias was typically three to six times the gold grade. Much of the breccia mined by AMAX was within 20 feet (6 m) of the high-grade veins, occurring in both the footwall and hanging wall rocks, although they also occurred in discrete zones up to 10 ft (3 m) wide more that 150 ft (45 m) from

known veins. Individual breccia bodies were typically 3 to 10 ft (1 to 3 m) wide and graded laterally into less brecciated wall rocks cut by stockwork veins (Nash et al., 1995). Lower-grade stockwork and breccia mineralization accounted for approximately 20 percent of the gold production. Mineralized breccias extend below the depth of the Sleeper Mine open pits, as demonstrated by X-Cal drilling west of the Wood Pit, where the breccias are particularly rich in sulphides.

Alluvial gold mineralization of Miocene or Pliocene age was found and mined in the western part of the Sleeper pit. This Older Alluvium consists of poorly sorted conglomerates derived mostly from the weathering of altered Sleeper rhyolite and partly from vein/stockwork ores. Nash et al. (1995) stated that approximately 100,000 ounces of gold were produced from this material in 1990 to 1992 at grades of approximately 0.1 oz Au/ton.

7.4 Geological Modeling

Leapfrog Support Chile (LSC) was retained by SRK Chile to create a 3D Geological model of Paramount's Sleeper gold deposit in Nevada. The deliverable products of this work 3D meshes for Au and Ag mineralization and a lithological model of the study area, to be used as geological domains for resource estimation by SRK. Ernesto Jaramillo, Principal Geologist and Head of Resources at SRK Consulting in Santiago, Chile, worked together with LSC to check the models and verify the process and interpretations. This was also monitored together with Paramount personnel during several meetings held during the process of this study.

7.4.1 Methodology

Leapfrog Support Chile uses Implicit Geological Modeling Techniques in their projects, through Leapfrog Mining™ software, developed by Applied Research Associates New Zealand Limited (ARANZ). This methodology consists on using numerical data and user-defined parameters to calculate Volume Functions, from which iso-surfaces can be triangulated. This method eliminates or minimizes the need to manual digitization in 2D sections and plans.

Input data for a volume function can be any 3D georeferenced data, particularly drillhole intervals with assay, intensity or numerical property values. In the case of discrete geological data such as lithology, alteration or mineral zone, the data are converted to "volume points" in the software, through a process that incorporates compositing, dilution, time sequence and cross-cutting relationships into account. In the discrete case, each unit being modeled is represented by a separate set of volume points, which have a value of 0 in the contacts of the unit being modeled.

Geological criteria, critical components and their associated features such as distribution, variability, continuity and structural control are defined by the modeler and entered as numerical parameters, which are applied to the input data in order to create a volume function for each unit. The model can be divided in domains in which different parameters can be defined. Domain boundaries are commonly created from the structural model, which can be generated from the input data, imported from other software, or digitized in Leapfrog Mining™.

Finally, wireframes are constructed from the volume function, with user-defined fitting and triangle-size parameters. The final interlocking model is created by using Boolean operations (union, subtraction and intersection) according to the geological cross-cutting relationships.

Cowan et al. (2003) provide a more detailed description of the Geological Modeling Techniques and its fundamentals. A sample solid construction sequence is shown in the following figure. The upper

image shows the drillhole Au assay data. The middle image shows the drillhole data composited into included (Au > 0.3 ppm) and excluded (Au < 0.3 ppm) regions. The lower image shows the volume points generated from 5 m composited intervals and interpolated Au > 0.3 ppm. Structural trend anisotropy was used.

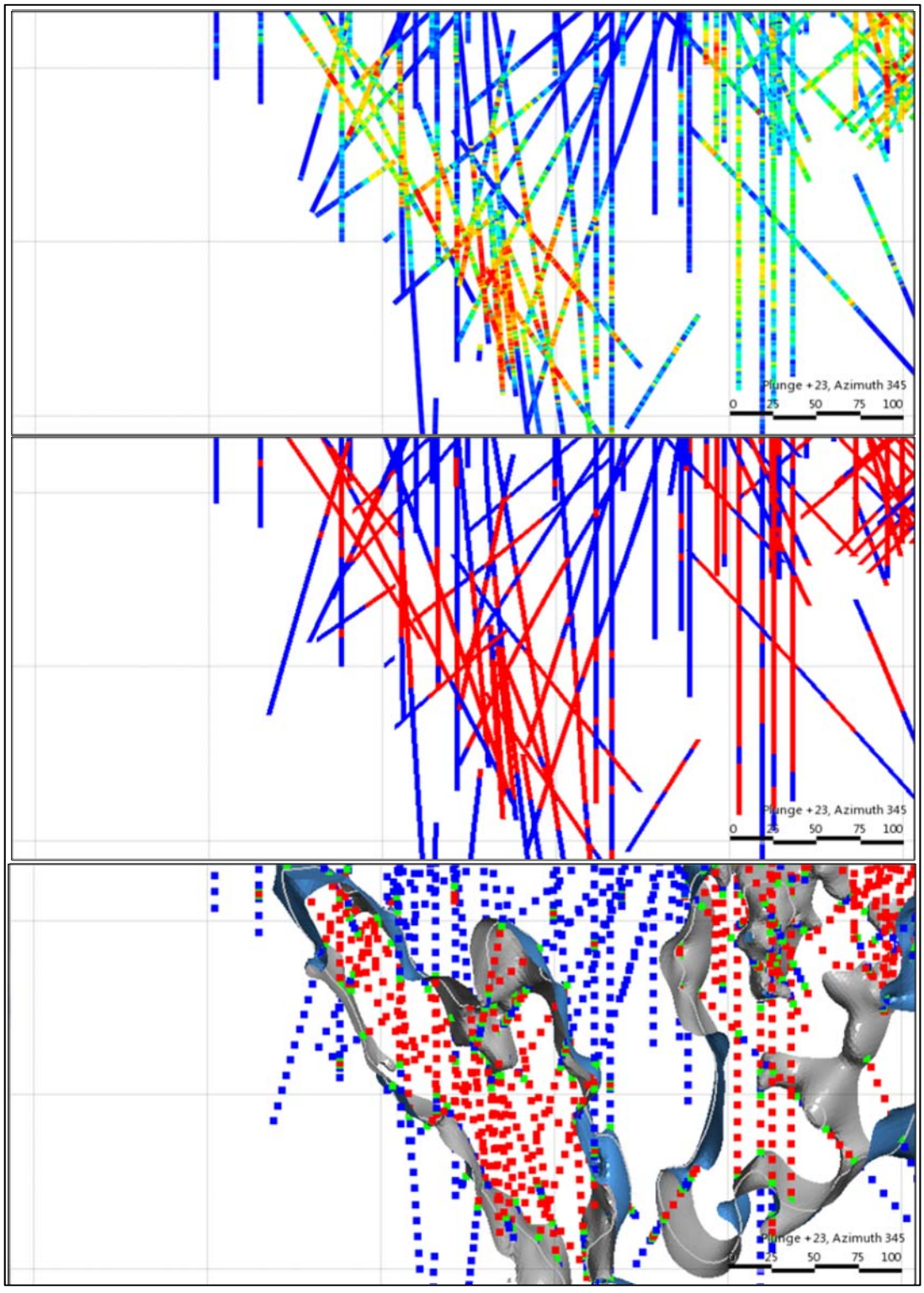


Figure 7-3: Example of implicit modeling of an Au mineralization zone (sliced view of the Westwood Area).

7.4.2 Summary of Geological Modeling Process

The following guidelines and hypotheses were used to guide the modeling process. They were obtained by reviewing the available literature (see references), from discussions with Paramount and SRK professionals and from the three-dimensional integration and study of geophysical, geological and geochemical information:

- The Sleeper deposit is located on the western foothills of the Sleeper range, in NW Nevada. It consists of an epithermal Au-Ag vein system controlled by an extension-related system of NW, NS and bed-parallel structures affecting stratified rocks.
- Country rock is composed of a Mesozoic metamorphic basement overlaid by a volcano-sedimentary sequence.
- The latter is intruded by a system of rhyolitic porphyry domes, whose N-S feeders structures appear to control the bulk of the vein mineralization (Conrad et al., 1993).
- Bed parallel structures related to the base of the rhyolite porphyry and the contact also act as control for Lower grade, disseminated mineralization.
- NW structures act as discontinuities for the main N-S veins, as well as hosts for lower grade mineralization.
- Alluvial gold is present in the overburden, which should be treated as a different domain.

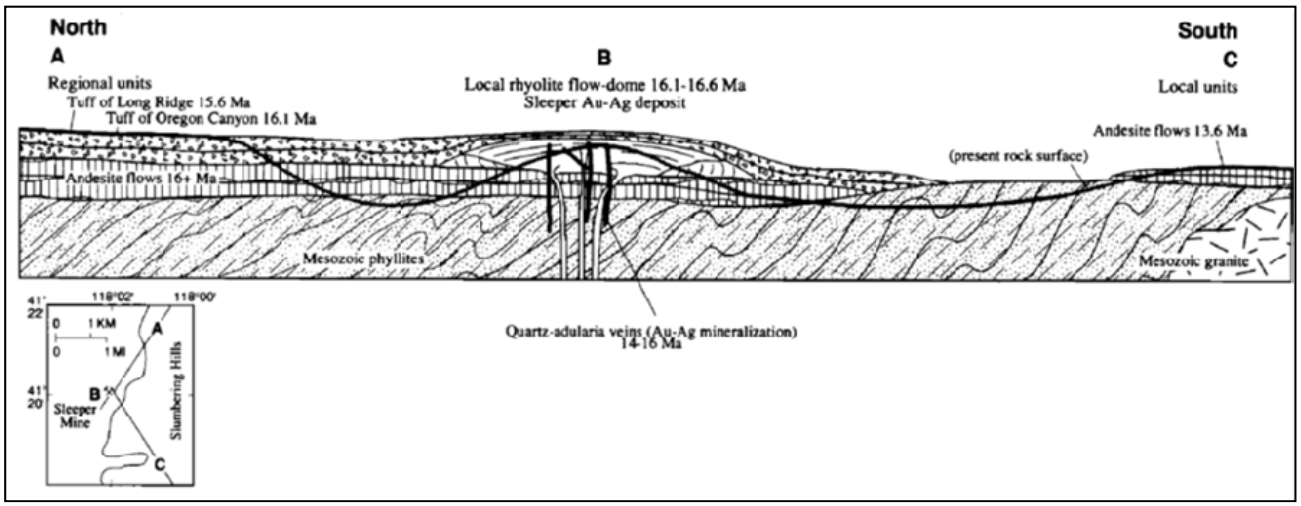


Figure 7-4: Schematic cross-section showing relationship between rocks exposed in the Slumbering Hills and at the Sleeper mine, prior to basin and range faulting and ensuing erosion and sedimentation (Conrad et al., 1993).

7.4.3 Structural Modeling

A structural model was created with the purpose of creating mineralized envelopes that properly represent the geological controls and anisotropy of the gold distribution. This is achieved by creating wireframes of the controlling structures, which are used to direct the interpolation of the Au grades by the "structural trend" feature in the Leapfrog Mining software.

All input data were integrated on a 3D scene. Blastholes and diamond and reverse circulation drillhole assay data most clearly showed which structures needed to be considered to direct the interpolation. These domains were not used as boundaries for the Au and Ag models, since mineralization appears controlled by but not limited to structures. However, some of the structures

were also observed to define hard boundaries for the lithological units, and were therefore used to define structural domains.

The figure below shows the Sleeper blasthole and drillhole data. The top figure is an inclined perspective view from the SE showing drillholes and assays as colour ranges. The middle figure displays the structural wireframes of principal vein controls (N-S) and discontinuities (NW), also in a perspective view. The bottom figure is a sliced view section (W-E) showing assays, vertical and bedding parallel structures, and local anisotropy (black ellipsoids) of the combined structural trend.

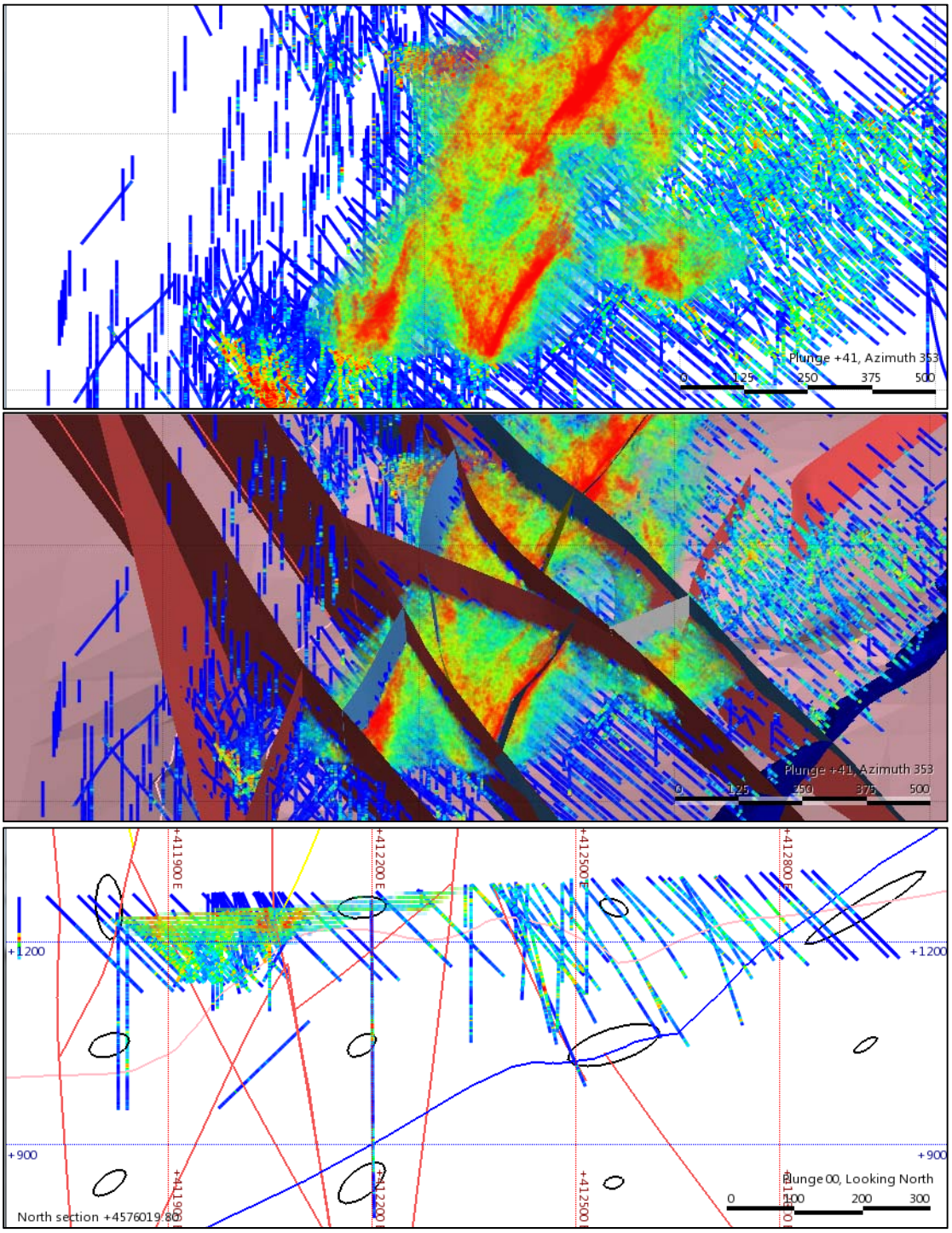


Figure 7-5: Sleeper deposit blasthole and drillhole data

7.4.4 Mineralization Model

The location and shape of the veins in the sleeper deposit are understood mainly by grade distribution rather than by geological drillhole mapping. Therefore, mineralized zones were modeled by defining two regions for Au grades and two for Ag grades. Once these regions were defined, a structural trend was applied based on the structural model. Alluvial deposits were modeled as a separate domain, using the same grade envelopes and a trend parallel to the base of the overburden.

As agreed with Paramount, grade envelopes were selected that represented vein and disseminated mineralization. The grade values selected were 0.3, 0.1 and 1 ppm Au, and 2 and 10 ppm for Ag.

These envelopes were constructed from volume points extracted from composited and filtered drillhole data, and by applying the above mentioned structural trend to the interpolation, with the exception of the alluvial mineralization for which a trend parallel to the base of the overburden was used.

In addition to the mineralization envelopes, three vein zone envelopes were digitized in Leapfrog using Bezier polylines and interpolated volumes. These envelopes were generated by request of Paramount, in order to restrict subsequent grade interpolations in the main areas (Facilities, Sleeper and West Wood).

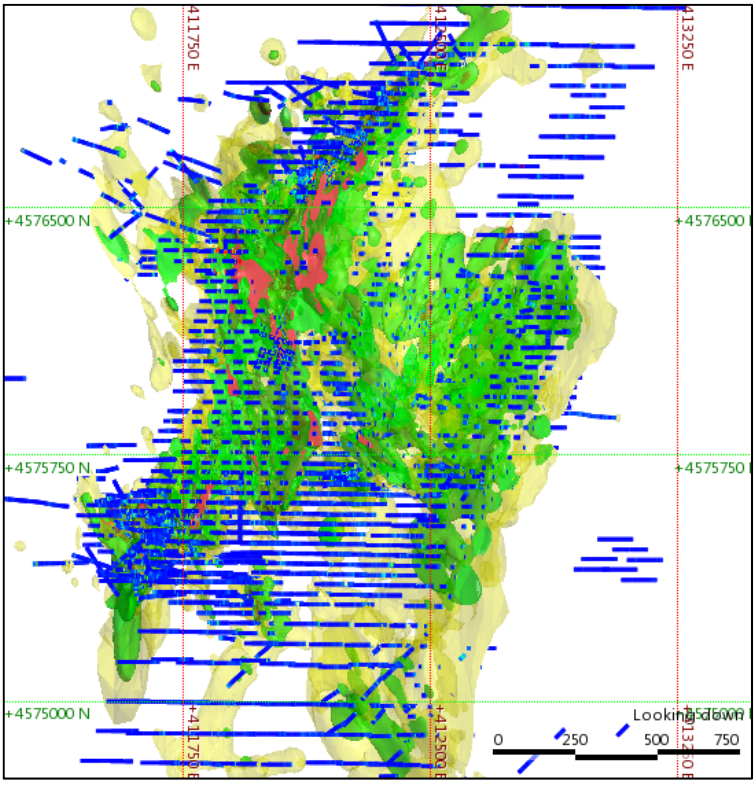


Figure 7-6: Plan view of Au wireframes (yellow > 0.3 ppm, green > 0.1 ppm, red > 1 ppm).

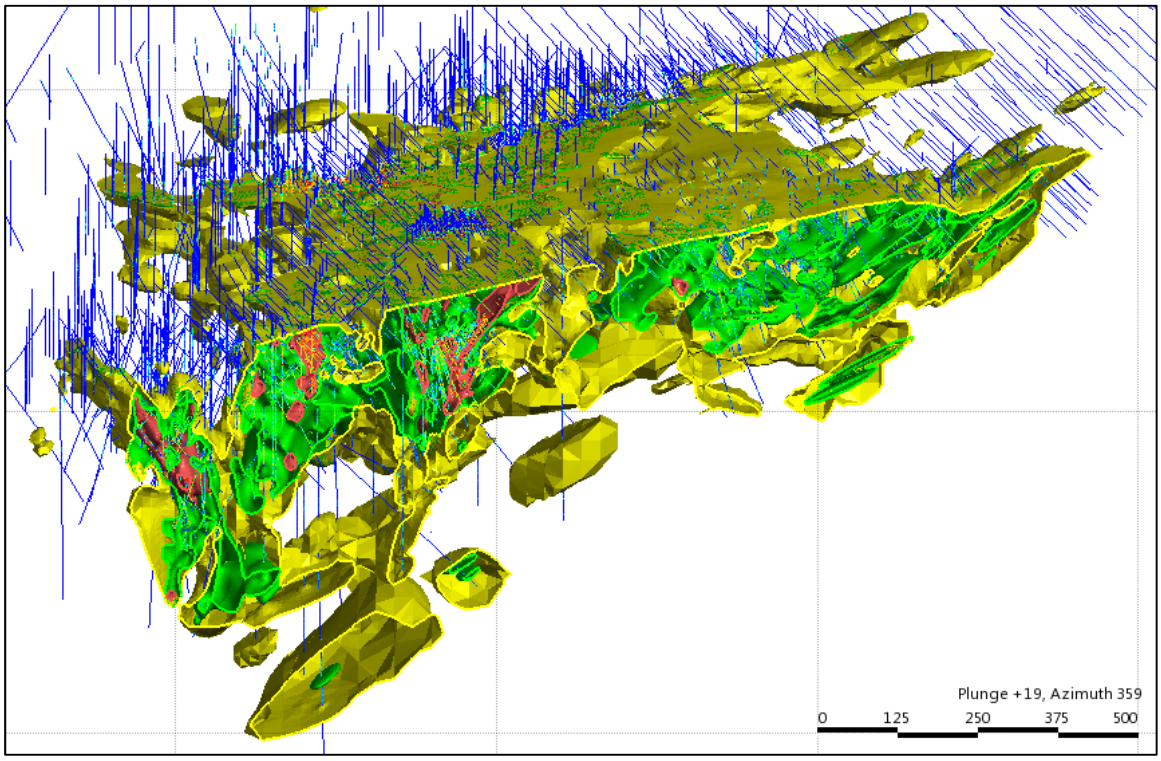


Figure 7-7: 3D Sliced view of Au wireframes (view from the SW).

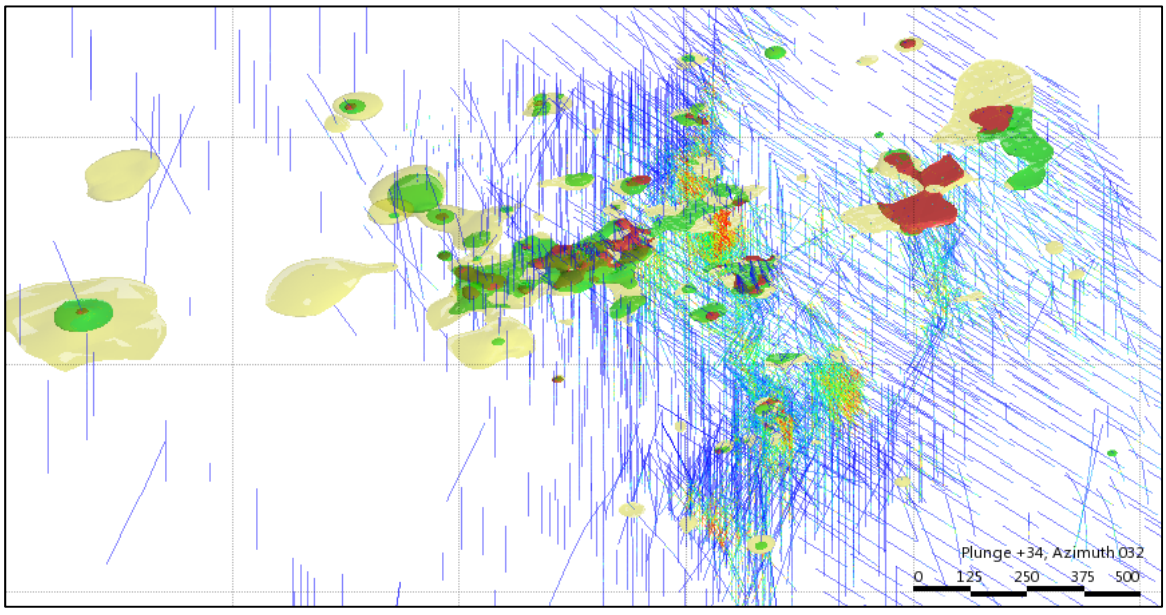


Figure 7-8: Alluvial Au wireframes (view from the SW).

7.4.5 Lithological Model

As reported by Paramount, the lithological database presented several inconsistencies that made interpretation difficult, especially by implicit modeling techniques. However, an attempt was made to group mapped codes, according to their description and spatial correlation, into geological units consistent with the geological interpretation of the Sleeper deposit, as agreed with Paramount. From these partitions, a lithological model was created for each of the structural domains. All groups were modeled as lithological units, except “Intrusive” which corresponds to a small volume of dikes. The “Ignore” group corresponds to intervals with no lithological information or inconsistent coding.

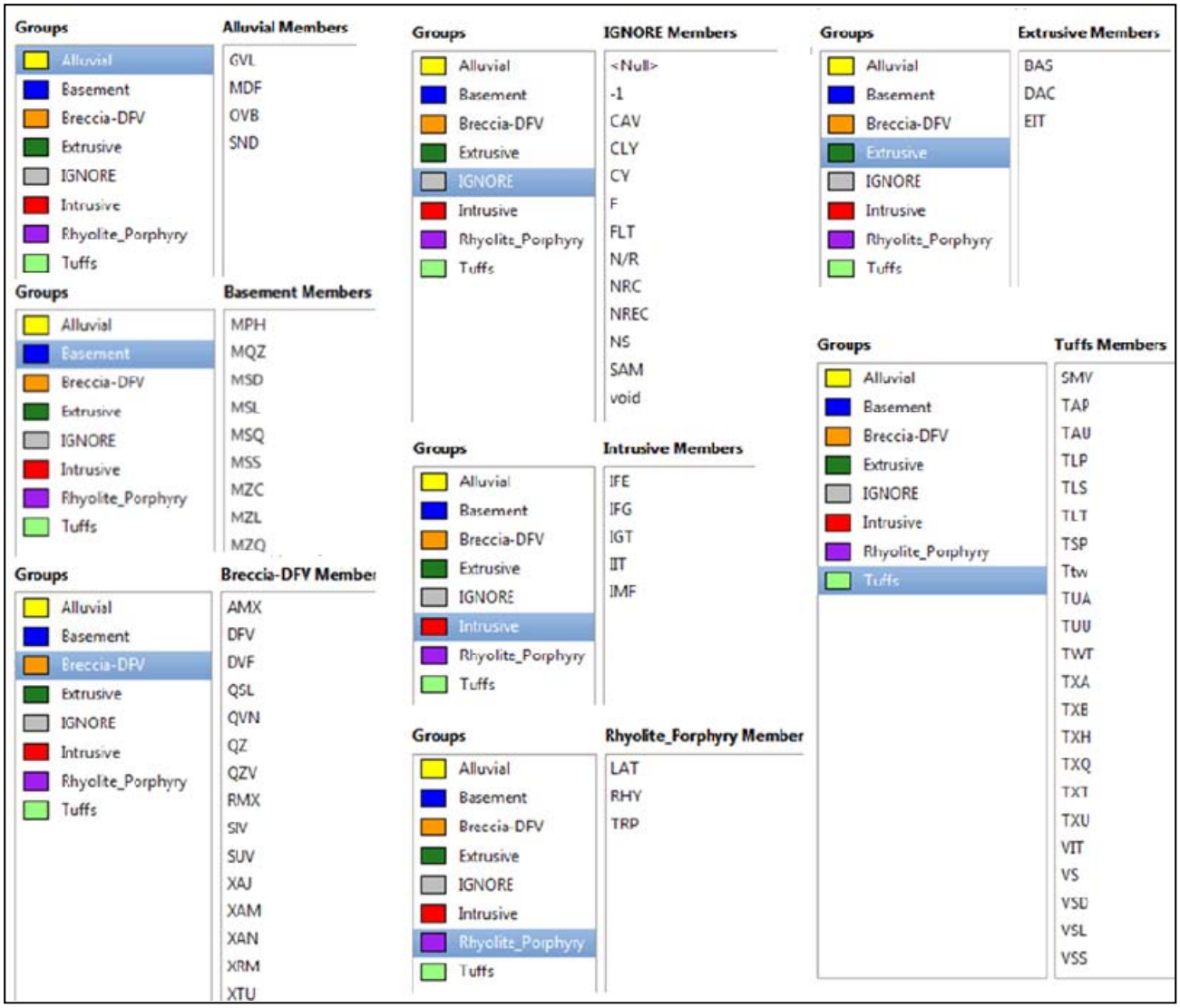


Figure 7-9: Code partition chart, Sleeper lithological model

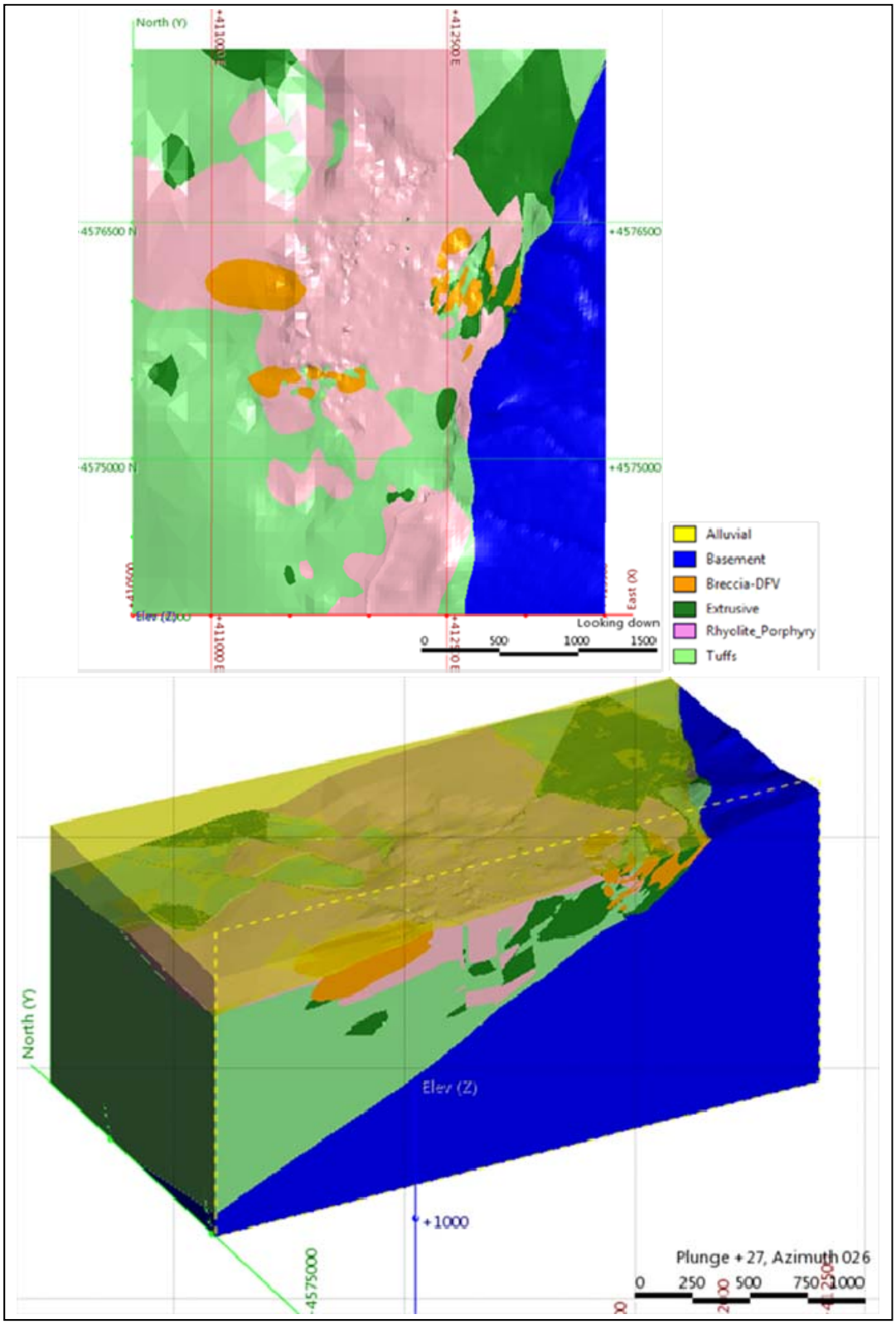


Figure 7-10: Lithological model: Plan view (below overburden) and sliced view from the SW

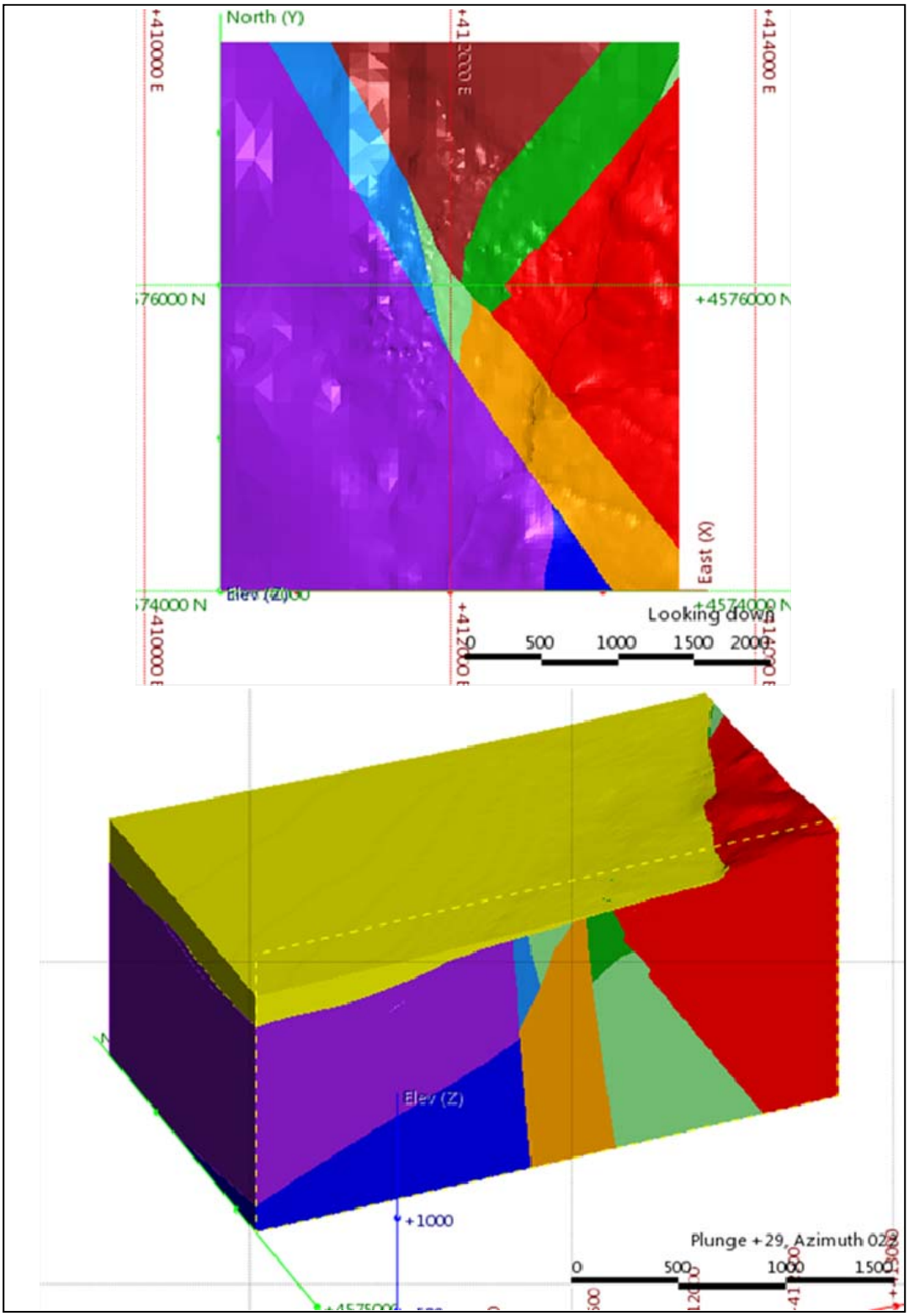


Figure 7-11: Structural domains used as hard boundaries for lithological model

7.4.6 Results and Recommendations

Wireframes

Wireframes for the following units were created:

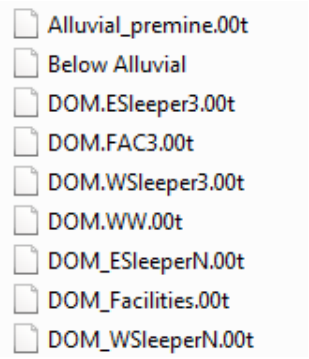
Mineralization model (9 wireframes):

- Alluvial Au: 3 envelopes (0.1, 0.3, 1 ppm)
- Alluvial Ag: 1 envelope (2 ppm)
- Below alluvial Au: 3 envelopes (0.1, 0.3, 1 ppm)
- Below alluvial Ag: 2 envelopes (2 and 10 ppm)

Lithological model split by domain (31 wireframes):

- Overburden
- Mesozoic basement
- Rhyolite
- Breccia-DFV (termed “Debris Flow” in previous reports)
- Andesitic volcanics
- Tuffs

Domains (9 envelopes):



Vein zone envelopes (3 wireframes)

- Facilities
- Sleeper main
- West Wood

Recommendations

- Au and Ag mineralization display bedding-parallel control particularly at Facility, related to what has been interpreted in the model presented here, as the base of the rhyolite, and the contact with the underlying Mesozoic basement. These mineralization trends, especially the latter, have not been extensively drilled, and present strong potential for continuity.
- Grades were used as a proxy for mineralization style (vein, stockwork and dissemination). Identifying mineralization style consistently in the database would allow modeling these features directly in a more geologically consistent fashion.
- The lithological units presented here are preliminary, based on the grouping of codes mapped by different companies over a long period of time. It is recommended that the partition suggested here be used as a basis for future drillhole logging review campaigns, in order to produce a lithological coding system applicable to the whole deposit.
- The structures used were determined primarily on the bases of Au grade distribution and previous interpretations and conceptual models. It is recommended that field and drillhole structural information be carefully reviewed and entered into a newly compiled and integrated database as a more detailed structural model will be necessary at a more advanced project stage.

8 Deposit Type

The Sleeper Mine mineralization consist of both high grade bonanza gold veins low in iron sulphides with silver: gold ratios <1 and low-grade stockwork gold mineralization associated with abundant iron sulphides that is characterized by silver : gold ratios of 3 to 10 (Nash et al., 1995). Nash et al. (1995) believe that the lower grade Sleeper Gold Property mineralization does not fit well in current geochemical classification schemes. They believe, however, that the widespread potassic (sericite and adularia) and silicic alteration indicate that this low-grade mineralization could be considered as a variant of the quartz-adularia class of deposit.

The spectrum of mineralization styles and the spatial relationships of those styles may suggest that the Sleeper Gold system demonstrates a continuum in mineralization from a modified high level, high sulphidation, intrusion related system dominated by magnetic derived fluids to a low sulphidation, meteoric water dominant system with a diluted magnetic fluid component (Corbett, 2005, Utterback, 2005, Histed, 2005).

The broad zones of silica sulphide breccias with elevated silver contents may represent a volatile rich event located above and peripheral to volcanic dome like features (Martin, 2005). The silica sulphide breccias identified in West Wood specifically core hole WW-14 -04 report gold and silver values up to 1.300 opt (44.585 g/t) Au and 74.768 opt (2,563.47 g/t) Ag. Crackle breccias and stockwork textures are part of this event. Extensive zones of clay alteration seen at Sleeper most likely formed at this time as the pH of the water was depressed after the exsolution of the volatiles from the fluid. ASD (analytical spectral data) studies indicate an abundance of kaolin species of clay, confirming the acidic environment of this event. Broad zones of silicification accompanied this event.

Subsequent to this early, elevated thermal energy event, waning of the intrusive activity and re-establishment of the hydrologic setting gradually evolved the system to a meteoric water dominant, low sulphidation system. Chemical buffering with wallrock allowed for the saturation of the near neutral evolved fluids with respect to silica. Dilution and buffering would have also inhibited the ability of the fluids to transport silver in the concentrations seen previously leading to the decreased silver content evident in the later vein style mineralization. Bonanza grade gold deposition appears to have resulted from the boiling of gold rich solution during these explosive events and as fluids mixed with the oxidized, low pH meteoric waters that resulted from the exsolution of volatiles after boiling (Corbett, 2005).

In addition to the Sleeper Mine style of mineralization, future exploration programs may target and expect more traditional low sulphfidation style mineralization, such as the Midas Style of precious metal occurrences (Goldstrand, 2000). Midas Style mineralization is also hosted in bimodal volcanic rocks and related to mid Miocene mineralizing events. Selenium minerals are an important part of the Midas system and manifest as silver selenides in banded quartz veins with bonanza grades. Trace element studies in 2004 and 2005 of various targets of the Sleeper Gold Property have demonstrated highly elevated levels of selenium as well. As mentioned by Goldstrand, “boiling textures” as bladed carbonate replaced by quartz are found in relation to bonanza grades of the Midas veins.

9 Exploration

9.1 2004 and 2005 Exploration Programs

The Sleeper Joint Venture under the management of New Sleeper Gold Corporation conducted the 2004 and 2005 exploration programs. The exploration program in 2004 included a total of 65 drill holes for 84,346 feet (25,715 m) of core, RC, RC pre-collar, and sonic drilling were completed during the year. During early 2005, drilling continued but at a reduced rate accomplishing 34 holes for 22,524 feet (6,867m) of mostly RC and lesser core drilling. The majority of 2004 and 2005 drill holes were located in West Wood, and Facilities drill targets. Six holes were also drilled under the pit. The drill program ended on August 7, 2005 and the focus shifted to gathering of data through a variety of surveys, data compilation and drill hole targeting.

Detailed surface studies and data collection surveys in 2005 included ASD mineralogical studies, soil geochemistry surveys, additional rock chip geochemistry, IP geophysics, additional Gravity geophysics, MT geophysics, Hg and CO2 soil gas studies, trenching, and multi-element ICP geochemistry and 3-dimensional studies of drill holes, and detailed GIS and 3-dimensional studies to better define future drill targets. Details of these studies are presented in the comprehensive report by Thomason, Kornze and Rowe, 2006.

The majority of the Joint Venture targeting studies came in after completion of the drilling program of 2005 by the Sleeper Joint Venture. X-Cal initiated a comprehensive program to review and compile all data following the buy-out using a team of professionals with a variety of geologic disciplines. The compiled 3-D geochemical, geological, geophysical model and all related data continue to evolve incorporating ongoing input from X-Cal's exploration.

9.2 2006 and 2007 Exploration Programs

During 2006, following consolidation of the Property 100% into X-Cal Resources Ltd., the X-Cal individual exploration team members provided their personal recommendations. Initial individual submissions for the Sleeper District totaled 227 drill holes or approximately 300,000 feet (91,440 m) of drilling. The exploration team reviewed the individual recommendations and 107 drill holes were designed to test the "priority mine scale targets". Vic Chevillon reviewed and summarized these target areas. Much of the following discussion is drawn from his in-house memo (Chevillon, 2006).

The Facilities area has been covered by domestic or processing attributes for over 24 years. The decision to define a mineralized resource in this area was placed into the 2007 exploration program. The mill and the crushing facilities had been removed allowing access to areas and targeted specific areas that had not been accessible since 1986.

The objective of the drilling program was to test the targets for Sleeper type gold deposits and alteration signatures (and variants) with the objective of making discoveries that can be mined by open pit or underground methods. The targeting process involved compilation and integration of all project data to date. New geologic controls on past ore bodies in the Sleeper pit have been recognized. Known historic gold ore bodies appear to have been deposited parallel to graben bounding normal faults within a Miocene, asymmetric, range-front graben succession. The better known ore bodies are west dipping on the eastern margin of normal fault-bounded, composite grabens. These horst and graben features are well defined by geologic cross sections and computer

generated 3-D models. The higher gold grades within the ore bodies may have been influenced by intersecting north-west, north-east and east-west faults and fracture zones.

9.3 Drill Targets Determined in 2006 and 2007

In the immediate open pit area, the emerging geologic deposit model correlates very well with multiple, interpreted geophysical surveys (inverted detailed air magnetic, inverted pre-mine IP, CSAMT data). The mineralized and altered Sleeper graben correlates with distinctive magnetic, gravity and resistivity lows. Up thrown horst blocks east and west of the pit correlate with respective geophysical highs. The geophysical correlations for the open pit host geology and alteration are aids to targeting. The correlations allow geophysical patterns in covered pediment areas surrounding the pit to be interpreted as indicators of the structural configuration of covered bedrock. Covered, potentially mineralized grabens are interpreted from the geophysics and these interpretations are supported by recent geochemical data.

Geochemical models in the open pit area depict geochemical and alteration zoning around the deposit (drill hole ICP, ASD alteration clay determinations including ammonia bearing clays proximal to ore). The zoning tends to indicate Sleeper is contained within a large hydrothermal alteration cell. An interstitial soil gas orientation survey documents high CO2, NH3 and locally SO2 anomalies and low O2 anomalies near the ore bodies at each end of the open pit and over the covered West Wood Breccia. In outlying covered areas (SW Target orientation area) soil gas anomalies correlate well with geophysical patterns of projected, covered grabens. Coincident soil gas anomalies, particularly CO2 in combination with NH3 are interpreted as remote surface evidence of covered mineralized and altered faults and veins in bedrock.

9.4 Geophysical Surveys

Geophysical work completed at Sleeper includes: magnetic, gravity, induced polarization (IP) and magnetic-telluric (MT) surveys. Both the historical work and the current work have been incorporated into a MapInfo GIS database to facilitate interpretations based on the entire data set. Consulting geophysicist James Wright, of J. L. Wright Geophysics Inc. is retained by X-Cal to advise on the selection and design of geophysical surveys at Sleeper, and to interpret the results from these surveys. Details of geophysical surveys are given in Thomason, Kornze and Rowe, 2006.

In the Sleeper open pit area there are excellent correlations of air magnetic, pre mine IP and gravity results with the modeled pit geology and alteration. The modeled grabens (and attendant horsts) correlate with the map and 3-D patterns in the inverted geophysical data. Therefore the geophysical information was interpreted and geology was projected into outlying covered areas of the targets.

9.5 Air Magnetic Survey

A 1997 Placer Dome detailed air magnetic survey (draped north-south and eastwest lines at 75 m intervals) was inverted in 2005. It shows the Sleeper ore bodies are within a distinctive magnetic low which is part of a north-south to northnortheast trending magnetic low surrounded by magnetic highs. In the open pit area the magnetic low correlates very well with the map and cross section pattern of the interpreted mineralized Sleeper graben and the highs, with surrounding horsts.

9.6 Geochemical Surveys

For the purposes of surface exploration geochemistry, the Sleeper Gold Property can be divided into 4 general domains:

- Pediment-covered basin
- Hills, where regolith is present
- Hills with exotic cover, including aeolian sands
- Disturbed mine areas

Geochemical surveys in the pediment-covered basin have included Hg vapor surveys, orientation CO2 soil gas surveys, and orientation pH surveys. Work in the hills has included more conventional soil and rock sampling, and limited ant hill sampling. Great care has been taken to avoid disturbed mine areas in all of these surveys. Details of the geochemical surveys are given in Thomason, Kornze and Rowe, 2006.

9.7 Surveying

On site, SRK checked survey reports of drill hole collar surveys for a selection of holes dating from September, 1986, which are the first records that Paramount has in their Winnemucca office. Specifically, several drill hole collar surveys were checked for programmes drilled during 1986, 1990, 1994, 1997, 2004, 2005, 2006, 2007 and the current Paramount 2010-2011 drill programme.

In addition, downhole surveys were checked for a selection of holes drilled from 2004 – 2007. Paramount is currently surveying downhole deviation on their holes as well. Deviation surveys from pre-2004 holes were not found and it is not clear if holes were surveyed when the mine was in operation until 1998. The majority of the holes drilled during mine operation, however, were relatively short and little deviation would be expected from those holes. SRK considers the survey data to be adequate for use in the modeling and estimation activities.

10 Paramount Drill Program 2010 – 2011

Drilling began October 11, 2010 and consisted of a diamond drill program of 19 drillholes totalling 18,065 ft (5,810 m) carried out by DeLong Drilling and Redcor Drilling, both of Winnemuca, Nevada. The Redcor core drill was mobilized to site October 26, and began drilling on October 30, 2010. The DeLong RC drill was mobilized to site and began drilling on November 15, 2010.

The drill campaign focused on two mine area zones (West Wood and Facilities area) with the twin goals of verifying the existing model, and to demonstrate continuity/strike extension. The table below summarises Paramount's drilling to May, 2011.

Table 10-1: Paramount drilling in 2010 - 2011

Hole #	Area	Type	NAD 27 zone 11			Collar		Proposed		Final TD	Start	End	Target
			North(m)	East(m)	Elev(m)	Azi.	Dip	TD (m)	TD (ft)	(ft)			
PGC-10-001	W Wood	Core	4575525	411616	1265	90	-85	350	1150	1153	10/30/2010	11/14/2010	sec 5525 dip extension
PGC-10-002	W Wood	Core	4575525	411616	1265	285	-75	230	755	757	11/14/2010	11/20/2010	sec 5525 model test
PGC-10-003	W Wood	Core	4575575	411615	1265	90	-85	350	1150	1101	12/1/2010	12/9/2010	sec 5575 dip extn and model test
PGC-10-004	W Wood	Core	4575575	411615	1265	270	-70	230	755	718	12/9/2010	12/14/2010	sec 5575 model test
PGC-10-005	W Wood	Core	4575635	411641	1258	270	-68	320	1050	893	12/15/2010	1/6/2011	WW stepout to North, sec 5625
PGR-10-001	W Wood	RC	4575625	411550	1270	270	-76	335	1100	1100	11/15/2010	11/20/2010	WW stepout to North, sec 5625
PGR-10-002	W Wood	RC	4575675	411537	1270	270	-70	310	1020	1020	11/20/2010	11/29/2010	field fit location for sec 5675
PGR-10-004	W Wood	RC	4575775	411630	1271	270	-70	310	1020	1020	12/4/2010	12/9/2010	WW stepout to North, sec 5775
PGR-10-003*	W Wood	RC	4575775	411570	1270	270	-70	310		500*	11/29/2010	12/3/2010	WW stepout to North, sec 5775
PGR-10-003CT	W Wood	Core	4575775	411570	1270	270	-70	310	1020	971	1/7/2011	1/13/2011	Core continuation of PGR-003
PGC-11-006	Facilities	Core	4576316	412575	1285	115	-53	300	985	859	1/14/2011	1/29/2011	Higher grade strike xtn; S-45 pad
PGR-11-012	Facilities	RC	4576254	412580	1290	115	-70	300	985	840	1/11/2011	1/16/2011	Higher grade strike extension
PGR-11-011	Facilities	RC	4576238	412508	1291	115	-55	320	1050	940	1/9/2011	1/11/2011	Higher grade strike extension
PGR-11-010	Facilities	RC	4576231	412408	1285	115	-50	375	1230	1080	1/5/2011	1/8/2011	Higher grade strike extension
PGR-10-008	Facilities	RC	4576094	412512	1290	115	-55	300	985	985	12/22/2010	12/28/2010	Higher grade strike extension
PGR-10-007	Facilities	RC	4576052	412483	1288	115	-55	360	1180	1180	12/17/2010	12/22/2010	Higher grade strike extension
PGR-10-005	Facilities	RC	4575963	412439	1286	115	-55	300	985	985	12/9/2010	12/11/2010	Higher grade strike extension
PGR-10-006	Facilities	RC	4576043	412388	1285	115	-65	330	1085	1085	12/14/2010	12/17/2010	Higher grade strike extension
PGR-10-009	Facilities	RC	4576116	412757	1301	115	-55	170	560	560	12/30/2010	12/31/2010	Higher grade strike extension

10.1 West Wood Area

The West Wood is a complex faulted and hydrothermally altered zone with local gold concentrations. Multiple episodes of brecciation have been identified in core samples. The gold mineralization is associated with silicified volcaniclastic rocks, and alteration containing high sulphidation quartz sulphide breccias. There is an overprinting of the high sulphidation mineralizing event by low sulphidation, auriferous, banded quartz veins. Light coloured to white clays of kaolin and illite fill cavities and voids produced from late stage acid leaching. The host rock types of the West Wood are the Sleeper rhyolite, a lapilli tuff and a volcanic breccia. Within the more altered and mineralized zones, silicification and quartz sulphide alteration have replaced and masked many of the original

volcanic textures. Gold mineralization is associated with marcasite and occurs as electrum and as visible particles within banded quartz veins. Antimony minerals including stibnite and kermesite are commonly identified proximal to and within more anomalous gold zones. Auriferous, banded quartz veins occur and are predominantly easterly dipping and crosscut quartz sulphide altered volcanic strata. The banding texture is derived from multiple stages of fluid transport saturated with silica and sulphides. Commonly, bands of dark sulphides and framboidal marcasite are parallel to the microcrystalline quartz bands.

Six core holes and four RC drill holes were completed at West Wood for a total of 9,520 ft (2,819 m). Mineralization, and to a lesser extent downhole geology, matched closely with the existing model. Step-out drilling to the north (PGR-10-003, 004) indicates a substantial narrowing of the West Wood zone, but the structure continues without significant structural offsetting.

10.2 Facilities Area

The main feature of the revised geologic interpretation of the Facilities area is the existence of a shallowly west-dipping, Miocene volcano-sedimentary sequence, apparently unconformable on and sub-parallel to the underlying Permo-Triassic meta-sedimentary basement. Within the Miocene package, a specific geologic unit of variable thickness is inferred by Larry Martin to host much of the gold mineralization, thereby accounting for its approximately tabular form. This unit, dominated by partly amygdaloidal basaltic andesite and volcaniclastic breccias, was interpreted as a debris flow.

10.3 Geologic Gold Controls Recognized

The Sleeper ore bodies that were mined by Amax were interpreted at that time to be hosted by the Sleeper Rhyolite, stratigraphically above a distinctive basalt marker unit. The contact defines a north and northeast trending complex of grabens and associated gold ore bodies. The host grabens contain second and third order basins (and small, “in-graben” horsts) within the main, mineralized Sleeper zone.

The largest and highest grade ore bodies (Main Sleeper Vein and Wood Vein) are west dipping on the east bounding faults of the Sleeper graben. The West Wood and X-Cal Discovery Breccia are smaller, lower grade and dip vertically or east on interior and west graben bounding faults respectively. In 3-D, gold grades appear to be best along structural intersections of north-west, east-west and north-south faults.

11 Sample Preparation, Analyses and Security

11.1 Sampling Method

Only limited descriptions of the sampling and quality-assurance/quality-control ("QA/QC") procedures followed by AMAX and Placer Dome are available. However, the authors have no reason to believe that these large mining companies did not follow good practice.

The sampling methods and approaches used by X-Cal and New Sleeper on behalf of the Sleeper Joint Venture for surface geochemical samples and drill samples were professionally undertaken and consistent with accepted industry standards. Details of the sampling procedures are included in Thomason, Kornze and Rowe, 2006. The sampling methods and procedures used by Paramount in their 2010 and 2010 drilling campaigns are also considered to be in keeping with industry best practices.

SRK found only limited documentation for sampling method, bagging, security, and transportation practices used by AMAX and Placer Dome. However, summary data sheets and summary reports prepared by these companies, their employees and geological consultants, and the analytical laboratories are available. Review of the summary reports, the sampling done prior to X-Cal appears to have been handled by analytical, geological and engineering employees, and professional mining consultants. It is not unreasonable to expect that these persons used sampling techniques in accordance with industry-accepted protocols. These organizations used accredited commercial laboratories in addition to in-house laboratories.

During the time period of 1994 to early 1997, Barry Smee PhD. headed X-Cal's exploration programs. Prior to its involvement in the actual Sleeper site, X-Cal had land holdings within near proximity to the Sleeper mine. Multiple exploration campaigns were conducted and quality control and quality assurance appear to have maintained a protocol of procedures in the handling, bagging, transportation, security, preparation, and analysis of exploration samples. Additional exploration programs after 1997 used that early foundation and further developed the procedures into the present quality control and quality assurance programs implemented at the present Sleeper Gold Property.

The sampling and assaying procedures utilized by X-Cal and New Sleeper on behalf of the Sleeper Joint Venture at the Sleeper Gold Project appear to have been professional and consistent with industry practice. Details of the sample preparation, assaying procedures and security are included in Thomason, Kornze and Rowe, 2006. Paramount has, in general, followed the same procedures since 2010.

11.2 Procedures for Drilling and Sampling

The following descriptions of QA/QC procedures were generally adopted beginning with the 2006 drilling program. The procedures as follows were further developed and refined during the 2007 exploration program. The following procedures can be considered as the norm for all drilling conducted since 2006.

11.3 Positioning Drill Equipment

Prior to the drilling programs of 2006, Desert Mountain Surveying of Winnemucca, Nevada, positioned two points located North/South relative to each other. A magnetic correction of 15 ½ degrees East was found to be the correct magnetic declination for the Sleeper Project during 2006 and 2007.

All drill sites, including core and RCD locations, were positioned and constructed by personnel employed by X-Cal Resources.

All proposed drill sites were located by using hand held GPS positioning devices. Drill hole collars were then surveyed once each hole was completed.

11.4 Collecting Core

Core was collected by a truck mounted Atlas Copco CS3001 core rig capable of drill depths in excess of 2000 feet (610 m). The drill equipment was owned and operated by EMM Core Drilling of Winnemucca, Nevada. Corrugated waxed cardboard core boxes were provided by the core contractor. Wooden blocks or plastic depth indicators were labelled and placed by the core contractors at the appropriate measured drill depths.

Preferred core size was HQ. Adverse drilling conditions preventing advancement of the HQ tools was remedied by casing the hole down to the problem zone. Occasionally a reduction to NQ tools was needed to continue the drill hole to targeted depth.

Core holes drilled in the West Wood target were pre-collared and cased to bedrock (approximately 160-210 feet (49-64 m)) using the RCD rig. Angle and vertical drill hole collar sites were pre-surveyed using a portable GPS positioning device.

Completion of each core hole was preceded by down-hole surveys conducted by International Directional Services of Battle Mountain, Nevada. After the completion of the drill hole and down hole survey the hole was abandoned by pumping a bentonite slurry from the bottom of the drill hole to within 10 feet (3 m) of the surface. The remaining surface plug was ten feet of Portland cement. Desert Mountain Surveying of Winnemucca, Nevada, conducted surface collar surveys for each core hole.

Core boxes filled with core were neatly stacked upon pallets and covered with a tarp at the drill site until the full pallet was transported to the core processing facility. The core was washed, geologically logged and sample intervals selected and labeled by the core geologist.

Drill core were then digitally photographed utilizing scale bars to easily position the exact down hole location within each individual core box. The core boxes were then positioned next to the sheds that contain self-feeding core saws.

Each piece of silicified or hard core was placed in a confinement jig. The maximum length was one foot. The jig positions the core's central axis producing two nearly exact volumetric halves after the core was cut. One core half was returned to its origin box and the remaining half was placed into a pre-marked 16"X19" (40X48 cm) sample bag. The more clay rich core intervals were hand chiseled into halves by the core technician or by a geologist.

The sampling technician independently logged the core sample intervals. Copies of the sample intervals were submitted to the assay lab and a copy was archived into individual core hole folders.

In addition, the folders contain copies of the geologic log, down hole survey, assays, hole abandonment sheets and surface collar surveys.

11.5 Reverse Circulation Drilling

The reverse circulation drilling (RC) programs for both late 2006 and 2007 utilized a Schramm 685, capable of drill depths in excess of 2,500 feet (762 m). The Schramm rig was owned and operated by DeLong Drilling and Construction of Winnemucca, Nevada. The crew consisted of one driller and two driller's helpers. The driller's helpers had multiple tasks in addition to their mechanical drilling duties which included sample bag numbering (including duplicates), chip tray numbering, sample and chip collection and sample storage at the drill site. All drill hands were responsible for a safe, clean and organized drill site.

The preferred RC drill hole diameter was 5¾ inches (14.6 cm) produced by a pneumatic hammer and carbide button bit. If water volumes exceeded capacities that prevented the advancement of the hammer tool or adverse conditions warranted the use of a tricone tool the hammer tool was tripped out of the hole and the appropriate tri-cone diameter was returned to the bottom of the hole. Occasionally a reduction to a smaller diameter of tri-cone was needed to complete the proposed drill hole.

RC samples were collected from the surface every 5 feet (1.5 m). Duplicate samples were collected from the rotary splitter every 150 feet (45.7 m).

The rotary wet splitter (splitter) was attached to the rear passenger side of the Schramm. The splitter was washed down after each completed drill hole. Once surface casing was completed, water and on demand drilling mud and hole conditioners were injected to suppress silica dust exposure and maintain the integrity of the drill hole.

The splitter had removable pie shaped platelets that are removed or added to maintain a consistent 20:1 volumetric split product at the exit end of the sample collection port. The sample exited the port straight downward into a 5 gallon (20 lt) plastic bucket. Once the 5 feet (1.5 m) drill interval was completed, another clean bucket was placed under the exit port. The sample bucket was poured into a pre-labeled 15"X17" (38X43 cm) sample bag. The sample bucket was rinsed once with fresh water and contents poured into the sample bag. The bag was tied and placed into a collection crib or crate that was provided to the project by American Assay. The crib provided an additional assurance against contamination by ground exposure. The duplicates, taken every 150 feet,(45.7 m) were collected by similar procedure and placed upon a black plastic sheet for drill site storage.

Drill rod changes have long been suspect for down-the hole-contamination during RCD drilling on other projects. At Sleeper, the end of the 20 feet (6 m) drill rod cycle was used to ream, clean and dress the walls of the last 20 feet drilled. The process was considered vital in maintaining a clean drill hole. Once the new rod for the next 20 feet was positioned, the rotation was started and down the hole pressures and water levels were allowed to stabilize. A screen was placed at the exit of the splitter and checked for debris that may have its origin from up hole. The sample bucket was re-positioned under the sample port only after the driller observed a clean return in the screen. This method took additional time, has proven to be a very effective method in minimizing down the hole contamination.

Completion of each RCD hole was preceded by down hole surveys conducted by International Directional Services of Battle Mountain, Nevada. After the completion of the drill hole and down hole

survey, the hole was abandoned by pumping a bentonite slurry from the bottom of the drill hole to within 10 feet (3 m) of the surface. The remaining surface plug was ten feet of Portland cement. Desert Mountain Surveying of Winnemucca, Nevada, conducted surface collar surveys for each RCD and core hole.

Compartmental chip trays (20 compartments) were used to archive drilled material from each 5 feet (1.5 m) of drill advancement. Each compartment's content was prewashed prior to filling the compartment with the aid of a fitted funnel. The process minimizes any contamination from other 5 foot (1.5 m) samples.

All chip tray intervals were reviewed by at least one geologist and logged for geologic attributes. The chip trays were archived by drill hole number and placed upon steel shelves located in closed buildings for later additional reviewing.

11.6 Paramount 2010-2011 Drill Programme

The drilling tubes provided by both drill contractors were in imperial measurements (feet). The sampling procedure of previous drill campaigns under New Sleeper Gold LLC was the template for the completed Paramount drilling campaign.

Drill samples generated at the drill rigs were transported to the onsite logging facility and stored inside a locked building. At no time, prior to surrendering control of the samples to representatives of the assaying company, were the samples handled by anyone other than the drilling contractors or the geologists onsite.

Because the program included both an RVC and core rig, there are some differences in sampling protocol.

Core Sample Length

The 2010-2011 drill core were sawn in half longitudinally into primarily 5-foot-long (1.5 m) samples, which were then shipped off site where they were assayed for gold, silver, and other metals. The range of sample length was generally capped at five feet, with a minimum sample length of 2.5 feet (0.75 m). In the West Wood area minor amounts of core were drilled which represent overburden above the bedrock; these intervals are not representative of the mineralization and geology of the host rock, and therefore, were not shipped for assay. Approximately 96% of the drill holes used HQ drilling tools and the remainder, NQ tools.

RVC Sample Length

The RVC campaign utilized 10-foot and 20-foot (3m and 6 m) sections of drill steel. All assayed samples from the RVC drill were in 5 foot (1.5 m) intervals. Flagging and paint marks were set on the drilling derrick to help with accuracy.

Drilling Conditions

Drilling conditions vary widely throughout the property. While generally absent in the Facilities area, overburden in the West Wood area is composed of up to 200 feet (61 m) of unconsolidated sand and gravel. Care was exercised when drilling the overburden section of the West Wood area, although no sections of overburden were included in material to be assayed.

Sample Quality and Procedure

To ensure the quality and reproducibility of assay results, check samples were inserted into the assay stream. For the core program, a random duplicate sample was inserted every 40 samples. Every 20 samples either a blank or a standard sample was inserted in the sample stream.

The RVC drill rig was working on a 24-hour, round the clock basis. To ensure that there were no problems inserting blanks and standard assay samples into the sample stream while no geologist was present, it was decided to only have duplicate samples associated with the RVC sample stream. As with the core program, duplicate samples were inserted randomly into every 40 contiguous samples of the RVC sample stream. This program was based upon the check sample protocol developed during the drilling campaigns completed under previous owners of the project.

11.7 Sample Control Procedures

SRK found only limited documentation for sample preparation, bagging, security, and transportation practices used by AMAX and Placer Dome. However, summary data sheets and summary reports prepared by these companies, their employees and geological consultants and the analytical laboratories are available. Review of the summary reports indicates that the sampling done prior to X-Cal appears to have been handled by analytical, geological and engineering employees and professional mining consultants. It is not unreasonable to expect that these persons used sampling techniques in accordance with industry-accepted protocols. These organizations used accredited commercial laboratories in addition to in-house laboratories.

During the time period of 1994 to early 1997, Barry Smee PhD., headed X-Cal's exploration programs and was responsible for the sample security, preparation and chemical analyses procedures. Prior to its involvement in the actual Sleeper site, X-Cal had land holdings within near proximity to the Sleeper mine. Multiple exploration campaigns were conducted and quality control and quality assurance appear to have maintained a protocol of procedures in the handling, bagging, transportation, security, preparation, and analysis of exploration samples. Additional exploration programs after 1997 used the early foundation procedures of 1994 - 1997 and further developed them into the quality control and quality assurance programs implemented at the Sleeper Gold Property since that period.

The sampling and assaying procedures utilized by X-Cal, New Sleeper Gold and now Paramount, appear to have been professional and consistent with industry practice. Details of the sample preparation, assaying procedures and security are included in Thomason, Kornze and Rowe, 2006.

The following descriptions of QA/QC procedures were generally adopted from the 2006 drilling program. The procedures as follows were further developed and refined during the 2007 exploration program.

11.8 Assay Submittal for Core and RCD

American Assay Laboratories picked up the sample shipments near the end of a 10-day drilling shift. Predominantly, one drill hole was placed in the shipping container. If additional room was needed to ship a few samples from another drill hole, a plastic liner separated the two sample sets. This procedure helped the lab personnel sort the core or RCD samples according to drill hole.

Duplicate RCD samples were collected from every drill hole on 150 foot (45.7 m) increments. The duplicate RCD samples were temporarily stored on plastic liners near the geology office. The duplicate samples for each individual drill hole once air-dried were placed in larger shipping bags labelled with drill hole numbers and intervals. The duplicate samples were stored at the Sleeper mine site until a shipment quantity "batch" would be ready for transport. The samples were hand delivered by Sleeper personnel to the ALS Chemex's preparation facilities located in Winnemucca, Nevada. Assay submittal sheets and standards accompanied the samples and copies of the submittals were retained by X-Cal for archive.

11.9 Duplicate Samples and Reference Materials

Duplicate samples were collected at the RCD rig every 150 feet (45.7 m).Duplicate samples of specific core intervals were selected from sample rejects after the principle lab preparation and assays were completed. Commercial standards of various gold concentrations (pre-packaged pulps) were introduced into the analytical lab's sample stream at the pulp stage.

11.10 Security

Prior to completion of an RCD hole, the chip trays were stored and secured by the drillers at the rig site after drilling hours. All chip trays were collected after completion of each specific RCD hole. Note: The fenced compound was locked after day shift ends and remained locked until day shift resumed the following day. During the day period the electric gate was unlocked and accessible to entry only through Sleeper personnel.

Core boxes filled with core were neatly stacked upon pallets and tarped at the drill site until the full pallet was transported to the core processing facility. The core was washed, geologically logged and sample intervals selected and labeled by the core geologist. All core boxes were then stored on shelves in the locked core storage facility on site. Paramount is following this same procedure for securing RCD and core samples.

11.11 Specific Gravity Data

The densities used in the SRK block model are average values of units grouped by lithology and mineral zone, beginning with a default value of 2.4 gm/cc. These densities are based on analyses done on diamond drill core. This distribution of density by group is shown as follows:

- Lithology 1 = 2.23
- Lithology 2 = 2.62
- Mineral Zone 1 and Lithology 3 = 2.19
- Mineral Zone 3 and Lithology 3 = 2.33
- Mineral Zone 1 and Lithology 4 = 2.31
- Mineral Zone 3 and Lithology 4 = 2.42
- Lithology 6 = 2.32
- Lithology 7 = 2.30
- Lithology 3 without Mineral Zone = 2.30
- Lithology 4 without Mineral Zone = 2.35

For the density sampling and testing programme carried out by X-Cal, samples of cut core (HQ) were measured for specific gravity by using ASTM International Designation: C97-02 as a guide to methodology. Testing was carried out at the American Assay Laboratory in Reno, Nevada.

Specific samples were pre-selected to test the various rock types and alteration identified in the Facilities Area and West Wood Area. The samples were obtained from intact core that had been sawed in half (lengthwise) for analytical analysis. The rock types varied from debris flow, crystal tuff, lithic tuff, volcanic sediments to meta-sedimentary rocks. Alteration phases included silicified breccias, whole rock silicification, potassic alteration (bleached silicic alteration) and partially clay-altered specimens. The sample sets of half core measured at the Sleeper site did not include samples of advanced argillic alteration (whole rock to clay alteration) due to procedural protocol that required soaking of the test sample in distilled water. The test samples of advanced argillic alteration fell apart and were compromised.

The half core specimens selected for specific gravity measurements were described by specific geologic attributes including alteration, lithology and oxidation state. Each individual sample was labeled with its origin on a smooth surface using indelible ink. The label identifying each sample included specific drill hole number and drill depth interval. The labeled samples were placed in plastic core boxes for storage and archive purposes. Prior to measurement sample sets each containing twenty specimens were place in a portable drying oven for 12 hours set at 105 degrees F. Note that the samples were half core and had been air-drying for a minimum of 30 days prior to oven drying process. A longer oven time interval was tested and 12 hours was found adequate for the minimum drying time that produced successive weight readings with the same weight. The dried specimens were returned to their appropriate core box and stored in a closed room until scheduled for testing.

The dried samples were weighed using an electronic digital scale specifically purchased and dedicated to the specific gravity testing task. The dry weight (measured in grams to nearest tenth of a gram) for each specific sample was recorded and the scale's calibration reset entered after each measurement. The sample sets were measured in lots containing 20 samples. After ten samples of a lot were measured the first sample of that lot was weighed again to confirm the weight measurement. After the last sample of the lot (number 20) was weighed and recorded, the number 10 sample was re-selected and weighed again to assure consistency.

The samples were then carefully immersed in distilled water contained in clean five gallon buckets for 30 minutes. A longer immersion time was tested (up to two hours) and weight measurements collected at 30 minutes, 90 minutes and 120 minutes were the same. It was concluded that 30 minutes was found to be the minimum time to allow the sample to adsorb the distilled water.

After 30 minutes in distilled water the samples were carefully removed and placed on towels for damp dry and surface dried by paper towels. Each specific sample in the twenty (20) sample lot was weighed and its wet weight (measured in grams to nearest tenth of a gram) recorded as per the same procedure as dry weight were collected.

Each sample is fully immersed in the distilled water and air bubbles removed from the basket and specimen. The basket is allowed to stabilize to a static state and the specimen's submerged weight (measured in grams to nearest tenth of a gram) is recorded. The same QA/QC procedure for the dry weight lot measurement is used weighing submerged samples. Sample numbers 1 and 10 of the

submerged lots are weighed again and the calibration reset after each specimen's weight procedure is completed.

12 Data Verification

12.1 AMAX Data

In mid-May 1997, Mineral Resources development Inc. (MRDI) was retained by X-Cal to assist in the evaluation of in-situ resources of the Sleeper deposit, monitor a program to obtain samples of material from the existing leach heaps and Mill Tailings from the impoundment area, establish and supervise laboratory metallurgical testing programs on samples of heap leach material and mill tailings and to evaluate the condition of the existing process plant facilities. The results of MRDI 's work was presented in three separate and stand alone reports. The titles of these three reports are as follows: "Modeling and Resource Estimation of the Facility, Saddle, West Wood and Silica Cap Areas", "Sampling and Metallurgical Evaluation of Existing Leach Heaps and Mill Tailings", and "Evaluation of Existing Process Plant Facilities". The resource model was completed in mid-August, 1997 (MRDI, 1997, Sampling and Metallurgical Evaluation of Existing Leach Heaps and Mill Tailings, Sleeper Gold Property).

During the 1997 study, MRDI selected 2,725 drill holes from a database of 3,732 drill holes. Using the project database MRDI selected five percent of the drill holes to verify collar coordinates down-hole surveys, geological logs and assay data.

The following is a summary of conclusions by MRDI:

Collar coordinates for early drill holes by Amax were difficult to verify and many of the original survey sheets were filed by date and not by specific drill hole. Later drilling by Amax and drilling by Placer Dome and X-Cal, the collar information (including azimuth and dip) was found to be reasonable.

The bulk of the reverse circulation drill holes by Amax were not surveyed down hole. All core holes were surveyed down-hole. MRDI checked all drill holes that were surveyed down-hole and found that there was no entry or data transfer errors from the original survey records.

Overall, MRDI found that the error rate in the assay database is very low at 0.1 percent (10 errors out of 15,588 records), which is well within industry standards (MRDI, 1997 Modeling and Resource Estimation of the Facility, Saddle, West Wood and Silica Cap Areas).

Larry G. Martin, CPG, who logged many of the X-Cal drill holes, provided MRDI with a detailed description of the protocol used by both X-Cal and New Sleeper Gold prior to and during the Sleeper Joint Venture for sample handling, sample preparation, assaying, check assaying and umpire assaying. These procedures and the chain of custody used were found to be satisfactory and SRK is in agreement with this conclusion.

SRK is of the opinion that the pre-2007 data available can be used in the continuing evaluation of the property. A large digital database is available for the Sleeper Gold Property.

12.2 2007 Assay Quality Control Programme

The assay quality control program used during 2007 called for the inclusion of duplicate samples, insertion of reference samples (standards), and regular submission of samples to a second laboratory for check analyses. The principal laboratory was American Assay Laboratories (AAL) in Reno, Nevada and the check laboratory was ALS-Chemex (ALS) in Reno, Nevada.

Prior to submitting samples to AAL, X-Cal had a stipulation protocol that drill samples submitted for assay would require an automatic check assay by AAL if gold values reported were greater than 3 grams and or silver values were greater than 60 grams. In addition, drill intervals that were inspected by the supervisory geologist and visually contained geologic features that accompany higher-grade mineralization, including but not limited to banded veins, dark sulphide bearing breccias, antimony sulphides or visible gold were reported to the lab prior to assay analysis. The principle lab preps the indicated higher-grade zone. Between each of the individual samples that have been highlighted by the supervisory geologist, 5 feet (1.5 m) for RCD and 2 ½ feet for core, a barren silica sand flush was used to clean the grinding equipment.

A total of 565 samples were assayed as check samples (565 samples to AAL and 565 duplicates to ALS). The standards inserted into the sample stream totaled 359. Results of the assay quality control program show generally acceptable gold assaying. For future drilling programs, additional check assaying is recommended.

12.3 Field Duplicates

For the 2007 programme, field duplicates were collected while drilling for the reverse circulation drill holes. Core duplicates were collected from processed core rejects that were returned to the Sleeper mine site by the principle laboratory (AAL) and then the same reject was sent to the secondary lab (ALS) for check analysis.

Although there are relatively few of these duplicate samples, the results show good agreement with no obvious bias.

12.4 Reference Samples

All reference samples used during 2007 were from Rocklabs of New Zealand. A total of nine reference samples were used during the period: seven are/were commercially available from Rocklabs. Standards Pa4 and Pa5 appear to be a special custom order from Rocklabs and were not characterized as their commercially available standards. Given that only five samples were assayed at one lab for characterization of these two standards, the accepted limits were set at +/- 10% of the expected values.

The gold results for the reference samples are generally acceptable with the calculated means within the acceptance limits. The most used reference samples show a slight low (-3% to -7%) bias for grades between 0.5 and 5 ppm Au. Below and above this range the results show a slight high bias. Many anomalous reports have had check analyses at a second laboratory (see below). Additional check assaying is recommended for reports with significant mineralization and anomalous standard results.

12.5 Assay Submittal for Core and RCD

American Assay Laboratories were scheduled to pick up the sample containers near the end of a 10-day drilling shift. Predominantly one drill hole was placed in the shipping crib. If additional crib room was needed to ship a few samples from another drill hole, a plastic liner separates the two sample sets. This procedure helps the lab personnel sort the core or RCD samples after delivery to the Sparks, Nevada preparation facilities and prevents co-mingling of drill holes located in different target areas.

Duplicate RCD samples were collected from every drill hole on 150 feet increments. The duplicate RCD samples were temporarily stored on plastic liners near at the geology office. The duplicate samples for each individual drill hole once air-dried were placed in larger shipping bags labeled with drill hole numbers and intervals. The duplicate samples were stored at the Sleeper mine site until a shipment quantity.

The samples in each batch were delivered by Sleeper personnel to the ALS Chemex's preparation facilities located in Winnemucca, Nevada. Assay submittal sheets and standards accompanied the samples and copies of the submittals were retained by X-Cal for archive.

12.6 SRK Data Verification

While on site during May, 2011, SRK personnel from the SRK Reno, Nevada office and from the Santiago, Chile SRK office, conducted a review of on-site available data. The mine office from the AMAX and X-Cal period is kept locked and secured. All original data such as drill hole logs, plans and sections, lab analyses certificates and records of drill hole collar surveys and down the hole surveys is kept in this office. Certain records such as lab certificates and collar surveys have been copied by Paramount personnel and those copies are in Paramount's office in Winnemucca, Nevada.

SRK searched through the data at the mine office and found that most original information appears to be intact. SRK would recommend, however, that Paramount take the time to inventory this information as it is a wealth of data for not only the history of the project during its operation, but also information of other exploration targets on the Sleeper property are carefully detailed and may add significant value to the project as a whole.

SRK also reviewed the QA/QC programme used by X-Cal starting in 2003. The following are the observations on the X-Cal and Paramount QA/QC programme from 2003 through May, 2011.

In the 2003 drill programme, American Assay Laboratory (AAL) check assay results are systematically higher than original assays from ALS Chemex. A roasting procedure dramatically increases Au-FA results from both labs. Overall, control sample results are high quality.

In the 2004 drill programme, all control samples, except one, have results in the acceptable ranges.

In the 2005 programme, no X-Cal QA/QC results report is included for this data set. SRK took the original data and made plots of Au and Ag results for all the control samples. There are 94 SRM samples and 12 blanks with data, in the set of 1834 RC and 743 drill core samples. Of the 2684 unique drill or SRM samples, 106 of them (3.9%) are SRM. This ratio is within the industry standard of 1 SRM per 20 to 30 drilling samples, 3.3-5%.

Each standard has a certified value and associated standard deviation for gold. Only Standard 8 has a certified silver value. For the rest of the silver results, mean and standard deviation were calculated from the data set for all samples, and with outliers excluded if they were very different from the rest of the data set. In these cases, the mean and standard deviation of the data set without outliers was plotted and the results analysed.

In the SRM results, there is a lot of variance, but a high or low bias is not apparent. Of the 94 certified SRM samples, 8 had masses greater than 3kg when checked in at the lab. Most of these samples have anomalous gold values. These samples may actually be drillhole samples that were labeled incorrectly, which would explain why most of the SRM outside of the acceptable range are much lower than the certified value. Three blanks and 8 SRM have values greater than the mean

plus 2 standard deviations. More samples than that have gold values less than the mean minus 2 standard deviations, so a low bias in gold results is possible, even if the anomalously low gold values are not considered.

Silver values are considered qualitatively, because there is a lot of variation, and only one SRM of five has a certified silver value.

Two RC holes have 8 field duplicates - 6 from SD-02-05 and 2 from BCP-08-05. Duplicate samples are designated in the Type field, but do not have “from” or “to” values to pair them with the original. It appears that check assays were not done at a second lab.

In the 2007 programme, the X-Cal report for this program is unfinished. However, it was noted that results for Standard Reference Material (SRM) samples are often biased high or low. A procedure for field and drilling QA/QC is included in the X-Cal report.

In the 2010 programme, control sample results are within acceptable ranges, with few exceptions. All industry standards were followed and met, except it appears that no check assays were submitted to an outside lab.

While the overall sample and analysis QA/QC programme between 2003 and 2010 is generally acceptable, there are some exceptions as noted above. In particular, it seems that in many cases duplicate coarse reject samples were not analyzed, and check assays were not consistently performed at another lab. SRK strongly recommends that Paramount review its current QA/QC follow up procedures to ensure that industry best practices are consistently followed in regard to controls on analysis so that corrections can be made before the programme is completed.

13 Mineral Processing and Metallurgy

Historically at Sleeper, AMAX processed ore by heap leaching and also by milling and flotation. The table below shows the following average heap leach Au head grades and recoveries for three selected years of production.

Table 13-1: Historic Heap leach head grades and recoveries (Au)

Year	Au Head Grade (g/t)	Au Recovery (%)
1989	0.70	52.4
1993	0.88	46.6
1995	0.74	42.0

An analysis of year-end mine production records shows the following mill recoveries and corresponding Au head grades for four selected years of production.

Table 13-2: Historic Mill head grades and recoveries (Au)

Year	Au Head Grade (g/t)	Au Recovery (%)
1989	13.44	94.24
1991	7.67	88.54
1993	2.73	72.72
1995	3.33	67.49

In 2009, Moose Mountain Technical Services (MMTS) prepared a Preliminary Economic Assessment (PEA) NI 43-101 report on the Sleeper project. The study contemplated three estimated production modules:

- Module 1: Heap Leaching New Oxide Ore
- Module 2: Mill and CIP for Reclaimed Mill Tailings and New Sulphide ore
- Module 3: Re-Heap Leaching of Heap Leach Pad Stockpile

Kappes, Cassiday & Associates (KCA) 2002, indicate that reported heap leach recoveries (at 32 operations) averaged 71% gold, and ranged from 49% to 90%. Typical recovery for silver is 45-60%. The Hycroft Mine (close to the Sleeper mine) May 2009 NI 43-101 report states that a 79.5% actual gold recovery was achieved from their Pad 4, and testwork on transition oxide and silicified oxide showed an average cyanide soluble gold recovery of 75%. These heap leach recoveries from the

Hycroft Mine are thought to be similar to what can be expected at Sleeper.

KCA bottle roll leaching tests on Sleeper oxide ore showed gold recoveries ranging from 51% to 97%, and silver recoveries ranging from 32% to 88%.

The KCA results also show that a significant amount of gold and silver is recoverable from heap leaching of sulphide ore at the Sleeper mine, however, precedence for suitable recoveries by heap leaching sulphide ores in Nevada is rare. The MMTS PEA considers that the potential to heap leach sulphide ore should be investigated by future metallurgical test work.

There is however, an abundance of metallurgical precedence for good recovery of gold and silver from sulphide ore by milling, flotation, and CIL (Carbon in Leach) or CIP (Carbon in Pulp) processing.

In a 1997 study done by Mine Resource Development Inc. (MRDI), they suggest that a mill with agitated leaching could achieve a tailings gold grade down to 0.002 opt (0.07 g/t). For the average Sleeper historical Mill Tailings grade of 0.679 g/t reported in the 2008 NI 43-101 Technical Report this represents a potential gold recovery of 90%.

The MMTS 2009 PEA assumes historical mill tailings and fresh sulphide has an average gold and silver recovery of 85% from a mill with flotation and agitated leaching in a CIP circuit. Economic sensitivity to metallurgical recovery is tested ranging from 80% to 90% gold and silver recovery.

The PEA states that reclaimed tailings will be treated by:

- Milling
- Gravity concentration
- Flotation
- Carbon in Pulp (CIP) – agitated leaching and carbon adsorption

The PEA assumes that previous (historic AMAX) processing did not sufficiently reduce particle size for efficient leaching. Work undertaken by KCA reported by Zoutomou 2007 did not investigate mineralogy and optimum particle size prior to leaching potential.

The PEA report also identified an opportunity to use a wide spaced drilling program to potentially extend the known mineralization into areas immediately adjacent to the newly defined mining areas.

There is currently limited information available regarding the physical characteristics and metallurgical response of each of the Sleeper resource types and hence the amount of resources that can be economically exploited.

A broad ranging metallurgical sampling and test program is required to establish preliminary metal recovery and process design parameters for all potential ore types and including the substantial in-ground sulphide resources that are evident at Sleeper.

A revised PEA, using the results of additional drilling; an updated geological model and resource estimate; and new metallurgical data, is required before advancing the project to the Pre-Feasibility level.

A large amount of data for the Sleeper Project has accumulated as a result of the work of AMAX, Placer Dome, X-Cal and the Sleeper Joint Venture. The data confirms that a largely unexplored epithermal gold system occurs within the claim block. Also, significant areas of known gold mineralization need drilling to define, delineate and quantify resources. Paramount is currently

evaluating how to proceed with this exploration potential.

Paramount has currently contracted Tetra Tech, Inc., to do further metallurgical studies and also to proceed with mine design.

14 Mineral Resource Estimation

14.1 Introduction

Paramount requested SRK through its Exploration vice president Mr. Glen Van Treek, to estimate the gold and silver resources for the Sleeper Project considering three areas of the deposit, Sleeper, Facility and West Wood.

The estimation work consists of the following:

- (Au) Gold Estimation
- (Ag) Silver Estimation
- Density Estimation
- Resource Classification

In order to provide an optimum block model, volumes, tonnage-grade relationships and density designations are calculated in order to have all the required and necessary information to assign to the appropriate modeled units.

14.2 Development

14.2.1 Geology

The geology used for this work corresponds to the interpreted models of lithology and the gold and silver envelopes. The mineralized area was estimated using indicator kriging. The models of lithology and gold and silver envelopes were created as 3D solids using Leapfrog software. Table 14-1 shows the solids provided by Leapfrog and the geological parameters assigned. Table 14-2 shows the codes assigned to each unit.

Table 14-1: Geological Solids

Solid 3D	Domain	Sector
DOM.ESleeper3_Ag_02ppm_2011.06.30.00t	Ag - 2.0 ppm	Sleeper
DOM.FAC3_Ag_02ppm_2011.06.30.00t		Facility
DOM.WSleeper3_Ag_02ppm_2011.06.30.00t		Sleeper
DOM.WW_Ag_02ppm_2011.06.30.00t		West Wood
DOM_ESleeperN_Ag_02ppm_2011.06.30.00t		Sleeper
DOM_Facilities_Ag_02ppm_2011.06.30.00t		Facility
DOM_WSleeperN_Ag_02ppm_2011.06.30.00t		Sleeper
DOM.ESleeper3_Ag_10ppm_2011.06.30.00t	Ag - 10.0 ppm	Sleeper
DOM.FAC3_Ag_10ppm_2011.06.30.00t		Facility
DOM.WSleeper3_Ag_10ppm_2011.06.30.00t		Sleeper
DOM.WW_Ag_10ppm_2011.06.30.00t		West Wood
DOM_ESleeperN_Ag_10ppm_2011.06.30.00t		Sleeper
DOM_Facilities_Ag_10ppm_2011.06.30.00t		Facility

Solid 3D	Domain	Sector
DOM_WSleeperN_Ag_10ppm_2011.06.30.00t		Sleeper
DOM.ESleeper3_Au_0.1PPM_2011.06.29.00t	Au - 0.1 ppm	Sleeper
DOM.FAC3_Au_0.1PPM_2011.06.29.00t		Facility
DOM.WSleeper3_Au_0.1PPM_2011.06.29.00t		Sleeper
DOM.WW_Au_0.1PPM_2011.06.29.00t		West Wood
DOM_ESleeperN_Au_0.1PPM_2011.06.29.00t		Sleeper
DOM_Facilities_Au_0.1PPM_2011.06.29.00t		Facility
DOM_WSleeperN_Au_0.1PPM_2011.06.29.00t		West Wood
DOM.ESleeper3_Au_0.3ppm_2011.06.29.00t	Au - 0.3 ppm	Sleeper
DOM.FAC3_Au_0.3ppm_2011.06.29.00t		Facility
DOM.WSleeper3_Au_0.3ppm_2011.06.29.00t		Sleeper
DOM.WW_Au_0.3ppm_2011.06.29.00t		West Wood
DOM_ESleeperN_Au_0.3ppm_2011.06.29.00t		Sleeper
DOM_Facilities_Au_0.3ppm_2011.06.29.00t		Facility
DOM_WSleeperN_Au_0.3ppm_2011.06.29.00t		Sleeper
DOM.ESleeper3_Au_1ppm_2011.06.29.00t	Au - 1.0 ppm	Sleeper
DOM.FAC3_Au_1ppm_2011.06.29.00t		Facility
DOM.WSleeper3_Au_1ppm_2011.06.29.00t		Sleeper
DOM.WW_Au_1ppm_2011.06.29.00t		West Wood
DOM_ESleeperN_Au_1ppm_2011.06.29.00t		Sleeper
DOM_Facilities_Au_1ppm_2011.06.29.00t		Facility
DOM_WSleeperN_Au_1ppm_2011.06.29.00t		Sleeper
Alluvial.00t	Alluvial	All
DOMS.Basement.00t	Basement	West Wood
ESleeper.E_Basement.00t		Sleeper
FAC3.Basement.00t		Facility
FAC.Basement_.00t		Facility
WSleeper3.Basement.00t		Sleeper
WSleeperN.Basement.00t		Sleeper
DOMWW.Breccia.00t	Breccia	West Wood
ESleeperN.DFV.00t		Sleeper
FAC.DFV.00t		Facility
DOMWW.Extrusive.00t	Extrusive	West Wood
ESleeper3.Extrusive.00t		Sleeper
ESleeperN.Extrusive.00t		Sleeper
FAC3.Extrusive.00t		Facility
FAC.Extrusive.00t		Facility
WSleeper3.Extrusive.00t		Sleeper
WSleeperN.Extrusive.00t		Sleeper
DOMWW.RHY.00t	Rhyolite porphyry	West Wood
ESleeper3.RHY.00t		Sleeper

Solid 3D	Domain	Sector
ESleeperN.RHY.00t		Sleeper
FAC3.RHY.00t		Facility
FAC.RHY.00t		Facility
WSleeper3.RHY.00t		Sleeper
WSleeperN.RHY.00t		Sleeper
DOMWW.Tuff.00t	Tuff	West Wood
ESleeper3.Tuff.00t		Sleeper
ESleeperN.Tuff.00t		Sleeper
FAC3.Tuff.00t		Facility
FAC.Tuff.00t		Facility
WSleeper3.Tuff.00t		Sleeper
WSleeperN.Tuff.00t		Sleeper
Caja_Pit.00t	Topography with pit	All
Caja_Premine.00t	Original Topography	All

Table 14-2: Variable Assignment

Geology	Variable		Type	Code
	Database	Block Model		
Litology	lito_s	lito_s	Alluvial	1
			Basement	2
			Breccia	3
			Extrusive	4
			Intrusive	5
			Rhyolite porphyry	6
			Tuff	7
Isograde Au	Dom_Au	Dom_Au	0.1 ppm	1
			0.3 ppm	3
			1 ppm	10
Isograde Ag	Dom_Ag	Dom_Ag	2 ppm	2
			10 ppm	10
Mineral Zone	Minz	Minz	Oxide	1
			Mix	2
			Sulphide	3

Based on the solids provided by Leapfrog and checked by SRK, a separation was made based on the solids of 0.1 ppm for Au and 2ppm for Ag. This separation is shown in Table 14-3.

Table 14-3: Sectors by grade

Geology	Variable		Type	Code
	Database	Block Model		
Au Sector	Sec_Au	Sec_Au	Sleeper	1
			Facility	2
			West Wood	3
Ag Sector	Sec_Ag	Sec_Ag	Sleeper	1
			Facility	2
			West Wood	3

14.2.2 Database

A) Files

Four databases have been used for the estimation process. These databases are:

1.- Drillholes: sle0711.son.isis. This drillhole database has in the ASSAY table the Au and AG grades in ppm. In the DENS table, it has the density data. Additionally, it contains the table for Collar and Survey.

2.- Grade Composites: sle0711.crl.isis: This is the composite database used for all Au and Ag grade estimation.

3.- Geology Composites: sle0711.geo.isis: This is the composite database used to estimate the separation between the area of oxides and the area of sulphide.

4.- Density Composite: sle0811.den.isis: Is the composite database which contains the density data.

It is important to point out that drillholes were converted to grade composite samples by the Run Length method, where each interval of grades were composited at a constant length equal to 1.5 m. Figure 14-1 shows the composite length distribution, from which 1.5 meters was determined as the composite length.

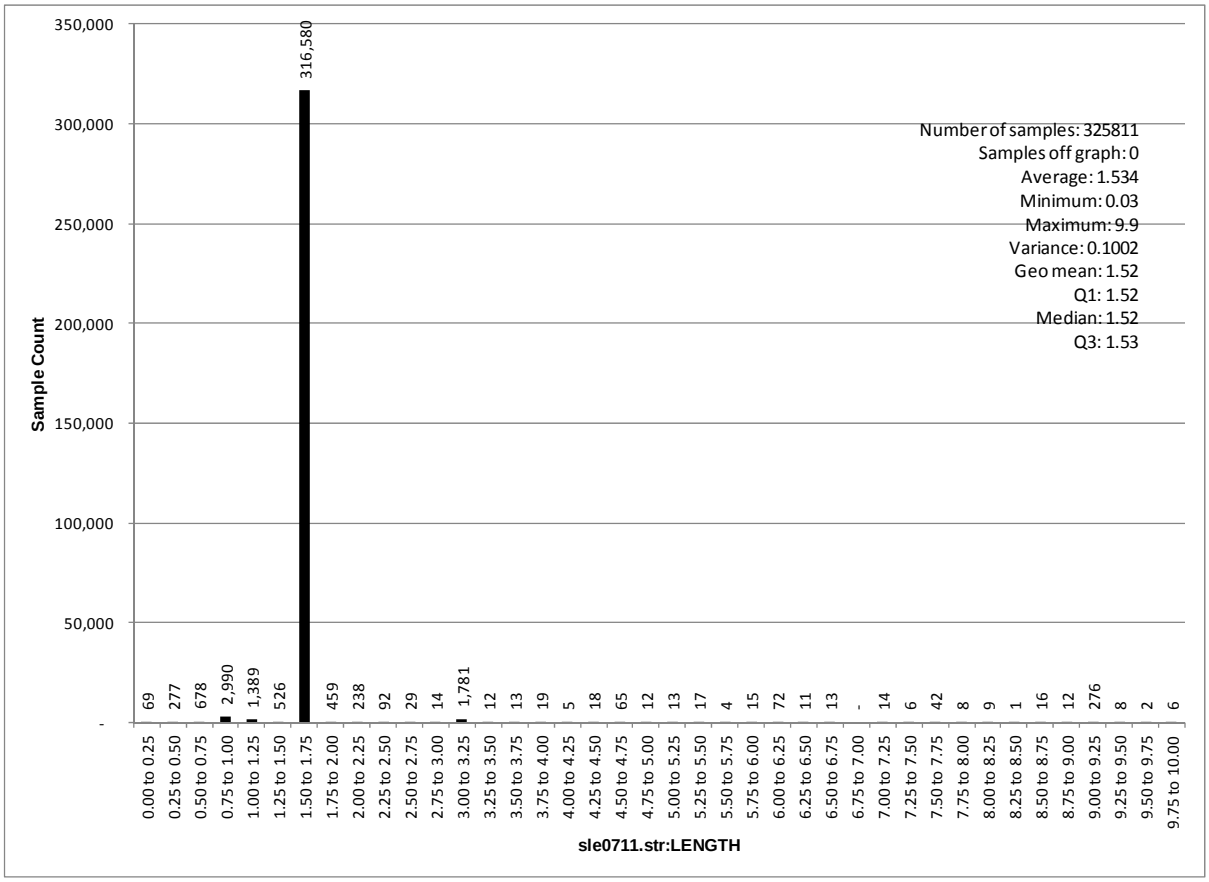
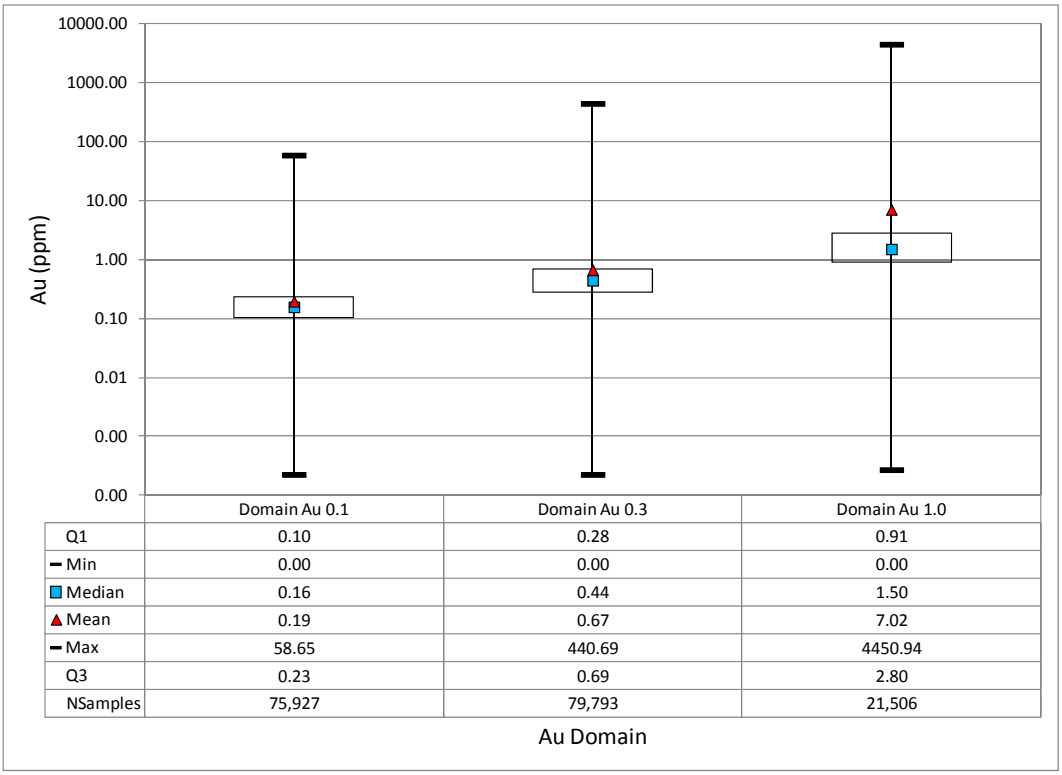


Figure 14-1: Sample Length Histograms

B) Au Statistics

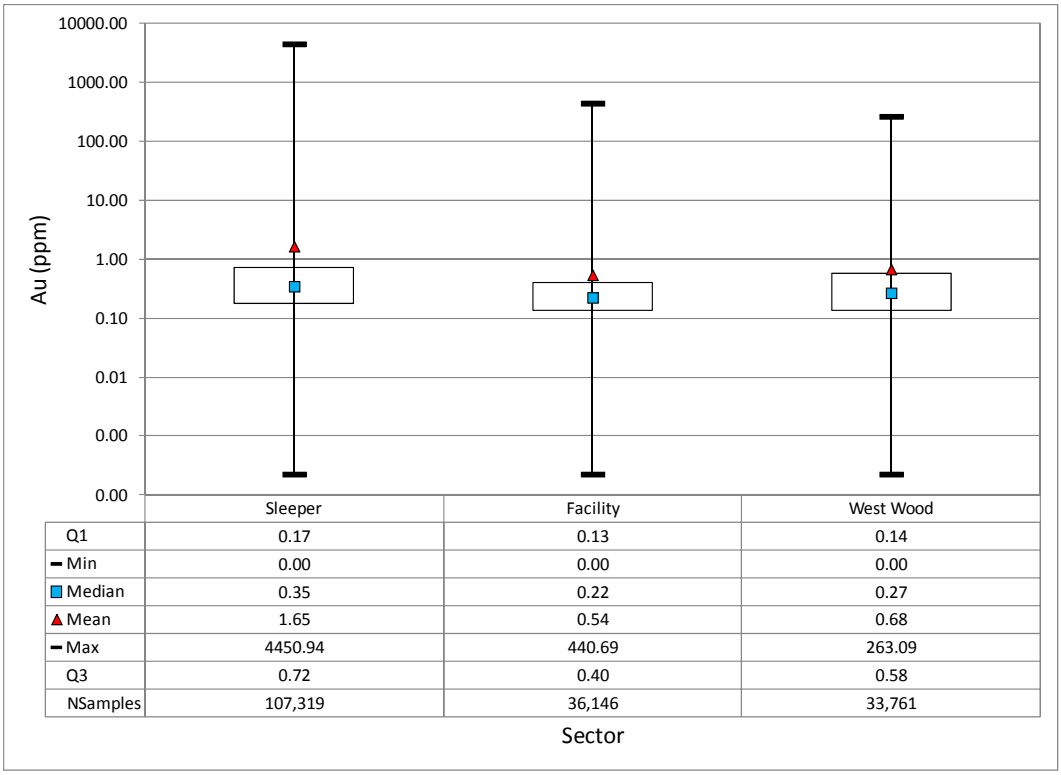
With the grade composite file, basic statistics for Au in each of geological units were created. These statistics are shown in the Box Plots graphic and are shown in Figures 14-2 to Figure 14-8. Upon analysis, the following became clear:

- By separating grades by envelope domains, naturally, the higher areas have better grades.
- The Sleeper area has a better grade with an average of 1.65 ppm, West Wood averages 0.68 ppm and Facility, 0.54 ppm.
- In general, the rhyolite lithology has higher grades.
- In Sleeper, average grades within the rhyolites, breccias and tuffs exceed 1.0 ppm.
- In Facility, rhyolite also has higher grades and there are more data.
- In terms of mineralized breccias, West Wood is the most attractive.



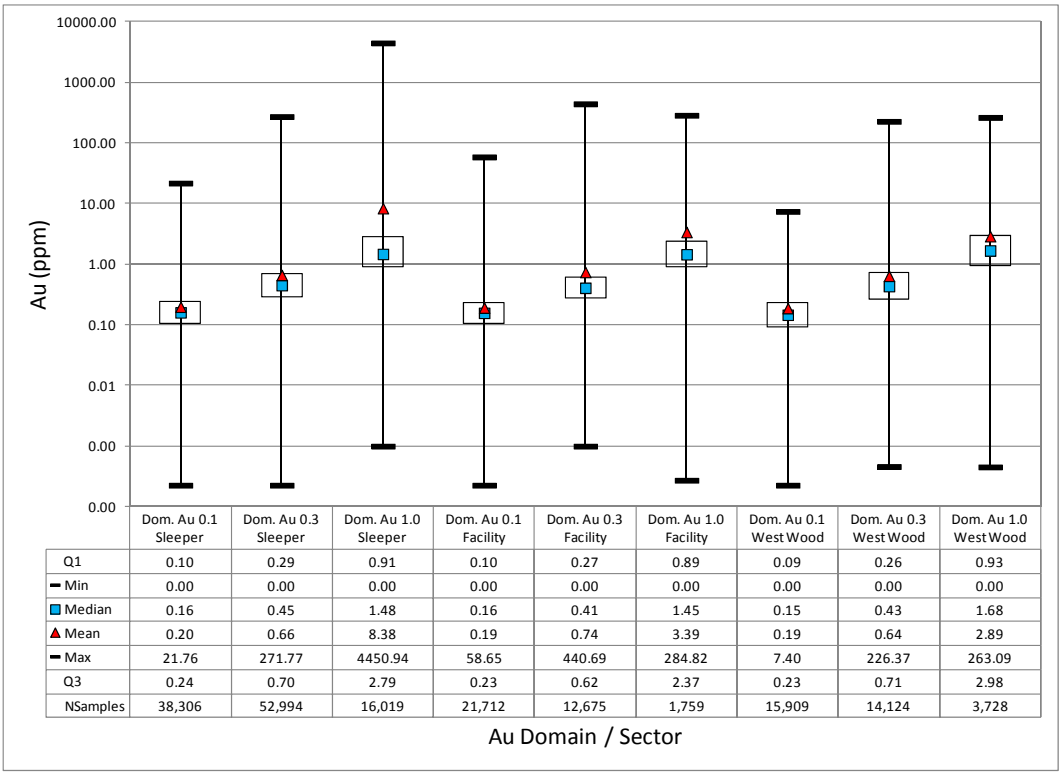
	Domain Au 0.1	Domain Au 0.3	Domain Au 1.0
Q1	0.10	0.28	0.91
Min	0.00	0.00	0.00
Median	0.16	0.44	1.50
Mean	0.19	0.67	7.02
Max	58.65	440.69	4450.94
Q3	0.23	0.69	2.80
NSamples	75,927	79,793	21,506

Figure 14-2: Box Plot Au by Envelopes



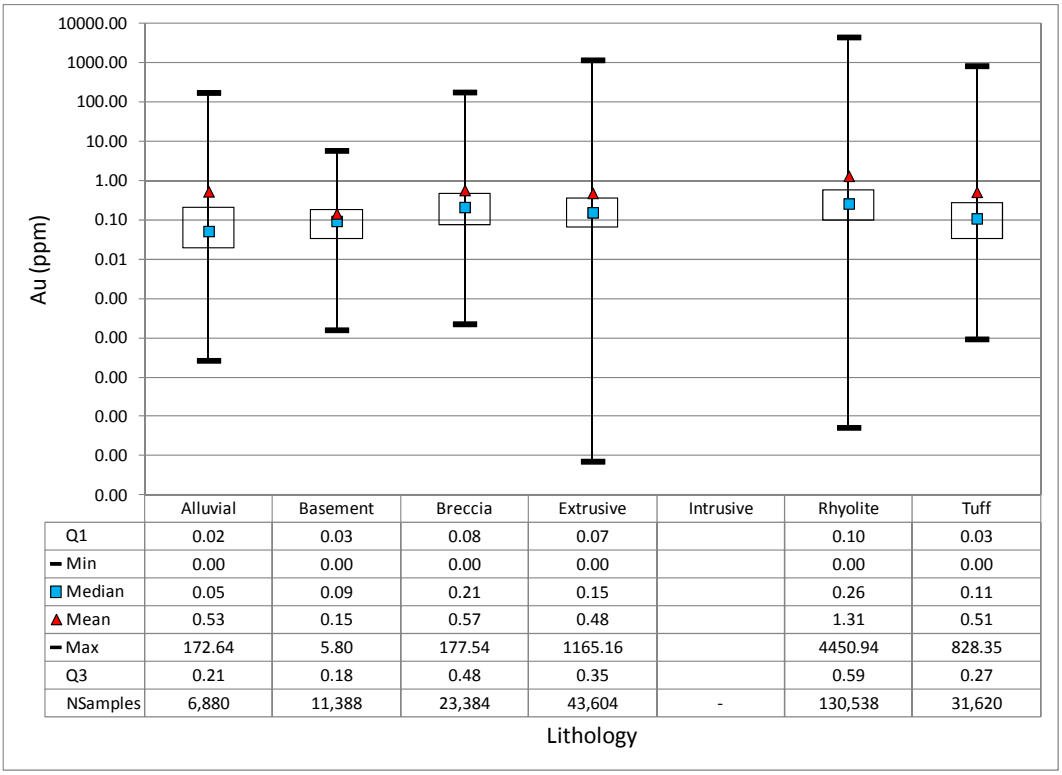
	Sleeper	Facility	West Wood
Q1	0.17	0.13	0.14
Min	0.00	0.00	0.00
Median	0.35	0.22	0.27
Mean	1.65	0.54	0.68
Max	4450.94	440.69	263.09
Q3	0.72	0.40	0.58
NSamples	107,319	36,146	33,761

Figure 14-3: Box Plot Au by Sector



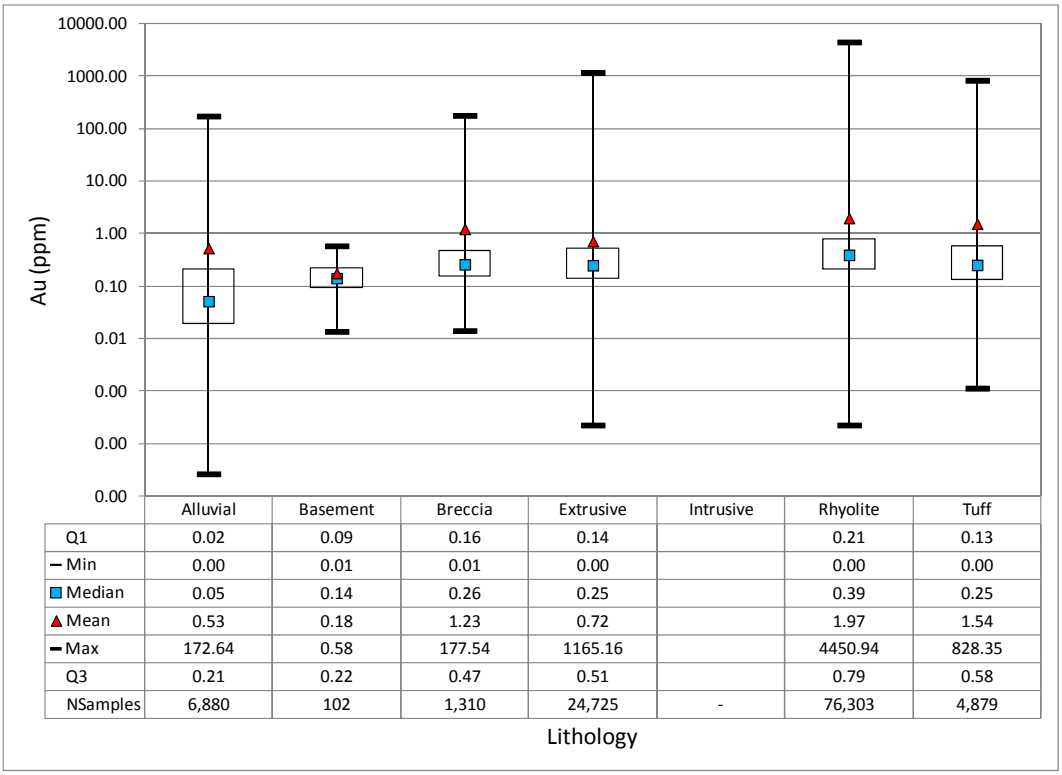
	Dom. Au 0.1 Sleeper	Dom. Au 0.3 Sleeper	Dom. Au 1.0 Sleeper	Dom. Au 0.1 Facility	Dom. Au 0.3 Facility	Dom. Au 1.0 Facility	Dom. Au 0.1 West Wood	Dom. Au 0.3 West Wood	Dom. Au 1.0 West Wood
Q1	0.10	0.29	0.91	0.10	0.27	0.89	0.09	0.26	0.93
Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Median	0.16	0.45	1.48	0.16	0.41	1.45	0.15	0.43	1.68
Mean	0.20	0.66	8.38	0.19	0.74	3.39	0.19	0.64	2.89
Max	21.76	271.77	4450.94	58.65	440.69	284.82	7.40	226.37	263.09
Q3	0.24	0.70	2.79	0.23	0.62	2.37	0.23	0.71	2.98
NSamples	38,306	52,994	16,019	21,712	12,675	1,759	15,909	14,124	3,728

Figure 14-4: Box Plot Au by Sector and Envelopes



	Alluvial	Basement	Breccia	Extrusive	Intrusive	Rhyolite	Tuff
Q1	0.02	0.03	0.08	0.07		0.10	0.03
Min	0.00	0.00	0.00	0.00		0.00	0.00
Median	0.05	0.09	0.21	0.15		0.26	0.11
Mean	0.53	0.15	0.57	0.48		1.31	0.51
Max	172.64	5.80	177.54	1165.16		4450.94	828.35
Q3	0.21	0.18	0.48	0.35		0.59	0.27
NSamples	6,880	11,388	23,384	43,604	-	130,538	31,620

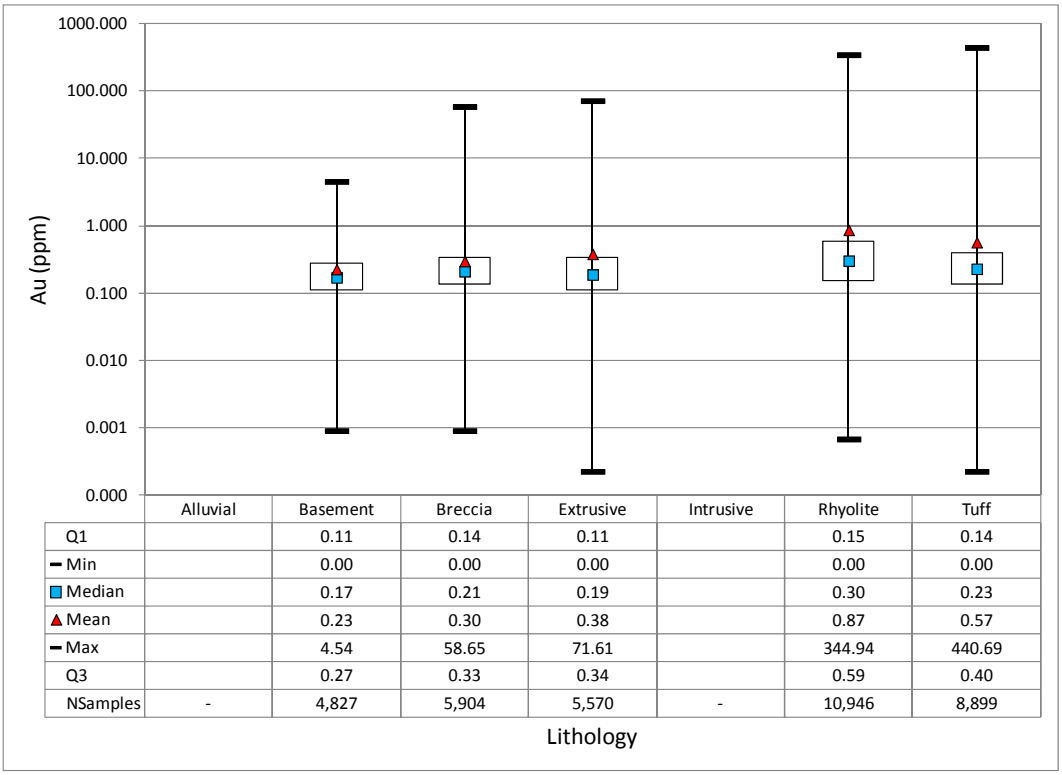
Figure 14-5: Box Plot Au by Lithology



	Alluvial	Basement	Breccia	Extrusive	Intrusive	Rhyolite	Tuff
Q1	0.02	0.09	0.16	0.14		0.21	0.13
Min	0.00	0.01	0.01	0.00		0.00	0.00
Median	0.05	0.14	0.26	0.25		0.39	0.25
Mean	0.53	0.18	1.23	0.72		1.97	1.54
Max	172.64	0.58	177.54	1165.16		4450.94	828.35
Q3	0.21	0.22	0.47	0.51		0.79	0.58
NSamples	6,880	102	1,310	24,725	-	76,303	4,879

Lithology

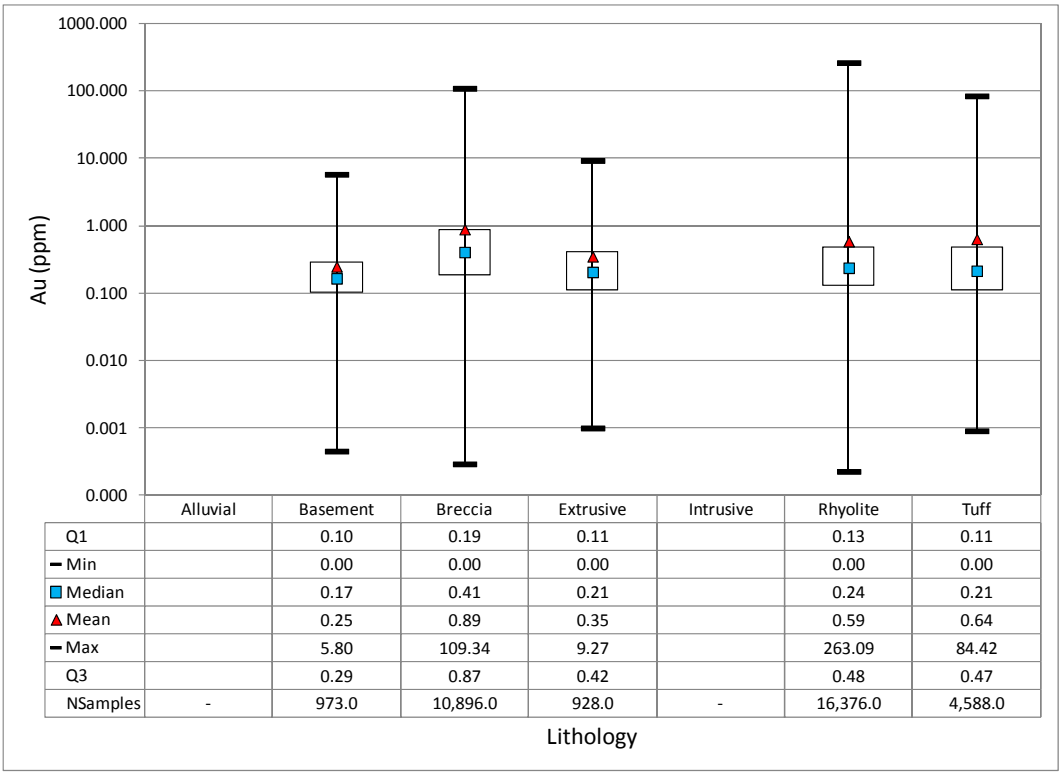
Figure 14-6: Box Plot Au by Lithology in Sleeper



	Alluvial	Basement	Breccia	Extrusive	Intrusive	Rhyolite	Tuff
Q1		0.11	0.14	0.11		0.15	0.14
Min		0.00	0.00	0.00		0.00	0.00
Median		0.17	0.21	0.19		0.30	0.23
Mean		0.23	0.30	0.38		0.87	0.57
Max		4.54	58.65	71.61		344.94	440.69
Q3		0.27	0.33	0.34		0.59	0.40
NSamples	-	4,827	5,904	5,570	-	10,946	8,899

Lithology

Figure 14-7: Box Plot Au by Lithology in Facility



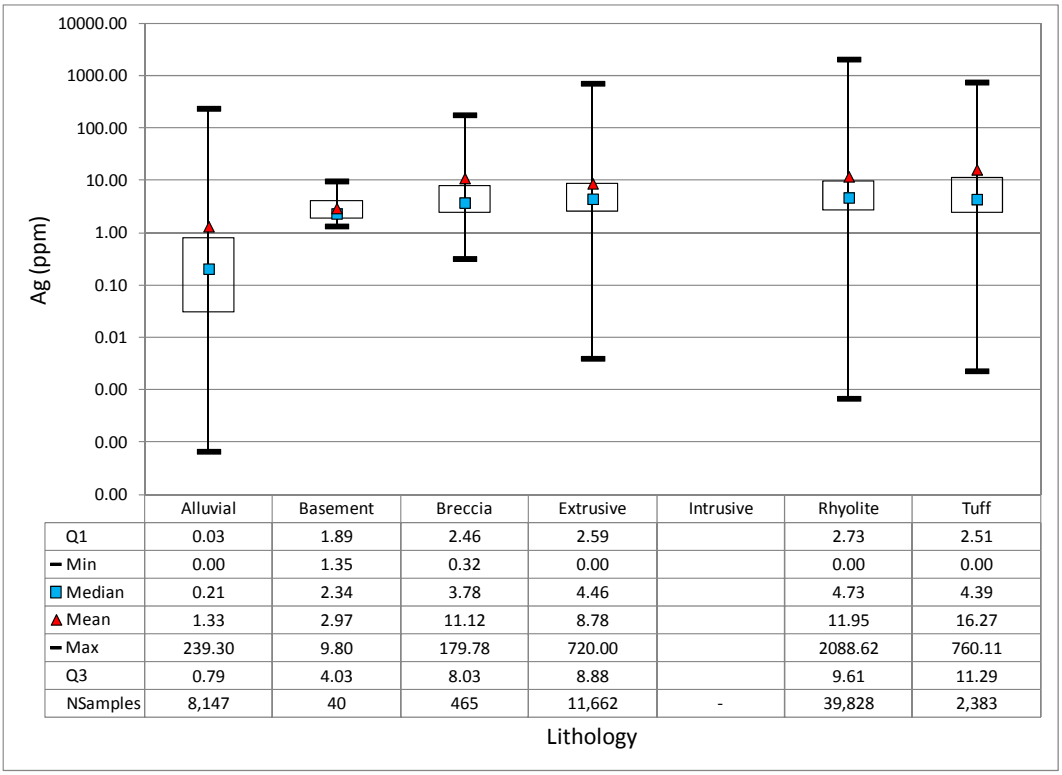
	Alluvial	Basement	Breccia	Extrusive	Intrusive	Rhyolite	Tuff
Q1		0.10	0.19	0.11		0.13	0.11
Min		0.00	0.00	0.00		0.00	0.00
Median		0.17	0.41	0.21		0.24	0.21
Mean		0.25	0.89	0.35		0.59	0.64
Max		5.80	109.34	9.27		263.09	84.42
Q3		0.29	0.87	0.42		0.48	0.47
NSamples	-	973.0	10,896.0	928.0	-	16,376.0	4,588.0

Figure 14-8: Box Plot Au by Lithology in West Wood

C) Ag Statistics

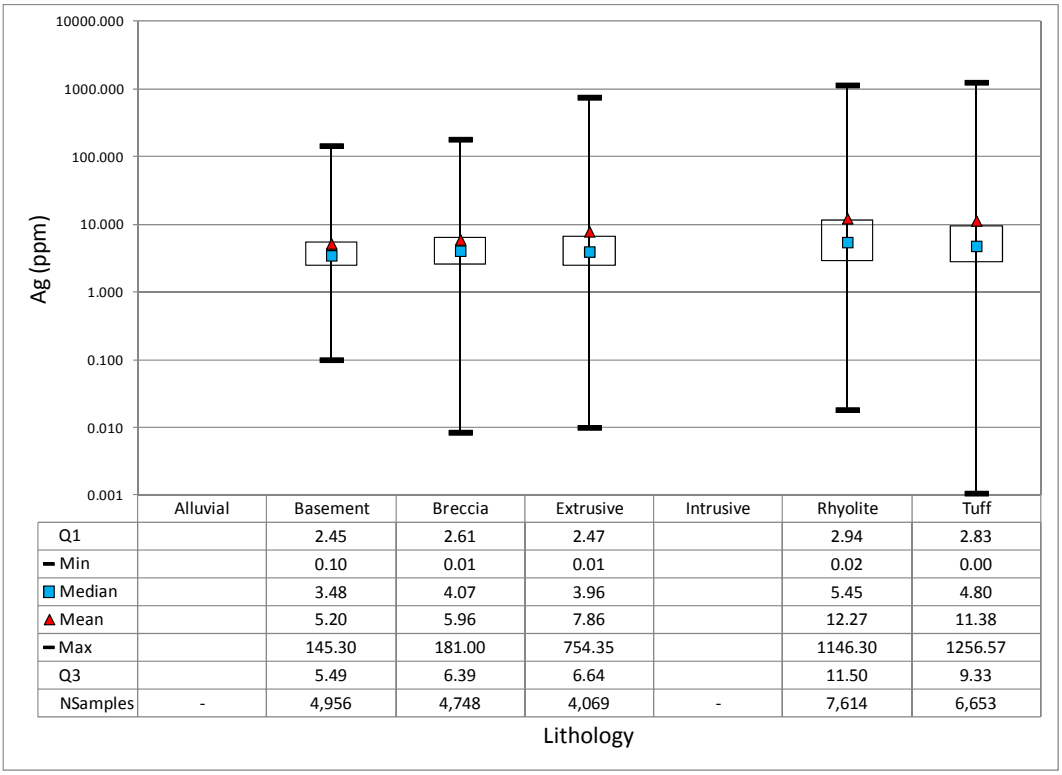
In the case of silver, only basic statistics were developed within each lithology separated by areas. The result is shown in Figures 14-9 to Figure 14-11. Upon examination, the following comments can be made:

- In general, the average grades are low and do not exceed 20 ppm.
- There are many samples per unit, which are sufficient for making consistent silver grade estimations.
- Considering quantity of data and grade, Rhyolite is the lithology which has more information and data for silver.



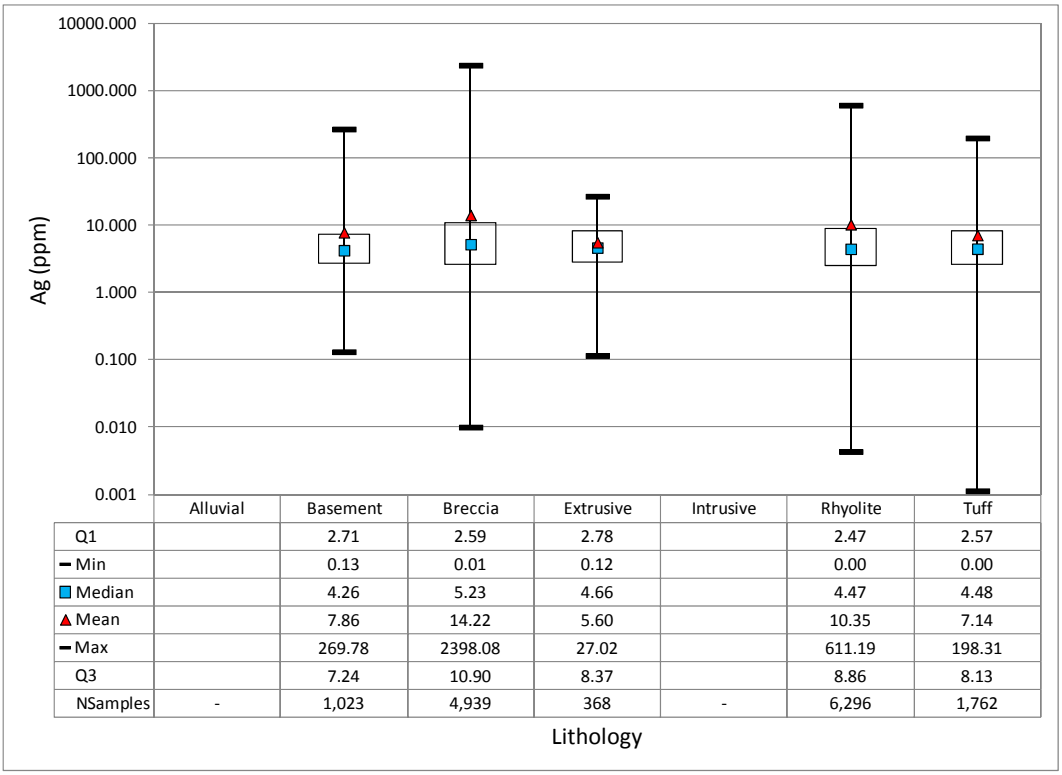
	Alluvial	Basement	Breccia	Extrusive	Intrusive	Rhyolite	Tuff
Q1	0.03	1.89	2.46	2.59		2.73	2.51
Min	0.00	1.35	0.32	0.00		0.00	0.00
Median	0.21	2.34	3.78	4.46		4.73	4.39
Mean	1.33	2.97	11.12	8.78		11.95	16.27
Max	239.30	9.80	179.78	720.00		2088.62	760.11
Q3	0.79	4.03	8.03	8.88		9.61	11.29
NSamples	8,147	40	465	11,662	-	39,828	2,383

Figure 14-9: Box Plot Ag by Lithology in West Wood Sleeper



	Alluvial	Basement	Breccia	Extrusive	Intrusive	Rhyolite	Tuff
Q1		2.45	2.61	2.47		2.94	2.83
Min		0.10	0.01	0.01		0.02	0.00
Median		3.48	4.07	3.96		5.45	4.80
Mean		5.20	5.96	7.86		12.27	11.38
Max		145.30	181.00	754.35		1146.30	1256.57
Q3		5.49	6.39	6.64		11.50	9.33
NSamples	-	4,956	4,748	4,069	-	7,614	6,653

Figure 14-10: Box Plot Ag by Lithology in Facility



	Alluvial	Basement	Breccia	Extrusive	Intrusive	Rhyolite	Tuff
Q1		2.71	2.59	2.78		2.47	2.57
Min		0.13	0.01	0.12		0.00	0.00
Median		4.26	5.23	4.66		4.47	4.48
Mean		7.86	14.22	5.60		10.35	7.14
Max		269.78	2398.08	27.02		611.19	198.31
Q3		7.24	10.90	8.37		8.86	8.13
NSamples	-	1,023	4,939	368	-	6,296	1,762

Figure 14-11: Box Plot Ag by Lithology in West Wood

14.2.3 Estimation Unit

After creating basic statistics for each geological unit, the geological units were grouped in order to obtain final estimation units, which must exhibit a stable grade behavior. This enables a good estimation to be made without a major bias and thus be able to focus on the geological limits proposed for each unit.

A) Estimation Units

Initially, 0.1, 0.3 and 1ppm Au envelope shells were considered for estimating Au grades, However, envelope estimations present a problem with grades that are near the cut-off grade in that many of these samples are eliminated in the block model. Thus, it was decided to use the geological units available in the deposit as the estimation units.

By checking the geological units for each of the lithologies, a good population behavior is seen and the average grades are different for each one, thus it was decided that each population should have its own estimation unit. Another important point is that each population is separated by each of the lithologies inside the 0.1 ppm Au grade shell, which appears to delineate more adequately the deposit and tends to enclose the estimation in such a way as to enhance grade continuity.

Since each sector of the deposit (Sleeper, Facility and West Wood) is clearly defined and the behavior in grade by lithology is different in each one of the sectors, it was decided to separate each lithological unit for each one of the areas.

Figure 14-12, Figure 14-13 and Figure 14-14 show population behaviors in Probability-Plot curves and Table 14-4 shows the estimation units (EU) used in the estimation.

Table 14-4: Au Geological Units of Estimation

EU Au	Sector	Lithology	Colors
100	Sleeper	Alluvial	
12	Sleeper	Basement	
13		Breccia	
14		Extrusive	
16		Rhyolite	
17		Tuff	
22	Facility	Basement	
23		Breccia	
24		Extrusive	
26		Rhyolite	
27		Tuff	
32	West Wood	Basement	
33		Breccia	
34		Extrusive	
36		Rhyolite	
37		Tuff	

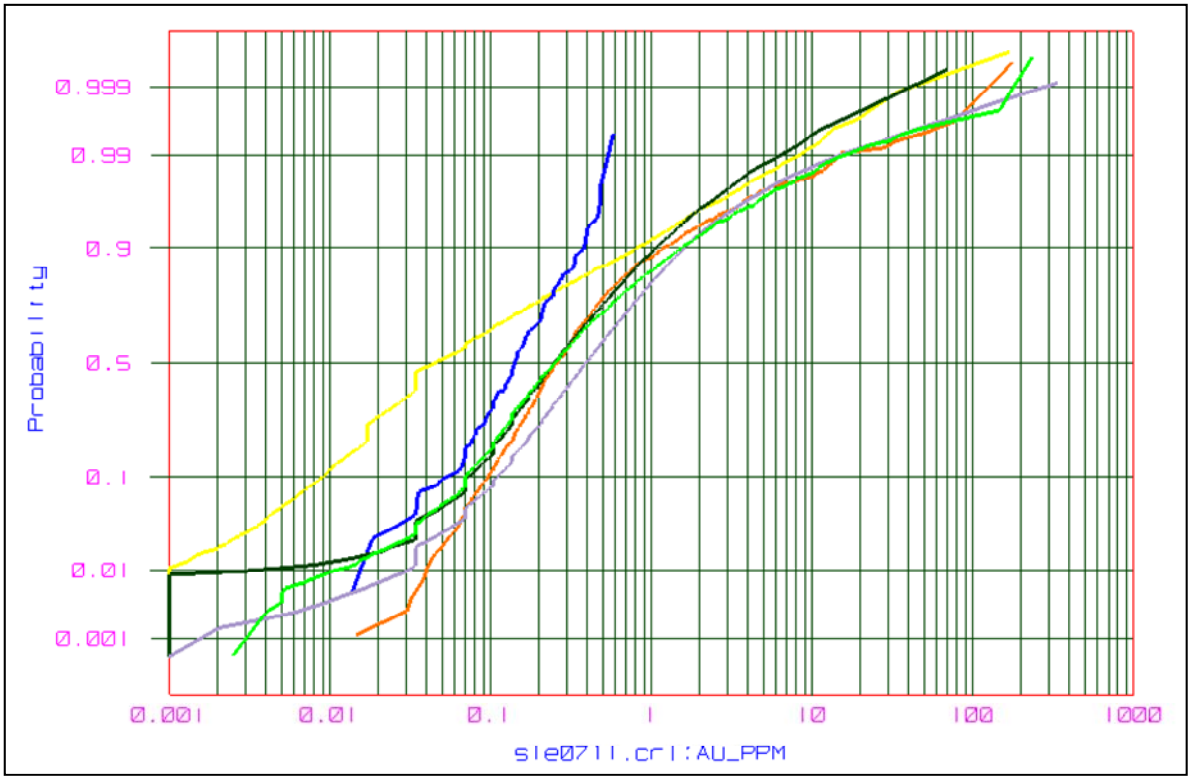


Figure 14-12: Au Probability Plots of Sleeper Estimation Unit

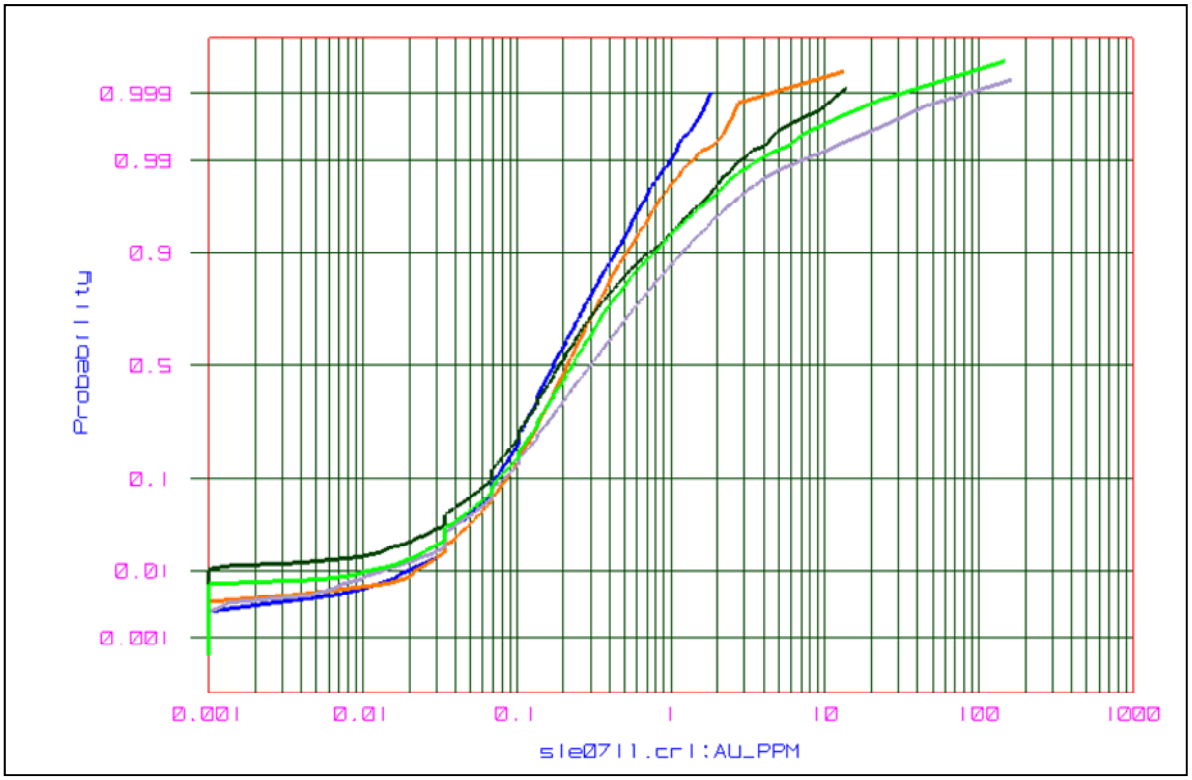


Figure 14-13: Au Probability Plots of Facility Estimation Unit

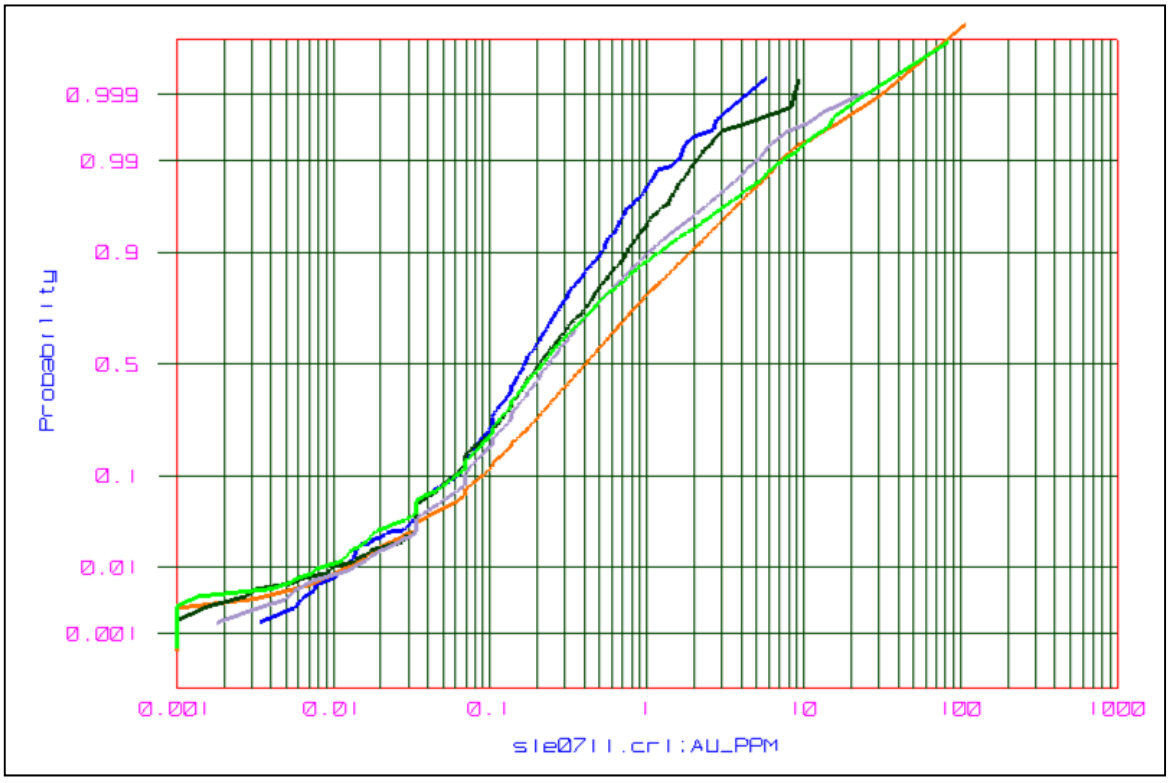


Figure 14-14: Au Probability Plots of West Wood Estimation Unit

As is seen on the graphs, the Alluvial unit was confined to only the Sleeper area, thus the estimation unit was limited to this area. . Basement is the unit with lower grade in the three areas. Coded colors for the curves are explained in Table 14-4.

Basic statistics of each unit are presented in Figure 14-9, Figure 14-10 and Figure 14-11.

B) Ag Estimation Units

The same concept was used for the silver estimation units as was used for gold, namely, separating lithology units within the 2 ppm Ag grade shell. Separation is also made by each of the three sectors.

Table 14-5 shows the estimation units for silver.

Silver was not estimated in the Alluvial lithology.

Basic statistics of each unit are shown in Figure 14-9, Figure 14-10 and Figure 14-11.

Table 14-5: Ag Geological Units of Estimation

EU Ag	Sector	Lithology	Colors
12	Sleeper	Basement	
13		Breccia	
14		Extrusive	
16		Rhyolite	
17		Tuff	
22	Facility	Basement	
23		Breccia	
24		Extrusive	
26		Rhyolite	
27		Tuff	
32	West Wood	Basement	
33		Breccia	
34		Extrusive	
36		Rhyolite	
37		Tuff	

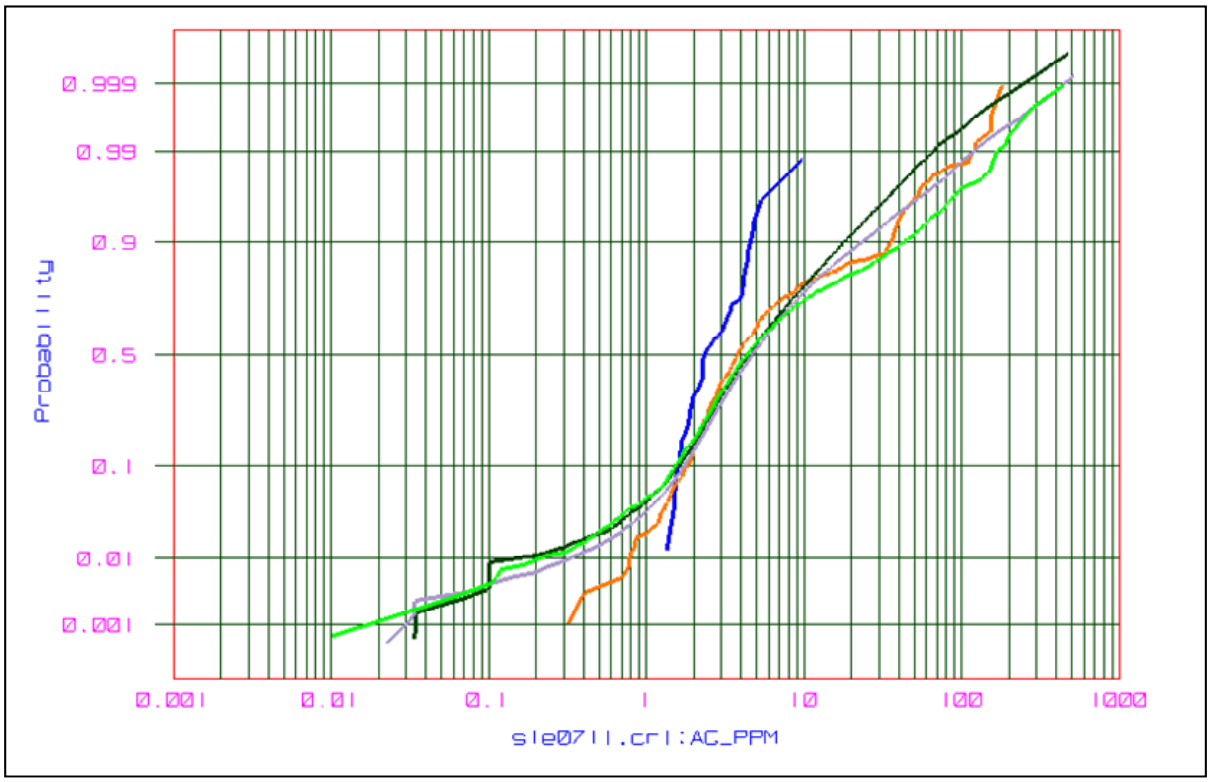


Figure 14-15: Ag Probability Plots Unit of Sleeper Estimation

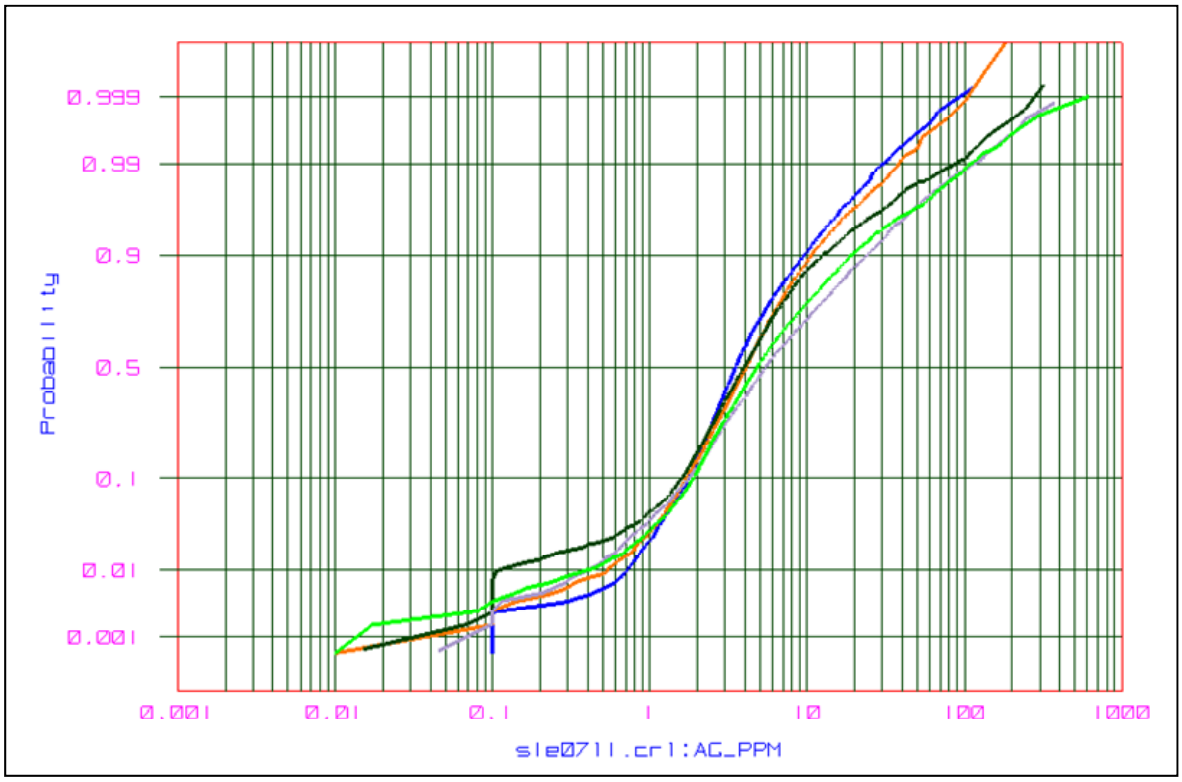


Figure 14-16: Ag Probability Plots Unit of Facility Estimation

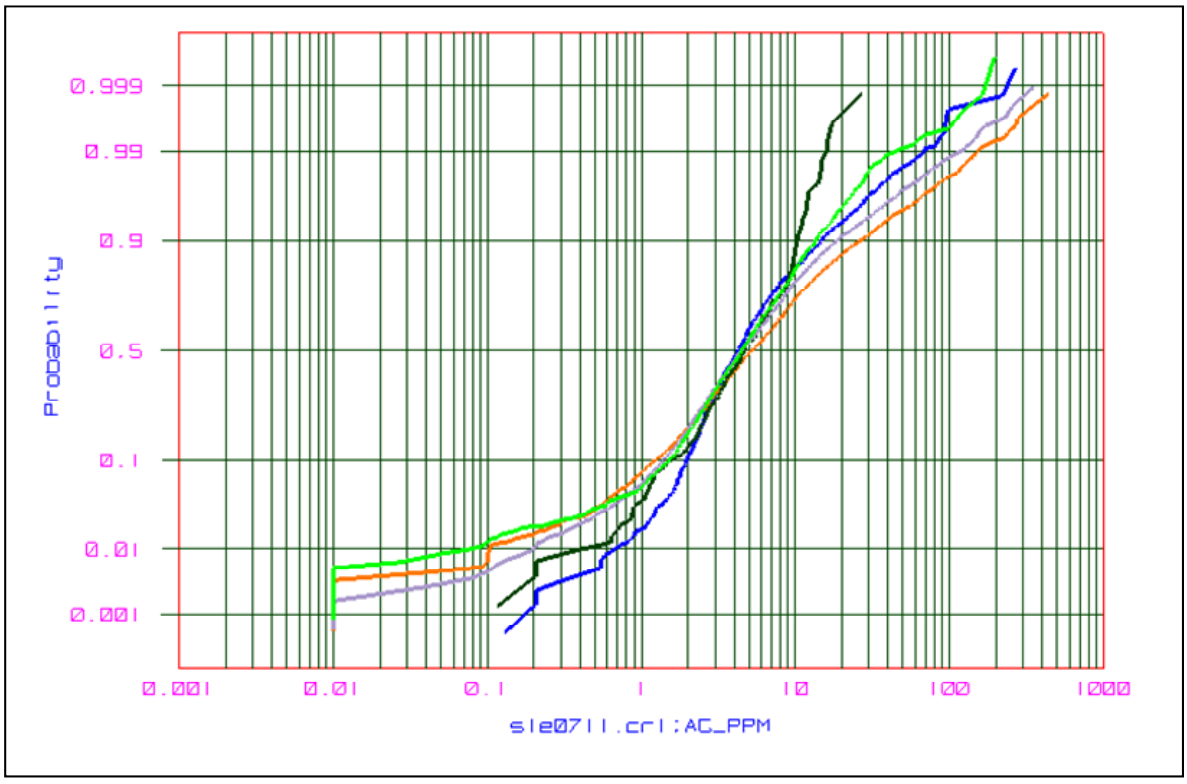


Figure 14-17: Ag Probability Plots Unit of West Wood Estimation

14.2.4 Contact Profile Analysis

Contact Profile Analysis for the interaction of the EU's were carried out in order to determine if some units had soft boundaries or hard boundaries to use the information for grade estimation.

Tables 14-6 to 14-8 show the boundary details. "D" means a hard boundary while "S" is a soft boundary and the figure shows one unit's influence on another in metres.

The detail of all the graphics is shown in Appendix B.

Table 14-6: Au Contact Profile Analysis of the Sleeper Estimation

EU Au	12	13	14	16	17
12		D	D	D	D
13	D		D	D	D
14	D	D		D	D
16	D	D	D		
17	D	D	D	D	

Table 14-7: Au Unit Contact Profile Analysis of the Facility Estimation

EU Au	22	23	24	26	27
22		D	D	D	D
23	D		D	D	D
24	D	D		D	D
26	D	D	D		
27	D	D	D	D	

Table 14-8: Au Unit Contact Profile Analysis of the West Wood Estimation

EU Au	32	33	34	36	37
32		D	D	D	D
33	D		D	D	D
34	D	D		D	D
36	D	D	D		
37	D	D	D	D	

Tables 14-6 to 14-8, indicate that all the boundaries between the gold units are hard boundaries.

Since silver is a secondary unit in the estimation, Contact Profile Analysis between units were not carried out for Ag and all boundaries were assumed as also being hard.

14.3 Au and Ag Variographic Analysis

Variographic analysis considers the creation of variographic maps, “down the hole” variograms and directional variograms for grade, whether it is gold or silver and for each estimation geological unit.

14.3.1 Variographic Maps

Correlograms on composite data bases were used for modeling and describing the spatial variability of the mineralization of the deposit. The methodology used for developing Au and Ag correlogram models was based on following determined preferential directions for the grade variation behavior and lithology of each estimation domain. Since it was not a simple task to identify this behavior due to the geology groupings which form the estimation units, the process considers the creation of variographic maps as correlograms in such a way in order to better visualize the preferential directions for each estimation unit.

Table 14-9 shows angles found from gold variographic maps, which are shown in Appendix C. It should be pointed out that sign convention is according to Vulcan® software. Table 14-10 shows preferential angles for silver.

Table 14-9: Au Search Angles

EU Au	Bearing (°)	Plunge (°)	Dip (°)
12	-	-	-
13	15	0	10
14	15	0	-70
16	15	0	60
17	10	0	50
22	60	45	40
23	165	-5	45
24	25	0	0
26	10	0	80
27	170	80	90
32	0	0	45
33	0	0	-60
34	135	90	90
36	20	0	90
37	90	0	90

Gold estimation unit (EU) 12 does not have information regarding the search angles because this unit does not have sufficient information for performing a variographic analysis.

Table 14-10: Ag Search Angles

EU Ag	Bearing (°)	Plunge (°)	Dip (°)
12	-	-	-
13	-	-	-
14	25	0	-65
16	35	20	75
17	15	10	75
22	65	0	0
23	15	0	90
24	15	15	-75
26	70	-15	55
27	125	0	65
32	110	0	-55
33	0	0	70
34	-	-	-
36	20	15	90
37	170	0	70

Likewise, silver estimation units (EU) 12, 13 and 34 do not have information regarding the search angles because these units do not have sufficient information for performing a variographic analysis.

14.3.2 Down the Hole Variograms

Experimental down the hole variograms are useful to more precisely deter,ome the nugget effect in each estimation unit, which is necessary for modeling experimental directional variograms. This kind of variogram is not a vertical variogram, but rather one which identifies with each drillhole and calculates variogram function along the drillhole depending on the space used. When a drillhole is finished being analysed, it moves to the next until it is finished analysing all the drillholes belonging to the required unit.

Figures 14-18 to 14-26 show the correlograms for gold per estimation unit by drillhole. This method infers the axis curve of the ordinate (Y-axis). Nomenclature DTH means “Down the Hole”.

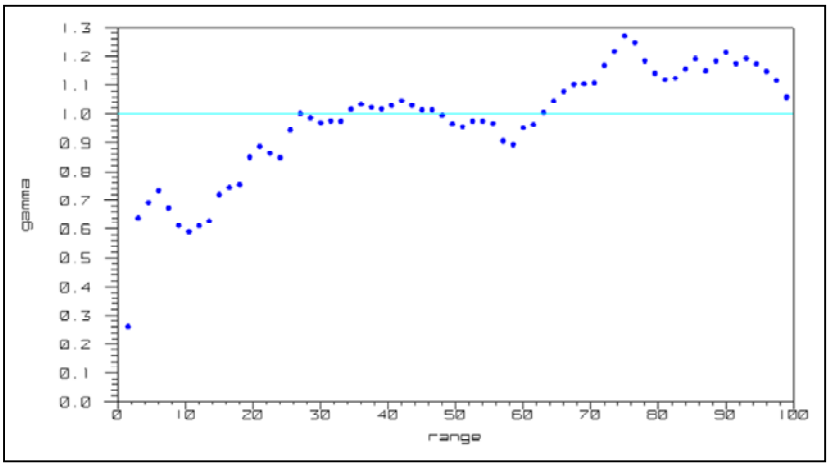


Figure 14-18: UG Au 13 DTH Variogram

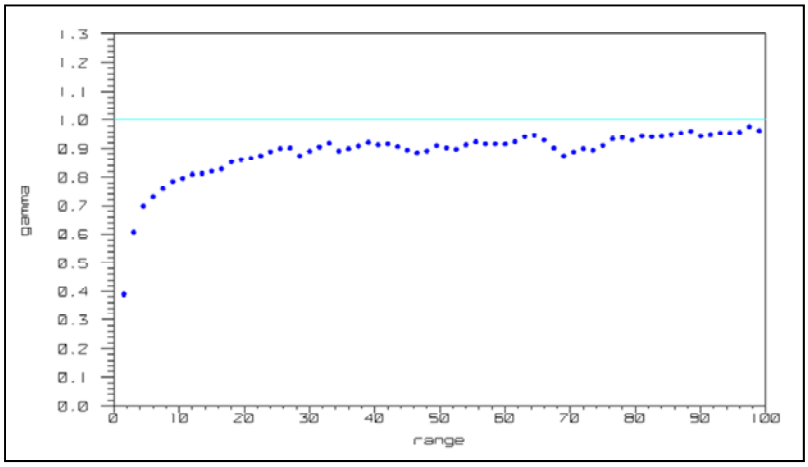


Figure 14-19: UG Au 14 DTH Variogram

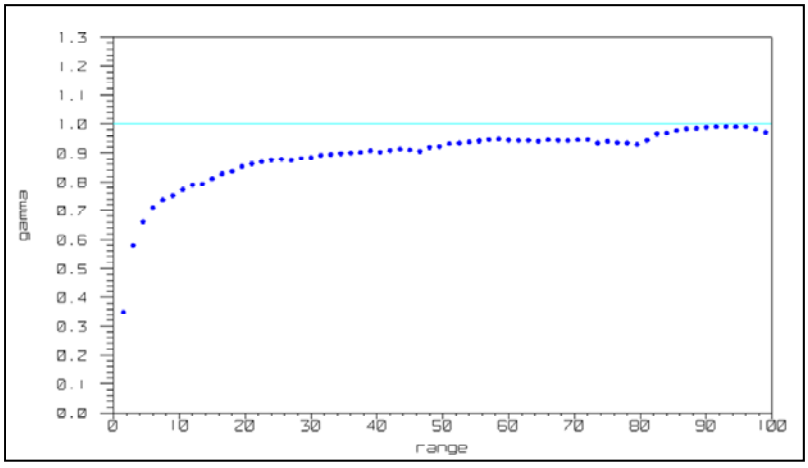


Figure 14-20: UG Au 16 DTH Variogram

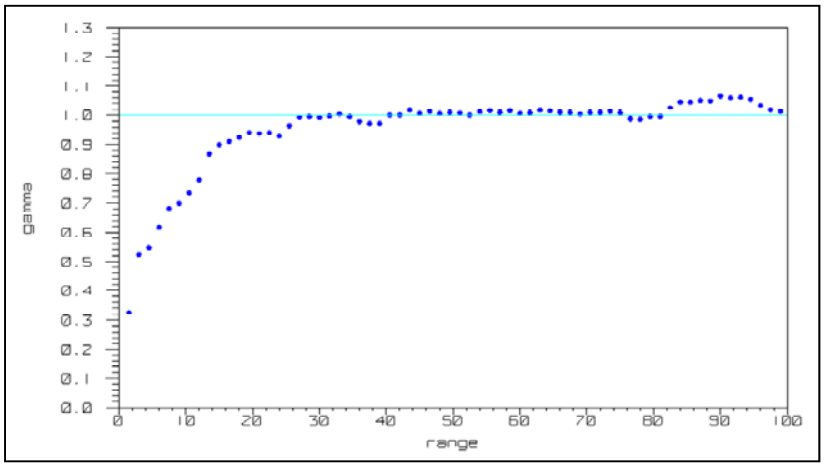


Figure 14-21: UG Au 17 DTH Variogram

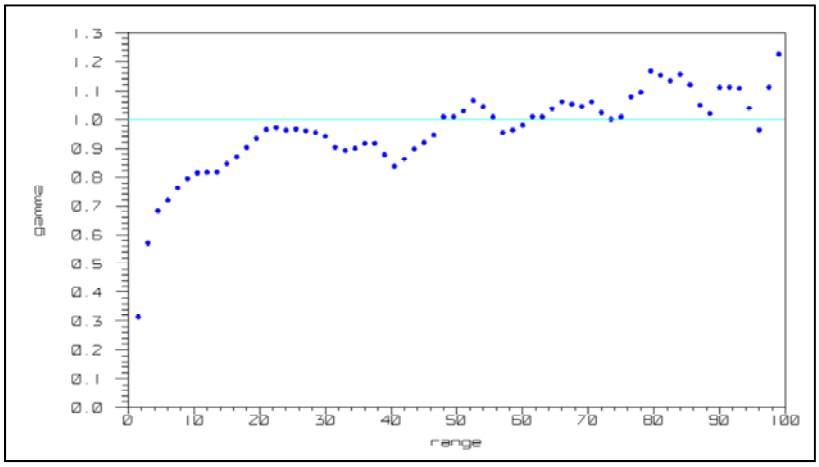


Figure 14-22: UG Au 22 DTH Variogram

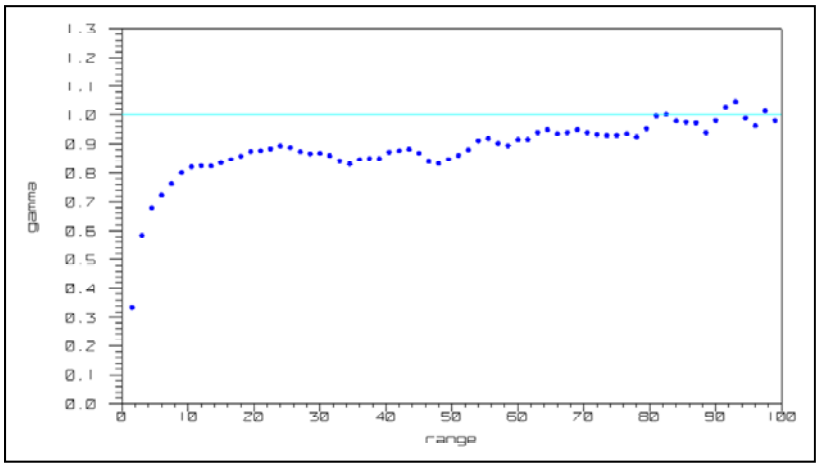


Figure 14-23: UG Au 23 DTH Variogram

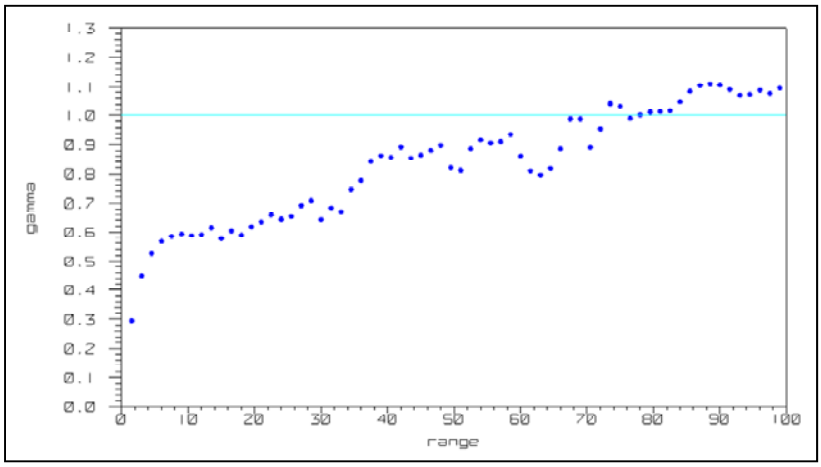


Figure 14-24: UG Au 24 DTH Variogram

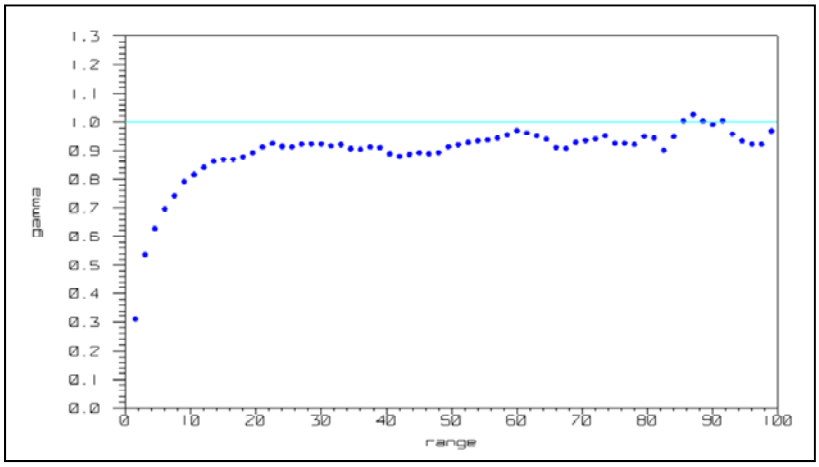


Figure 14-25: UG Au 26 DTH Variogram

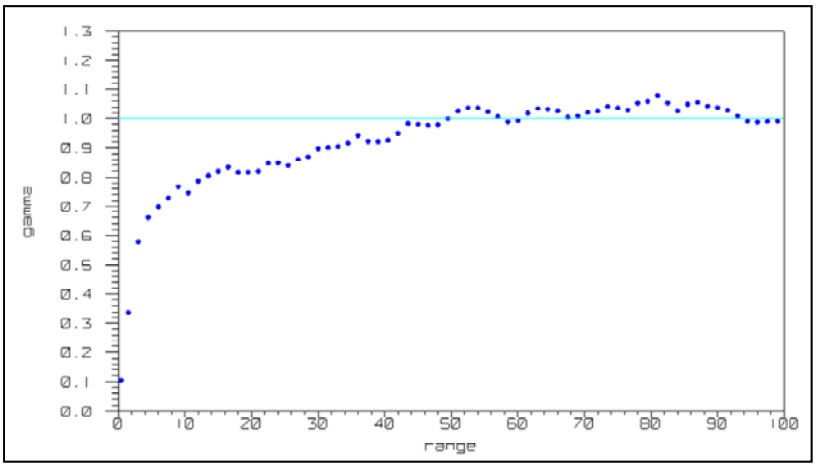


Figure 14-26: UG Au 27 DTH Variogram

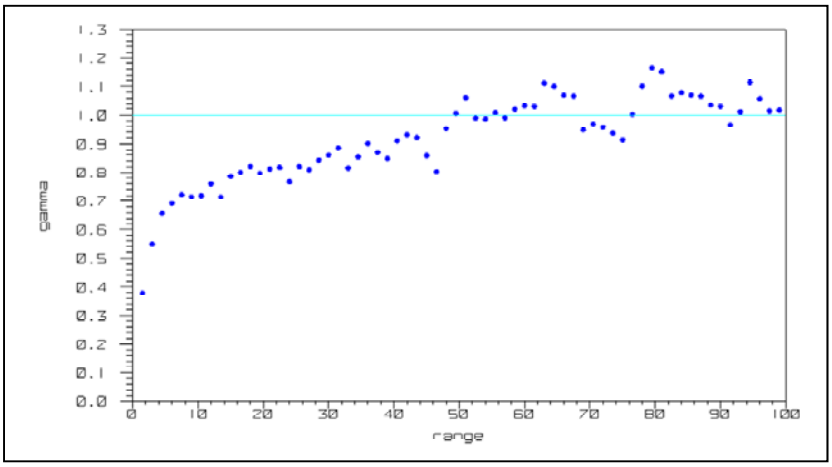


Figure 14-27: UG Au 32 DTH Variogram

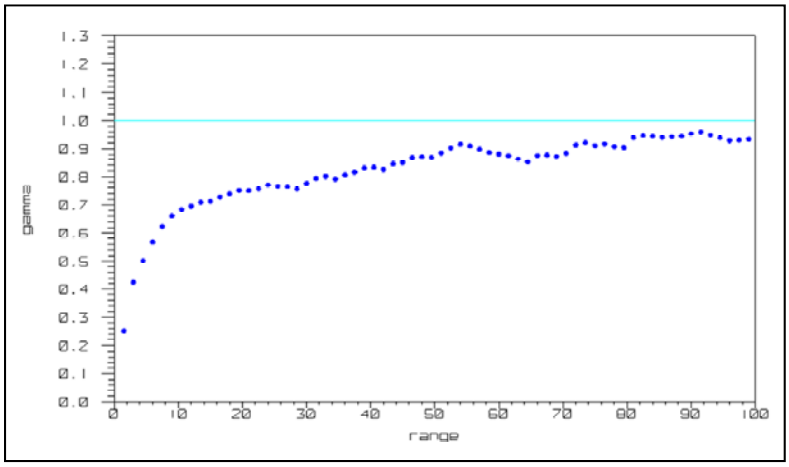


Figure 14-28: UG Au 33 DTH Variogram

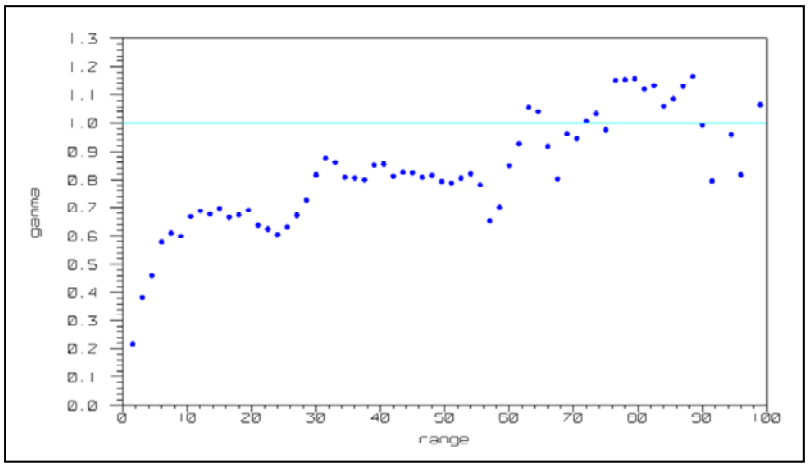


Figure 14-29: UG Au 34 DTH Variogram

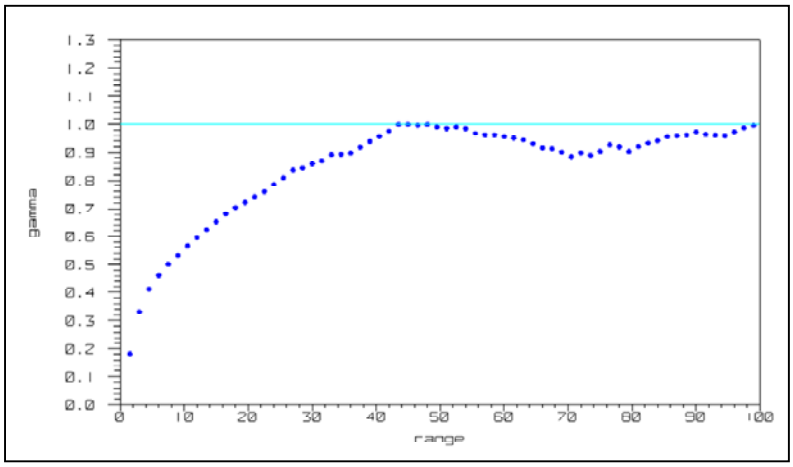


Figure 14-30: UG Au 36 DTH Variogram

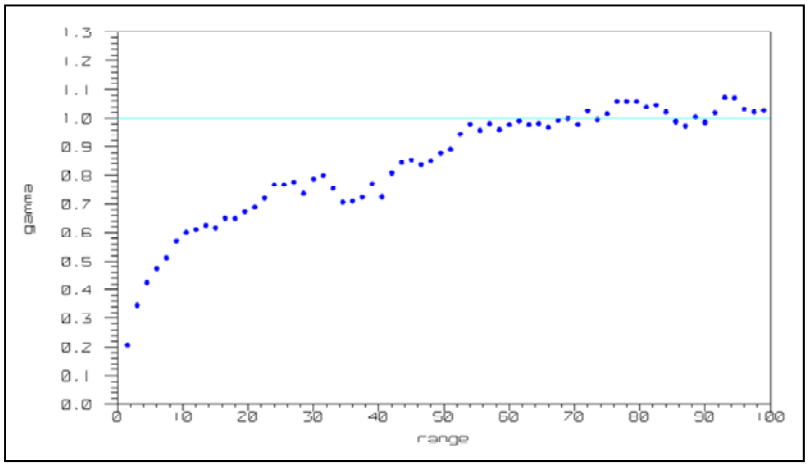


Figure 14-31: UG Au 37 DTH Variogram

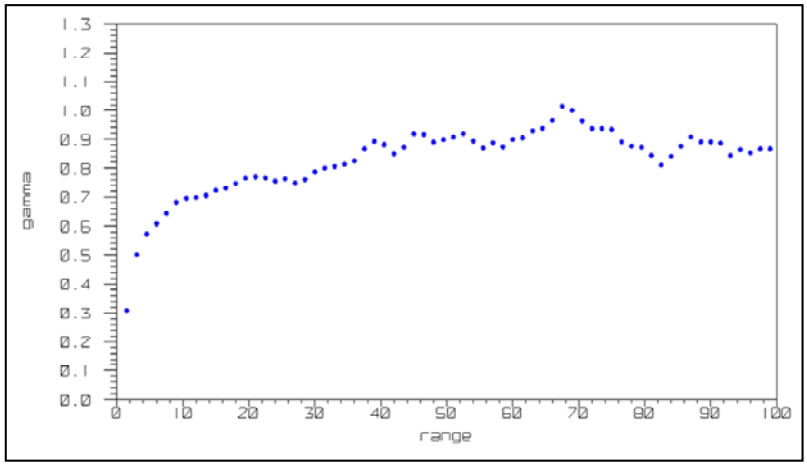


Figure 14-32: UG Ag 14 DTH Variogram

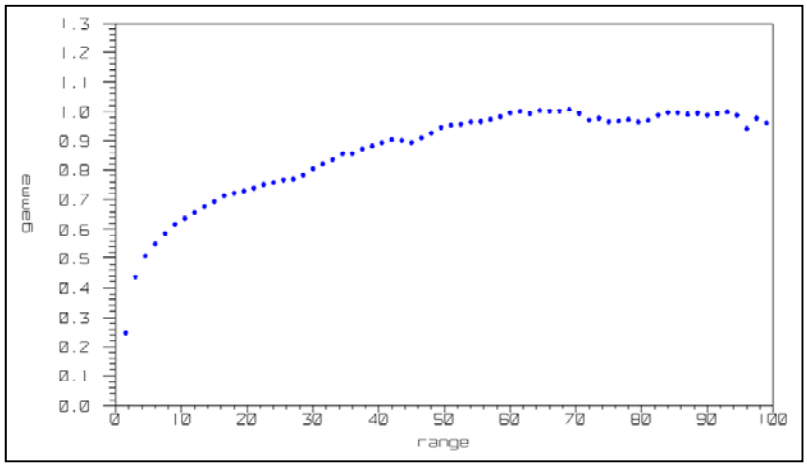


Figure 14-33: UG Ag 16 DTH Variogram

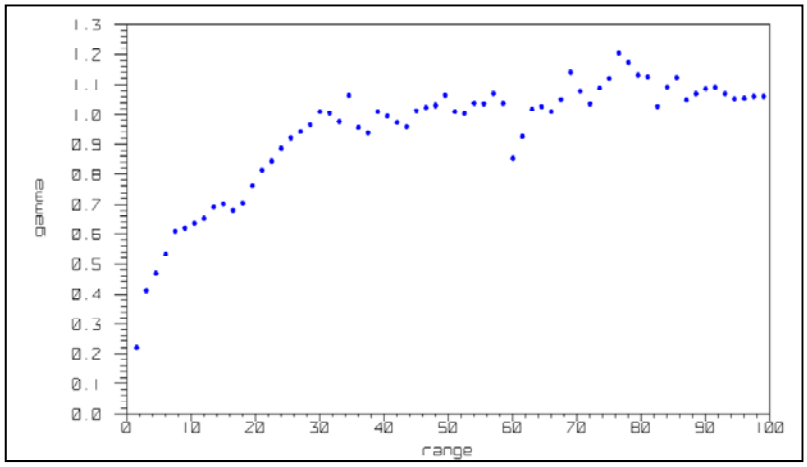


Figure 14-34: UG Ag 17 DTH Variogram

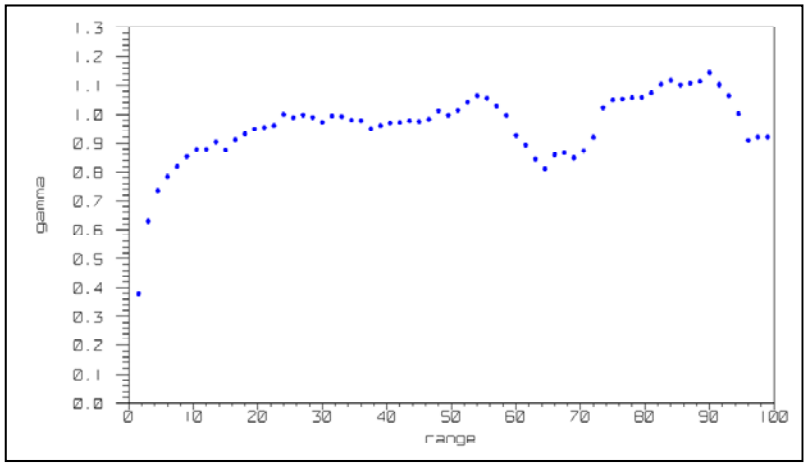


Figure 14-35: UG Ag 22 DTH Variogram

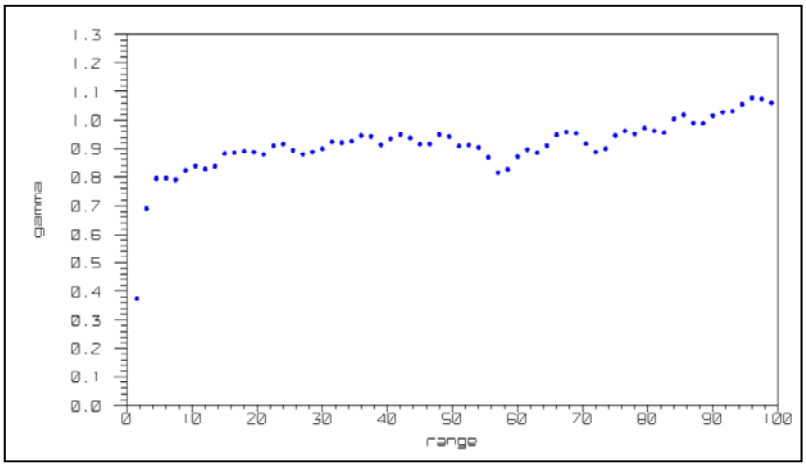


Figure 14-36: UG Ag 23 DTH Variogram

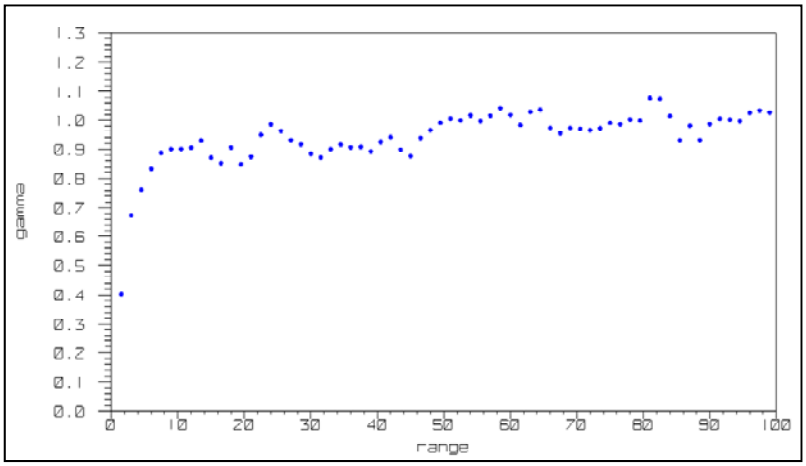


Figure 14-37: UG Ag 24 DTH Variogram

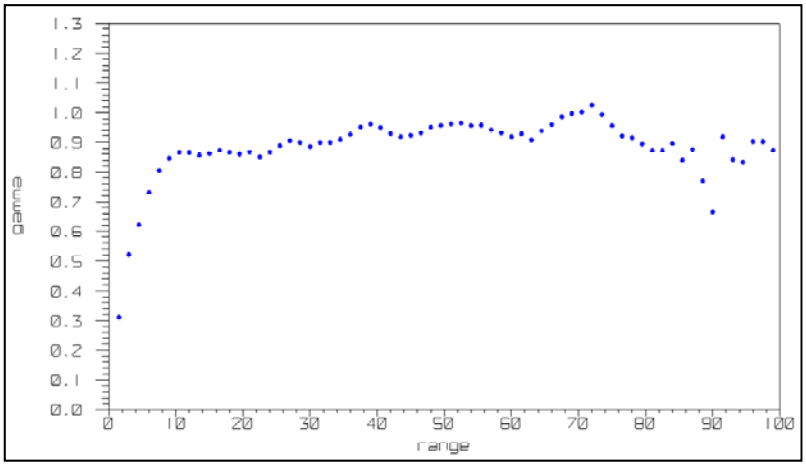


Figure 14-38: UG Ag 26 DTH Variogram

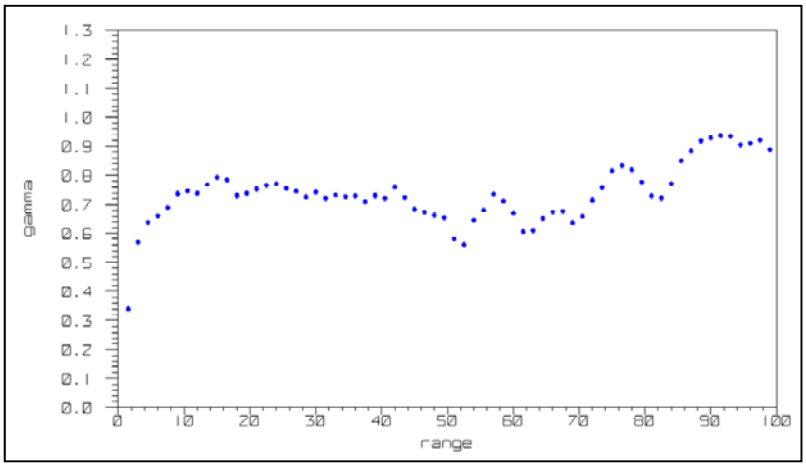


Figure 14-39: UG Ag 27 DTH Variogram

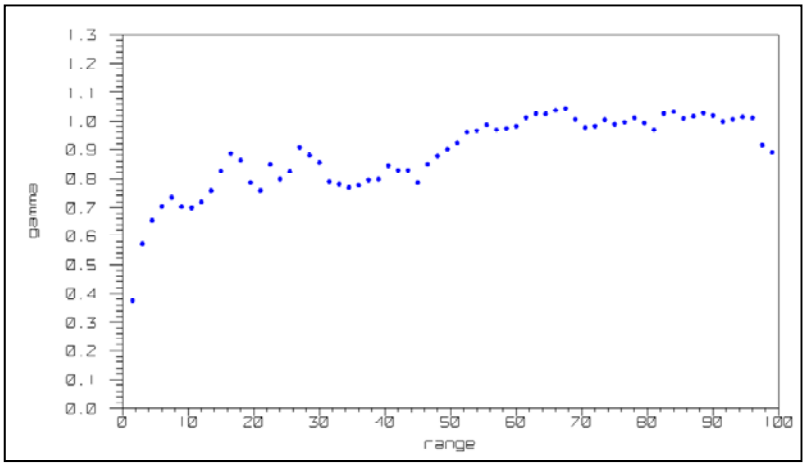


Figure 14-40: UG Ag 32 DTH Variogram

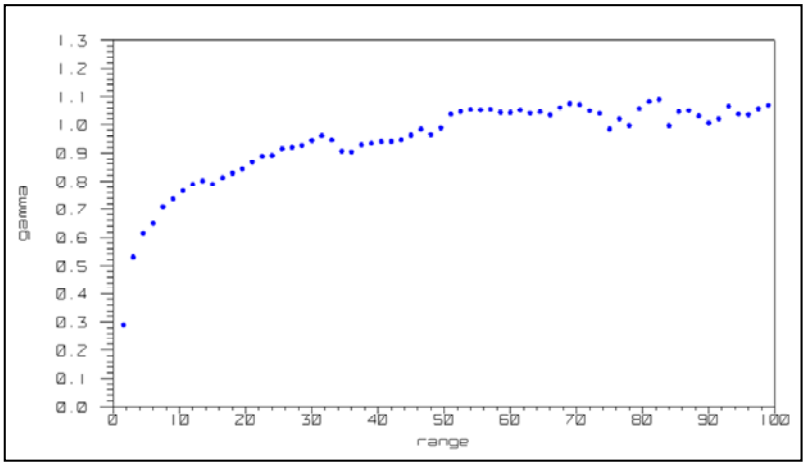


Figure 14-41: UG Ag 33 DTH Variogram

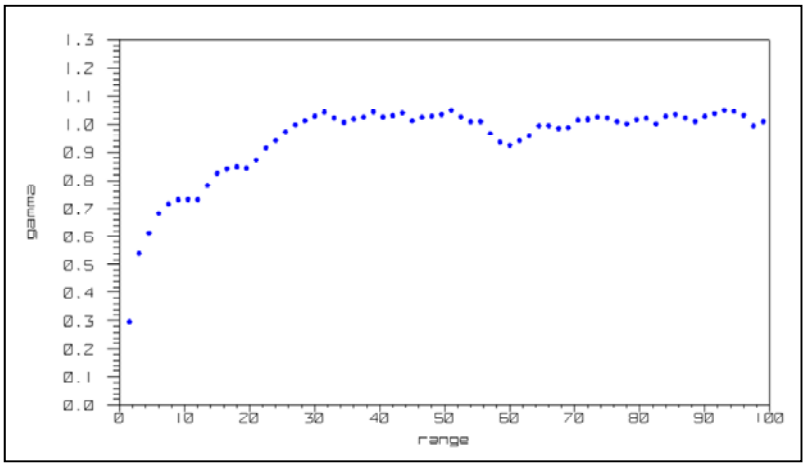


Figure 14-42: UG Ag 36 DTH Variogram

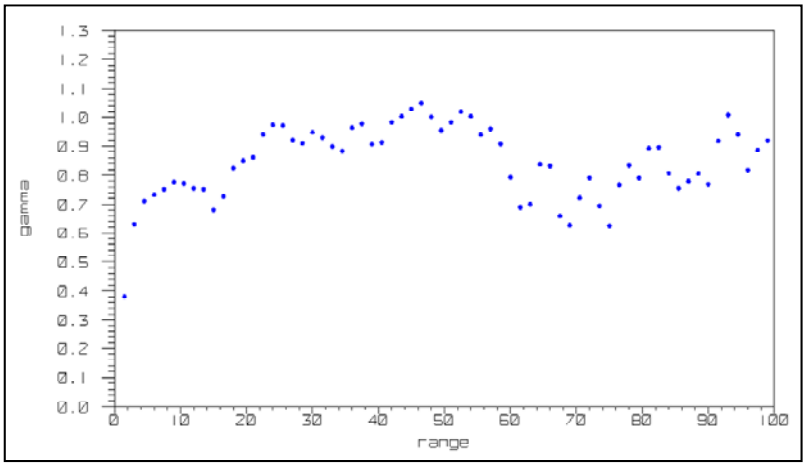


Figure 14-43: UG Ag 37 DTH Variogram

Table 14-11 shows the extrapolated nugget effect for each unit and each grade.

Table 14-11: Nugget Effect per Unit

EU Au	Au Nugget	EU Ag	Ag Nugget
12	-	**12**	-
13	0.02	**13**	-
14	0.02	**14**	0.04
16	0.02	**16**	0.02
17	0.08	**17**	0.02
22	0.02	**22**	0.08
23	0.04	**23**	0.04
24	0.08	**24**	0.04
26	0.05	**26**	0.07
27	0.02	**27**	0.08
32	0.1	**32**	0.1
33	0.04	**33**	0.06
34	0.03	**34**	-
36	0.02	**36**	0.04
37	0.02	**37**	0.06

14.3.3 Directional Variograms

Based on the information obtained from variographic maps, experimental directional correlograms were set, which are interpreted in order to obtain theoretical correlogram models, which provide a 3D model for calculating kriging indicators.

Figures 14-44 to Figure 14-69, show the Au correlograms. Dots show experimental variograms and the curves indicate the theoretical model. Theoretical variogram parameters, plateau or reach, are indicated on the bottom of each figure. Some are 100% directional, but others are omnidirectional, since, as previously mentioned, there was insufficient data for calculating experimental variograms for those units.

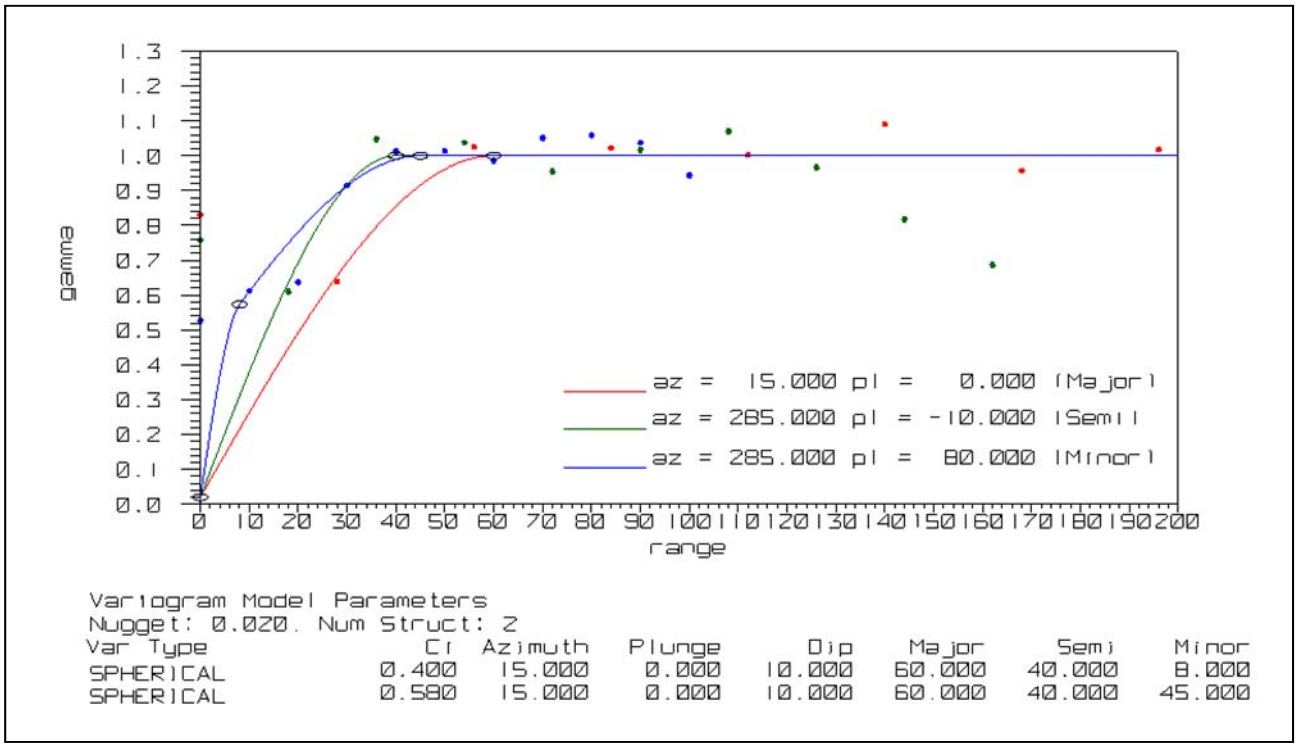


Figure 14-44: EU Au 13 Directional Variogram

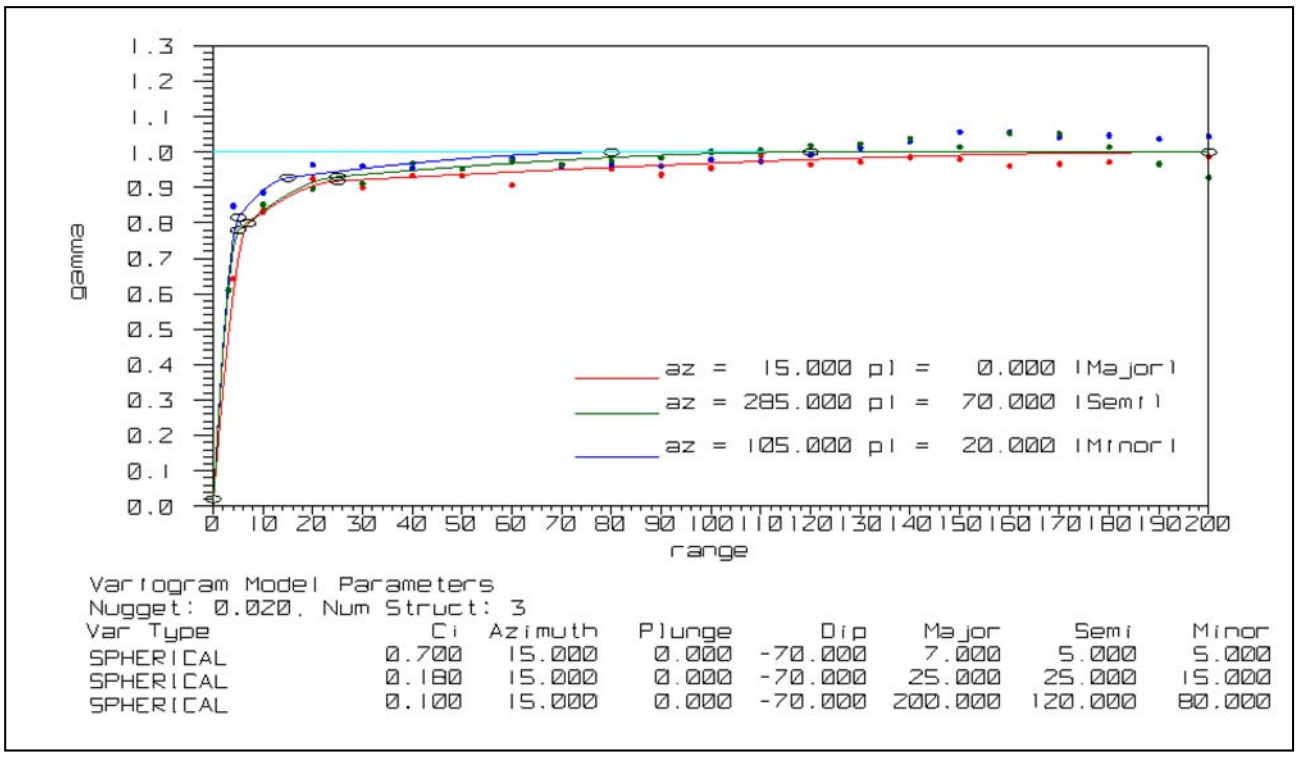
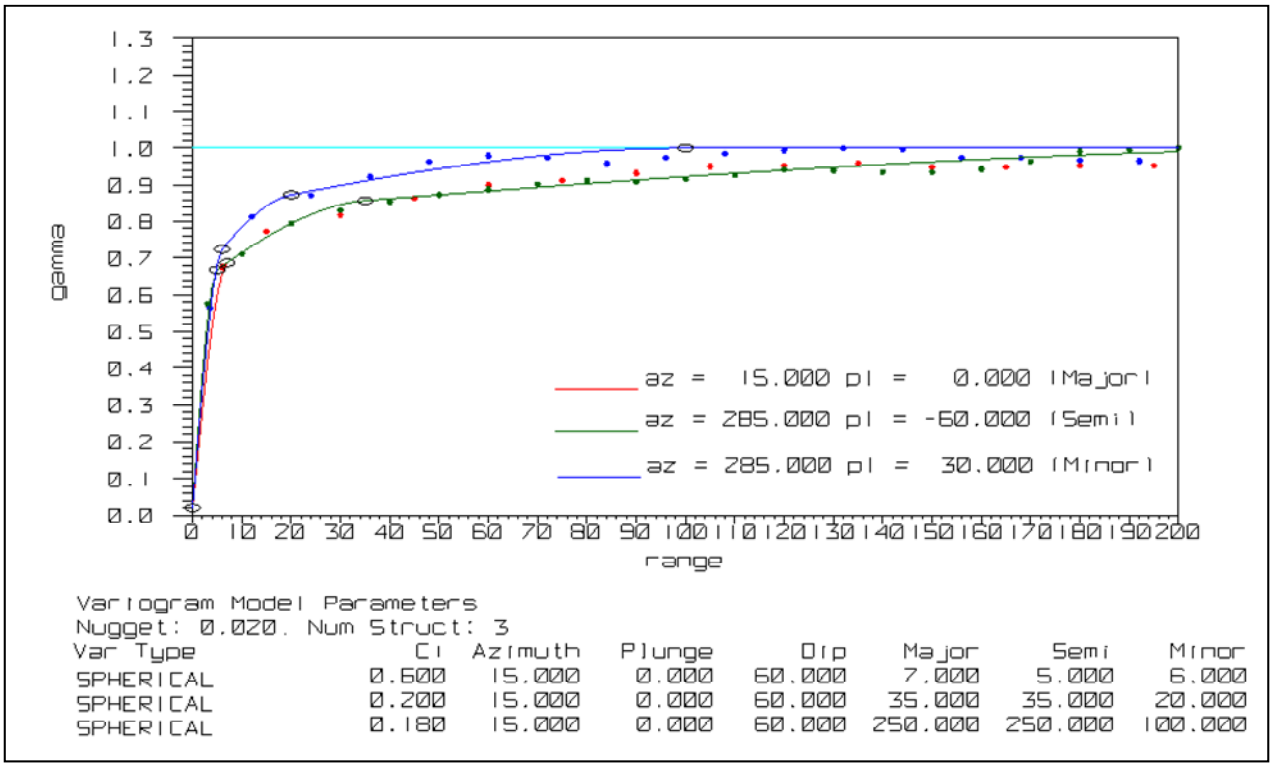


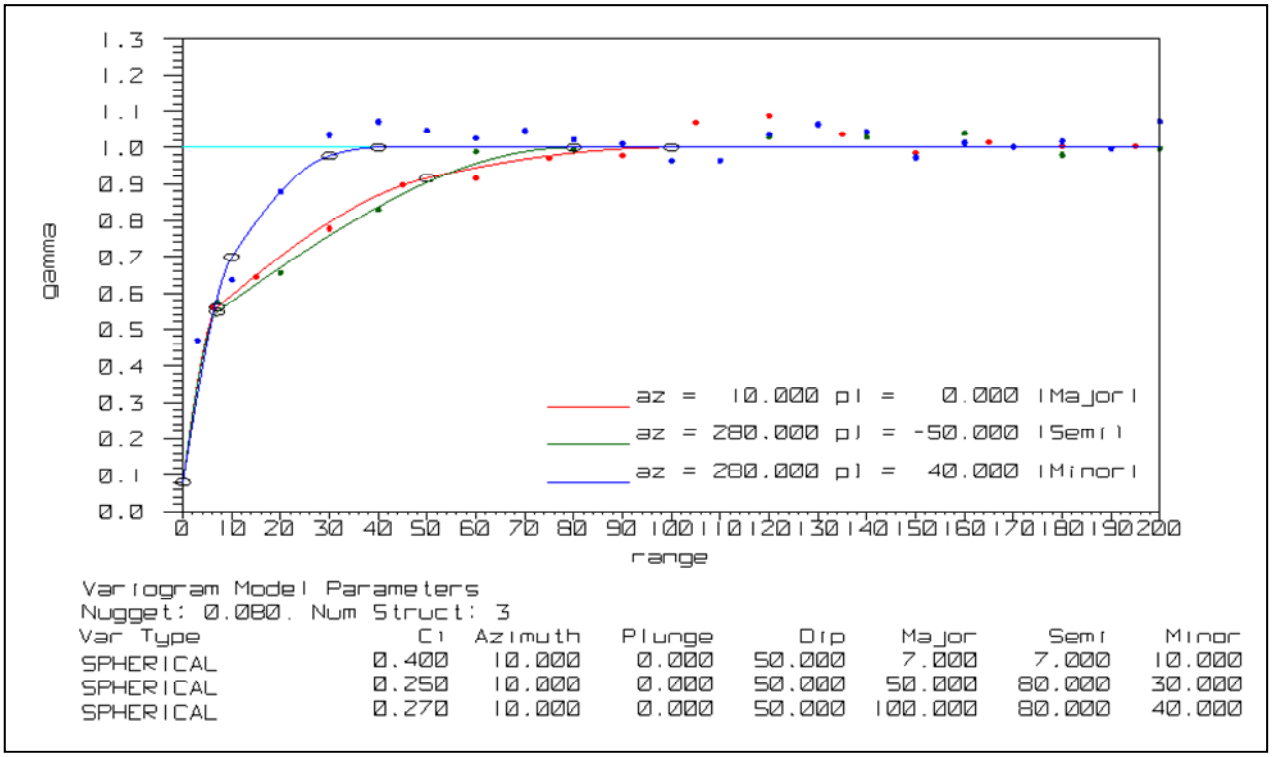
Figure 14-45: EU Au 14 Directional Variogram



Variogram Model Parameters
Nugget: 0.020. Num Struct: 3

Var Type	Ci	Azimuth	Plunge	Dip	Major	Semi	Minor
SPHERICAL	0.600	15.000	0.000	60.000	7.000	5.000	6.000
SPHERICAL	0.200	15.000	0.000	60.000	35.000	35.000	20.000
SPHERICAL	0.180	15.000	0.000	60.000	250.000	250.000	100.000

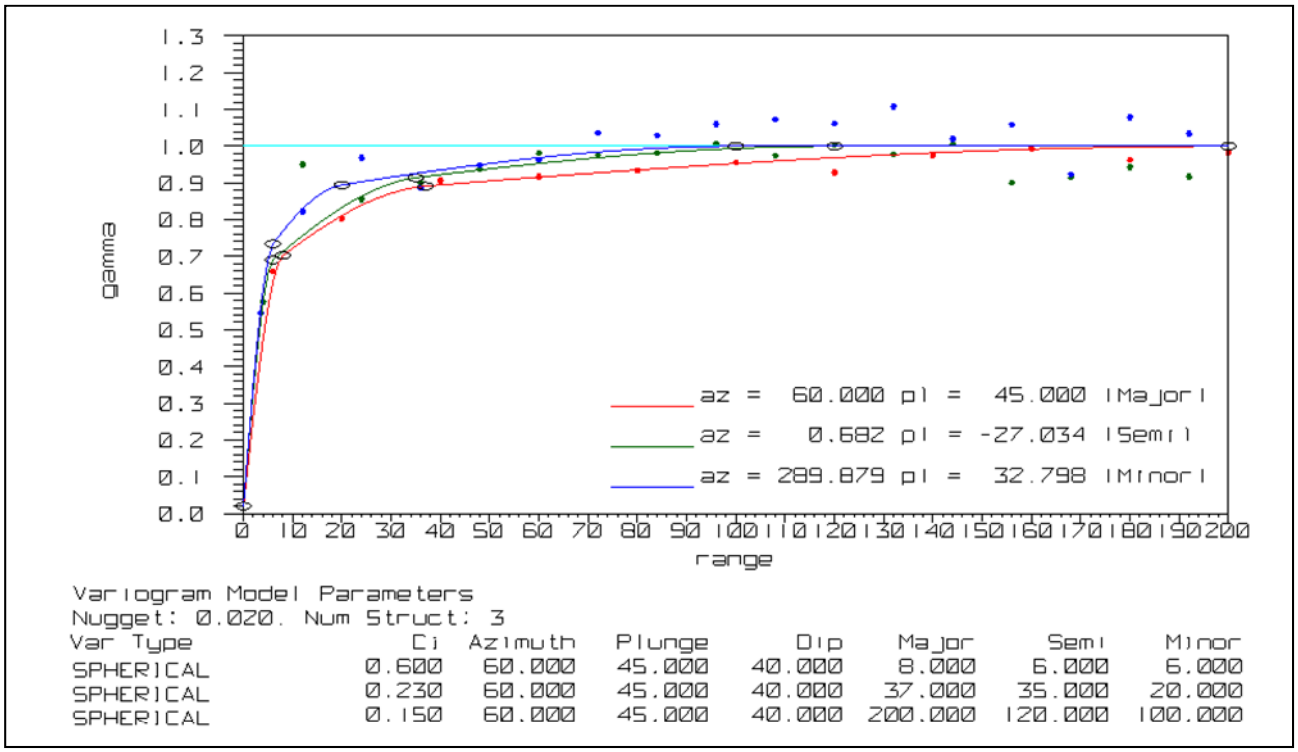
Figure 14-46: EU Au 16 Directional Variogram



Variogram Model Parameters
Nugget: 0.080. Num Struct: 3

Var Type	Ci	Azimuth	Plunge	Dip	Major	Semi	Minor
SPHERICAL	0.400	10.000	0.000	50.000	7.000	7.000	10.000
SPHERICAL	0.250	10.000	0.000	50.000	50.000	80.000	30.000
SPHERICAL	0.270	10.000	0.000	50.000	100.000	80.000	40.000

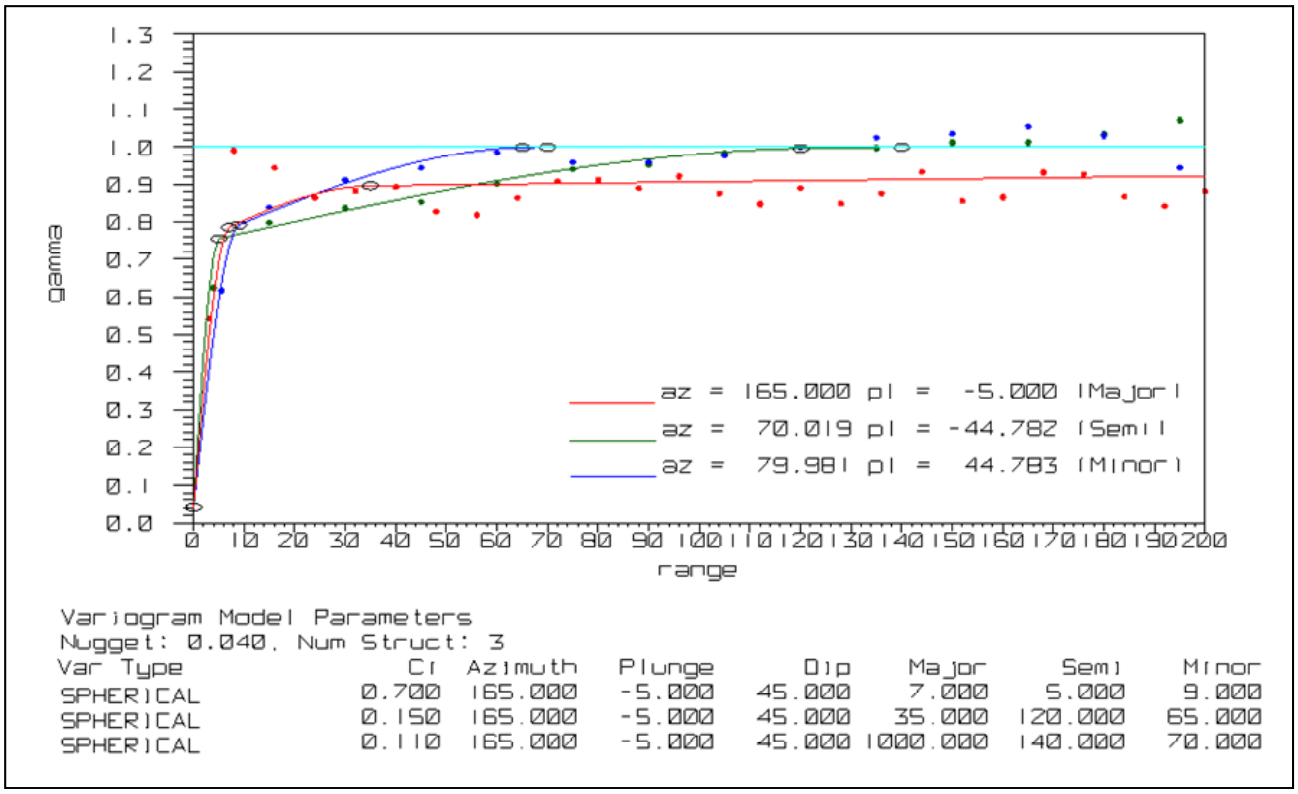
Figure 14-47: EU Au 17 Directional Variogram



Variogram Model Parameters
Nugget: 0.020, Num Struct: 3

Var Type	Ci	Azimuth	Plunge	Dip	Major	Semi	Minor
SPHERICAL	0.600	60.000	45.000	40.000	8.000	6.000	6.000
SPHERICAL	0.230	60.000	45.000	40.000	37.000	35.000	20.000
SPHERICAL	0.150	60.000	45.000	40.000	200.000	120.000	100.000

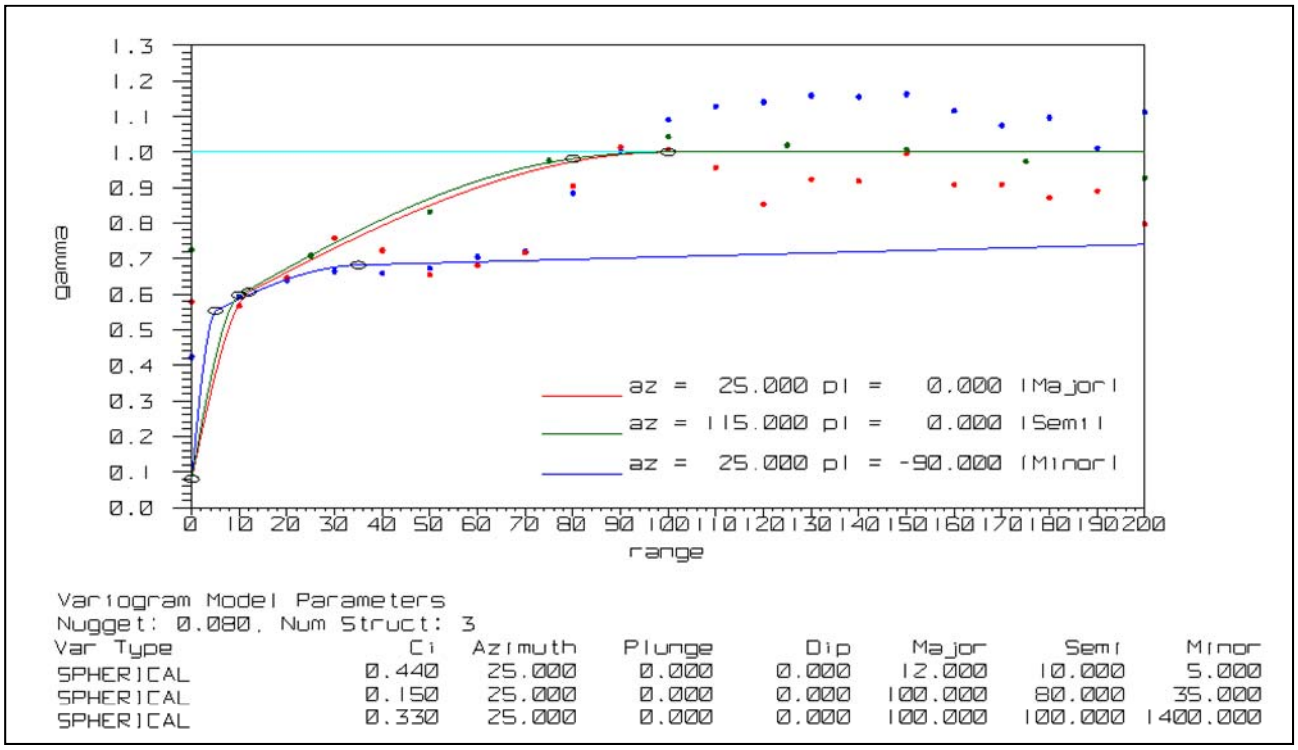
Figure 14-48: EU Au 22 Directional Variogram



Variogram Model Parameters
Nugget: 0.040, Num Struct: 3

Var Type	Ci	Azimuth	Plunge	Dip	Major	Semi	Minor
SPHERICAL	0.700	165.000	-5.000	45.000	7.000	5.000	9.000
SPHERICAL	0.150	165.000	-5.000	45.000	35.000	120.000	65.000
SPHERICAL	0.110	165.000	-5.000	45.000	1000.000	140.000	70.000

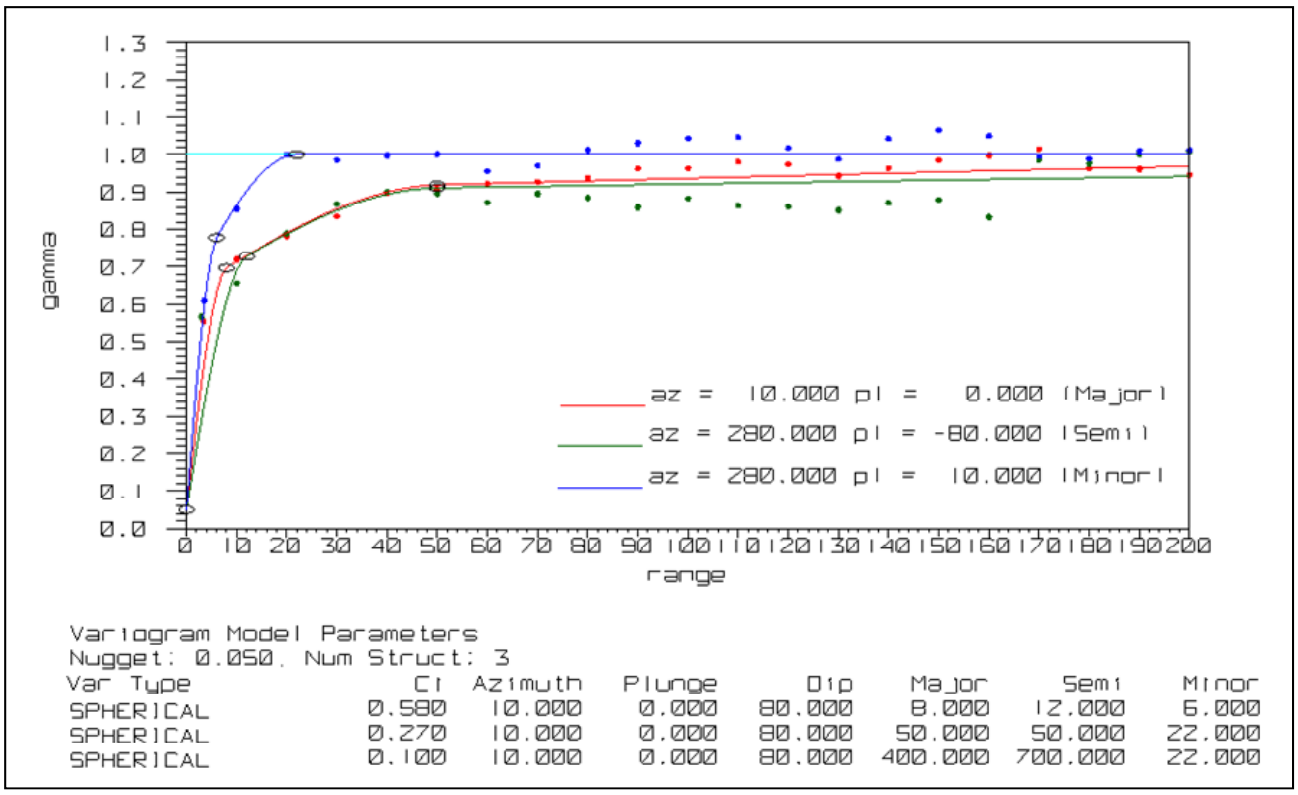
Figure 14-49: EU Au 23 Directional Variogram



Variogram Model Parameters
Nugget: 0.080, Num Struct: 3

Var Type	Ci	Azimuth	Plunge	Dip	Major	Semi	Minor
SPHERICAL	0.440	25.000	0.000	0.000	12.000	10.000	5.000
SPHERICAL	0.150	25.000	0.000	0.000	100.000	80.000	35.000
SPHERICAL	0.330	25.000	0.000	0.000	100.000	100.000	400.000

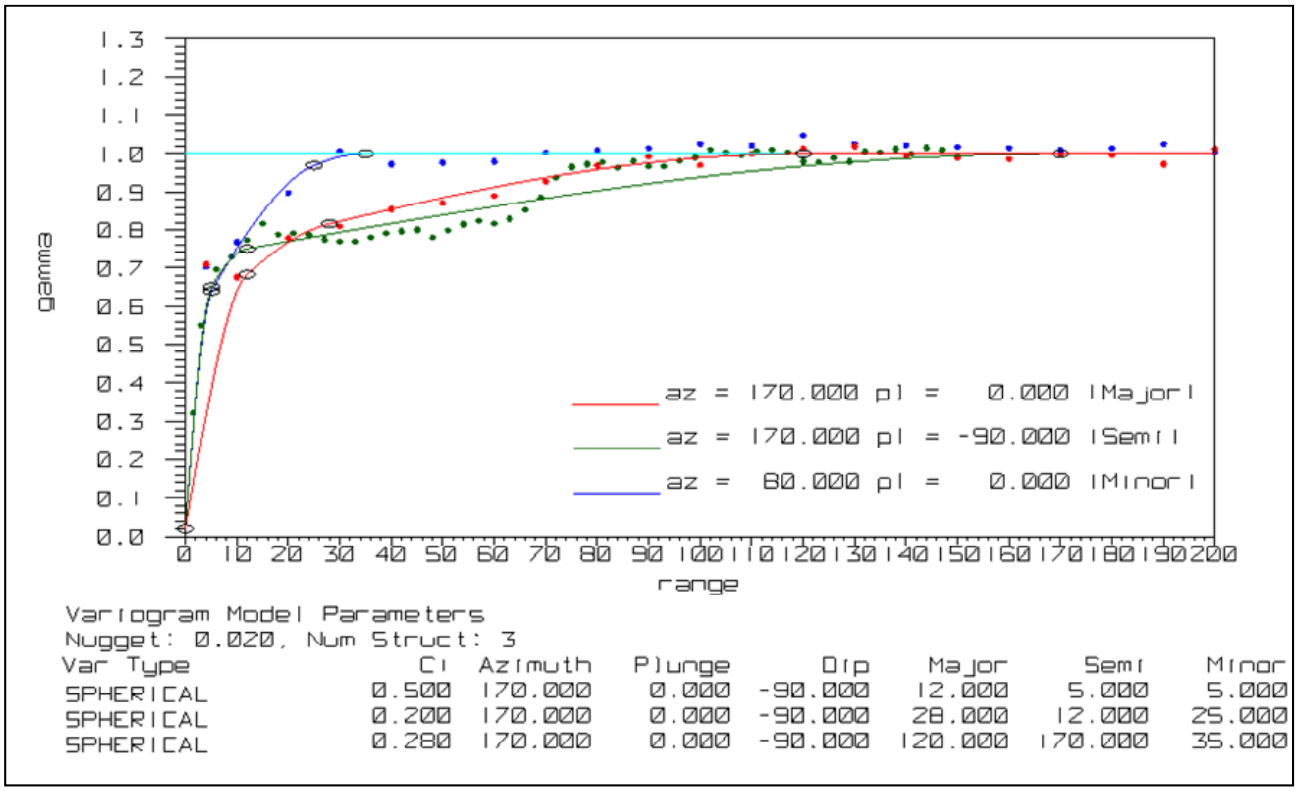
Figure 14-50: EU Au 24 Directional Variogram



Variogram Model Parameters
Nugget: 0.050, Num Struct: 3

Var Type	Ci	Azimuth	Plunge	Dip	Major	Semi	Minor
SPHERICAL	0.580	10.000	0.000	80.000	8.000	12.000	6.000
SPHERICAL	0.270	10.000	0.000	80.000	50.000	50.000	22.000
SPHERICAL	0.100	10.000	0.000	80.000	400.000	700.000	22.000

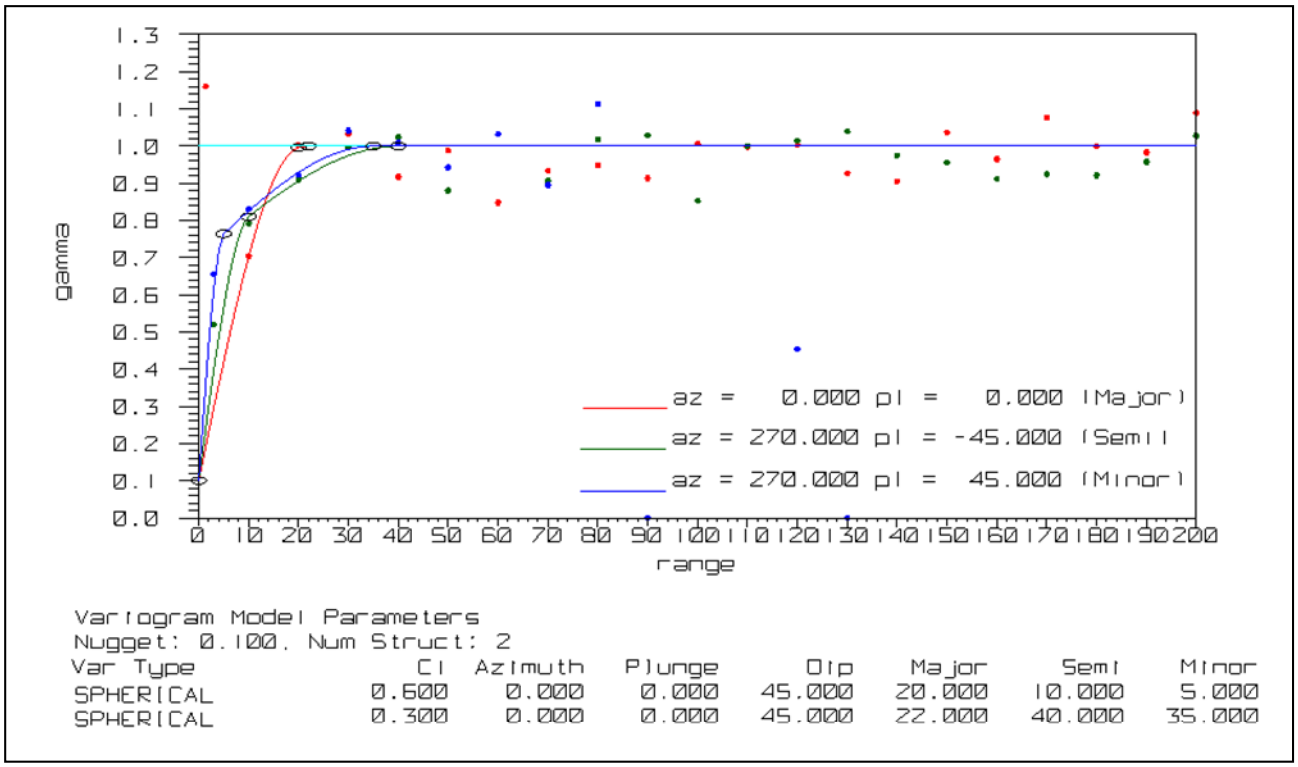
Figure 14-51: EU Au 26 Directional Variogram



Variogram Model Parameters
Nugget: 0.020, Num Struct: 3

Var Type	CI	Azimuth	Plunge	Dip	Major	Semi	Minor
SPHERICAL	0.500	170.000	0.000	-90.000	12.000	5.000	5.000
SPHERICAL	0.200	170.000	0.000	-90.000	28.000	12.000	25.000
SPHERICAL	0.280	170.000	0.000	-90.000	120.000	170.000	35.000

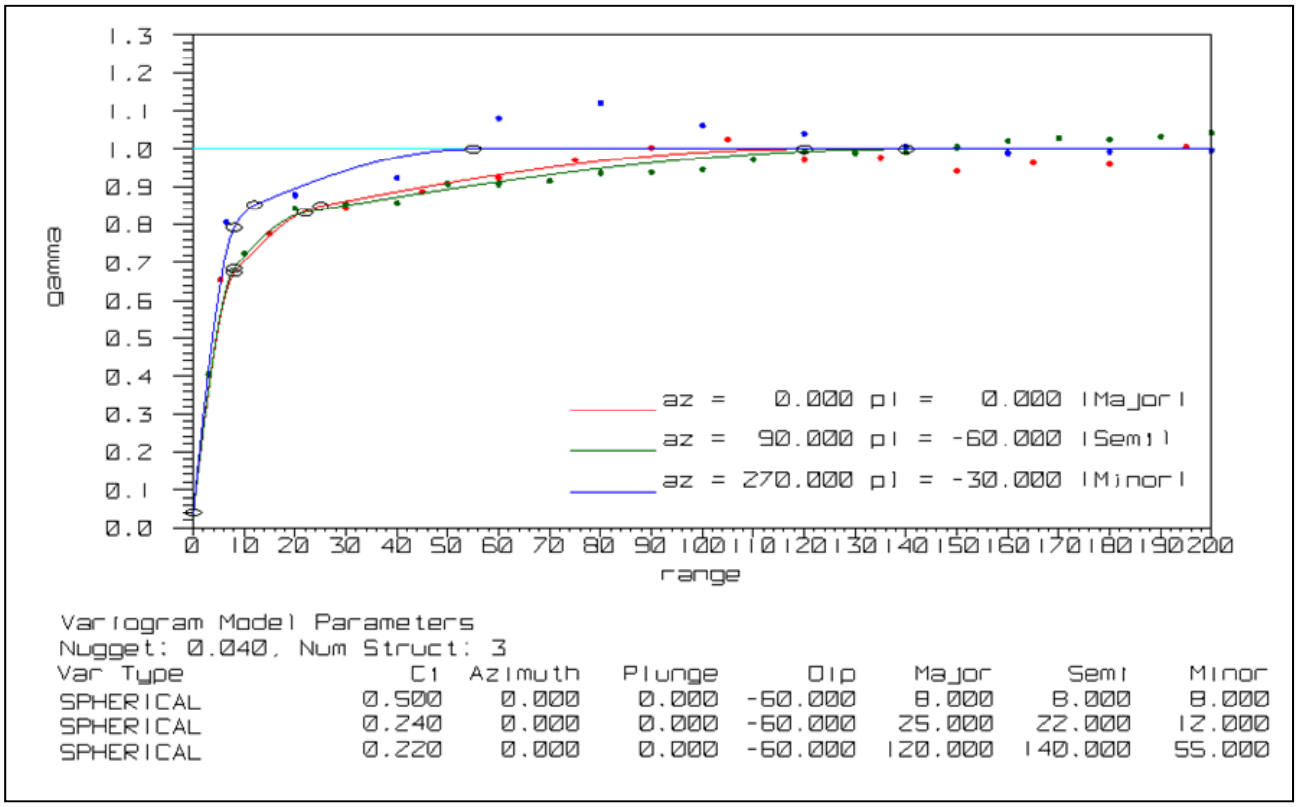
Figure 14-52: EU Au 27 Directional Variogram



Variogram Model Parameters
Nugget: 0.100, Num Struct: 2

Var Type	CI	Azimuth	Plunge	Dip	Major	Semi	Minor
SPHERICAL	0.600	0.000	0.000	45.000	20.000	10.000	5.000
SPHERICAL	0.300	0.000	0.000	45.000	22.000	40.000	35.000

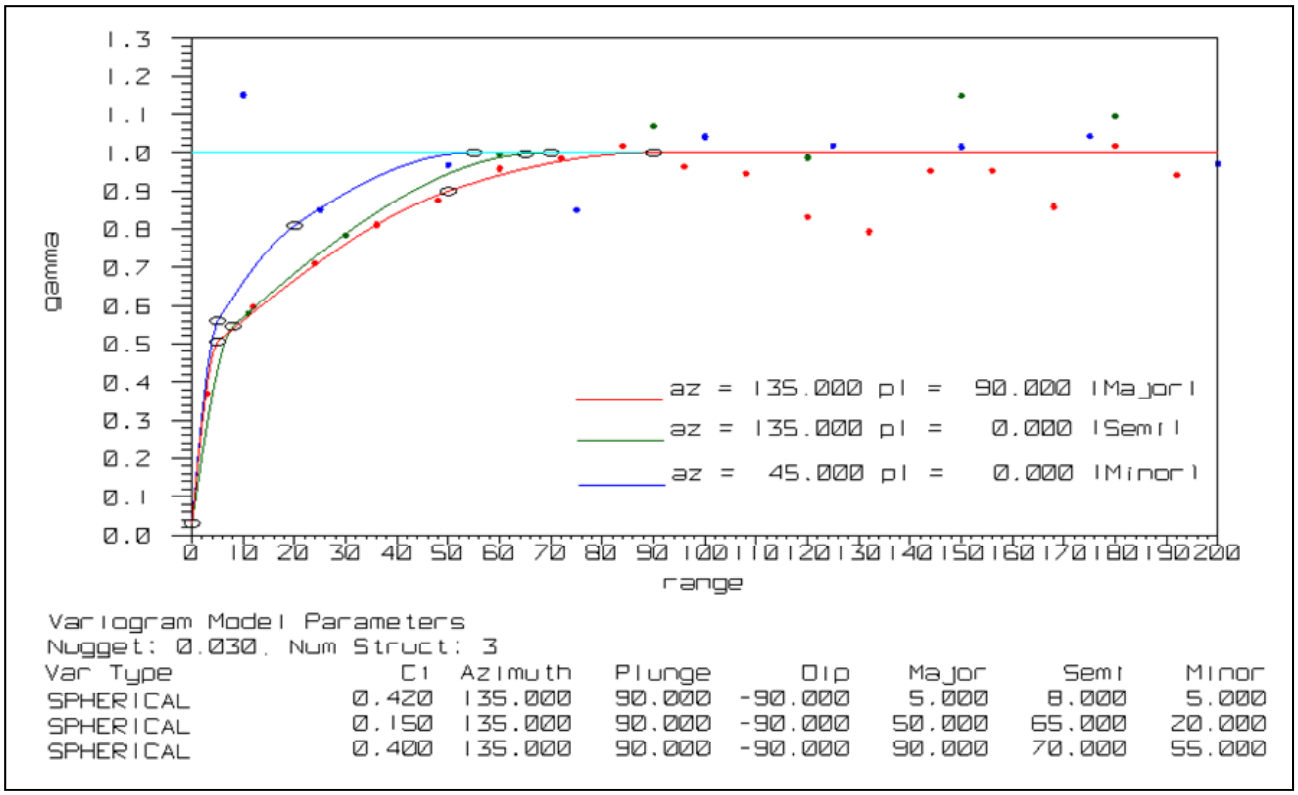
Figure 14-53: EU Au 32 Directional Variogram



Variogram Model Parameters
Nugget: 0.040, Num Struct: 3

Var Type	C1	Azimuth	Plunge	Dip	Major	Semi	Minor
SPHERICAL	0.500	0.000	0.000	-60.000	8.000	8.000	8.000
SPHERICAL	0.240	0.000	0.000	-60.000	25.000	22.000	12.000
SPHERICAL	0.220	0.000	0.000	-60.000	120.000	140.000	55.000

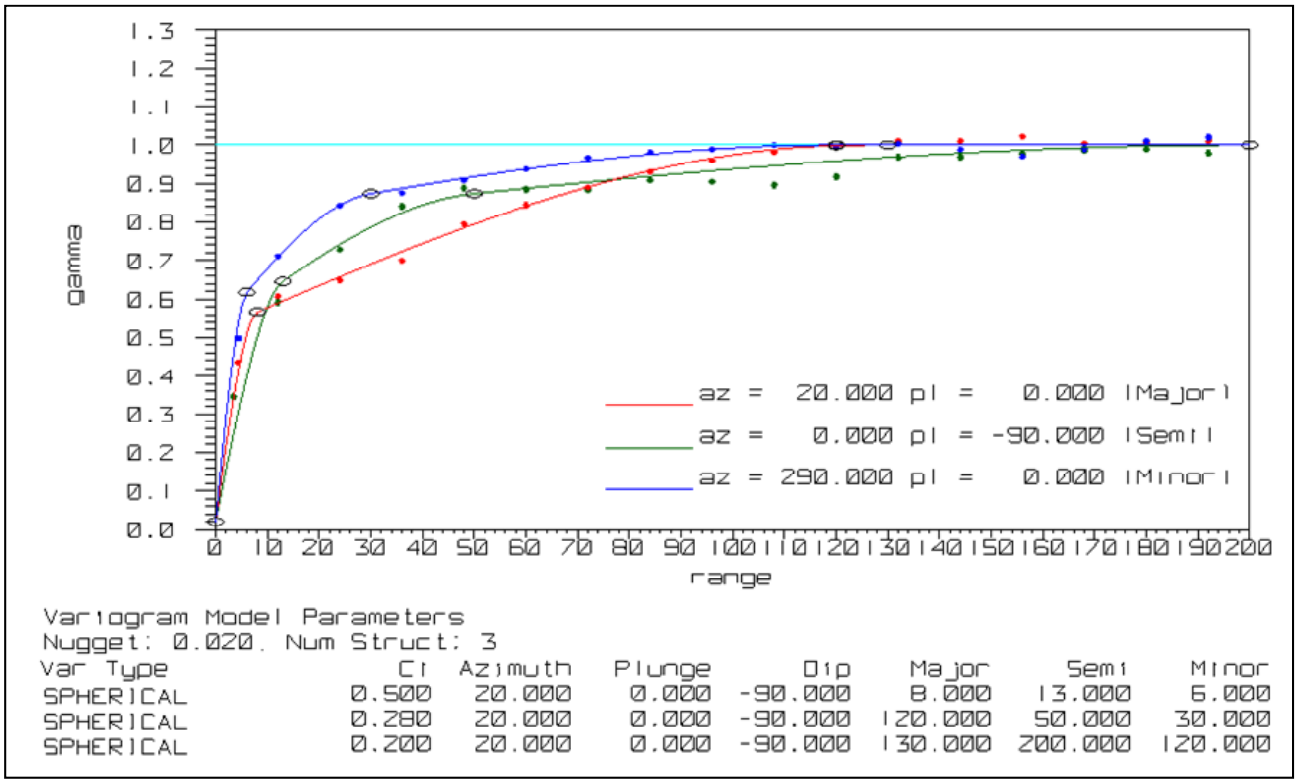
Figure 14-54: EU Au 33 Directional Variogram



Variogram Model Parameters
Nugget: 0.030, Num Struct: 3

Var Type	C1	Azimuth	Plunge	Dip	Major	Semi	Minor
SPHERICAL	0.420	135.000	90.000	-90.000	5.000	8.000	5.000
SPHERICAL	0.150	135.000	90.000	-90.000	50.000	65.000	20.000
SPHERICAL	0.400	135.000	90.000	-90.000	90.000	70.000	55.000

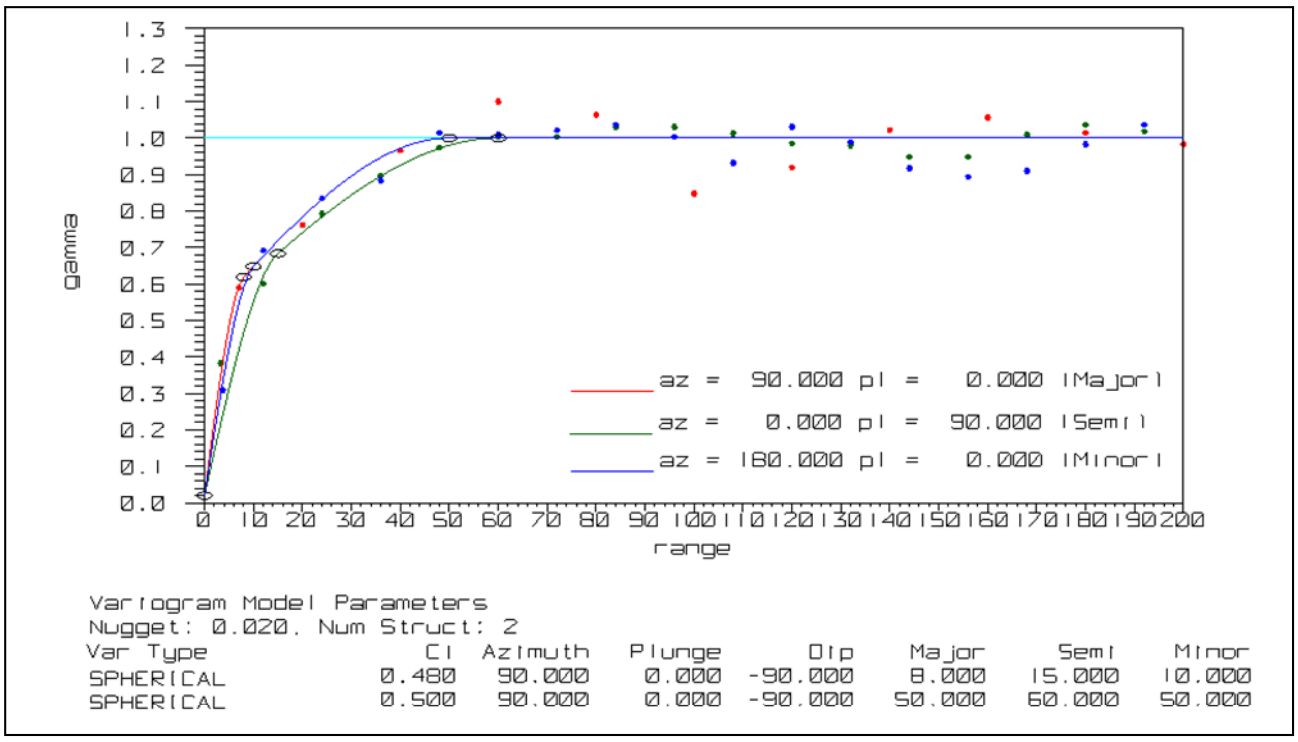
Figure 14-55: EU Au 34 Directional Variogram



Variogram Model Parameters
Nugget: 0.020, Num Struct: 3

Var Type	CI	Azimuth	Plunge	Dip	Major	Semi	Minor
SPHERICAL	0.500	20.000	0.000	-90.000	8.000	13.000	6.000
SPHERICAL	0.280	20.000	0.000	-90.000	120.000	50.000	30.000
SPHERICAL	0.200	20.000	0.000	-90.000	130.000	200.000	120.000

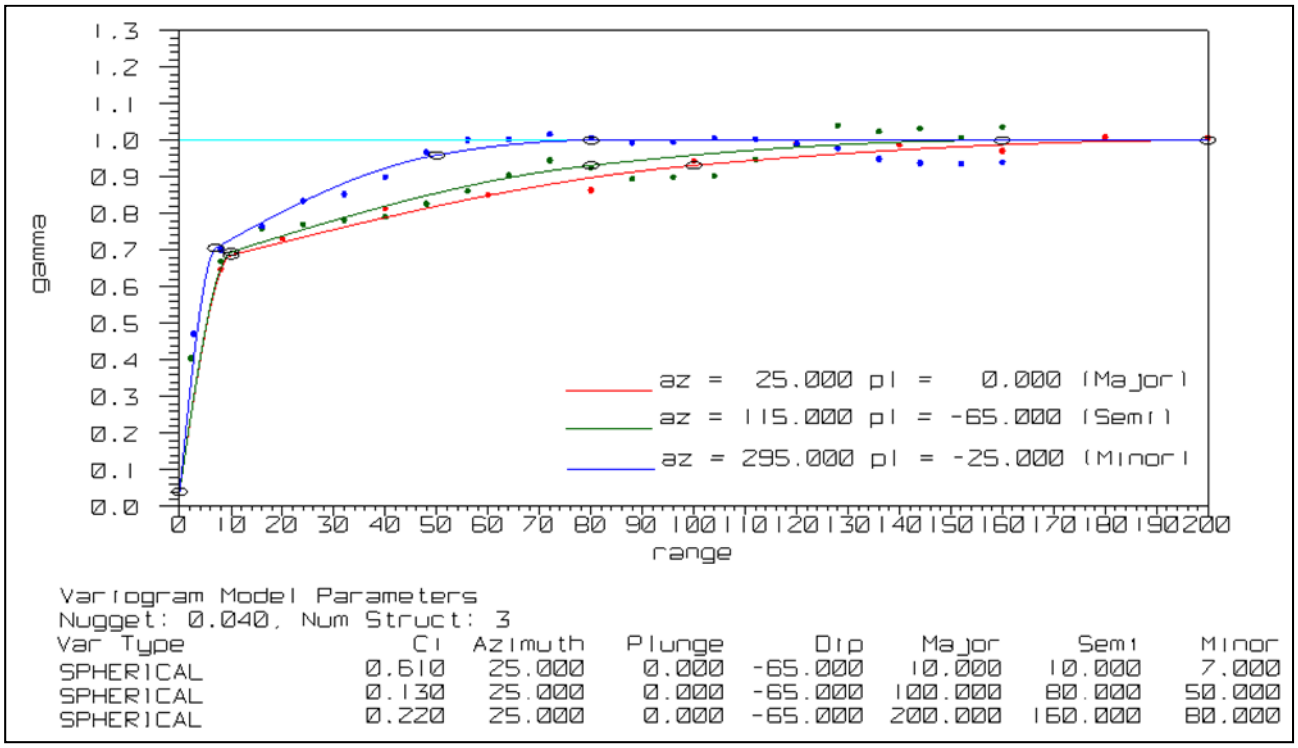
Figure 14-56: EU Au 36 Directional Variogram



Variogram Model Parameters
Nugget: 0.020, Num Struct: 2

Var Type	CI	Azimuth	Plunge	Dip	Major	Semi	Minor
SPHERICAL	0.480	90.000	0.000	-90.000	8.000	15.000	10.000
SPHERICAL	0.500	90.000	0.000	-90.000	50.000	60.000	50.000

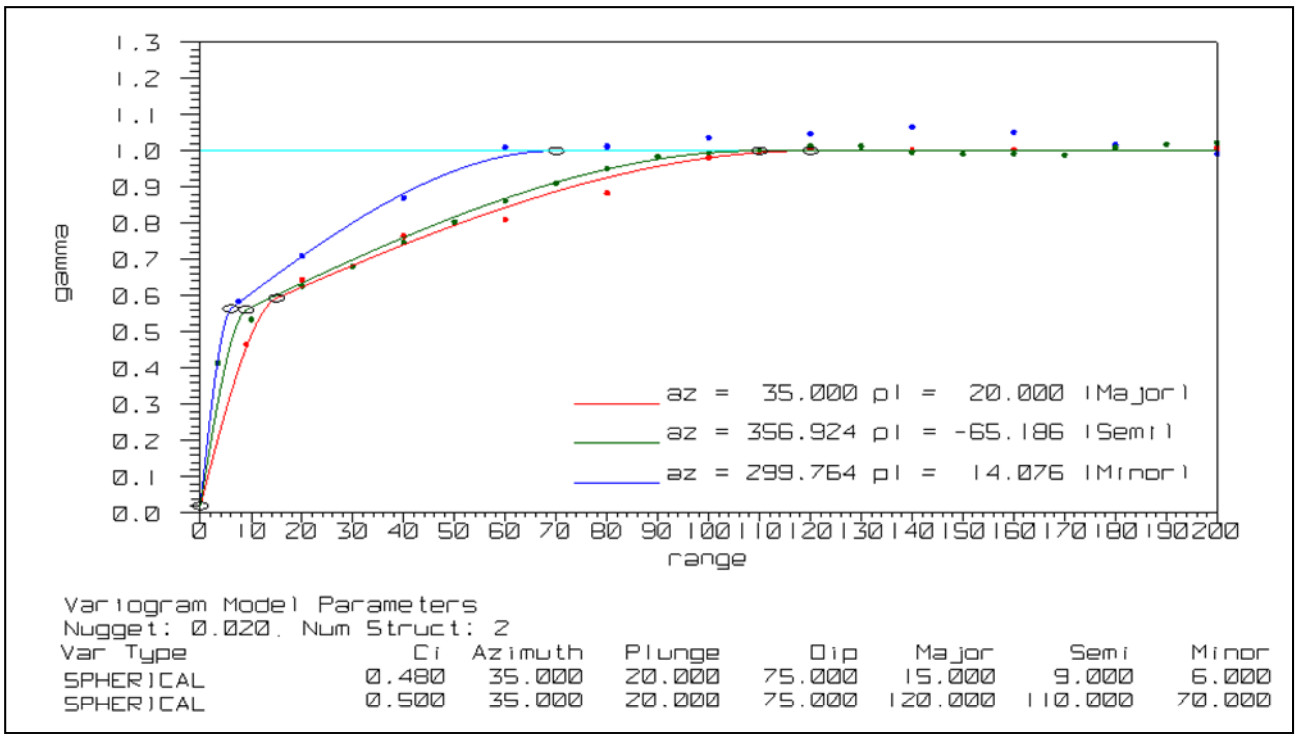
Figure 14-57: EU Au 37 Directional Variogram



Variogram Model Parameters
Nugget: 0.040, Num Struct: 3

Var Type	Ci	Azimuth	Plunge	Dip	Major	Semi	Minor
SPHERICAL	0.610	25.000	0.000	-65.000	10.000	10.000	7.000
SPHERICAL	0.130	25.000	0.000	-65.000	100.000	80.000	50.000
SPHERICAL	0.220	25.000	0.000	-65.000	200.000	160.000	80.000

Figure 14-58: EU Ag 14 Directional Variogram



Variogram Model Parameters
Nugget: 0.020, Num Struct: 2

Var Type	Ci	Azimuth	Plunge	Dip	Major	Semi	Minor
SPHERICAL	0.480	35.000	20.000	75.000	15.000	9.000	6.000
SPHERICAL	0.500	35.000	20.000	75.000	120.000	110.000	70.000

Figure 14-59: EU Ag 16 Directional Variogram

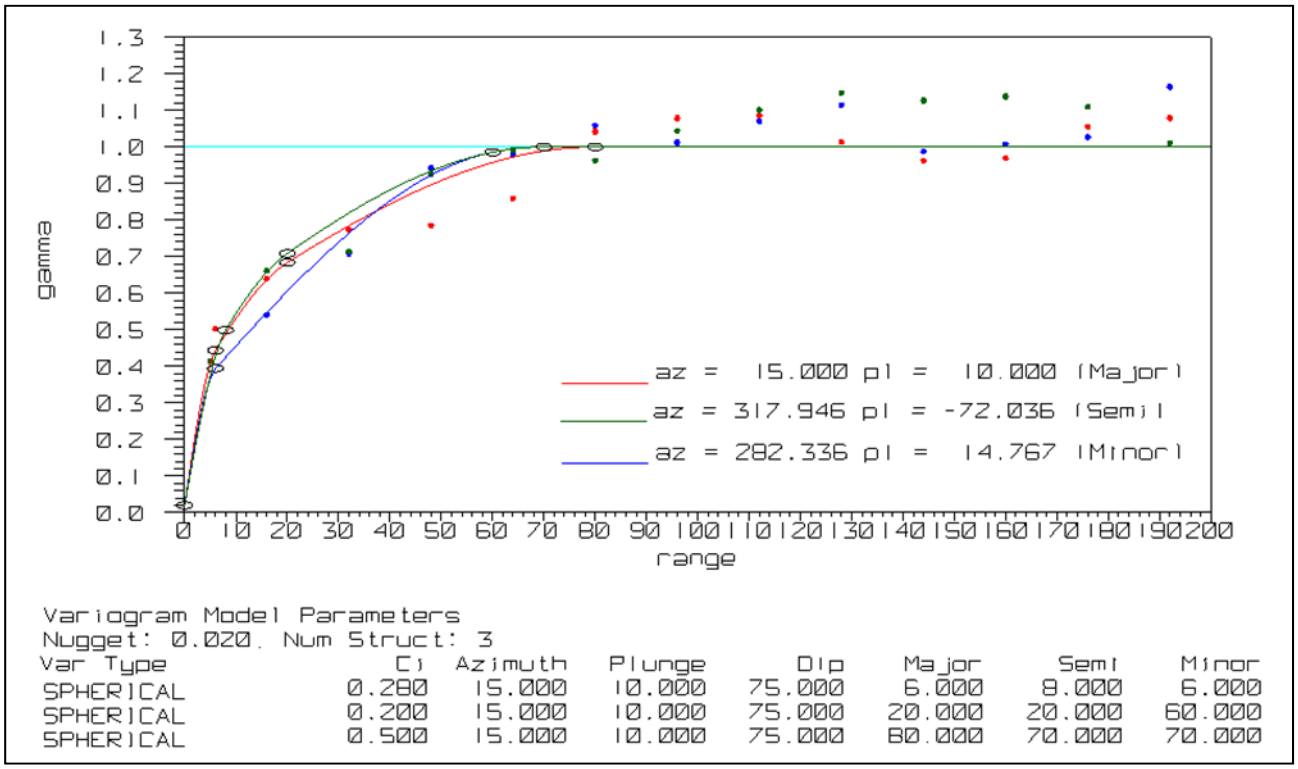


Figure 14-60: EU Ag 17 Directional Variogram

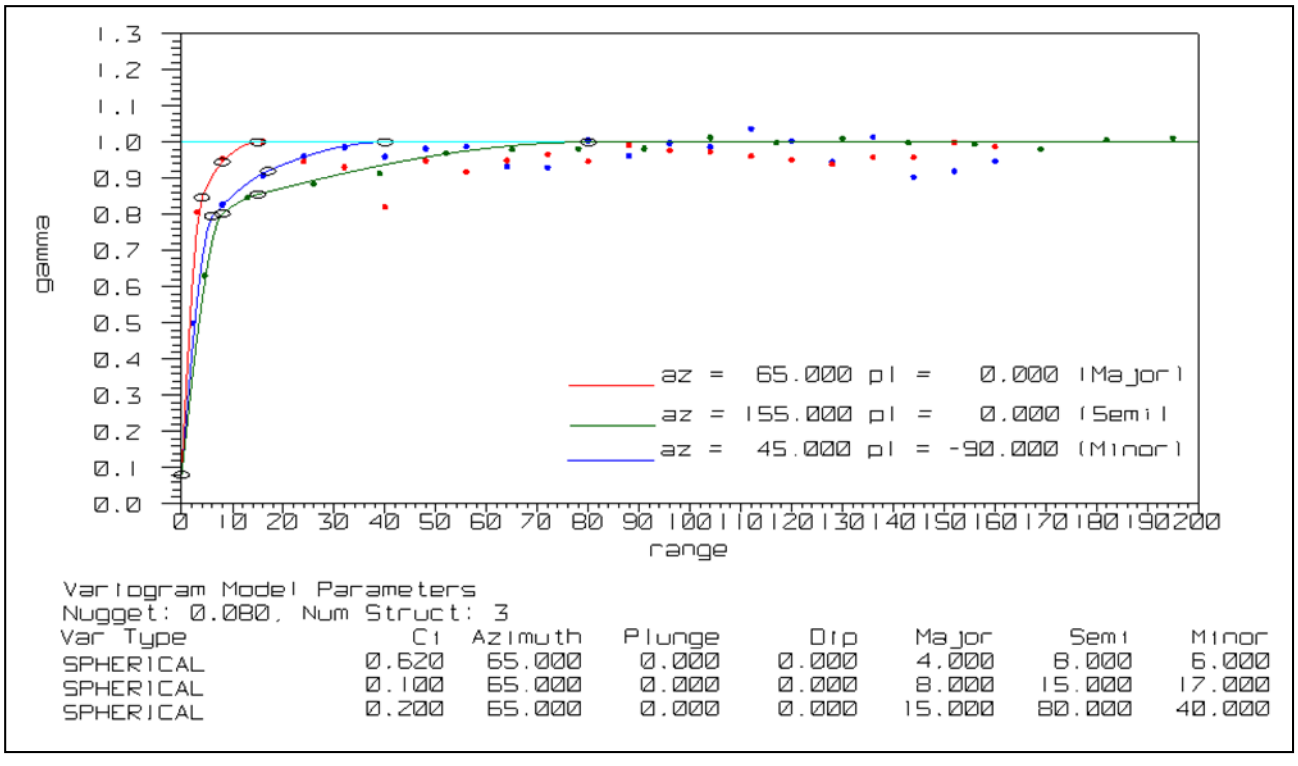
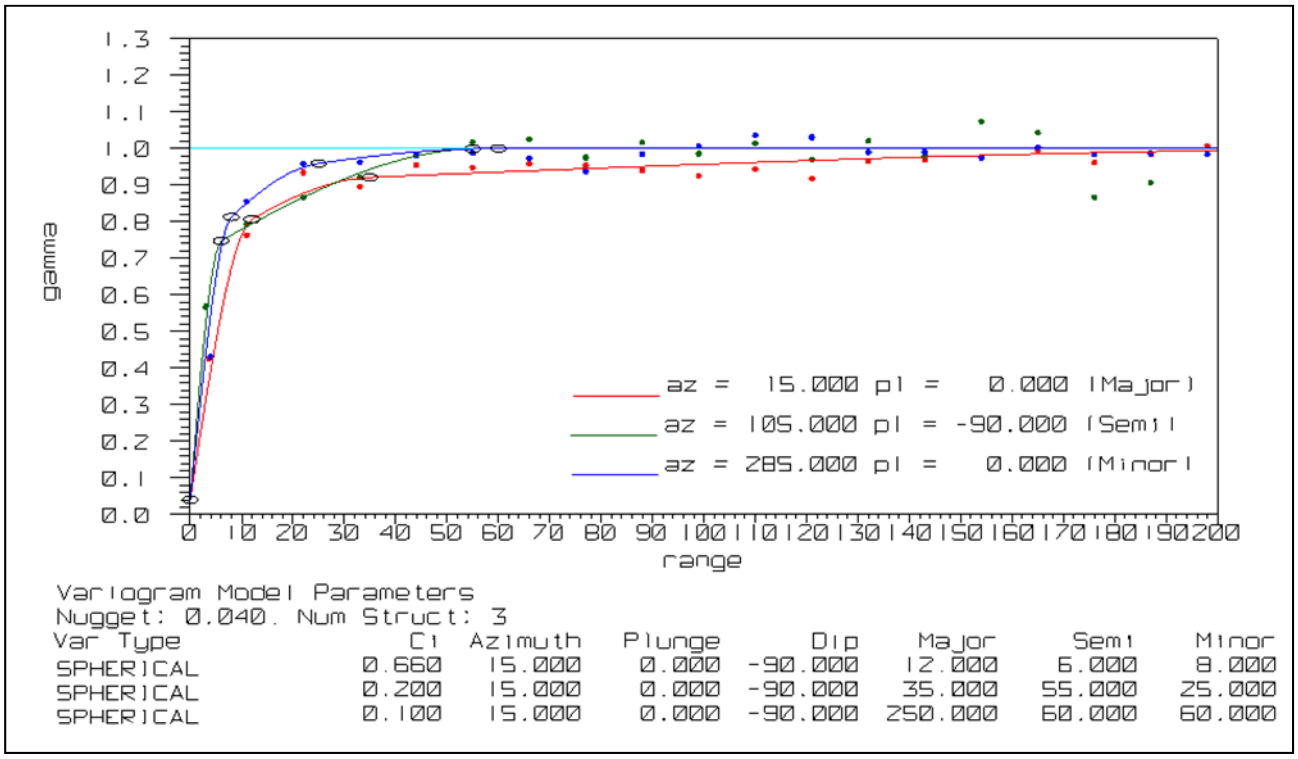
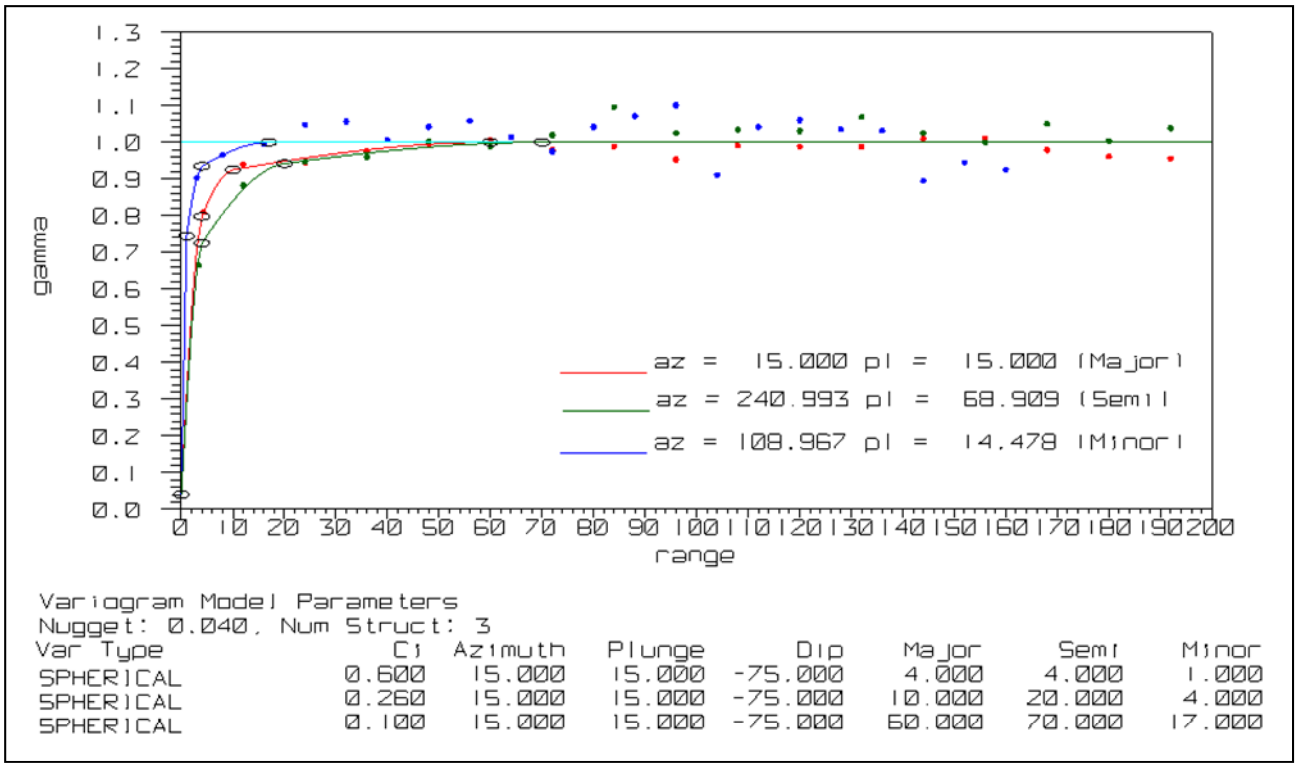


Figure 14-61: EU Ag 22 Directional Variogram



Var Type	Ci	Azimuth	Plunge	Dip	Major	Semi	Minor
SPHERICAL	0.660	15.000	0.000	-90.000	12.000	6.000	8.000
SPHERICAL	0.200	15.000	0.000	-90.000	35.000	55.000	25.000
SPHERICAL	0.100	15.000	0.000	-90.000	250.000	60.000	60.000

Figure 14-62: EU Ag 23 Directional Variogram



Var Type	Ci	Azimuth	Plunge	Dip	Major	Semi	Minor
SPHERICAL	0.600	15.000	15.000	-75.000	4.000	4.000	1.000
SPHERICAL	0.260	15.000	15.000	-75.000	10.000	20.000	4.000
SPHERICAL	0.100	15.000	15.000	-75.000	60.000	70.000	17.000

Figure 14-63: EU Ag 24 Directional Variogram

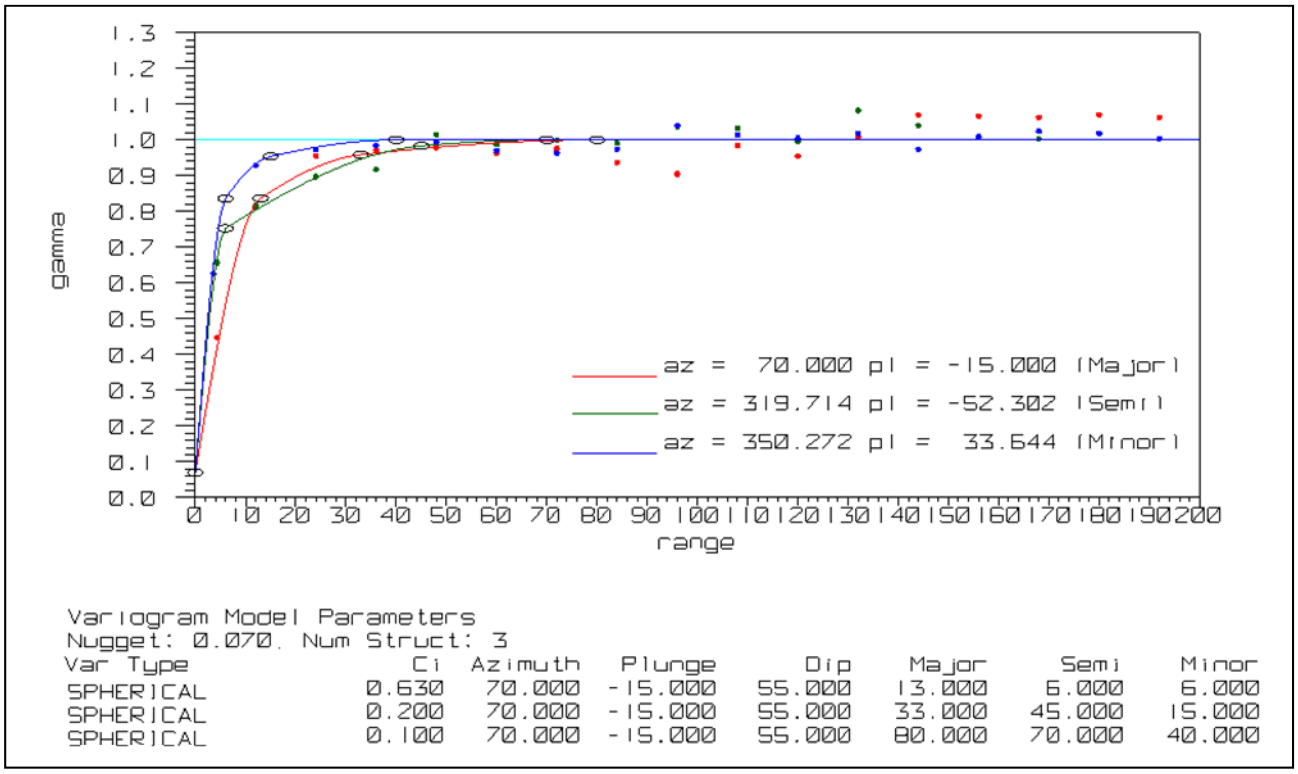


Figure 14-64: EU Ag 26 Directional Variogram

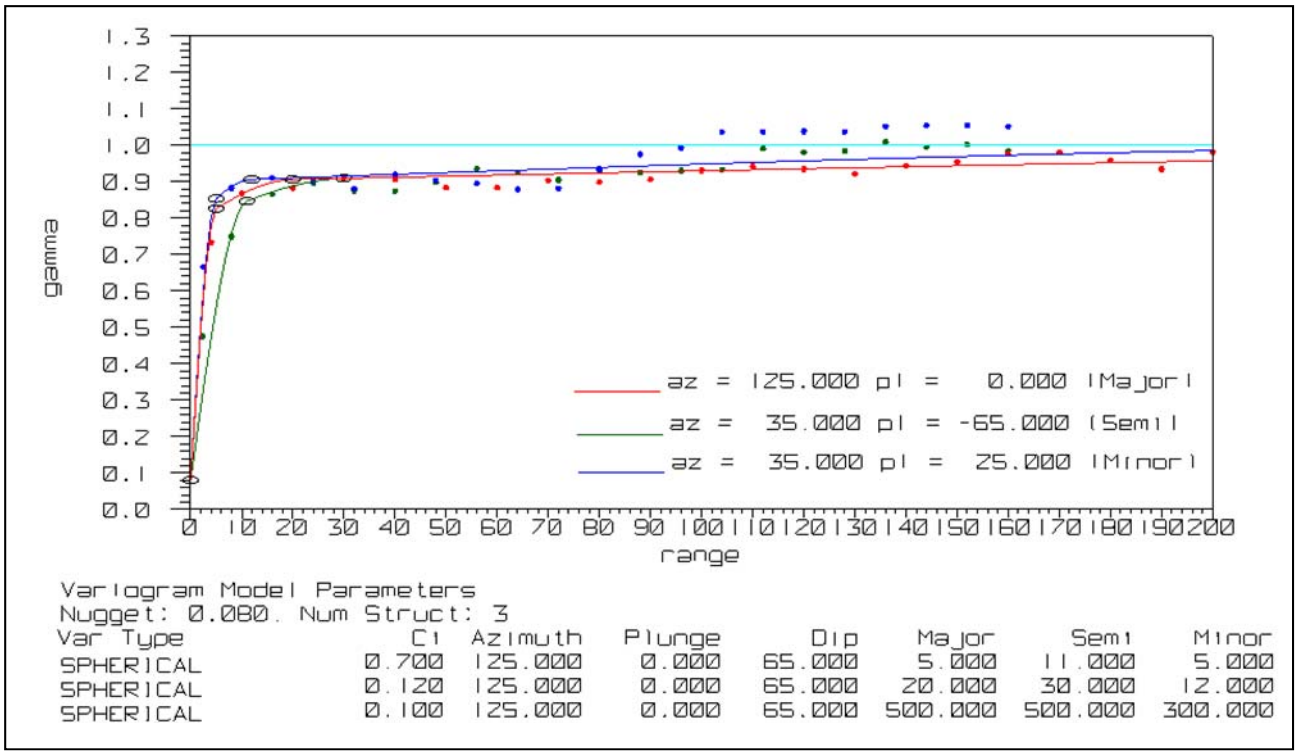


Figure 14-65: EU Ag 27 Directional Variogram

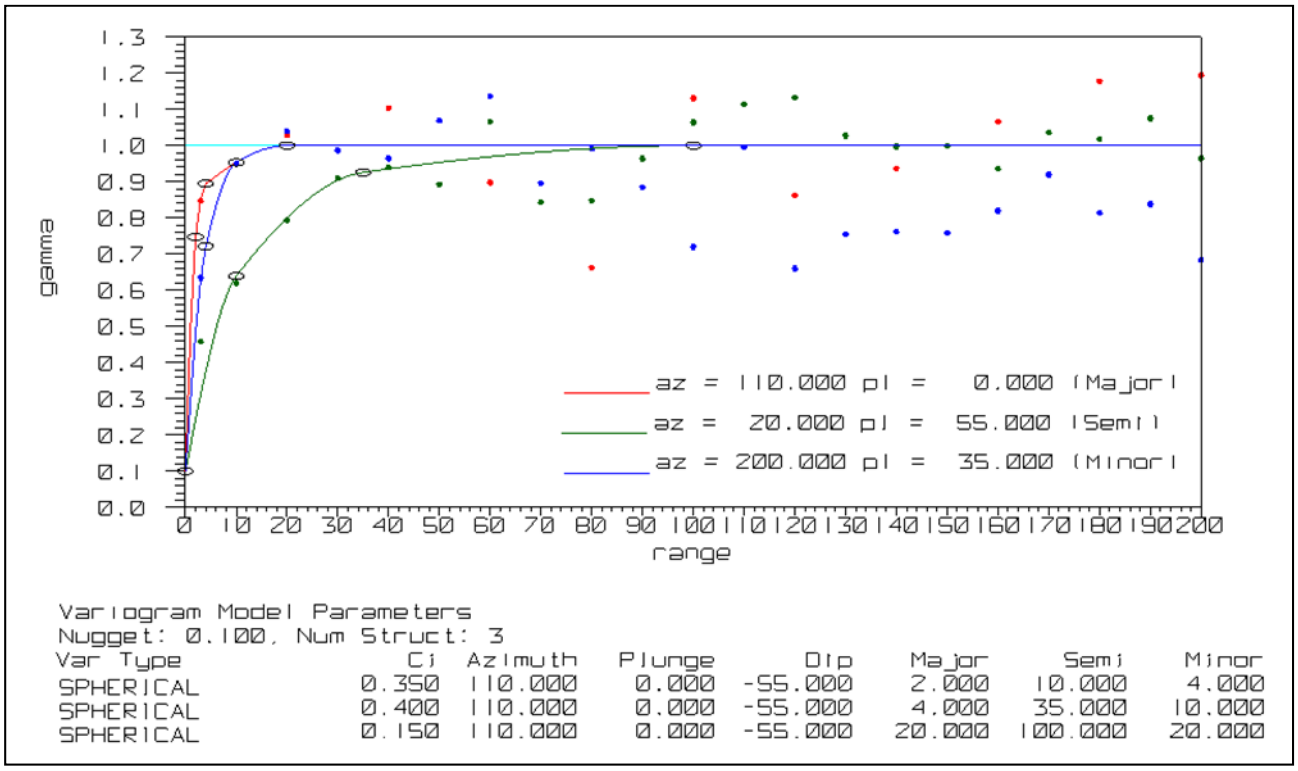


Figure 14-66: EU Ag 32 Directional Variogram

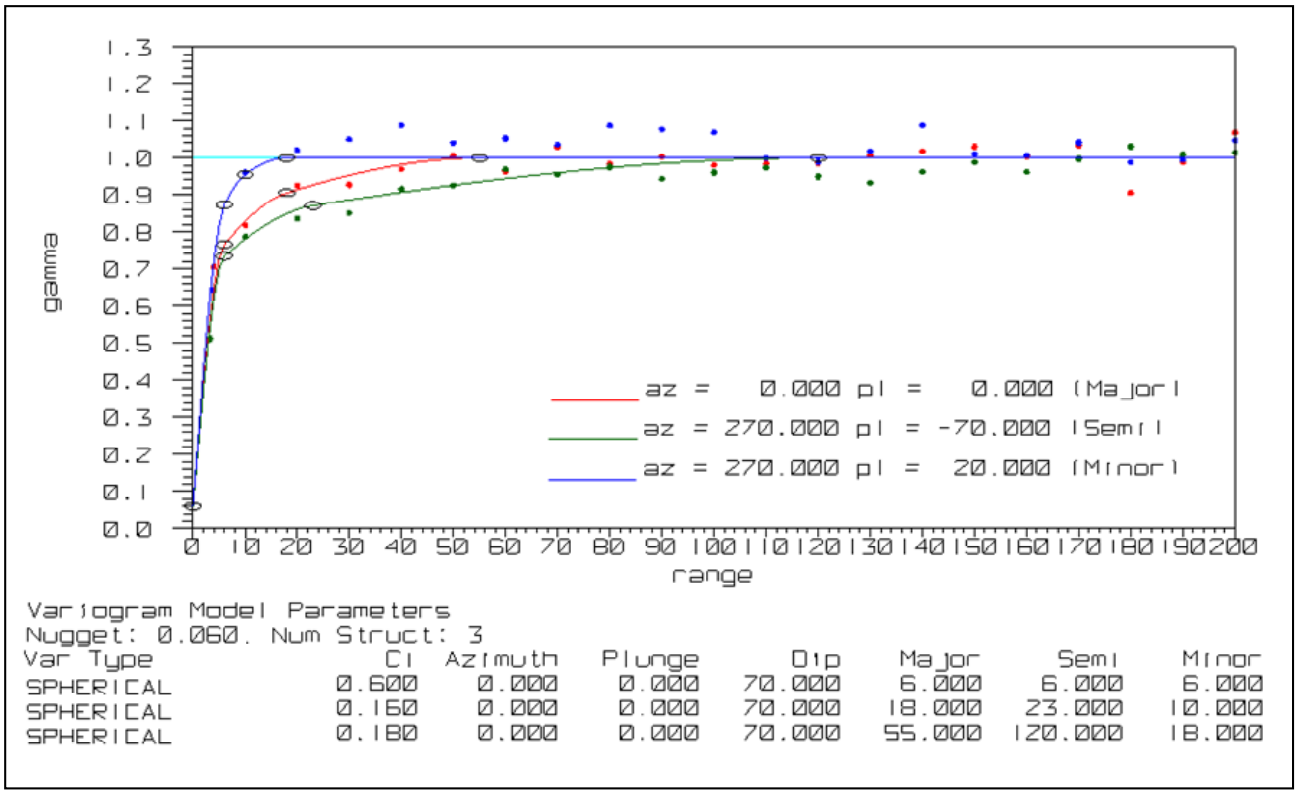
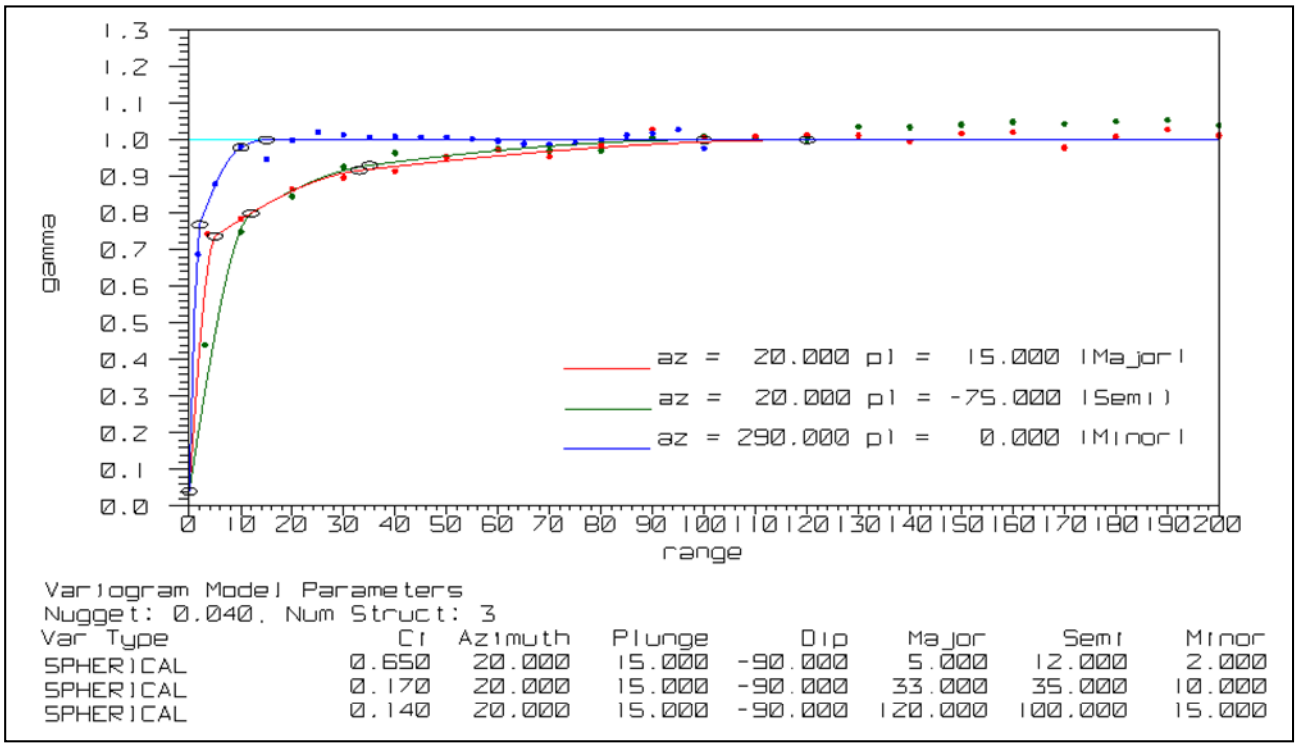


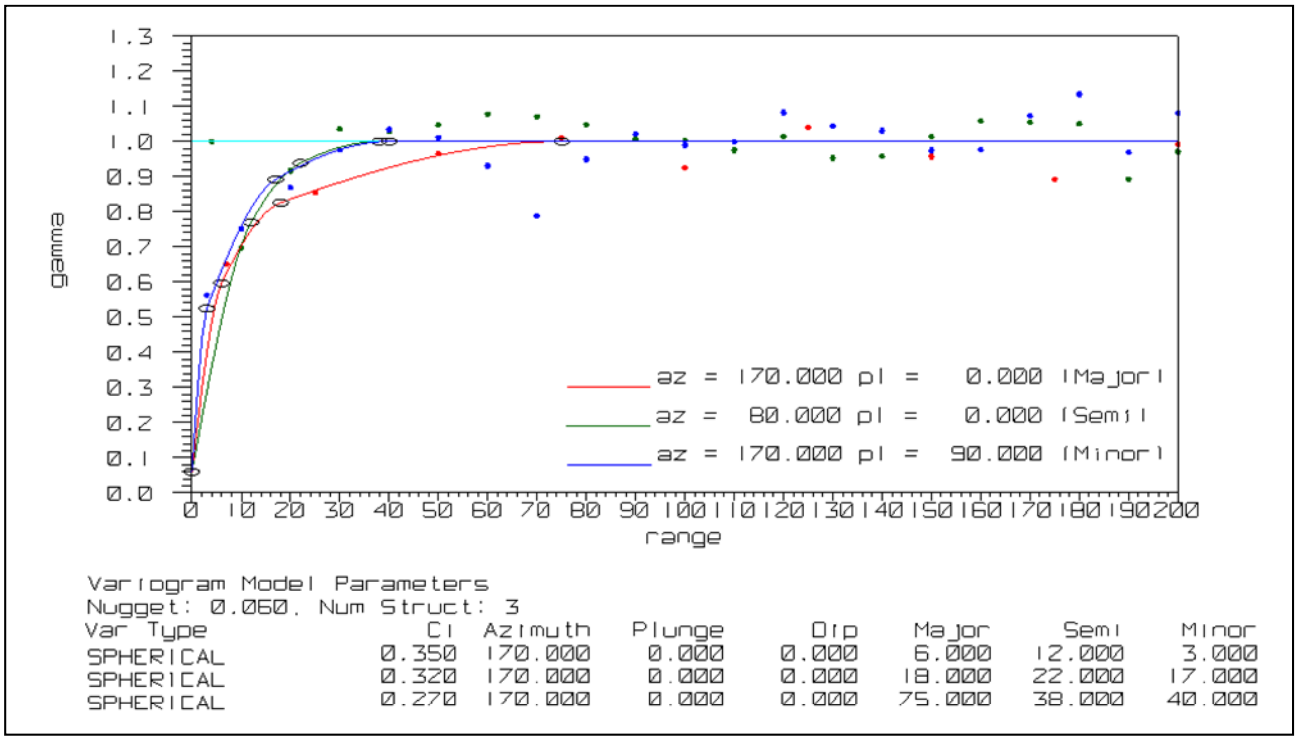
Figure 14-67: EU Ag 33 Directional Variogram



Variogram Model Parameters
Nugget: 0.040, Num Struct: 3

Var Type	Cl	Azimuth	Plunge	Dip	Major	Semi	Minor
SPHERICAL	0.650	20.000	15.000	-90.000	5.000	12.000	2.000
SPHERICAL	0.170	20.000	15.000	-90.000	33.000	35.000	10.000
SPHERICAL	0.140	20.000	15.000	-90.000	120.000	100.000	15.000

Figure 14-68: EU Ag 36 Directional Variogram



Variogram Model Parameters
Nugget: 0.060, Num Struct: 3

Var Type	Cl	Azimuth	Plunge	Dip	Major	Semi	Minor
SPHERICAL	0.350	170.000	0.000	0.000	6.000	12.000	3.000
SPHERICAL	0.320	170.000	0.000	0.000	18.000	22.000	17.000
SPHERICAL	0.270	170.000	0.000	0.000	75.000	38.000	40.000

Figure 14-69: EU Ag 37 Directional Variogram

14.4 Au and Ag Resource Estimation

A block model with sub-cells was constructed in order to perform the resource estimation using ordinary kriging. Each unit was estimated separately because hard boundaries were used in all cases. Validations were conducted to review the information of the nearest neighbor for global bias and drift, whereas for the general neighborhood review (where blocks around drillholes are also included), composited samples of 1.5 m were used. In order to limit the influence of very high grades, capping was performed on each estimation unit.

14.4.1 Block Model

The block model with sub-cells was used for storing Au and Ag grades, named "MB_Sleeper_0711_Au_SC_placer.bmf". Coordinates and data for construction are the following:

- X origin: 411,150 meters
- Y origin: 4,574,350 meters
- Z origin: 500 meters
- Bearing: 90°
- Plunge: 0°
- Dip: 0°
- Block size: 2.5x2.5x2.5 meters (minimum)*
- Block size: 50x50x50 meters (maximum)
- X distance: 1,950 meters
- Y distance: 3,200 meters
- Z distance: 900 meters

* = máximum size of block when it is inside a gold vein of 10x10x10 meters.

The most important model characteristics are:

- Au: gold grades in ppm
- Ag: silver grades in ppm
- Sec_au: Indicates the sector that is associated with the block for gold
  - 1: Sleeper
  - 2: Facility
  - 3: West Wood
- Sec_ag: Indicates the sector that is associated with the block for silver
  - 1: Sleeper
  - 2: Facility
  - 3: West Wood

- Dom_au: Indicates the domain that is associated with the block for gold
  - 1: shell gold 0.1 ppm
  - 3: shell gold 0.3 ppm
  - 10: shell gold 1 ppm
- Dom_ag: Indicates the domain that is associated with the block for silver
  - 2: shell silver 2 ppm
  - 10: shell silver 10 ppm
- Ug_Au: Indicates geology unit for estimation gold
- Ug_Ag: Indicates geology unit for estimation silver
- Categ: Indicates the categorization
  - 1: measured
  - 2: indicated
  - 3: infered
- Topo: Indicates the proportion of insitu rock of the block (1=rock, 0=air)
- Lito_s: Indicates the rock type
- Minz: Indicates the mineral zone type
- Densidad: Indicates the density (tonnes/m3)

14.4.2 High Grade Values

In order to avoid over estimation produced by high grade values, a restricted search radius was used for those high gold and silver values. Table 14-12, lists the threshold for those values while the restricted search radius used is detailed in the estimation plan in Appendix D. Additionally, maximum values for gold and silver were set and a cap was applied, as shown in Table 14-12.

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Table 14-12: High Grades Restriction

EU	High yield		Capping	
	Au (ppm)	Ag (ppm)	Au (ppm)	Ag (ppm)
12	-	5.3	-	5.3
13	15	83	15	83
14	9.8	80	80	340
16	13.5	155	950	980
17	17.3	240	52	320
22	1.5	40	2	90
23	2.73	58	3.1	117
24	3.6	135	7	293
26	7.5	154	40	380
27	4.4	135	16	380
32	1.57	75	1.8	100
33	9.5	180	28	500
34	2.5	18	2.5	18
36	6.7	175	30	440
37	8.2	70	16	130

14.4.3 Au and Ag Estimation Plan

The Sleeper estimation plan is divided among 3 ellipsoids or “runs” for estimating each block belonging to a variogram configuration. There is a fourth run for filling non-estimated blocks. General settings are detailed bellow:

- The three first runs were determined according to the correlogram function distribution for each preferential direction.
- A fourth run was created in some units for allowing the estimation of blocks which have not been estimated in the previous three runs and belong, in general, to a double of the third run.
- All Au and Ag estimations are developed by the ordinary kriging method, except unit 12 for gold and units 12, 13 and 34 for silver, which were estimated with inverse distance squared (ID2). This is because these units have insufficient data.

- The angles which determine the search directions for Au and Ag are the same ones determined in the correlogram maps.
- Since the deposit has disseminated mineralization as well as in structures, it was decided to use capping for very high grades and erratic values.
- The estimation file denomination has the following configuration:

  Project Name> + <ko_ugau> + <value of EU> .bef

  For example: sleko_ugau12.bef
- Each BEF has 3 or 4 ID's which belong to each estimation run.
- In order to estimate, a small ellipsoid and non-grade restriction were used.

The estimation plan for Au grades is shown in Table 14-13 and the estimation plan for silver grades is shown in Table 14-14.

Table 14-13: Au Estimation Plan

EU_Au	Pass	Type	Search angles			Search Distance			Discretization			Samples x Est.		Database	Grade	Capping	Restringed Ratios for Threshold High yield					Max_samp_DH
			Bearing	Plunge	Dip	Major	Semi	Minor				min	max				Grade		Mayor	Semi	minor	
100	1	ID[3]	0	0	0	10	10	3	4	4	3	1	4	sle0711.crl.isis	AU_PPM	-	-	-	-	-	-	-
12	1	ID[2]	15	0	10	45	30	30	4	4	3	8	12	sle0711.crl.isis	AU_PPM	-	-	-	-	-	-	5
	2	ID[2]	15	0	10	60	40	45	4	4	3	8	12	sle0711.crl.isis	AU_PPM	-	-	-	-	-	-	5
	3	ID[2]	15	0	10	100	70	80	4	4	3	5	8	sle0711.crl.isis	AU_PPM	-	-	-	-	-	-	4
	4	ID[2]	15	0	10	100	70	80	4	4	3	3	8	sle0711.crl.isis	AU_PPM	-	-	-	-	-	-	-
13	1	OK	15	0	10	45	30	30	4	4	3	8	12	sle0711.crl.isis	AU_PPM	15	AU_PPM	6	4	4	4	5
	2	OK	15	0	10	60	40	45	4	4	3	8	12	sle0711.crl.isis	AU_PPM	15	AU_PPM	6	4	4	4	5
	3	OK	15	0	10	120	80	90	4	4	3	5	8	sle0711.crl.isis	AU_PPM	15	AU_PPM	6	4	4	4	4
	4	OK	15	0	10	120	80	90	4	4	3	3	8	sle0711.crl.isis	AU_PPM	15	AU_PPM	6	4	4	4	-
14	1	OK	15	0	-70	16	16	9	4	4	3	8	12	sle0711.crl.isis	AU_PPM	80	AU_PPM	9.8	8	8	8	5
	2	OK	15	0	-70	40	40	25	4	4	3	8	12	sle0711.crl.isis	AU_PPM	80	AU_PPM	9.8	8	8	8	5
	3	OK	15	0	-70	80	80	50	4	4	3	5	8	sle0711.crl.isis	AU_PPM	80	AU_PPM	9.8	8	8	8	4
	4	OK	15	0	-70	80	80	50	4	4	3	3	8	sle0711.crl.isis	AU_PPM	80	AU_PPM	9.8	8	8	8	-
16	1	OK	15	0	60	36	36	16	4	4	3	8	12	sle0711.crl.isis	AU_PPM	950	AU_PPM	13.5	8	8	8	5
	2	OK	15	0	60	70	70	50	4	4	3	8	12	sle0711.crl.isis	AU_PPM	950	AU_PPM	13.5	8	8	8	5
	3	OK	15	0	60	100	100	75	4	4	3	5	8	sle0711.crl.isis	AU_PPM	950	AU_PPM	13.5	8	8	8	4
	4	OK	15	0	60	100	100	75	4	4	3	3	8	sle0711.crl.isis	AU_PPM	950	AU_PPM	13.5	8	8	8	-
17	1	OK	10	0	50	50	50	20	4	4	3	8	12	sle0711.crl.isis	AU_PPM	52	AU_PPM	17.3	4	4	4	5
	2	OK	10	0	50	70	60	45	4	4	3	8	12	sle0711.crl.isis	AU_PPM	52	AU_PPM	17.3	4	4	4	5
	3	OK	10	0	50	100	90	60	4	4	3	5	8	sle0711.crl.isis	AU_PPM	52	AU_PPM	17.3	4	4	4	4
	4	OK	10	0	50	100	90	60	4	4	3	3	8	sle0711.crl.isis	AU_PPM	52	AU_PPM	17.3	4	4	4	-
22	1	OK	60	45	40	28	24	15	4	4	3	8	12	sle0711.crl.isis	AU_PPM	2	AU_PPM	1.5	4	4	4	5
	2	OK	60	45	40	50	50	50	4	4	3	8	12	sle0711.crl.isis	AU_PPM	2	AU_PPM	1.5	4	4	4	5
	3	OK	60	45	40	75	75	75	4	4	3	5	8	sle0711.crl.isis	AU_PPM	2	AU_PPM	1.5	4	4	4	4
	4	OK	60	45	40	75	75	75	4	4	3	3	8	sle0711.crl.isis	AU_PPM	2	AU_PPM	1.5	4	4	4	-
23	1	OK	165	-5	45	15	50	15	4	4	3	8	12	sle0711.crl.isis	AU_PPM	3.1	AU_PPM	2.73	6	6	6	5
	2	OK	165	-5	45	40	100	60	4	4	3	8	12	sle0711.crl.isis	AU_PPM	3.1	AU_PPM	2.73	6	6	6	5
	3	OK	165	-5	45	60	130	80	4	4	3	5	8	sle0711.crl.isis	AU_PPM	3.1	AU_PPM	2.73	6	6	6	4
	4	OK	165	-5	45	60	130	80	4	4	3	3	8	sle0711.crl.isis	AU_PPM	3.1	AU_PPM	2.73	6	6	6	-
24	1	OK	20	0	0	30	55	18	4	4	3	8	12	sle0711.crl.isis	AU_PPM	7	AU_PPM	3.6	6	6	6	5
	2	OK	20	0	0	60	90	35	4	4	3	8	12	sle0711.crl.isis	AU_PPM	7	AU_PPM	3.6	6	6	6	5
	3	OK	20	0	0	75	120	50	4	4	3	5	8	sle0711.crl.isis	AU_PPM	7	AU_PPM	3.6	6	6	6	4
	4	OK	20	0	0	75	120	50	4	4	3	3	8	sle0711.crl.isis	AU_PPM	7	AU_PPM	3.6	6	6	6	-
26	1	OK	10	0	80	24	24	12	4	4	3	8	12	sle0711.crl.isis	AU_PPM	40	AU_PPM	7.5	10	10	10	5
	2	OK	10	0	80	50	50	22	4	4	3	8	12	sle0711.crl.isis	AU_PPM	40	AU_PPM	7.5	10	10	10	5
	3	OK	10	0	80	75	75	35	4	4	3	5	8	sle0711.crl.isis	AU_PPM	40	AU_PPM	7.5	10	10	10	4
	4	OK	10	0	80	75	75	35	4	4	3	3	8	sle0711.crl.isis	AU_PPM	40	AU_PPM	7.5	10	10	10	-
27	1	OK	170	0	-90	30	30	20	4	4	3	8	12	sle0711.crl.isis	AU_PPM	16	AU_PPM	4.4	10	10	10	5
	2	OK	170	0	-90	90	70	35	4	4	3	8	12	sle0711.crl.isis	AU_PPM	16	AU_PPM	4.4	10	10	10	5
	3	OK	170	0	-90	120	90	50	4	4	3	5	8	sle0711.crl.isis	AU_PPM	16	AU_PPM	4.4	10	10	10	4
	4	OK	170	0	-90	120	90	50	4	4	3	3	8	sle0711.crl.isis	AU_PPM	16	AU_PPM	4.4	10	10	10	-
32	1	OK	0	0	45	15	20	17	4	4	3	8	12	sle0711.crl.isis	AU_PPM	1.8	AU_PPM	1.57	8	8	8	5
	2	OK	0	0	45	22	40	35	4	4	3	8	12	sle0711.crl.isis	AU_PPM	1.8	AU_PPM	1.57	8	8	8	5
	3	OK	0	0	45	35	65	50	4	4	3	5	8	sle0711.crl.isis	AU_PPM	1.8	AU_PPM	1.57	8	8	8	4
	4	OK	0	0	45	35	65	50	4	4	3	3	8	sle0711.crl.isis	AU_PPM	1.8	AU_PPM	1.57	8	8	8	-
33	1	OK	0	0	-60	50	50	20	4	4	3	8	12	sle0711.crl.isis	AU_PPM	28	AU_PPM	9.5	6	6	6	5
	2	OK	0	0	-60	80	80	50	4	4	3	8	12	sle0711.crl.isis	AU_PPM	28	AU_PPM	9.5	6	6	6	5
	3	OK	0	0	-60	100	100	75	4	4	3	5	8	sle0711.crl.isis	AU_PPM	28	AU_PPM	9.5	6	6	6	4
	4	OK	0	0	-60	100	100	75	4	4	3	3	8	sle0711.crl.isis	AU_PPM	28	AU_PPM	9.5	6	6	6	-
34	1	OK	135	90	90	50	42	30	4	4	3	8	12	sle0711.crl.isis	AU_PPM	2.5	AU_PPM	2.5	5	5	5	5
	2	OK	135	90	90	80	60	50	4	4	3	8	12	sle0711.crl.isis	AU_PPM	2.5	AU_PPM	2.5	5	5	5	5
	3	OK	135	90	90	100	80	65	4	4	3	5	8	sle0711.crl.isis	AU_PPM	2.5	AU_PPM	2.5	5	5	5	4
	4	OK	135	90	90	100	80	65	4	4	3	3	8	sle0711.crl.isis	AU_PPM	2.5	AU_PPM	2.5	5	5	5	-
36	1	OK	20	0	90	75	40	40	4	4	3	8	12	sle0711.crl.isis	AU_PPM	30	AU_PPM	6.7	8	8	8	5
	2	OK	20	0	90	120	80	80	4	4	3	8	12	sle0711.crl.isis	AU_PPM	30	AU_PPM	6.7	8	8	8	5
	3	OK	20	0	90	150	100	100	4	4	3	5	8	sle0711.crl.isis	AU_PPM	30	AU_PPM	6.7	8	8	8	4
	4	OK	20	0	90	150	100	100	4	4	3	3	8	sle0711.crl.isis	AU_PPM	30	AU_PPM	6.7	8	8	8	-
37	1	OK	90	0	90	30	36	30	4	4	3	8	12	sle0711.crl.isis	AU_PPM	16	AU_PPM	8.2	5	5	5	7
	2	OK	90	0	90	50	60	50	4	4	3	8	12	sle0711.crl.isis	AU_PPM	16	AU_PPM	8.2	5	5	5	10
	3	OK	90	0	90	75	90	75	4	4	3	5	8	sle0711.crl.isis	AU_PPM	16	AU_PPM	8.2	5	5	5	4
	4	OK	90	0	90	75	90	75	4	4	3	3	8	sle0711.crl.isis	AU_PPM	16	AU_PPM	8.2	5	5	5	-

Table 14-14: Ag Estimation Plan

EU_Ag	Pass	Type	Search angles			Search Distance			Discretization			Samples x Est.		Database	Grade	Capping	Restringed Ratios for Threshold High yield					Max_samp_DH
			Bearing	Plunge	Dip	Major	Semi	Minor				min	max				Grade		Mayor	Semi	minor	
12	1	ID^2	0	0	0	20	20	20	4	4	3	8	12	sle0711.crl.isis	AG_PPM	5.3	AG_PPM	5.3	5	5	5	5
	2	ID^2	0	0	0	40	40	40	4	4	3	8	12	sle0711.crl.isis	AG_PPM	5.3	AG_PPM	5.3	5	5	5	5
	3	ID^2	0	0	0	40	40	40	4	4	3	3	8	sle0711.crl.isis	AG_PPM	5.3	AG_PPM	5.3	5	5	5	-
13	1	ID^2	0	0	0	20	20	20	4	4	3	8	12	sle0711.crl.isis	AG_PPM	83	AG_PPM	83	5	5	5	5
	2	ID^2	0	0	0	40	40	40	4	4	3	8	12	sle0711.crl.isis	AG_PPM	83	AG_PPM	83	5	5	5	5
	3	ID^2	0	0	0	40	40	40	4	4	3	3	8	sle0711.crl.isis	AG_PPM	83	AG_PPM	83	5	5	5	-
14	1	OK	25	0	-65	70	50	30	4	4	3	8	12	sle0711.crl.isis	AG_PPM	340	AG_PPM	80	20	20	20	5
	2	OK	25	0	-65	100	80	60	4	4	3	8	12	sle0711.crl.isis	AG_PPM	340	AG_PPM	80	20	20	20	5
	3	OK	25	0	-65	200	160	120	4	4	3	5	8	sle0711.crl.isis	AG_PPM	340	AG_PPM	80	20	20	20	5
	4	OK	25	0	-65	200	160	120	4	4	3	3	8	sle0711.crl.isis	AG_PPM	340	AG_PPM	80	20	20	20	-
16	1	OK	35	20	75	70	70	40	4	4	3	8	12	sle0711.crl.isis	AG_PPM	980	AG_PPM	155	7	7	7	5
	2	OK	35	20	75	110	110	60	4	4	3	8	12	sle0711.crl.isis	AG_PPM	980	AG_PPM	155	7	7	7	5
	3	OK	35	20	75	200	200	100	4	4	3	5	12	sle0711.crl.isis	AG_PPM	980	AG_PPM	155	7	7	7	4
	4	OK	35	20	75	200	200	100	4	4	3	3	8	sle0711.crl.isis	AG_PPM	980	AG_PPM	155	7	7	7	-
17	1	OK	15	10	75	45	45	45	4	4	3	8	12	sle0711.crl.isis	AG_PPM	320	AG_PPM	240	5	5	5	5
	2	OK	15	10	75	80	80	80	4	4	3	8	12	sle0711.crl.isis	AG_PPM	320	AG_PPM	240	5	5	5	5
	3	OK	15	10	75	150	150	150	4	4	3	5	8	sle0711.crl.isis	AG_PPM	320	AG_PPM	240	5	5	5	4
	4	OK	15	10	75	150	150	150	4	4	3	3	8	sle0711.crl.isis	AG_PPM	320	AG_PPM	240	5	5	5	-
22	1	OK	65	0	0	10	30	15	4	4	3	8	12	sle0711.crl.isis	AG_PPM	90	AG_PPM	40	5	5	5	5
	2	OK	65	0	0	20	80	40	4	4	3	8	12	sle0711.crl.isis	AG_PPM	90	AG_PPM	40	5	5	5	5
	3	OK	65	0	0	50	100	60	4	4	3	5	8	sle0711.crl.isis	AG_PPM	90	AG_PPM	40	5	5	5	4
	4	OK	65	0	0	50	100	60	4	4	3	3	8	sle0711.crl.isis	AG_PPM	90	AG_PPM	40	5	5	5	-
23	1	OK	15	0	90	30	30	15	4	4	3	8	12	sle0711.crl.isis	AG_PPM	117	AG_PPM	58	5	5	5	5
	2	OK	15	0	90	60	60	60	4	4	3	8	12	sle0711.crl.isis	AG_PPM	117	AG_PPM	58	5	5	5	5
	3	OK	15	0	90	120	120	120	4	4	3	5	8	sle0711.crl.isis	AG_PPM	117	AG_PPM	58	5	5	5	4
	4	OK	15	0	90	120	120	120	4	4	3	3	8	sle0711.crl.isis	AG_PPM	117	AG_PPM	58	5	5	5	-
24	1	OK	15	15	-75	10	15	5	4	4	3	8	12	sle0711.crl.isis	AG_PPM	293	AG_PPM	135	15	15	15	5
	2	OK	15	15	-75	50	50	20	4	4	3	8	12	sle0711.crl.isis	AG_PPM	293	AG_PPM	135	15	15	15	5
	3	OK	15	15	-75	100	100	40	4	4	3	5	8	sle0711.crl.isis	AG_PPM	293	AG_PPM	135	15	15	15	4
	4	OK	15	15	-75	100	100	40	4	4	3	3	8	sle0711.crl.isis	AG_PPM	293	AG_PPM	135	15	15	15	-
26	1	OK	70	-15	55	20	30	10	4	4	3	8	12	sle0711.crl.isis	AG_PPM	380	AG_PPM	154	10	10	10	5
	2	OK	70	-15	55	70	70	40	4	4	3	8	12	sle0711.crl.isis	AG_PPM	380	AG_PPM	154	10	10	10	5
	3	OK	70	-15	55	140	140	80	4	4	3	5	8	sle0711.crl.isis	AG_PPM	380	AG_PPM	154	10	10	10	4
	4	OK	70	-15	55	140	140	80	4	4	3	3	8	sle0711.crl.isis	AG_PPM	380	AG_PPM	154	10	10	10	-
27	1	OK	125	0	65	10	5	5	4	4	3	8	12	sle0711.crl.isis	AG_PPM	380	AG_PPM	135	10	10	10	5
	2	OK	125	0	65	30	30	30	4	4	3	8	12	sle0711.crl.isis	AG_PPM	380	AG_PPM	135	10	10	10	5
	3	OK	125	0	65	60	60	60	4	4	3	5	8	sle0711.crl.isis	AG_PPM	380	AG_PPM	135	10	10	10	4
	4	OK	125	0	65	60	60	60	4	4	3	3	8	sle0711.crl.isis	AG_PPM	380	AG_PPM	135	10	10	10	-
32	1	OK	110	0	-55	30	10	10	4	4	3	8	12	sle0711.crl.isis	AG_PPM	100	AG_PPM	75	8	8	8	5
	2	OK	110	0	-55	60	20	20	4	4	3	8	12	sle0711.crl.isis	AG_PPM	100	AG_PPM	75	8	8	8	5
	3	OK	110	0	-55	100	50	50	4	4	3	5	8	sle0711.crl.isis	AG_PPM	100	AG_PPM	75	8	8	8	4
	4	OK	110	0	-55	100	50	50	4	4	3	3	8	sle0711.crl.isis	AG_PPM	100	AG_PPM	75	8	8	8	-
33	1	OK	0	0	70	20	40	10	4	4	3	8	12	sle0711.crl.isis	AG_PPM	500	AG_PPM	180	8	8	8	5
	2	OK	0	0	70	50	60	20	4	4	3	8	12	sle0711.crl.isis	AG_PPM	500	AG_PPM	180	8	8	8	5
	3	OK	0	0	70	100	120	50	4	4	3	5	8	sle0711.crl.isis	AG_PPM	500	AG_PPM	180	8	8	8	4
	4	OK	0	0	70	100	120	50	4	4	3	3	8	sle0711.crl.isis	AG_PPM	500	AG_PPM	180	8	8	8	-
34	1	ID^2	0	0	0	20	20	20	4	4	3	8	12	sle0711.crl.isis	AG_PPM	18	AG_PPM	70	5	5	5	5
	2	ID^2	0	0	0	40	40	40	4	4	3	8	12	sle0711.crl.isis	AG_PPM	18	AG_PPM	70	5	5	5	5
	3	ID^2	0	0	0	40	40	40	4	4	3	3	8	sle0711.crl.isis	AG_PPM	18	AG_PPM	70	5	5	5	-
36	1	OK	20	15	90	30	30	10	4	4	3	8	12	sle0711.crl.isis	AG_PPM	440	AG_PPM	175	5	5	5	5
	2	OK	20	15	90	60	60	20	4	4	3	8	12	sle0711.crl.isis	AG_PPM	440	AG_PPM	175	5	5	5	5
	3	OK	20	15	90	100	100	40	4	4	3	5	8	sle0711.crl.isis	AG_PPM	440	AG_PPM	175	5	5	5	4
	4	OK	20	15	90	100	100	40	4	4	3	3	8	sle0711.crl.isis	AG_PPM	440	AG_PPM	175	5	5	5	-
37	1	OK	170	0	0	35	20	20	4	4	3	8	12	sle0711.crl.isis	AG_PPM	130	AG_PPM	70	5	5	5	5
	2	OK	170	0	0	70	40	40	4	4	3	8	12	sle0711.crl.isis	AG_PPM	130	AG_PPM	70	5	5	5	5
	3	OK	170	0	0	120	70	70	4	4	3	5	8	sle0711.crl.isis	AG_PPM	130	AG_PPM	70	5	5	5	4
	4	OK	170	0	0	120	70	70	4	4	3	3	8	sle0711.crl.isis	AG_PPM	130	AG_PPM	70	5	5	5	-

14.5 Au and Ag Validations

In order to validate the estimation, various methods were used such as, real grade vs. estimated grade regression, comparison of database vs. estimated block drift. Comparison of global bias is detailed in the following section of this report.

14.5.1 Conditional Bias Review

The UG's average grade inside the 10x10x10 m blocks are calculated for the block model and composite samples. In order to avoid a prominent conditional bias, the regression graphic slope must be slightly above 1.

Figure 14-70 to Figure 14-83 show the review of the conditional bias. In these graphs, it is seen that the dot clouds are acceptable. However, in the case of very high grades, the situation is difficult to validate because the estimation was performed with a restricted search, which makes it impossible to perform a proper validation.

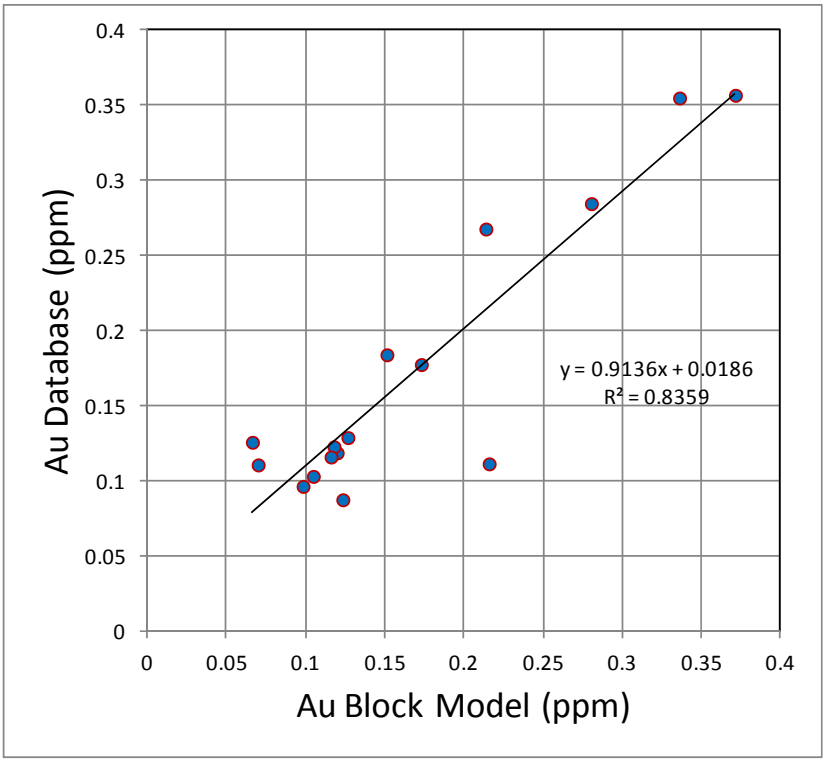

Figure 14-70: EU Au 12 Conditional Bias

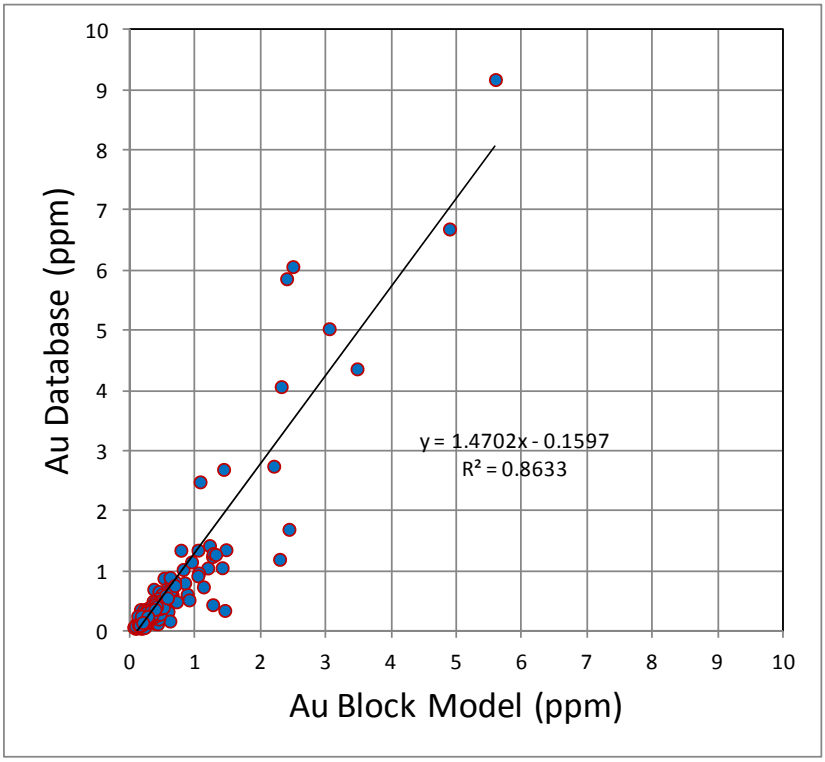

Figure 14-71: EU Au 13 Conditional Bias

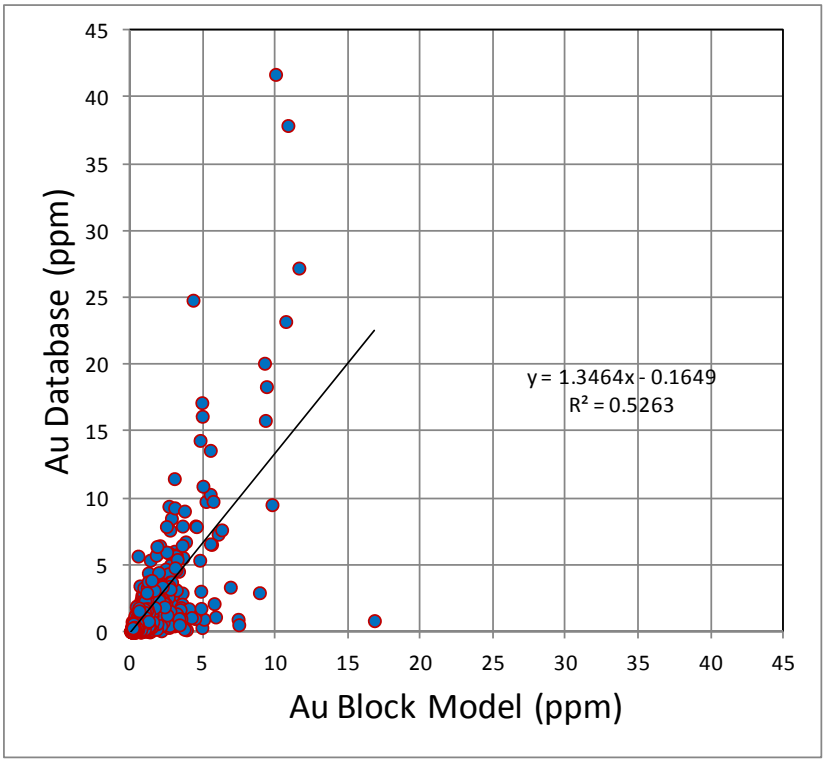

Figure 14-72: EU Au 14 Conditional Bias

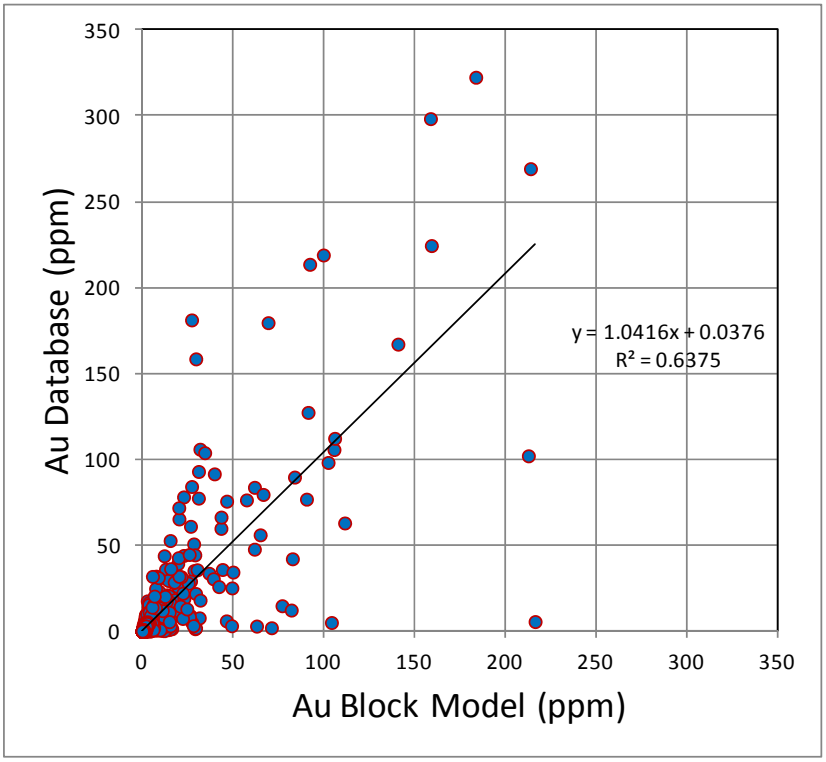

Figure 14-73: EU Au 16 Conditional Bias

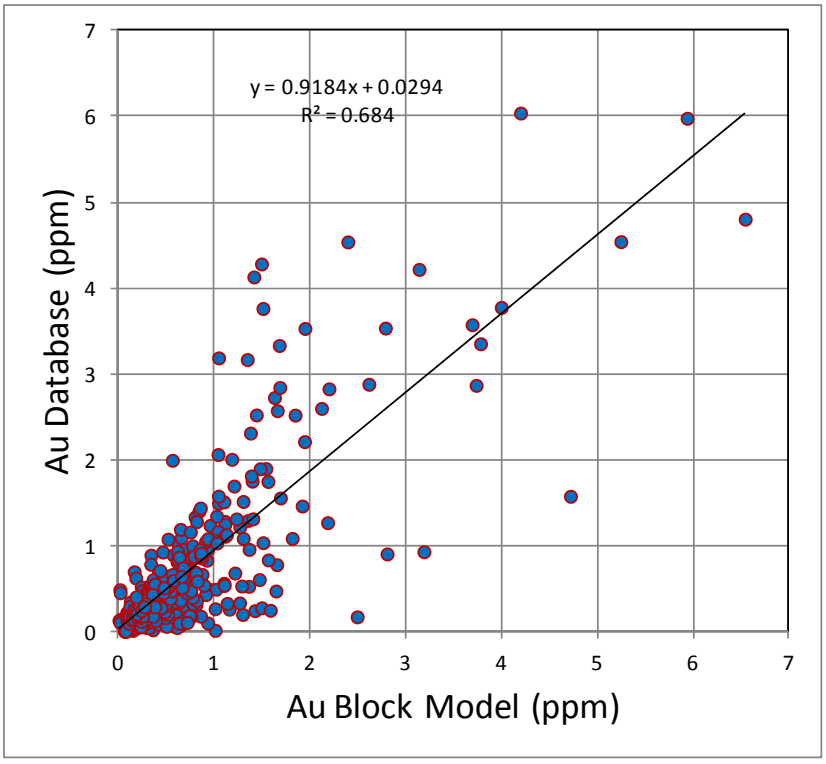

Figure 14-74: EU Au 17 Conditional Bias

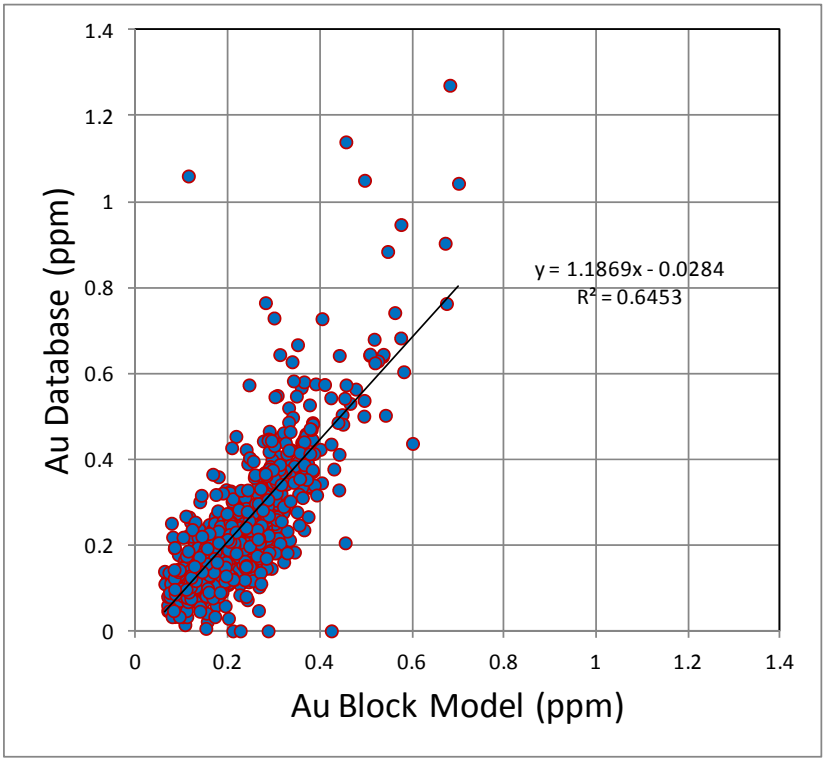

Figure 14-75: EU Au 22 Conditional Bias

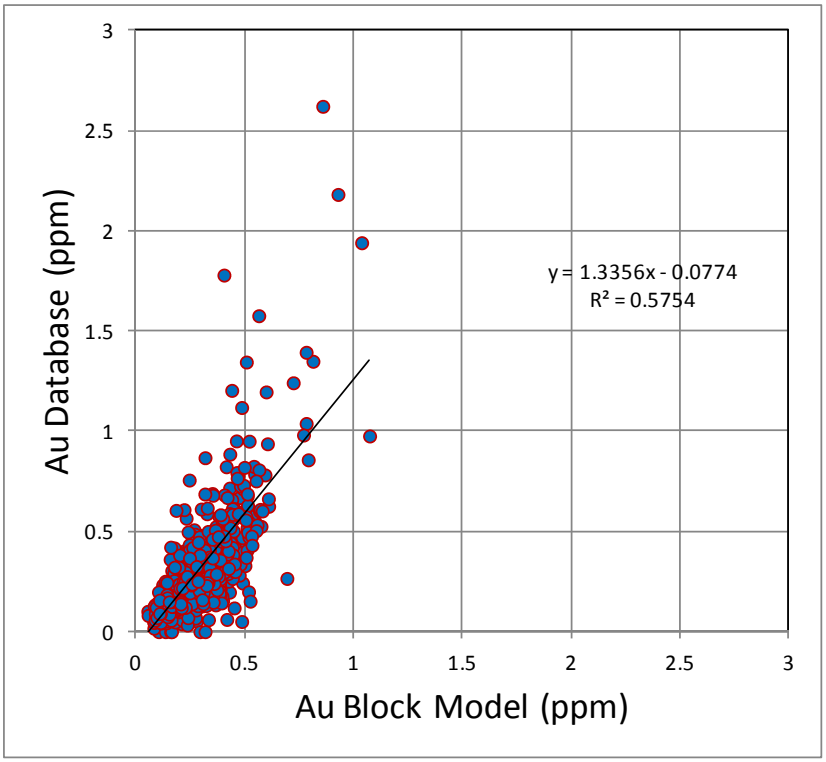

Figure 14-76: EU Au 23 Conditional Bias

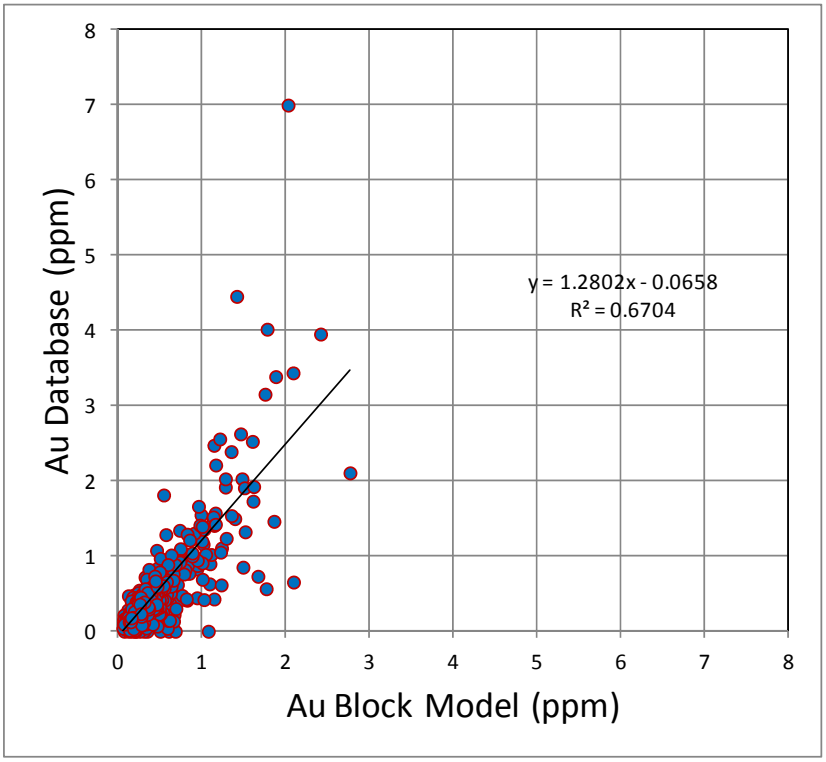

Figure 14-77: EU Au 24 Conditional Bias

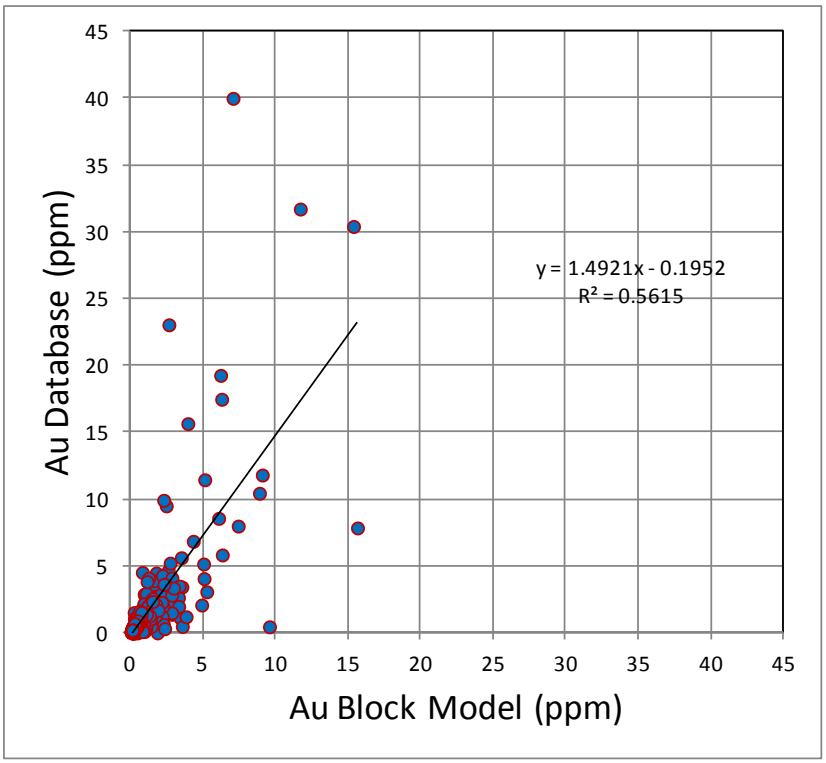

Figure 14-78: EU Au 26 Conditional Bias

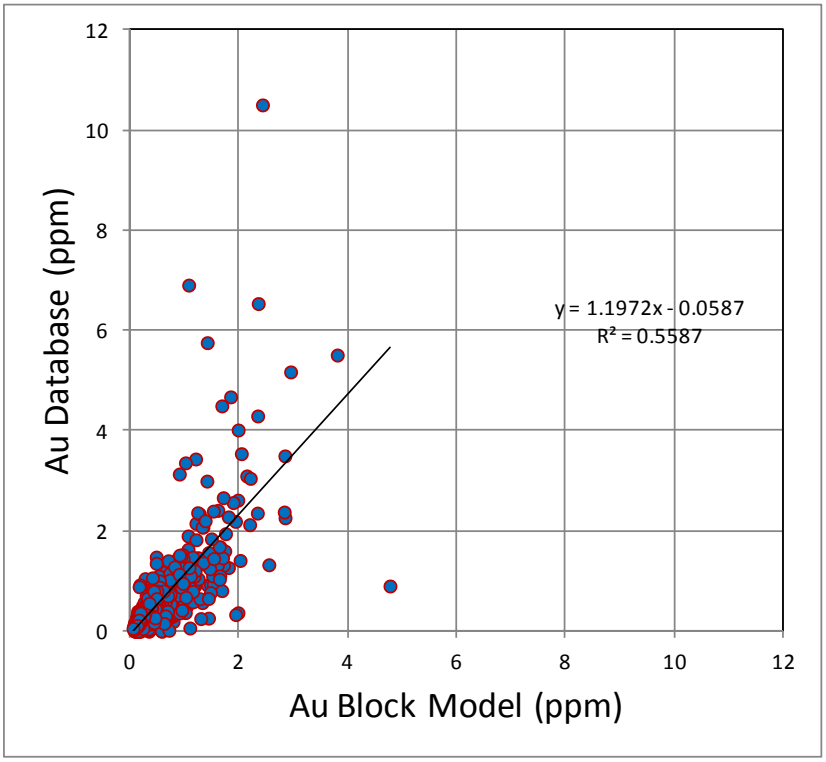

Figure 14-79: EU Au 27 Conditional Bias

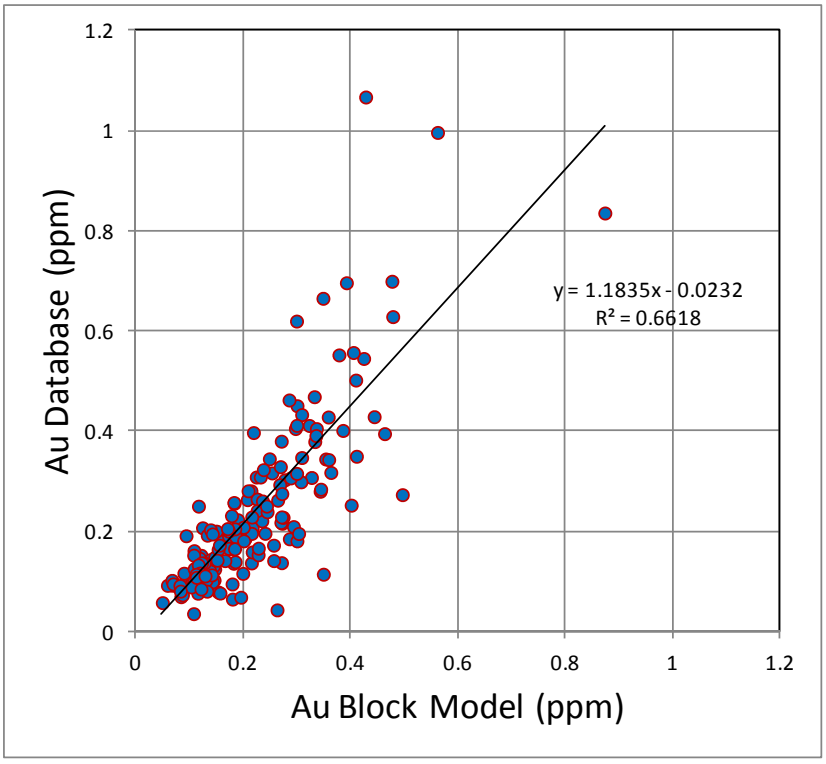

Figure 14-80: Sesgo Condicional EU Au 32

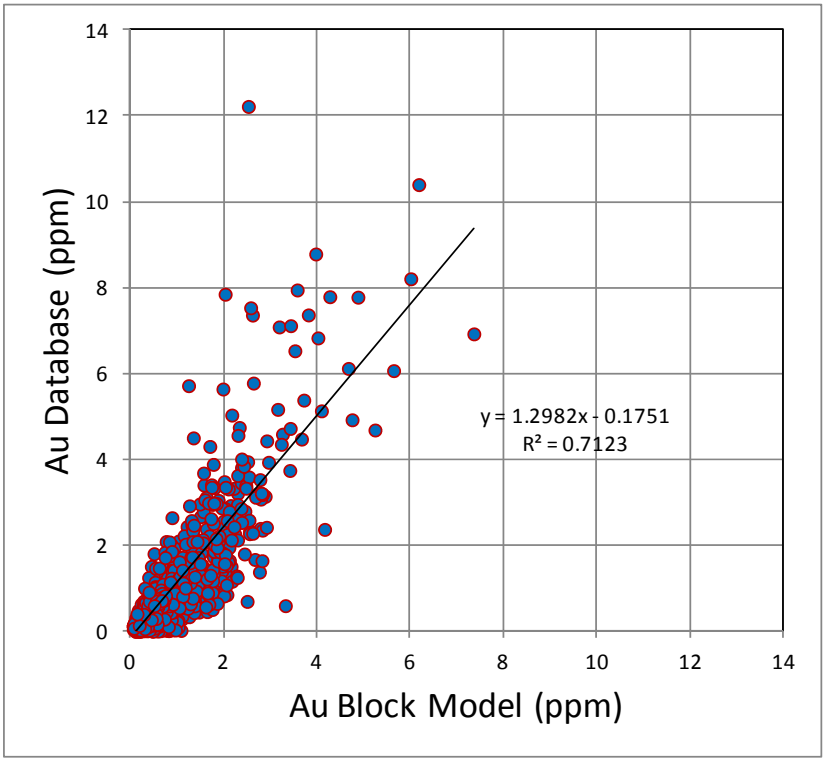

Figure 14-81: EU Au 33 Conditional Bias

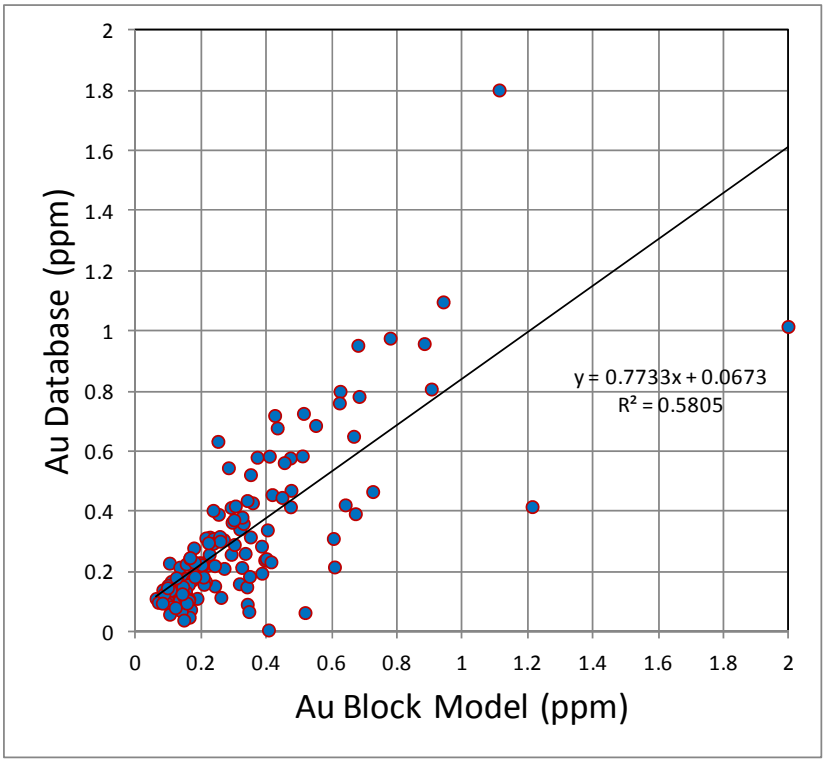

Figure 14-82: EU Au 34 Conditional Bias

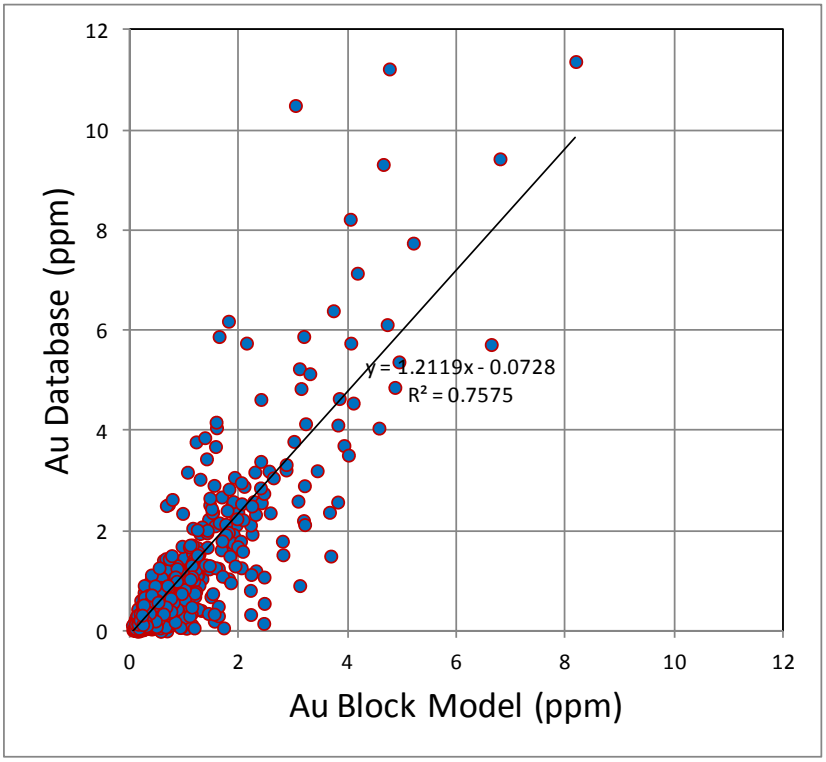

Figure 14-83: EU Au 36 Conditional Bias

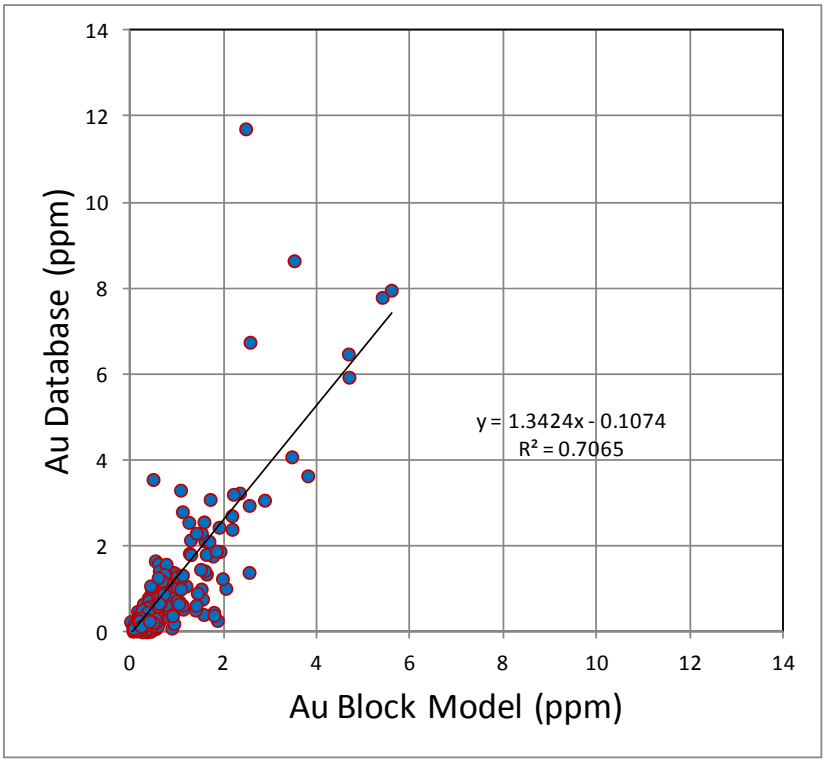

Figure 14-84: EU Au 37 Conditional Bias

14.6 Resource Classification

Gold correlograms were used to classify resources and the following conditions were used:

- In order for blocks to be considered as a measured resource, the average estimation distance must be less than or equal to 28 metres. This data is taken from correlograms where at least 90% of the plateau value is appropriate. Furthermore, the block should be estimated using at least two drillholes.
- In order for blocks to be considered as an indicated resource, the average estimation distance must be less than or equal to 40 metres and greater than 28 metres. This data is taken from correlograms, where at least 100% of the plateau value is appropriate. Furthermore, the block should be estimated using at least two drillholes.
- In order for blocks to be considered as an inferred resource, the block must only be estimated for gold and may not be considered as either measured or indicated resources.

Table 14-15 shows the resource category values set in the block model for characterization.

Table 14-15: Resource Charaterization Values

CATEG	Value
Measured	1
Indicated	2
Infered	3

14.7 Mineral Zone

Indicator kriging was performed in order to differentiate the mineral zones and data from the mineral zones in the data base were used, namely, oxide, mixed and sulphide. After a data analysis, the decision was made to combine oxides and mixed and use the combined term, “oxides”.

Two indicator variograms were created, one for oxides and the other for sulphides. This is shown in the two figures below.

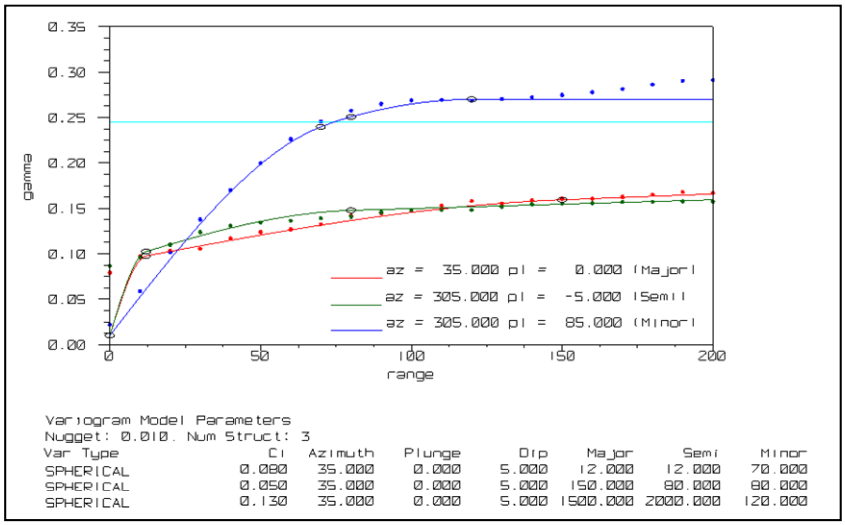

Figure 14-85: Oxide Indicator Variogram

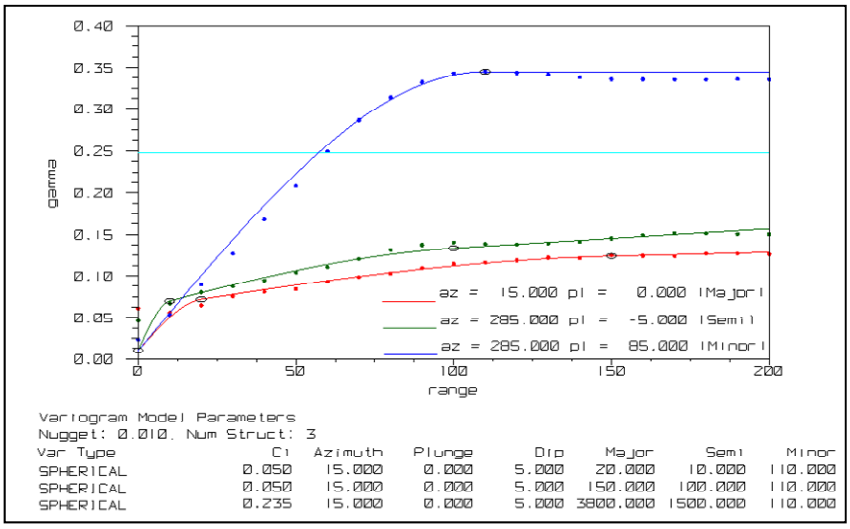

Figure 14-86: Sulphide Indicator Variogram

The main parameters used in indicator kriging are shown in Table 14-16, where two ellipsoids were used for each mineral zone. The calculation resulting from the indicator kriging is the proportion of mineralised material contained in the block and then a code is shown in a master script.

Table 14-16: Mineral Zone Indicator Kriging

Mineral Zone	Pass	Type	Search Angles			Search Distances			Samples		Correction		probability	Database	
			Bearing	Plunge	Dip	Major	Semi	minor	min	max					
Oxide	ox1	IK	35	0	5	120	75	100	1	20	AFFINE	0.878	PROB_OX	sle0711.geo.isis	INDIOX
	ox2	IK	35	0	5	500	300	500	1	8	AFFINE	0.878	PROB_OX	sle0711.geo.isis	INDIOX
Sulphide	su1	IK	15	0	5	120	90	90	1	20	AFFINE	0.905	PROB_SU	sle0711.geo.isis	INDISU
	su2	IK	15	0	5	500	300	300	1	8	AFFINE	0.905	PROB_SU	sle0711.geo.isis	INDISU

14.8 Densities

In order to assign densities, measured grades grouped by common geological parametres were used, starting with a default value of 2.4 g/cc. The following is the configuration:

- Lithology 1 = 2.23
- Lithology 2 = 2.62
- Mineral Zone 1 and Lithology 3 = 2.19
- Mineral Zone 3 and Lithology 3 = 2.33
- Mineral Zone 1 and Lithology 4 = 2.31
- Mineral Zone 3 and Lithology 4 = 2.42
- Lithology 6 = 2.32
- Lithology 7 = 2.30
- Lithology 3 without Mineral Zone = 2.30
- Lithology 4 without Mineral Zone = 2.35

14.9 Re-block

As the estimation model contains sub-cells which start from 2.5x2.5x2.5 m, it is necessary to consolidate a final model with cells of the same size in the x and z axes, which in this case belong to cells of 10x10x10 m. Smaller, regular cells produce a model which is too cumbersome and unusable from the software point of view. Re-blocking is required because the block model must be used in order to develop optimizations to find the optimum pits. The final model is called “MB_Sleeper_Categ_10x10x10.bmf” and has the following variables:

- Au: gold grade
- Ag: silver grade
- Sec_au: Au sector
- Sec_ag: Ag sector
- Dom_au: domain for Au
- Dom_ag: domain for Ag
- Ug_au: Au estimation unit
- Ug_ag: Ag estimation unit
- Categ: resource classification
- Topo: air=0, rock=1
- Lito_s: solid litology
- Minz: mineral zone

14.10 Volume

Table 14-17 shows the deposit global volume. Densities indicated in section 14.8 of this report and the sub-cell model were used. All volume calculations were developed with current cartography. Table 14-18 shows the volumes separated by category and Table 14-19 shows the volumes separated by category with a cut-off of 0.2 ppm Au.

The global volume calculations by mineral type shown in Tables 14-17 to 14-20, were calculated based on the blocks that contain gold values. Since some blocks do not contain values for silver, because of lack of data, and all the blocks must be used in the pit optimization run, it was decided to use a value of "0" in those blocks where no silver values are present in order to be able to make the necessary calculations.

Table 14-17: Global Volume per EU

UG_AU	Au	Ag	TOTAL_MASS
12	0.177	0.112	4,689,063
13	0.365	0.857	5,361,902
14	0.328	2.255	98,291,751
16	0.318	1.688	99,143,410
17	0.314	1.653	26,719,159
22	0.220	3.996	73,095,347
23	0.266	4.480	23,465,622
24	0.268	3.296	44,285,620
26	0.323	5.959	25,768,930
27	0.261	4.372	31,900,817
32	0.217	6.436	17,365,810
33	0.563	2.599	25,110,952
34	0.266	1.057	7,841,747
36	0.318	3.158	22,025,606
37	0.273	2.087	41,288,252
100	2.028	0	151,675

Table 14-18: Global Volume per EU by Category

UG_AU	Measured			Indicated			Measured+Indicated			Inferred			Total		
	Au	Ag	TOTAL_MASS	Au	Ag	TOTAL_MASS	Au	Ag	TOTAL_MASS	Au	Ag	TOTAL_MASS	Au	Ag	TOTAL_MASS
12									-	0.177	0.112	4,689,063	0.177	0.112	4,689,063
13	0.333	1.090	3,202,306	0.349	0.742	1,165,566	0.337	0.997	4,367,872	0.485	0.243	994,030	0.365	0.857	5,361,902
14	0.343	2.656	53,425,668	0.267	1.904	22,857,110	0.320	2.431	76,282,778	0.352	1.643	22,008,973	0.328	2.255	98,291,751
16	0.368	2.093	48,621,277	0.284	1.209	18,932,311	0.345	1.845	67,553,587	0.263	1.351	31,589,823	0.318	1.688	99,143,410
17	0.377	3.599	3,535,810	0.384	2.500	3,446,702	0.380	3.056	6,982,512	0.291	1.156	19,736,647	0.314	1.653	26,719,159
22	0.223	4.199	19,281,936	0.209	4.383	17,926,679	0.216	4.287	37,208,615	0.225	3.693	35,886,732	0.220	3.996	73,095,347
23	0.272	4.647	13,623,604	0.262	4.280	7,317,070	0.268	4.519	20,940,675	0.244	4.161	2,524,947	0.266	4.480	23,465,622
24	0.280	4.354	11,417,544	0.256	3.268	10,396,795	0.268	3.836	21,814,340	0.268	2.772	22,471,280	0.268	3.296	44,285,620
26	0.333	6.241	15,282,778	0.312	6.120	6,347,726	0.327	6.206	21,630,504	0.305	4.670	4,138,427	0.323	5.959	25,768,930
27	0.298	5.318	15,988,381	0.246	3.528	6,902,247	0.282	4.778	22,890,628	0.207	3.341	9,010,189	0.261	4.372	31,900,817
32	0.236	5.382	2,191,630	0.212	5.794	2,608,660	0.223	5.606	4,800,290	0.214	6.754	12,565,520	0.217	6.436	17,365,810
33	0.654	3.357	15,574,453	0.451	1.690	5,557,867	0.601	2.919	21,132,320	0.361	0.904	3,978,632	0.563	2.599	25,110,952
34	0.311	1.629	1,657,375	0.290	0.849	1,548,652	0.300	1.252	3,206,027	0.241	0.923	4,635,720	0.266	1.057	7,841,747
36	0.326	3.199	12,754,037	0.308	3.990	5,327,975	0.320	3.432	18,082,012	0.305	1.900	3,943,594	0.318	3.158	22,025,606
37	0.440	1.883	6,613,942	0.253	1.890	2,343,556	0.391	1.885	8,957,498	0.240	2.143	32,330,753	0.273	2.087	41,288,252
100										2.030		151,675	2.030		151,675
Total	0.349	3.380	223,170,741	0.275	2.968	112,678,917	0.324	3.242	335,849,658	0.263	2.500	210,656,005	0.301	2.956	546,505,663

Table 14-19: Oxide Global Volume per EU with 0.2 ppm Au Cut-off by Category

UG_AU	Measured			Indicated			Measured+Indicated			Inferred			Total		
	Au	Ag	TOTAL_MASS	Au	Ag	TOTAL_MASS	Au	Ag	TOTAL_MASS	Au	Ag	TOTAL_MASS	Au	Ag	TOTAL_MASS
12									-						-
13	0.400	1.378	1,130,280	0.341	0.878	217,631	0.390	1.298	1,347,911	0.484	0.302	261,021	0.405	1.136	1,608,931
14	0.413	2.711	2,424,966	0.374	1.746	278,135	0.409	2.611	2,703,102	0.256	0.387	308,801	0.393	2.383	3,011,903
16	0.414	1.712	9,257,734	0.358	1.102	1,975,281	0.404	1.605	11,233,015	0.332	0.840	1,466,022	0.396	1.516	12,699,037
17	0.546	2.474	150,294	0.349	2.565	70,394	0.484	2.503	220,688	0.452	0.548	554,498	0.461	1.104	775,186
22	0.283	4.166	3,262,825	0.270	4.588	2,239,848	0.278	4.338	5,502,673	0.289	3.262	2,966,843	0.282	3.961	8,469,516
23	0.329	6.049	2,632,517	0.312	5.747	1,088,567	0.324	5.960	3,721,084	0.358	5.227	105,257	0.325	5.940	3,826,341
24	0.309	4.155	1,501,790	0.299	5.009	763,555	0.306	4.443	2,265,346	0.301	4.653	576,411	0.305	4.486	2,841,756
26	0.367	5.735	4,587,573	0.326	5.507	1,233,478	0.358	5.687	5,821,051	0.376	8.856	323,669	0.359	5.854	6,144,720
27	0.324	6.946	2,386,085	0.308	6.605	991,594	0.320	6.846	3,377,679	0.288	4.773	572,347	0.315	6.546	3,950,026
32	0.310	6.769	785,713	0.295	6.571	428,165	0.304	6.699	1,213,879	0.295	8.688	1,701,956	0.299	7.860	2,915,835
33	0.628	2.436	1,325,914	0.465	0.730	350,329	0.594	2.079	1,676,243	0.468	0.178	126,712	0.585	1.946	1,802,955
34	0.323	0.569	139,135	0.270	1.476	252,115	0.289	1.154	391,250	0.254	0.664	869,101	0.265	0.816	1,260,351
36	0.478	1.451	1,869,415	0.460	0.192	778,160	0.472	1.081	2,647,575	0.458	0.074	665,313	0.469	0.879	3,312,888
37	0.554	3.072	506,260	0.320	2.093	162,186	0.497	2.834	668,446	0.318	1.848	2,693,683	0.353	2.044	3,362,129
Total	0.387	6.392	31,960,502	0.328	5.512	10,829,438	0.372	6.242	42,789,940	0.321	3.569	13,191,635	0.360	5.050	55,981,575

The following table shows the Sleeper mineral resources reported at 0.2 ppm Au cut-off.

Table 14-20: Sulphide Global Volume per EU with 0.25 ppm Au Cut-off by Category

UG_AU	Measured			Indicated			Measured+Indicated			Inferred			Total		
	Au	Ag	TOTAL_MASS	Au	Ag	TOTAL_MASS	Au	Ag	TOTAL_MASS	Au	Ag	TOTAL_MASS	Au	Ag	TOTAL_MASS
12									-	0.332		648,286	0.332		648,286
13	0.455	1.343	923,954	0.467	0.774	552,174	0.460	1.130	1,476,128	0.560	0.233	587,196	0.488	0.875	2,063,324
14	0.524	3.469	24,680,506	0.436	2.198	8,386,710	0.502	3.147	33,067,217	0.650	2.035	8,450,668	0.532	2.921	41,517,885
16	0.533	3.244	20,372,797	0.441	1.693	6,642,579	0.511	2.863	27,015,376	0.432	1.348	10,592,250	0.488	2.436	37,607,626
17	0.607	5.244	1,550,628	0.565	2.904	1,821,754	0.585	3.980	3,372,382	0.476	1.886	7,628,421	0.509	2.528	11,000,803
22	0.343	5.666	4,283,700	0.335	5.931	3,642,537	0.339	5.788	7,926,237	0.349	4.504	10,229,831	0.345	5.065	18,156,068
23	0.379	5.350	4,419,282	0.354	4.372	2,500,272	0.370	4.996	6,919,554	0.334	4.191	781,169	0.367	4.915	7,700,723
24	0.483	5.676	3,462,367	0.438	3.127	3,093,228	0.461	4.473	6,555,595	0.435	2.589	8,356,532	0.447	3.417	14,912,127
26	0.472	9.126	5,260,271	0.417	7.511	2,787,397	0.453	8.567	8,047,668	0.440	5.007	1,876,202	0.450	7.894	9,923,871
27	0.451	6.365	5,832,553	0.395	3.447	1,790,153	0.438	5.679	7,622,706	0.490	5.003	1,365,951	0.446	5.577	8,988,657
32	0.365	3.085	318,551	0.342	4.656	540,784	0.350	4.074	859,336	0.344	8.017	2,633,919	0.345	7.047	3,493,254
33	0.783	3.933	11,263,145	0.551	1.998	3,776,212	0.725	3.447	15,039,357	0.447	1.145	2,526,301	0.685	3.116	17,565,658
34	0.478	3.327	711,249	0.440	1.163	591,690	0.461	2.345	1,302,939	0.438	0.988	1,082,345	0.450	1.729	2,385,284
36	0.464	5.261	4,887,725	0.429	5.987	1,964,008	0.454	5.469	6,851,733	0.433	3.663	1,259,796	0.451	5.188	8,111,530
37	0.695	1.900	3,107,901	0.414	1.433	809,384	0.637	1.803	3,917,285	0.387	1.552	10,391,989	0.455	1.621	14,309,274
Total	0.536	5.525	91,074,631	0.435	4.338	38,898,882	0.506	5.233	129,973,513	0.443	4.144	68,410,857	0.484	5.024	198,384,370

The following tables show the sensitivity of the oxide and sulphide resources to the Au cut-off grade.

Table 14-21: Oxide Measured and Indicated mineral resources at Sleeper by Au cut-off.

Cut-off	Measured					Indicated					M&I				
Au g/T	Tonnes	Au g/T	Ag g/T	Au Oz	Ag Oz	Tonnes	Au g/T	Ag g/T	Au Oz	Ag Oz	Tonnes	Au g/T	Ag g/T	Au Oz	Ag Oz
0.1	51,140,096	0.3	3.69	493,265	6,067,162	21,251,557	0.242	3.69	165,350	2,521,244	72,391,653	0.28	3.69	658,615	8,588,406
0.2	**31,960,502**	**0.387**	**4.23**	**397,669**	**4,346,620**	**10,829,438**	**0.328**	**4.12**	**114,203**	**1,434,501**	**42,789,940**	**0.37**	**4.20**	**511,872**	**5,781,121**
0.25	23,364,479	0.447	4.5	335,785	3,380,386	6,704,861	0.393	4.4	84,719	948,506	30,069,340	0.43	4.48	420,504	4,328,893
0.3	16,930,538	0.513	4.82	279,245	2,623,708	4,274,272	0.461	4.59	63,352	630,772	21,204,810	0.50	4.77	342,597	3,254,480
0.4	9,427,511	0.648	5.22	196,413	1,582,214	1,884,221	0.61	4.89	36,954	296,236	11,311,732	0.64	5.17	233,367	1,878,451

Table 14-22: Oxide Inferred mineral resources at Sleeper by Au cut-off.

Cut-off Au g/T	Inferred				
	Tonnes	Au g/T	Ag g/T	Au Oz	Ag Oz
0.1	29,635,200	0.225	3.18	214,382	3,029,931
0.2	**13,191,635**	**0.321**	**3.42**	**136,145**	**1,450,516**
0.25	8,053,980	0.384	3.71	99,435	960,688
0.3	4,724,427	0.466	4.06	70,784	616,699
0.4	2,049,919	0.631	3.41	41,588	224,744

Table 14-23: Sulphide Measured and Indicated mineral resources at Sleeper by Au cut-off.

Cut-off Au g/T	Measured					Indicated					M&I				
	Tonnes	Au g/T	Ag g/T	Au Oz	Ag Oz	Tonnes	Au g/T	Ag g/T	Au Oz	Ag Oz	Tonnes	Au g/T	Ag g/T	Au Oz	Ag Oz
0.1	51,140,096	0.3	3.69	493,265	6,067,162	21,251,557	0.242	3.69	165,350	2,521,244	72,391,653	0.28	3.69	658,615	8,588,406
0.2	**31,960,502**	**0.387**	**4.23**	**397,669**	**4,346,620**	**10,829,438**	**0.328**	**4.12**	**114,203**	**1,434,501**	**42,789,940**	**0.37**	**4.20**	**511,872**	**5,781,121**
0.25	23,364,479	0.447	4.5	335,785	3,380,386	6,704,861	0.393	4.4	84,719	948,506	30,069,340	0.43	4.48	420,504	4,328,893
0.3	16,930,538	0.513	4.82	279,245	2,623,708	4,274,272	0.461	4.59	63,352	630,772	21,204,810	0.50	4.77	342,597	3,254,480
0.4	9,427,511	0.648	5.22	196,413	1,582,214	1,884,221	0.61	4.89	36,954	296,236	11,311,732	0.64	5.17	233,367	1,878,451

Table 14-24: Oxide Inferred mineral resources at Sleeper by Au cut-off.

Cut-off Au g/T	Inferred				
	Tonnes	Au g/T	Ag g/T		
0.2	94,874,313	0.382	3.05	1,165,225	9,303,497
0.25	**68,410,857**	**0.443**	**3.07**	**974,376**	**6,752,446**
0.3	49,260,219	0.509	3.1	806,143	4,909,709
0.4	26,265,629	0.652	2.81	550,596	2,372,968
0.5	15,105,865	0.806	2.75	391,452	1,335,599
0.6	9,467,172	0.962	2.79	292,815	849,224

Table 14-25: Alluvial inferred mineral resources at Sleeper by Au cut-off.

Cut-off Au g/T	Inferred				
	Tonnes	Au g/T	Ag g/T	Au Oz	Ag Oz
0.1	156,140	1.975		9,915	
0	**151,675**	**2**		**9,890**	
0.25	150,281	2.045		9,881	
0.3	148,215	2.07		9,864	
0.4	134,889	2.24		9,715	

Tables 14-26 and 14-28 show the mineral resources grouped by mineral type, oxide and sulphide with the Au cut-off values as shown. In the estimation of the silver, many of the blocks had no silver value, because of lack of data, therefore, the estimation process assumes a default value

Table 14-26: Paramount Sleeper Deposit Oxide Au Mineral Resources as of October 28, 2011

Resource Classification Oxide cut-off 0.2ppm Au	Tonnage	Au Grade	Ag Grade
	(Kilotonnes)	(g/t)	(g/t)
Measured	31,961	0.387	4.23
Indicated	10,829	0.328	4.12
Total Measured and Indicated	42,790	0.372	4.20
Inferred	13,192	0.321	3.42

Table 14-27: Paramount Sleeper Deposit Sulphide Au Mineral Resources as of October 28, 2011

Resource Classification Sulphide cut-off 0.25ppm Au	Tonnage	Au Grade	Ag Grade
	(Kilotonnes)	(g/t)	(g/t)
Measured	91,075	0.536	5.06
Indicated	38,899	0.435	3.79
Total Measured and Indicated	129,974	0.506	4.68
Inferred	68,411	0.443	3.07

Table 14-28: Paramount Sleeper Deposit Alluvium Au Mineral Resources as of October 28, 2011

Resource Classification Alluvial cut-off 0.2ppm Au	Tonnage	Au Grade	Ag Grade
	(Kilotonnes)	(g/t)	(g/t)
Measured	-	-	-
Indicated	-	-	-
Total Measured and Indicated	-	-	-
Inferred	151,675	2.030	-

Classified global mineral resources at Sleeper are shown in the following table.

14.11 Pit Resources

Possibly mineable resources must be calculated in order to report resources, Therefore, a Whittle run was performed in order to report resources inside the pit. Available blocks with Au grades were used (below the current topography) including measured, indicated and inferred resources. Furthermore, assumed economic parameters were included, which are shown in Table 14-20. The model to be used was re-blocked to 10x10x10 m.

Table 14-29: Resource Pit Parameters

Price Au	1,400	US$/oz
Mine Cost	1.6	US$/ton
Alluvial processing cost	5.1	US$/ton
Alluvial processing recovery	85	%
Sulphides processing cost	11.7	US$/ton
Sulphides processing recovery	90	%
Oxides processing cost	6.3	US$/ton
Oxides processing recovery	75	%

A proportional medium-range mine cost and other parameters supplied by Paramount were used.

The results of the Whittle optimisation are shown in Table 14-23, where the pit chosen for the resource report is the number 5.

Table 14-30: Resource Pit Parameters

Pit	Minimum Rev Ftr	Maximum Rev Ftr	Rock Tonnes	Ore Tonnes	Strip Ratio	Max Bench	Min Bench	AU Units	AU Grade
1	0.2	0.2	556,666	251,395	1.21	80	59	655,336	2.607
2	0.4	0.4	5,679,272	2,746,872	1.07	82	58	3,413,775	1.243
3	0.6	0.6	37,777,731	14,714,432	1.57	83	54	12,094,276	0.822
4	0.8	0.8	171,542,871	49,705,465	2.45	86	46	33,302,610	0.670
5	1	1	316,085,293	106,200,325	1.98	87	44	56,030,621	0.528
6	1.2	1.2	513,748,827	179,053,812	1.87	87	36	80,926,930	0.452
7	1.4	1.4	648,144,201	242,747,903	1.67	87	34	98,379,898	0.405
8	1.6	1.6	729,963,229	288,878,320	1.53	87	32	108,921,162	0.377
9	1.8	1.8	819,627,448	334,114,511	1.45	87	32	118,411,300	0.354
10	2	2	965,834,320	378,224,461	1.55	88	30	127,809,980	0.338

Figure 14-87 to Figure 14-91 show the transverse sections with the estimated Au block model resource pit 5 line (green) and current topography (brown).

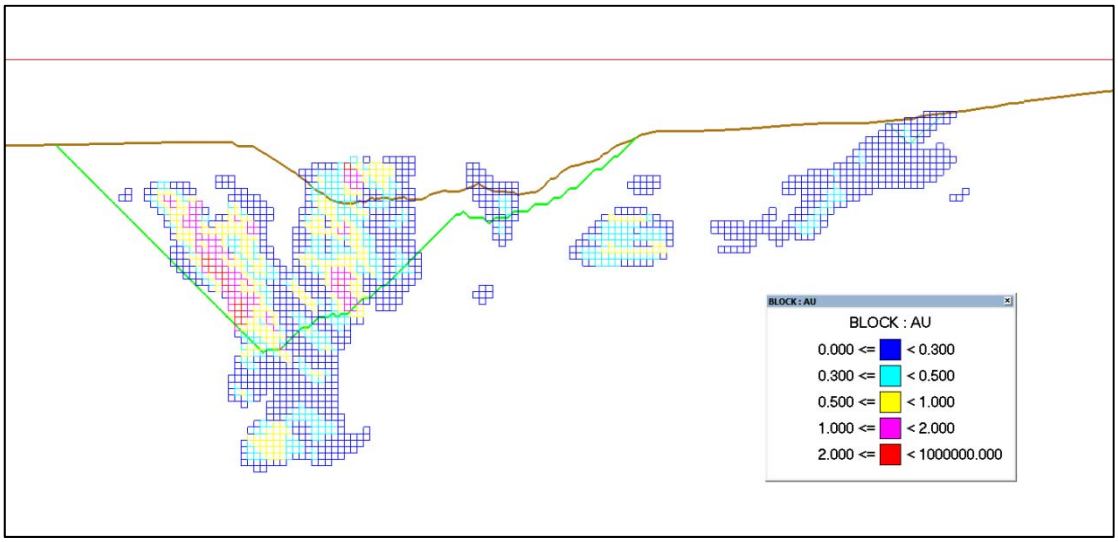

Figure 14-87: 4575520N Section

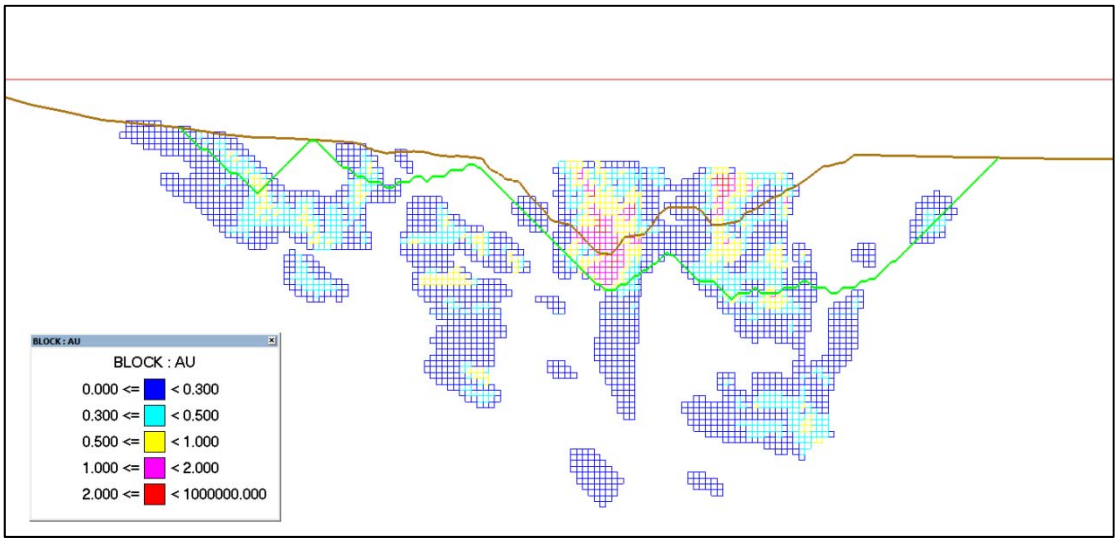

Figure 14-88: 4575640N Section

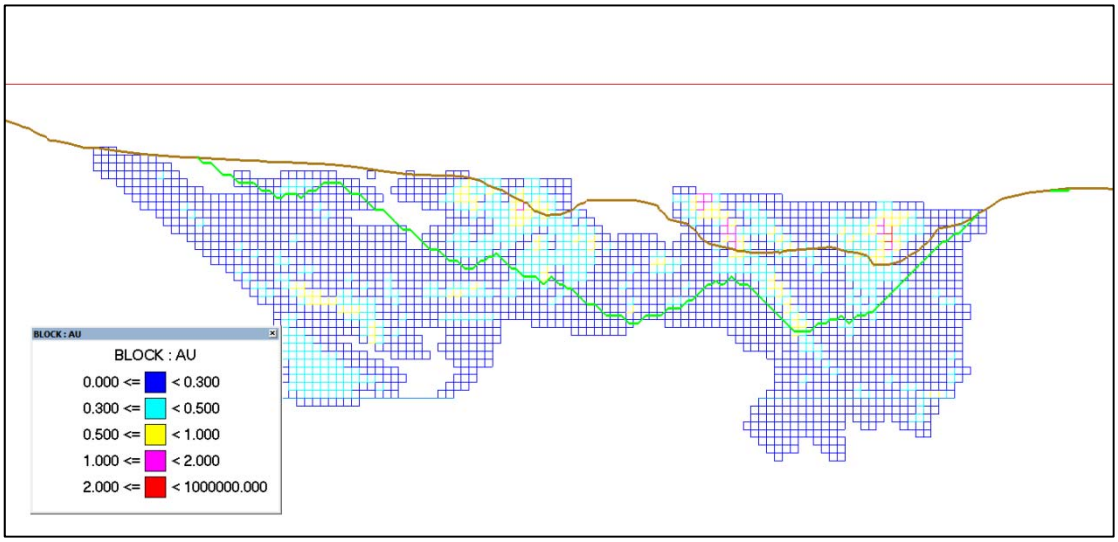

Figure 14-89: 4575890N Section

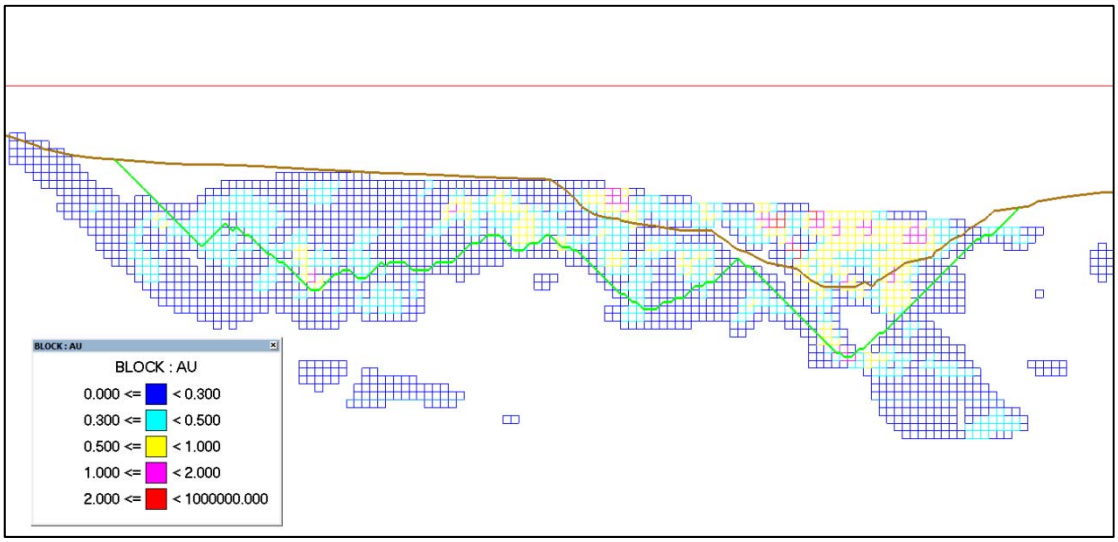

Figure 14-90: 4576150N Section

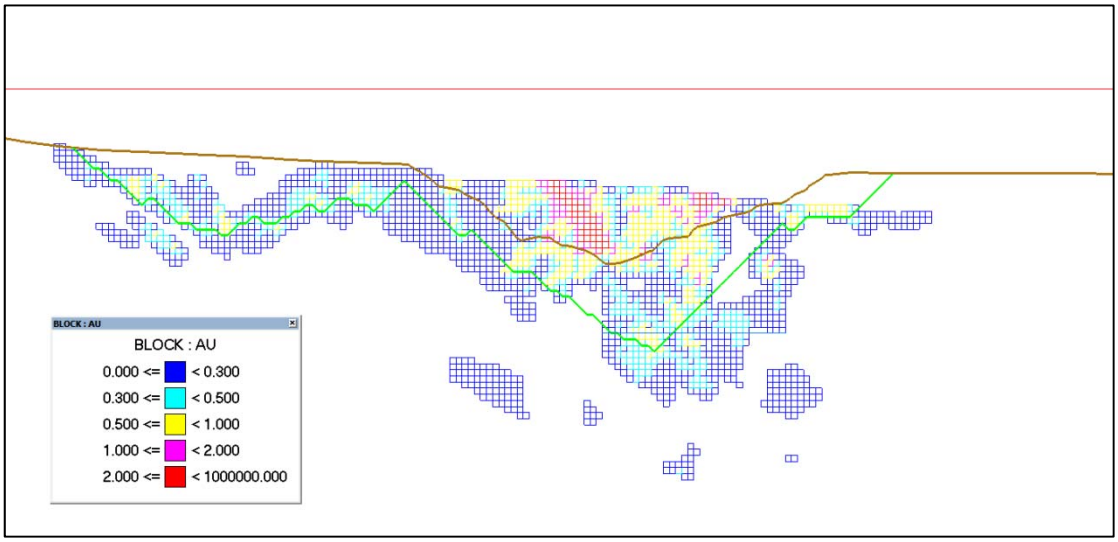

Figure 14-91: 4576315N Section

15 Mineral Reserve Estimates

This section is not applicable because the Sleeper Property is advanced stage exploration project and there are no mineral reserves at this time.

16 Mining Methods

This section is not applicable.

17 Recovery Methods

This section is not applicable.

18 Project Infrastructure

This section is not applicable.

19 Market Studies and Contracts

This section is not applicable.

20 Environmental Studies, Permitting and Social or Community Impact

The Project was explored, developed (mined, milled and heap leached) in the 1980's and 1990's. Reclamation has occurred on the majority of the mine facilities (waste dumps, tailing impounds, heap leach pads and ancillary facilities (access and haul roads) and the open pit has been allowed to refill with water. These reclamation efforts have received awards and recognition from the regulatory agencies and the public. Current activities at the site involve exploration, permit maintenance and reclamation monitoring.

There are no known environmental issues that are adversely impacting air, water or soil resources at the site. Key environmental issues associated with current drilling activities and this NI 43-101 Report are wildlife and archaeology.

While there are no Threatened or Endangered (T&E) species of vegetation or wildlife within the project boundary, there are sensitive species (pygmy rabbit and sage grouse) that may exist and depending upon their location may warrant special mitigation.

There are also known sensitive cultural/archaeological sites within the project area. However, these sites have been effectively avoided during current operations.

Permits

The Project is currently operated as an advanced exploration project. Key permits associated with these activities include:

- Reclamation Permit # 0219
- Plan of Operations # N77104
- Air Permit for Surface Disturbance #AP 1041-2208

A reclamation bond in the amount of $222,081 is currently posted with Bureau of Land Management to guarantee that reclamation is performed on associated exploration activities at the site.

There are also numerous other permits in place that are maintained from previous mine operations. These are maintained for ease in updating should a decision be made to reinitiate production at the site. Maintenance of these permits includes monthly, quarterly and annual monitoring and reporting. These permits include:

- Reclamation Permit #0037
- Water Pollution Control Permit #NEV 50006
- Groundwater Appropriation Permits #'s 53228, 53231, 53236
- Radio Station (FCC) License # 11216793
- Air Quality Operating Permit # AP 1041 1322
- Hazardous Materials Permit # 1168-2326
- Solid Waste Landfill Waiver # SWMI-08-10
- Industrial Artificial Pond Permit # S28231

A reclamation bond in the amount of $3,966,373 is currently posted with Bureau of Land Management to guarantee that reclamation is performed on associated mine facilities and activities at the site.

Paramount is currently in compliance with all issued permits.

21 Capital and Operating Costs

This section is not applicable**.**

22 Economic Analysis

This section is not applicable.

23 Adjacent Properties

SRK does not have specific information related to properties adjacent to the Sleeper Project.

24 Other Relevant Data and Information

This section is not applicable.

25 Interpretation and Conclusions

The Sleeper gold-silver deposit represents a project with a great deal of potential for being an important gold producer in Nevada once again. Exploration potential adjacent to the mine is very positive as well as brownfield opportunities in the other target within the claim block that still remain to be tested (although overall exploration potential was not part of SRK's work scope, this potential was recognised nonetheless.

Au and Ag mineralization display various controls, including sub-vertical feeder structures and stockwork halos as well as bedding-parallel controls. The latter, is particularly seen at Facility, related to what has been interpreted in the model presented here in this report, as the base of the rhyolite (either as a flow or dome) and the contact with the underlying Mesozoic basement. These mineralization trends have not been extensively drilled, and present strong potential for continuity for increasing resources at the project.

26 Recommendations

QA/QC Controls

SRK recommends that the QA/QC sample and laboratory analysis evaluation be done on a regular basis during drill hole campaigns. When QA/QC analyses are are completed after the drill campaign, it can be too late for making necessary adaptations and corrections. Fortunately, there does not seem to a consistent problem with the laboratory analyses, however, more attention to detail in consistently sending check assays to other labs and submitting coarse reject duplicates for analysis should be made.

Geologic Model

The following recommendations are presented.

- Grades were used as a proxy for mineralization style in the model (vein, stockwork and dissemination). Identifying mineralization style consistently in the database would allow modeling these features directly in a more geologically consistent fashion.
- The lithological units presented here are preliminary, based on the grouping of codes mapped by different companies over a long period of time. It is recommended that the partition suggested here be used as a basis for future drill hole logging review campaigns, in order to produce an integrated lithological coding system applicable to the whole deposit.
- The structures used were determined primarily on the bases of Au grade distribution and previous interpretations and conceptual models. It is recommended that field and drill hole structural information be carefully reviewed and entered into a newly compiled and integrated database as a more detailed structural model will be necessary at a more advanced project stage.

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CERTIFICATE AND CONSENT

To accompany the report entitled: Mineral Resource Estimation, Paramount, Nevada, U.S.A.

I, George Even, residing at Vital Apoquindo 941, Las Condes, Santiago, Chile, do hereby certify that:

1) I am a Principal Geologist with the firm of SRK Consulting (Chile) S.A. (SRK) with an office at Av. Apoquindo 4001 Piso 7, Las Condes, Santiago, Chile;

2) I am a graduate of San Diego State University in San Diego, California U.S.A. with a BSc. in Geology in 1972. I have practiced my profession continuously since 1972;

3) I am a Professional Geologist registered with the AusIMM of Australia (#228861) and also with the AIG (#3616) of Australia;

4) I have not received, nor do I expect to receive, any interest, directly or indirectly, in the Sleeper project or securities of Paramount Gold.

5) That, as of the date of this certificate, to the best of my knowledge, information and belief, this technical report contains all scientific and technical information that is required to be disclosed to make the technical report not misleading;

6) I have read National Instrument 43-101 and Form 43-101F1 and by reason of my education and past relevant work experience, I fulfill the requirements to be a “Qualified Person” for the purposes of NI 43-101. This technical report has been prepared in compliance with National Instrument 43-101 and Form 43-101F1;

7) As a qualified person, I am independent of the issuer as defined in Section 1.4 of National Instrument 43-101;

8) I am the author of all the sections of this report except for Section 1.4 and Section 22.

9) I have visited the Sleeper project and surrounding area many times during May, 2011;

10) SRK Consulting (Chile) S.A. was retained by Paramount Gold to prepare a mineral resource estimate for the Sleeper project. This assignment was completed using CIM “Best practice” and Canadian Securities Administrators National Instrument 43-101 guidelines. The preceding report is based on our review of project files and discussions with Paramount Gold personnel;

11) I consent to the filing of the Technical Report with the securities regulatory authorities.

Santiago, Chile — George Even

October 21, 2011 — Principal Geologist

CERTIFICATE of AUTHOR

I, Lee P. Gochnour, do hereby certify that:

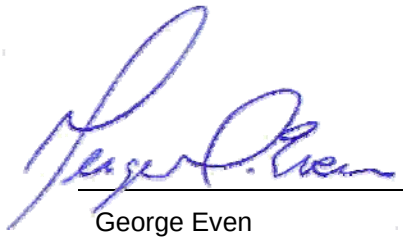
1. I am a Principal with the firm of Gochnour & Associates, Inc. (G&A) with an office at 7129 Windwood Way, Parker, CO 80134. U.S.A.
2. I am a graduate of Eastern Washington University with a Bachelors' Degree in Park Administration and Environmental Land Use Planning in 1981. I have practiced my profession continuously since 1981.
3. I am registered with the Mining and Metallurgical Society of America as a Qualified Professional in Environmental, Permitting and Compliance (Member # 01166QP)
4. I have not received, nor do I expect to receive, any interest, directly or indirectly, in the Sleeper project or securities of Paramount Gold Corp.
5. That, as of the date of this certificate, to the best of my knowledge, information and belief, this technical report contains all scientific and technical information that is required to be disclosed to make the technical report not misleading;
6. I have read National Instrument 43-101 and Form 43-101F1 and by reason of my education and past relevant work experience, I fulfill the requirements to be a "Qualified Person" for the purposes of NI 43-101. This technical report has been prepared in compliance with National Instrument 43-101 and Form 43-101F1;
7. I, as a qualified person, am independent of the issuer as defined in Section 1.4 of National Instrument 43-101.
8. I am the author of Section 20 of this report.
9. I last visited the Sleeper property and surrounding areas on April 19, 2011.
10. SRK Consulting (Chile) S.A. was retained by Paramount Gold Corp. to prepare a Mineral Resource Estimation for the Sleeper gold property. This assignment was completed using CIM "Best practice" and Canadian Securities Administrators National Instrument 43-101 guidelines. The preceding report is based on our review of project files and discussions with Paramount Gold Corp. personnel.

11. I consent to the filing of the Technical Report with the securities regulatory authorities.

Dated this 26th day of October, 2011.

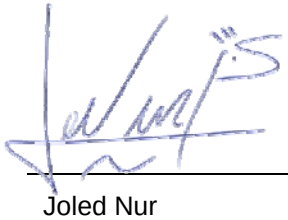
Lee P. Gochnour

Prepared by



George Even

Reviewed by



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All data used as source material plus the text, tables, figures, and attachments of this document have been reviewed and prepared in accordance with generally accepted professional engineering and environmental practices.

Appendices

Appendix A

Claim List

SLEEPER PROJECT HUMBOLDT COUNTY, NEVADA USA
CLAIM LIST

BLM Serial Number	Entry_num	Original Owner	Current Owner	Claim Name	Claim	CLAIM NU	County	Aprox Area (Ha)	Aprox Area (Acre)
NMC 850604	200675	X Cal USA Inc	Sleeper Mining Company LLC	AW 1	AW	1	HUMBOLDT	8,36	20,66
NMC 850605	200675	X Cal USA Inc	Sleeper Mining Company LLC	AW 2	AW	2	HUMBOLDT	8,36	20,66
NMC 850606	200675	X Cal USA Inc	Sleeper Mining Company LLC	AW 3	AW	3	HUMBOLDT	8,36	20,66
NMC 850607	200675	X Cal USA Inc	Sleeper Mining Company LLC	AW 4	AW	4	HUMBOLDT	8,36	20,66
NMC 850608	200675	X Cal USA Inc	Sleeper Mining Company LLC	AW 5	AW	5	HUMBOLDT	8,36	20,66
NMC 850609	200675	X Cal USA Inc	Sleeper Mining Company LLC	AW 6	AW	6	HUMBOLDT	8,36	20,66
NMC 850610	200675	X Cal USA Inc	Sleeper Mining Company LLC	AW 7	AW	7	HUMBOLDT	8,36	20,66
NMC 850611	200675	X Cal USA Inc	Sleeper Mining Company LLC	AW 8	AW	8	HUMBOLDT	8,36	20,66
NMC 850612	200675	X Cal USA Inc	Sleeper Mining Company LLC	AW 9	AW	9	HUMBOLDT	8,36	20,66
NMC 850613	200675	X Cal USA Inc	Sleeper Mining Company LLC	AW 10	AW	10	HUMBOLDT	8,36	20,66
NMC 850614	200675	X Cal USA Inc	Sleeper Mining Company LLC	AW 11	AW	11	HUMBOLDT	8,36	20,66
NMC 850615	200675	X Cal USA Inc	Sleeper Mining Company LLC	AW 12	AW	12	HUMBOLDT	8,36	20,66
NMC 850616	200675	X Cal USA Inc	Sleeper Mining Company LLC	AW 13	AW	13	HUMBOLDT	8,36	20,66
NMC 850617	200675	X Cal USA Inc	Sleeper Mining Company LLC	AW 14	AW	14	HUMBOLDT	8,36	20,66
NMC 850618	200675	X Cal USA Inc	Sleeper Mining Company LLC	AW 15	AW	15	HUMBOLDT	8,36	20,66
NMC 850619	200675	X Cal USA Inc	Sleeper Mining Company LLC	AW 16	AW	16	HUMBOLDT	8,36	20,66
NMC 850620	200675	X Cal USA Inc	Sleeper Mining Company LLC	AW 17	AW	17	HUMBOLDT	8,36	20,66
NMC 850621	200675	X Cal USA Inc	Sleeper Mining Company LLC	AW 18	AW	18	HUMBOLDT	8,36	20,66
NMC 850622	200675	X Cal USA Inc	Sleeper Mining Company LLC	AW 19	AW	19	HUMBOLDT	8,36	20,66
NMC 850623	200675	X Cal USA Inc	Sleeper Mining Company LLC	AW 20	AW	20	HUMBOLDT	8,36	20,66
NMC 850624	200675	X Cal USA Inc	Sleeper Mining Company LLC	AW 21	AW	21	HUMBOLDT	8,36	20,66
NMC 850625	200675	X Cal USA Inc	Sleeper Mining Company LLC	AW 22	AW	22	HUMBOLDT	8,36	20,66
NMC 850626	200675	X Cal USA Inc	Sleeper Mining Company LLC	AW 23	AW	23	HUMBOLDT	8,36	20,66
NMC 850627	200675	X Cal USA Inc	Sleeper Mining Company LLC	AW 24	AW	24	HUMBOLDT	8,36	20,66
NMC 850628	200675	X Cal USA Inc	Sleeper Mining Company LLC	AW 25	AW	25	HUMBOLDT	8,36	20,66
NMC 850629	200675	X Cal USA Inc	Sleeper Mining Company LLC	AW 26	AW	26	HUMBOLDT	8,36	20,66
NMC 850630	200675	X Cal USA Inc	Sleeper Mining Company LLC	AW 27	AW	27	HUMBOLDT	8,36	20,66
NMC 850631	200675	X Cal USA Inc	Sleeper Mining Company LLC	AW 28	AW	28	HUMBOLDT	8,36	20,66
NMC 850632	200675	X Cal USA Inc	Sleeper Mining Company LLC	AW 29	AW	29	HUMBOLDT	8,36	20,66
NMC 945647	0	Sleeper Mining Company LLC	Sleeper Mining Company LLC	CR 1	CR	1	HUMBOLDT	8,36	20,66
NMC 945648	0	Sleeper Mining Company LLC	Sleeper Mining Company LLC	CR 2	CR	2	HUMBOLDT	8,36	20,66
NMC 945649	0	Sleeper Mining Company LLC	Sleeper Mining Company LLC	CR 3	CR	3	HUMBOLDT	8,36	20,66
NMC 945650	0	Sleeper Mining Company LLC	Sleeper Mining Company LLC	CR 4	CR	4	HUMBOLDT	8,36	20,66
NMC 945651	0	Sleeper Mining Company LLC	Sleeper Mining Company LLC	CR 5	CR	5	HUMBOLDT	8,36	20,66
NMC 945652	0	Sleeper Mining Company LLC	Sleeper Mining Company LLC	CR 6	CR	6	HUMBOLDT	8,36	20,66
NMC 945653	0	Sleeper Mining Company LLC	Sleeper Mining Company LLC	CR 7	CR	7	HUMBOLDT	8,37	20,67
NMC 945654	0	Sleeper Mining Company LLC	Sleeper Mining Company LLC	CR 8	CR	8	HUMBOLDT	8,37	20,67
NMC 945655	0	Sleeper Mining Company LLC	Sleeper Mining Company LLC	CR 9	CR	9	HUMBOLDT	8,37	20,67
NMC 955656	0	Sleeper Mining Company LLC	Sleeper Mining Company LLC	CR 10	CR	10	HUMBOLDT	8,37	20,67
NMC 700996	2315613	Leland L. York	Sleeper Mining Company LLC	DAY 1	DAY	1	HUMBOLDT	8,36	20,66
NMC 700997	2315613	Leland L. York	Sleeper Mining Company LLC	DAY 2	DAY	2	HUMBOLDT	8,36	20,66
NMC 700998	2315613	Leland L. York	Sleeper Mining Company LLC	DAY 3	DAY	3	HUMBOLDT	8,36	20,66
NMC 700999	2315613	Leland L. York	Sleeper Mining Company LLC	DAY 4	DAY	4	HUMBOLDT	8,36	20,66
NMC 701000	2315613	Leland L. York	Sleeper Mining Company LLC	DAY 5	DAY	5	HUMBOLDT	8,36	20,66
NMC 701001	2315613	Leland L. York	Sleeper Mining Company LLC	DAY 6	DAY	6	HUMBOLDT	8,36	20,66
NMC 701002	2315613	Leland L. York	Sleeper Mining Company LLC	DAY 7	DAY	7	HUMBOLDT	8,36	20,66
NMC 701003	2315613	Leland L. York	Sleeper Mining Company LLC	DAY 8	DAY	8	HUMBOLDT	8,36	20,66
NMC 701004	2315613	Leland L. York	Sleeper Mining Company LLC	DAY 9	DAY	9	HUMBOLDT	8,36	20,65
NMC 701005	2315613	Leland L. York	Sleeper Mining Company LLC	DAY 10	DAY	10	HUMBOLDT	8,36	20,66
NMC 701006	2315613	Leland L. York	Sleeper Mining Company LLC	DAY 11	DAY	11	HUMBOLDT	8,36	20,66
NMC 701007	2315613	Leland L. York	Sleeper Mining Company LLC	DAY 12	DAY	12	HUMBOLDT	8,36	20,65
NMC 701008	2315613	Leland L. York	Sleeper Mining Company LLC	DAY 13	DAY	13	HUMBOLDT	8,36	20,66
NMC 701009	2315613	Leland L. York	Sleeper Mining Company LLC	DAY 14	DAY	14	HUMBOLDT	8,36	20,66
NMC 701010	2315613	Leland L. York	Sleeper Mining Company LLC	DAY 15	DAY	15	HUMBOLDT	8,36	20,66
NMC 701011	2315613	Leland L. York	Sleeper Mining Company LLC	DAY 16	DAY	16	HUMBOLDT	8,36	20,66
NMC 701012	2315613	Leland L. York	Sleeper Mining Company LLC	DAY 17	DAY	17	HUMBOLDT	8,37	20,69
NMC 701013	2315613	Leland L. York	Sleeper Mining Company LLC	DAY 18	DAY	18	HUMBOLDT	8,37	20,67
NMC 701014	2315613	Leland L. York	Sleeper Mining Company LLC	DAY 19	DAY	19	HUMBOLDT	8,36	20,66
NMC 701015	2315613	Leland L. York	Sleeper Mining Company LLC	DAY 20	DAY	20	HUMBOLDT	8,37	20,67
NMC 701016	2315613	Leland L. York	Sleeper Mining Company LLC	DAY 21	DAY	21	HUMBOLDT	8,36	20,66
NMC 701017	2315613	Leland L. York	Sleeper Mining Company LLC	DAY 22	DAY	22	HUMBOLDT	8,36	20,66
NMC 701018	2315613	Leland L. York	Sleeper Mining Company LLC	DAY 23	DAY	23	HUMBOLDT	8,36	20,66
NMC 701019	2315613	Leland L. York	Sleeper Mining Company LLC	DAY 24	DAY	24	HUMBOLDT	8,36	20,66
NMC 701020	2315613	Leland L. York	Sleeper Mining Company LLC	DAY 25	DAY	25	HUMBOLDT	8,36	20,66
NMC 701021	2315613	Leland L. York	Sleeper Mining Company LLC	DAY 26	DAY	26	HUMBOLDT	8,36	20,66
NMC 701022	2315613	Leland L. York	Sleeper Mining Company LLC	DAY 27	DAY	27	HUMBOLDT	8,36	20,66
NMC 701023	2315613	Leland L. York	Sleeper Mining Company LLC	DAY 28	DAY	28	HUMBOLDT	8,36	20,65
NMC 701024	2315613	Leland L. York	Sleeper Mining Company LLC	DAY 29	DAY	29	HUMBOLDT	8,36	20,66
NMC 701025	2315613	Leland L. York	Sleeper Mining Company LLC	DAY 30	DAY	30	HUMBOLDT	8,36	20,67
NMC 701026	2315613	Leland L. York	Sleeper Mining Company LLC	DAY 31	DAY	31	HUMBOLDT	8,36	20,67
NMC 701027	2315613	Leland L. York	Sleeper Mining Company LLC	DAY 32	DAY	32	HUMBOLDT	8,36	20,65
NMC 701028	2315613	Leland L. York	Sleeper Mining Company LLC	DAY 33	DAY	33	HUMBOLDT	8,36	20,66
NMC 701029	2315613	Leland L. York	Sleeper Mining Company LLC	DAY 34	DAY	34	HUMBOLDT	8,36	20,67
NMC 701030	2315613	Leland L. York	Sleeper Mining Company LLC	DAY 35	DAY	35	HUMBOLDT	8,36	20,66
NMC 701031	2315613	Leland L. York	Sleeper Mining Company LLC	DAY 36	DAY	36	HUMBOLDT	8,36	20,66
NMC 701032	2315613	Leland L. York	Sleeper Mining Company LLC	DAY 37	DAY	37	HUMBOLDT	8,36	20,67
NMC 701033	2315613	Leland L. York	Sleeper Mining Company LLC	DAY 38	DAY	38	HUMBOLDT	8,36	20,66
NMC 701034	2315613	Leland L. York	Sleeper Mining Company LLC	DAY 39	DAY	39	HUMBOLDT	8,36	20,66
NMC 701035	2315613	Leland L. York	Sleeper Mining Company LLC	DAY 40	DAY	40	HUMBOLDT	8,36	20,66
NMC 701036	2315613	Leland L. York	Sleeper Mining Company LLC	DAY 41	DAY	41	HUMBOLDT	8,36	20,67
NMC 701037	2315613	Leland L. York	Sleeper Mining Company LLC	DAY 42	DAY	42	HUMBOLDT	8,36	20,66
NMC 701038	2315613	Leland L. York	Sleeper Mining Company LLC	DAY 43	DAY	43	HUMBOLDT	8,36	20,66
NMC 701039	2315613	Leland L. York	Sleeper Mining Company LLC	DAY 44	DAY	44	HUMBOLDT	8,36	20,66

SLEEPER PROJECT HUMBOLDT COUNTY, NEVADA USA
CLAIM LIST

BLM Serial Number	Entry_num	Original Owner	Current Owner	Claim Name	Claim	CLAIM NU	County	Aprox Area (Ha)	Aprox Area (Acre)
NMC 701040	2315613	Leland L. York	Sleeper Mining Company LLC	DAY 45	DAY	45	HUMBOLDT	8,36	20,66
NMC 701041	2315613	Leland L. York	Sleeper Mining Company LLC	DAY 46	DAY	46	HUMBOLDT	8,08	19,97
NMC 701042	2315613	Leland L. York	Sleeper Mining Company LLC	DAY 47	DAY	47	HUMBOLDT	8,36	20,66
NMC 701043	2315613	Leland L. York	Sleeper Mining Company LLC	DAY 48	DAY	48	HUMBOLDT	3,82	9,45
NMC 701044	2315613	Leland L. York	Sleeper Mining Company LLC	DAY 49	DAY	49	HUMBOLDT	8,36	20,66
NMC 713671	2315613	Leland L. York	Sleeper Mining Company LLC	DAY 50	DAY	50	HUMBOLDT	8,36	20,65
NMC 713672	2315613	Leland L. York	Sleeper Mining Company LLC	DAY 51	DAY	51	HUMBOLDT	8,36	20,65
NMC 713673	2315613	Leland L. York	Sleeper Mining Company LLC	DAY 52	DAY	52	HUMBOLDT	8,36	20,65
NMC 713674	2315613	Leland L. York	Sleeper Mining Company LLC	DAY 53	DAY	53	HUMBOLDT	8,36	20,65
NMC 713675	2315613	Leland L. York	Sleeper Mining Company LLC	DAY 54	DAY	54	HUMBOLDT	8,36	20,65
NMC 713676	2315613	Leland L. York	Sleeper Mining Company LLC	DAY 55	DAY	55	HUMBOLDT	8,36	20,65
NMC 713677	2315613	Leland L. York	Sleeper Mining Company LLC	DAY 56	DAY	56	HUMBOLDT	8,36	20,66
NMC 713678	2315613	Leland L. York	Sleeper Mining Company LLC	DAY 57	DAY	57	HUMBOLDT	8,36	20,65
NMC 713679	2315613	Leland L. York	Sleeper Mining Company LLC	DAY 58	DAY	58	HUMBOLDT	8,36	20,65
NMC 713680	2315613	Leland L. York	Sleeper Mining Company LLC	DAY 59	DAY	59	HUMBOLDT	8,36	20,65
NMC 269681	2315613	Leland L. York	Sleeper Mining Company LLC	DAYLIGHT FR	DAYLIGHT FI	0	HUMBOLDT	7,15	17,66
NMC 251345	2315750	Amax Gold Inc	Sleeper Mining Company LLC	DRY LAKE PLA	DRY LAKE PI	4	HUMBOLDT	64,75	160,00
NMC 251346	2315750	Amax Gold Inc	Sleeper Mining Company LLC	DRY LAKE PLA	DRY LAKE PI	15	HUMBOLDT	64,75	160,00
NMC 251347	2315750	Amax Gold Inc	Sleeper Mining Company LLC	DRY LAKE PLA	DRY LAKE PI	17	HUMBOLDT	64,74	159,99
NMC 251348	2315750	Amax Gold Inc	Sleeper Mining Company LLC	DRY LAKE PLA	DRY LAKE PI	18	HUMBOLDT	64,75	160,00
NMC 251354	2315750	Amax Gold Inc	Sleeper Mining Company LLC	DRY LAKE PLA	DRY LAKE PI	40	HUMBOLDT	64,75	160,01
NMC 371654	2315613	Leland L. York	Sleeper Mining Company LLC	ELECTRUM 1	ELECTRUM	1	HUMBOLDT	8,10	20,01
NMC 371655	2315613	Leland L. York	Sleeper Mining Company LLC	ELECTRUM 2	ELECTRUM	2	HUMBOLDT	7,54	18,63
NMC 371656	2315613	Leland L. York	Sleeper Mining Company LLC	ELECTRUM 3	ELECTRUM	3	HUMBOLDT	8,36	20,66
NMC 235675	2315613	Leland L. York	Sleeper Mining Company LLC	ELECTRUM 11	ELECTRUM	11	HUMBOLDT	8,09	20,00
NMC 235676	2315613	Leland L. York	Sleeper Mining Company LLC	ELECTRUM 12	ELECTRUM	12	HUMBOLDT	7,54	18,62
NMC 235677	2315613	Leland L. York	Sleeper Mining Company LLC	ELECTRUM 13	ELECTRUM	13	HUMBOLDT	8,36	20,67
NMC 239887	2315613	Leland L. York	Sleeper Mining Company LLC	ELECTRUM 21	ELECTRUM	21	HUMBOLDT	8,36	20,66
NMC 239889	2315613	Leland L. York	Sleeper Mining Company LLC	ELECTRUM 23	ELECTRUM	23	HUMBOLDT	8,36	20,66
NMC 252825	2315613	Leland L. York	Sleeper Mining Company LLC	FREE GOLD 1	FREE GOLD	1	HUMBOLDT	8,30	20,52
NMC 252826	2315613	Leland L. York	Sleeper Mining Company LLC	FREE GOLD 2	FREE GOLD	2	HUMBOLDT	8,30	20,52
NMC 252827	2315613	Leland L. York	Sleeper Mining Company LLC	FREE GOLD 3	FREE GOLD	3	HUMBOLDT	8,30	20,52
NMC 252828	2315613	Leland L. York	Sleeper Mining Company LLC	FREE GOLD 4	FREE GOLD	4	HUMBOLDT	8,30	20,52
NMC 252829	2315613	Leland L. York	Sleeper Mining Company LLC	FREE GOLD 5	FREE GOLD	5	HUMBOLDT	8,30	20,52
NMC 252830	2315613	Leland L. York	Sleeper Mining Company LLC	FREE GOLD 6	FREE GOLD	6	HUMBOLDT	8,30	20,52
NMC 252831	2315613	Leland L. York	Sleeper Mining Company LLC	FREE GOLD 7	FREE GOLD	7	HUMBOLDT	8,30	20,52
NMC 252832	2315613	Leland L. York	Sleeper Mining Company LLC	FREE GOLD 8	FREE GOLD	8	HUMBOLDT	8,30	20,52
NMC 252833	2315613	Leland L. York	Sleeper Mining Company LLC	FREE GOLD 9	FREE GOLD	9	HUMBOLDT	8,30	20,52
NMC 252834	2315613	Leland L. York	Sleeper Mining Company LLC	FREE GOLD 10	FREE GOLD	10	HUMBOLDT	8,30	20,52
NMC 730912	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 1	LAM	1	HUMBOLDT	8,36	20,66
NMC 730913	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 2	LAM	2	HUMBOLDT	8,36	20,66
NMC 730914	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 3	LAM	3	HUMBOLDT	8,36	20,66
NMC 730915	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 4	LAM	4	HUMBOLDT	8,36	20,66
NMC 730916	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 5	LAM	5	HUMBOLDT	8,36	20,67
NMC 730917	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 6	LAM	6	HUMBOLDT	8,36	20,67
NMC 730918	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 7	LAM	7	HUMBOLDT	8,36	20,67
NMC 730919	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 8	LAM	8	HUMBOLDT	8,36	20,67
NMC 730920	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 9	LAM	9	HUMBOLDT	8,36	20,66
NMC 730921	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 10	LAM	10	HUMBOLDT	8,36	20,66
NMC 730922	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 11	LAM	11	HUMBOLDT	8,36	20,66
NMC 730923	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 12	LAM	12	HUMBOLDT	8,36	20,67
NMC 730924	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 13	LAM	13	HUMBOLDT	8,36	20,67
NMC 730925	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 14	LAM	14	HUMBOLDT	8,36	20,67
NMC 730926	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 15	LAM	15	HUMBOLDT	8,36	20,67
NMC 730927	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 16	LAM	16	HUMBOLDT	8,36	20,66
NMC 730928	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 17	LAM	17	HUMBOLDT	8,36	20,66
NMC 730929	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 18	LAM	18	HUMBOLDT	8,35	20,63
NMC 730930	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 19	LAM	19	HUMBOLDT	8,36	20,66
NMC 730931	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 20	LAM	20	HUMBOLDT	8,36	20,66
NMC 730932	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 21	LAM	21	HUMBOLDT	8,36	20,67
NMC 730933	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 22	LAM	22	HUMBOLDT	8,36	20,67
NMC 730934	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 23	LAM	23	HUMBOLDT	8,36	20,67
NMC 730935	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 24	LAM	24	HUMBOLDT	8,36	20,67
NMC 730936	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 25	LAM	25	HUMBOLDT	8,36	20,67
NMC 730937	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 26	LAM	26	HUMBOLDT	8,36	20,67
NMC 730938	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 27	LAM	27	HUMBOLDT	8,36	20,67
NMC 730939	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 28	LAM	28	HUMBOLDT	8,36	20,67
NMC 730940	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 29	LAM	29	HUMBOLDT	8,36	20,66
NMC 730941	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 30	LAM	30	HUMBOLDT	8,36	20,67
NMC 730942	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 31	LAM	31	HUMBOLDT	8,36	20,66
NMC 730943	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 32	LAM	32	HUMBOLDT	8,36	20,67
NMC 730944	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 33	LAM	33	HUMBOLDT	8,36	20,66
NMC 730945	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 34	LAM	34	HUMBOLDT	8,36	20,67
NMC 730946	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 35	LAM	35	HUMBOLDT	8,36	20,66
NMC 730947	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 36	LAM	36	HUMBOLDT	8,36	20,67
NMC 730948	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 37	LAM	37	HUMBOLDT	8,36	20,67
NMC 730949	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 38	LAM	38	HUMBOLDT	8,36	20,67
NMC 730950	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 39	LAM	39	HUMBOLDT	8,36	20,67
NMC 730951	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 40	LAM	40	HUMBOLDT	8,36	20,67
NMC 730952	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 41	LAM	41	HUMBOLDT	8,36	20,67
NMC 730953	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 42	LAM	42	HUMBOLDT	8,36	20,67
NMC 730954	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 43	LAM	43	HUMBOLDT	8,36	20,67
NMC 730955	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 44	LAM	44	HUMBOLDT	8,37	20,67

SLEEPER PROJECT HUMBOLDT COUNTY, NEVADA USA
CLAIM LIST

BLM Serial Number	Entry_num	Original Owner	Current Owner	Claim Name	Claim	CLAIM NU	County	Aprox Area (Ha)	Aprox Area (Acre)
NMC 730956	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 45	LAM	45	HUMBOLDT	8,36	20,67
NMC 730957	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 46	LAM	46	HUMBOLDT	8,37	20,67
NMC 730958	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 47	LAM	47	HUMBOLDT	8,36	20,66
NMC 730959	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 48	LAM	48	HUMBOLDT	8,37	20,67
NMC 730960	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 49	LAM	49	HUMBOLDT	8,36	20,67
NMC 730961	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 50	LAM	50	HUMBOLDT	8,36	20,67
NMC 730962	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 51	LAM	51	HUMBOLDT	8,36	20,67
NMC 730963	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 52	LAM	52	HUMBOLDT	8,36	20,67
NMC 730964	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 53	LAM	53	HUMBOLDT	8,36	20,67
NMC 730965	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 54	LAM	54	HUMBOLDT	8,36	20,67
NMC 730966	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 55	LAM	55	HUMBOLDT	8,36	20,67
NMC 730967	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 56	LAM	56	HUMBOLDT	8,36	20,67
NMC 730968	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 57	LAM	57	HUMBOLDT	8,36	20,67
NMC 730969	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 58	LAM	58	HUMBOLDT	8,36	20,67
NMC 730970	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 59	LAM	59	HUMBOLDT	8,36	20,66
NMC 730971	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 60	LAM	60	HUMBOLDT	8,36	20,67
NMC 730972	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 61	LAM	61	HUMBOLDT	8,36	20,66
NMC 730973	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 62	LAM	62	HUMBOLDT	8,36	20,66
NMC 730974	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 63	LAM	63	HUMBOLDT	8,36	20,67
NMC 730975	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 64	LAM	64	HUMBOLDT	8,36	20,67
NMC 730976	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 65	LAM	65	HUMBOLDT	8,36	20,67
NMC 730977	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 66	LAM	66	HUMBOLDT	8,36	20,67
NMC 730978	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 67	LAM	67	HUMBOLDT	8,36	20,67
NMC 730979	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 68	LAM	68	HUMBOLDT	8,36	20,67
NMC 730980	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 69	LAM	69	HUMBOLDT	8,36	20,66
NMC 730981	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 70	LAM	70	HUMBOLDT	8,36	20,66
NMC 730982	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 71	LAM	71	HUMBOLDT	8,36	20,65
NMC 730983	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 72	LAM	72	HUMBOLDT	8,36	20,66
NMC 730984	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 73	LAM	73	HUMBOLDT	8,36	20,66
NMC 730985	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 74	LAM	74	HUMBOLDT	8,36	20,66
NMC 730986	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 75	LAM	75	HUMBOLDT	8,36	20,65
NMC 771939	723091	Leland L. York	Sleeper Mining Company LLC	LAM 76	LAM	76	HUMBOLDT	8,36	20,66
NMC 771940	723091	Leland L. York	Sleeper Mining Company LLC	LAM 77	LAM	77	HUMBOLDT	8,36	20,66
NMC 771941	723091	Leland L. York	Sleeper Mining Company LLC	LAM 78	LAM	78	HUMBOLDT	8,36	20,66
NMC 771942	723091	Leland L. York	Sleeper Mining Company LLC	LAM 79	LAM	79	HUMBOLDT	8,36	20,66
NMC 730991	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 80	LAM	80	HUMBOLDT	8,36	20,66
NMC 771943	723091	Leland L. York	Sleeper Mining Company LLC	LAM 81	LAM	81	HUMBOLDT	8,36	20,66
NMC 730993	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 82	LAM	82	HUMBOLDT	8,36	20,66
NMC 771944	723091	Leland L. York	Sleeper Mining Company LLC	LAM 83	LAM	83	HUMBOLDT	8,36	20,66
NMC 730995	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 84	LAM	84	HUMBOLDT	8,36	20,66
NMC 730996	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 85	LAM	85	HUMBOLDT	8,36	20,66
NMC 730997	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 86	LAM	86	HUMBOLDT	8,36	20,66
NMC 730998	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 87	LAM	87	HUMBOLDT	8,36	20,66
NMC 730999	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 88	LAM	88	HUMBOLDT	8,36	20,66
NMC 731000	2315613	Leland L. York	Sleeper Mining Company LLC	LAM 89	LAM	89	HUMBOLDT	5,57	13,77
NMC 764009	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 90	LAM	90	HUMBOLDT	8,36	20,67
NMC 764010	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 91	LAM	91	HUMBOLDT	8,37	20,68
NMC 764011	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 92	LAM	92	HUMBOLDT	8,36	20,67
NMC 764012	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 93	LAM	93	HUMBOLDT	8,37	20,68
NMC 764013	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 94	LAM	94	HUMBOLDT	8,36	20,66
NMC 764014	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 95	LAM	95	HUMBOLDT	8,37	20,68
NMC 764015	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 96	LAM	96	HUMBOLDT	8,36	20,66
NMC 764016	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 97	LAM	97	HUMBOLDT	8,37	20,68
NMC 764017	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 98	LAM	98	HUMBOLDT	8,36	20,66
NMC 764018	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 99	LAM	99	HUMBOLDT	8,37	20,68
NMC 764019	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 100	LAM	100	HUMBOLDT	8,36	20,66
NMC 764021	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 102	LAM	102	HUMBOLDT	8,36	20,66
NMC 764023	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 104	LAM	104	HUMBOLDT	8,36	20,67
NMC 764025	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 106	LAM	106	HUMBOLDT	8,36	20,67
NMC 764027	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 108	LAM	108	HUMBOLDT	8,36	20,67
NMC 764029	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 110	LAM	110	HUMBOLDT	8,36	20,67
NMC 764031	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 112	LAM	112	HUMBOLDT	8,36	20,67
NMC 764033	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 114	LAM	114	HUMBOLDT	8,36	20,67
NMC 764035	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 116	LAM	116	HUMBOLDT	8,36	20,66
NMC 764037	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 118	LAM	118	HUMBOLDT	8,36	20,67
NMC 764039	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 120	LAM	120	HUMBOLDT	8,36	20,67
NMC 764041	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 122	LAM	122	HUMBOLDT	8,36	20,67
NMC 764043	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 124	LAM	124	HUMBOLDT	8,36	20,67
NMC 764045	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 126	LAM	126	HUMBOLDT	8,36	20,67
NMC 764047	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 128	LAM	128	HUMBOLDT	8,36	20,66
NMC 764049	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 130	LAM	130	HUMBOLDT	8,36	20,66
NMC 764051	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 132	LAM	132	HUMBOLDT	8,36	20,66
NMC 764053	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 134	LAM	134	HUMBOLDT	8,36	20,67
NMC 764055	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 136	LAM	136	HUMBOLDT	8,36	20,67
NMC 764057	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 138	LAM	138	HUMBOLDT	8,36	20,67
NMC 764059	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 140	LAM	140	HUMBOLDT	8,36	20,67
NMC 764061	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 142	LAM	142	HUMBOLDT	8,36	20,67
NMC 764063	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 144	LAM	144	HUMBOLDT	8,36	20,66
NMC 764065	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 146	LAM	146	HUMBOLDT	8,36	20,66
NMC 764067	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 148	LAM	148	HUMBOLDT	8,36	20,67
NMC 764069	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 150	LAM	150	HUMBOLDT	8,36	20,67
NMC 764071	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 152	LAM	152	HUMBOLDT	8,36	20,66
NMC 764072	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 153	LAM	153	HUMBOLDT	8,36	20,67

SLEEPER PROJECT HUMBOLDT COUNTY, NEVADA USA
CLAIM LIST

BLM Serial Number	Entry_num	Original Owner	Current Owner	Claim Name	Claim	CLAIM NU	County	Aprox Area (Ha)	Aprox Area (Acre)
NMC 764073	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 154	LAM	154	HUMBOLDT	8,36	20,66
NMC 764074	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 155	LAM	155	HUMBOLDT	8,36	20,66
NMC 764075	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 156	LAM	156	HUMBOLDT	8,36	20,67
NMC 764076	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 157	LAM	157	HUMBOLDT	8,36	20,67
NMC 764077	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 158	LAM	158	HUMBOLDT	8,36	20,67
NMC 764078	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 159	LAM	159	HUMBOLDT	8,36	20,67
NMC 764079	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 160	LAM	160	HUMBOLDT	8,36	20,67
NMC 764080	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 161	LAM	161	HUMBOLDT	8,36	20,67
NMC 764081	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 162	LAM	162	HUMBOLDT	8,36	20,67
NMC 764082	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 163	LAM	163	HUMBOLDT	8,36	20,67
NMC 764083	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 164	LAM	164	HUMBOLDT	8,36	20,67
NMC 764084	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 165	LAM	165	HUMBOLDT	8,36	20,67
NMC 764085	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 166	LAM	166	HUMBOLDT	2,79	6,89
NMC 764086	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 167	LAM	167	HUMBOLDT	8,36	20,67
NMC 764087	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 168	LAM	168	HUMBOLDT	8,36	20,66
NMC 764088	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 169	LAM	169	HUMBOLDT	8,36	20,67
NMC 764089	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 170	LAM	170	HUMBOLDT	8,36	20,67
NMC 764090	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 171	LAM	171	HUMBOLDT	8,34	20,62
NMC 764091	2315982	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 172	LAM	172	HUMBOLDT	8,36	20,67
NMC 764092	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 173	LAM	173	HUMBOLDT	8,36	20,66
NMC 764093	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 174	LAM	174	HUMBOLDT	8,36	20,66
NMC 764094	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 175	LAM	175	HUMBOLDT	8,36	20,66
NMC 764095	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 176	LAM	176	HUMBOLDT	8,36	20,66
NMC 764096	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 177	LAM	177	HUMBOLDT	5,57	13,77
NMC 771946	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 178	LAM	178	HUMBOLDT	8,36	20,66
NMC 771947	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 180	LAM	180	HUMBOLDT	8,36	20,66
NMC 771948	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 181	LAM	181	HUMBOLDT	8,36	20,66
NMC 771949	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 182	LAM	182	HUMBOLDT	8,36	20,66
NMC 771950	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 183	LAM	183	HUMBOLDT	8,36	20,66
NMC 771951	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 184	LAM	184	HUMBOLDT	8,36	20,67
NMC 771952	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 185	LAM	185	HUMBOLDT	8,36	20,66
NMC 771953	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 186	LAM	186	HUMBOLDT	8,36	20,67
NMC 771954	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 187	LAM	187	HUMBOLDT	8,36	20,67
NMC 771955	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 188	LAM	188	HUMBOLDT	8,36	20,66
NMC 771956	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 189	LAM	189	HUMBOLDT	8,36	20,67
NMC 771957	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 190	LAM	190	HUMBOLDT	8,36	20,66
NMC 771958	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 191	LAM	191	HUMBOLDT	8,36	20,66
NMC 771959	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 192	LAM	192	HUMBOLDT	8,36	20,66
NMC 771960	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 193	LAM	193	HUMBOLDT	8,36	20,66
NMC 771961	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 194	LAM	194	HUMBOLDT	8,36	20,66
NMC 771962	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 195	LAM	195	HUMBOLDT	8,36	20,66
NMC 771963	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 196	LAM	196	HUMBOLDT	8,36	20,66
NMC 771964	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 197	LAM	197	HUMBOLDT	8,36	20,66
NMC 771965	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 198	LAM	198	HUMBOLDT	8,36	20,66
NMC 771966	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 199	LAM	199	HUMBOLDT	8,36	20,66
NMC 771967	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 200	LAM	200	HUMBOLDT	8,36	20,66
NMC 833020	739458	Sleeper Mining Co LLC	Sleeper Mining Company LLC	LAM 201	LAM	201	HUMBOLDT	8,36	20,67
NMC 771968	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 201	LAM	201	HUMBOLDT	8,36	20,66
NMC 833021	739458	Sleeper Mining Co LLC	Sleeper Mining Company LLC	LAM 202	LAM	202	HUMBOLDT	8,36	20,67
NMC 771969	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 202	LAM	202	HUMBOLDT	8,36	20,66
NMC 833022	739458	Sleeper Mining Co LLC	Sleeper Mining Company LLC	LAM 203	LAM	203	HUMBOLDT	8,36	20,67
NMC 771970	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 203	LAM	203	HUMBOLDT	8,36	20,67
NMC 833023	739458	Sleeper Mining Co LLC	Sleeper Mining Company LLC	LAM 204	LAM	204	HUMBOLDT	8,36	20,67
NMC 771971	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 204	LAM	204	HUMBOLDT	0,70	1,72
NMC 833024	739458	Sleeper Mining Co LLC	Sleeper Mining Company LLC	LAM 205	LAM	205	HUMBOLDT	8,36	20,67
NMC 771972	2315981	X-Cal USA Inc	Sleeper Mining Company LLC	LAM 205	LAM	205	HUMBOLDT	1,39	3,44
NMC 833025	739458	Sleeper Mining Co LLC	Sleeper Mining Company LLC	LAM 206	LAM	206	HUMBOLDT	8,36	20,67
NMC 785737	2386420	X-Cal USA	Sleeper Mining Company LLC	LAM 206	LAM	206	HUMBOLDT	8,36	20,66
NMC 833026	739458	Sleeper Mining Co LLC	Sleeper Mining Company LLC	LAM 207	LAM	207	HUMBOLDT	8,36	20,67
NMC 785738	2386420	X-Cal USA	Sleeper Mining Company LLC	LAM 207	LAM	207	HUMBOLDT	8,36	20,66
NMC 833027	739458	Sleeper Mining Co LLC	Sleeper Mining Company LLC	LAM 208	LAM	208	HUMBOLDT	8,36	20,67
NMC 785739	2386420	X-Cal USA	Sleeper Mining Company LLC	LAM 208	LAM	208	HUMBOLDT	8,36	20,67
NMC 833028	739458	Sleeper Mining Co LLC	Sleeper Mining Company LLC	LAM 209	LAM	209	HUMBOLDT	8,36	20,67
NMC 785740	2386420	X-Cal USA	Sleeper Mining Company LLC	LAM 209	LAM	209	HUMBOLDT	8,36	20,67
NMC 833029	739458	Sleeper Mining Co LLC	Sleeper Mining Company LLC	LAM 210	LAM	210	HUMBOLDT	8,36	20,67
NMC 785741	2386420	X-Cal USA	Sleeper Mining Company LLC	LAM 210	LAM	210	HUMBOLDT	8,36	20,67
NMC 683286	2315613	Leland L. York	Sleeper Mining Company LLC	LLY 1	LLY	1	HUMBOLDT	8,36	20,66
NMC 683287	2315613	Leland L. York	Sleeper Mining Company LLC	LLY 2	LLY	2	HUMBOLDT	8,36	20,67
NMC 683288	2315613	Leland L. York	Sleeper Mining Company LLC	LLY 3	LLY	3	HUMBOLDT	8,36	20,66
NMC 683289	2315613	Leland L. York	Sleeper Mining Company LLC	LLY 4	LLY	4	HUMBOLDT	8,36	20,66
NMC 683290	2315613	Leland L. York	Sleeper Mining Company LLC	LLY 5	LLY	5	HUMBOLDT	8,36	20,66
NMC 683291	2315613	Leland L. York	Sleeper Mining Company LLC	LLY 6	LLY	6	HUMBOLDT	8,36	20,66
NMC 683292	2315613	Leland L. York	Sleeper Mining Company LLC	LLY 7	LLY	7	HUMBOLDT	8,37	20,67
NMC 683293	2315613	Leland L. York	Sleeper Mining Company LLC	LLY 8	LLY	8	HUMBOLDT	8,37	20,68
NMC 683294	2315613	Leland L. York	Sleeper Mining Company LLC	LLY 9	LLY	9	HUMBOLDT	8,36	20,67
NMC 683295	2315613	Leland L. York	Sleeper Mining Company LLC	LLY 10	LLY	10	HUMBOLDT	8,36	20,66
NMC 683296	2315613	Leland L. York	Sleeper Mining Company LLC	LLY 11	LLY	11	HUMBOLDT	8,36	20,66
NMC 683297	2315613	Leland L. York	Sleeper Mining Company LLC	LLY 12	LLY	12	HUMBOLDT	8,36	20,66
NMC 683298	2315613	Leland L. York	Sleeper Mining Company LLC	LLY 13	LLY	13	HUMBOLDT	8,36	20,66
NMC 683299	2315613	Leland L. York	Sleeper Mining Company LLC	LLY 14	LLY	14	HUMBOLDT	8,36	20,66
NMC 683300	2315613	Leland L. York	Sleeper Mining Company LLC	LLY 15	LLY	15	HUMBOLDT	8,36	20,66
NMC 683301	2315613	Leland L. York	Sleeper Mining Company LLC	LLY 16	LLY	16	HUMBOLDT	8,36	20,66
NMC 683302	2315613	Leland L. York	Sleeper Mining Company LLC	LLY 17	LLY	17	HUMBOLDT	8,36	20,65

SLEEPER PROJECT HUMBOLDT COUNTY, NEVADA USA
CLAIM LIST

BLM Serial Number	Entry_num	Original Owner	Current Owner	Claim Name	Claim	CLAIM NU	County	Aprox Area (Ha)	Aprox Area (Acre)
NMC 683303	2315613	Leland L. York	Sleeper Mining Company LLC	LLY 18	LLY	18	HUMBOLDT	8,36	20,66
NMC 683304	2315613	Leland L. York	Sleeper Mining Company LLC	LLY 19	LLY	19	HUMBOLDT	8,36	20,66
NMC 683305	2315613	Leland L. York	Sleeper Mining Company LLC	LLY 20	LLY	20	HUMBOLDT	8,36	20,66
NMC 683306	2315613	Leland L. York	Sleeper Mining Company LLC	LLY 21	LLY	21	HUMBOLDT	8,36	20,66
NMC 683307	2315613	Leland L. York	Sleeper Mining Company LLC	LLY 22	LLY	22	HUMBOLDT	8,36	20,65
NMC 683308	2315613	Leland L. York	Sleeper Mining Company LLC	LLY 23	LLY	23	HUMBOLDT	8,36	20,67
NMC 683309	2315613	Leland L. York	Sleeper Mining Company LLC	LLY 24	LLY	24	HUMBOLDT	8,36	20,66
NMC 683310	2315613	Leland L. York	Sleeper Mining Company LLC	LLY 25	LLY	25	HUMBOLDT	8,36	20,66
NMC 683311	2315613	Leland L. York	Sleeper Mining Company LLC	LLY 26	LLY	26	HUMBOLDT	8,36	20,66
NMC 683312	2315613	Leland L. York	Sleeper Mining Company LLC	LLY 27	LLY	27	HUMBOLDT	8,36	20,67
NMC 683313	2315613	Leland L. York	Sleeper Mining Company LLC	LLY 28	LLY	28	HUMBOLDT	8,36	20,66
NMC 683314	2315613	Leland L. York	Sleeper Mining Company LLC	LLY 29	LLY	29	HUMBOLDT	8,36	20,66
NMC 683315	2315613	Leland L. York	Sleeper Mining Company LLC	LLY 30	LLY	30	HUMBOLDT	8,36	20,67
NMC 683316	2315613	Leland L. York	Sleeper Mining Company LLC	LLY 31	LLY	31	HUMBOLDT	8,36	20,66
NMC 683317	2315613	Leland L. York	Sleeper Mining Company LLC	LLY 32	LLY	32	HUMBOLDT	8,36	20,66
NMC 683318	2315613	Leland L. York	Sleeper Mining Company LLC	LLY 33	LLY	33	HUMBOLDT	8,36	20,66
NMC 683319	2315613	Leland L. York	Sleeper Mining Company LLC	LLY 34	LLY	34	HUMBOLDT	8,36	20,66
NMC 683320	2315613	Leland L. York	Sleeper Mining Company LLC	LLY 35	LLY	35	HUMBOLDT	8,36	20,66
NMC 683321	2315613	Leland L. York	Sleeper Mining Company LLC	LLY 36	LLY	36	HUMBOLDT	8,36	20,66
NMC 683322	2315613	Leland L. York	Sleeper Mining Company LLC	LLY 37	LLY	37	HUMBOLDT	8,36	20,66
NMC 683323	2315613	Leland L. York	Sleeper Mining Company LLC	LLY 38	LLY	38	HUMBOLDT	8,36	20,66
NMC 683324	2315613	Leland L. York	Sleeper Mining Company LLC	LLY 39	LLY	39	HUMBOLDT	8,36	20,67
NMC 250802	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 1	NA	1	HUMBOLDT	8,08	19,98
NMC 250803	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 2	NA	2	HUMBOLDT	8,09	19,99
NMC 250804	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 3	NA	3	HUMBOLDT	8,09	20,00
NMC 250805	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 4	NA	4	HUMBOLDT	8,09	20,00
NMC 250806	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 5	NA	5	HUMBOLDT	8,09	20,00
NMC 250807	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 6	NA	6	HUMBOLDT	8,09	20,00
NMC 250808	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 7	NA	7	HUMBOLDT	8,09	20,00
NMC 250809	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 8	NA	8	HUMBOLDT	8,09	20,00
NMC 250810	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 9	NA	9	HUMBOLDT	8,15	20,13
NMC 250811	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 10	NA	10	HUMBOLDT	8,13	20,09
NMC 250812	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 11	NA	11	HUMBOLDT	8,13	20,09
NMC 250813	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 12	NA	12	HUMBOLDT	8,13	20,09
NMC 250814	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 13	NA	13	HUMBOLDT	8,13	20,09
NMC 250815	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 14	NA	14	HUMBOLDT	8,13	20,09
NMC 250816	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 15	NA	15	HUMBOLDT	8,13	20,09
NMC 250817	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 16	NA	16	HUMBOLDT	8,13	20,09
NMC 250818	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 17	NA	17	HUMBOLDT	8,10	20,00
NMC 250819	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 18	NA	18	HUMBOLDT	8,10	20,00
NMC 250820	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 19	NA	19	HUMBOLDT	8,10	20,00
NMC 250821	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 20	NA	20	HUMBOLDT	8,10	20,00
NMC 250822	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 21	NA	21	HUMBOLDT	8,09	20,00
NMC 250823	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 22	NA	22	HUMBOLDT	8,09	20,00
NMC 250824	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 23	NA	23	HUMBOLDT	8,05	19,89
NMC 250825	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 24	NA	24	HUMBOLDT	8,05	19,89
NMC 250826	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 25	NA	25	HUMBOLDT	8,05	19,89
NMC 250827	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 26	NA	26	HUMBOLDT	8,05	19,89
NMC 250828	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 27	NA	27	HUMBOLDT	8,05	19,89
NMC 250829	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 28	NA	28	HUMBOLDT	8,05	19,89
NMC 250838	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 37	NA	37	HUMBOLDT	8,14	20,11
NMC 250839	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 38	NA	38	HUMBOLDT	8,12	20,07
NMC 250840	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 39	NA	39	HUMBOLDT	8,08	19,97
NMC 250841	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 40	NA	40	HUMBOLDT	8,10	20,01
NMC 250842	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 41	NA	41	HUMBOLDT	8,10	20,01
NMC 250843	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 42	NA	42	HUMBOLDT	8,10	20,01
NMC 250844	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 43	NA	43	HUMBOLDT	8,10	20,01
NMC 250845	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 44	NA	44	HUMBOLDT	8,10	20,01
NMC 250846	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 45	NA	45	HUMBOLDT	8,10	20,01
NMC 250847	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 46	NA	46	HUMBOLDT	8,10	20,01
NMC 250848	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 47	NA	47	HUMBOLDT	8,10	20,01
NMC 250849	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 48	NA	48	HUMBOLDT	8,10	20,01
NMC 250850	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 49	NA	49	HUMBOLDT	8,10	20,01
NMC 250851	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 50	NA	50	HUMBOLDT	8,10	20,01
NMC 250852	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 51	NA	51	HUMBOLDT	8,10	20,01
NMC 250853	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 52	NA	52	HUMBOLDT	8,10	20,01
NMC 250854	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 53	NA	53	HUMBOLDT	8,10	20,01
NMC 250855	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 54	NA	54	HUMBOLDT	8,10	20,01
NMC 250856	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 55	NA	55	HUMBOLDT	8,10	20,01
NMC 250857	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 56	NA	56	HUMBOLDT	8,10	20,01
NMC 250858	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 57	NA	57	HUMBOLDT	8,10	20,01
NMC 250859	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 58	NA	58	HUMBOLDT	8,10	20,01
NMC 250860	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 59	NA	59	HUMBOLDT	8,07	19,95
NMC 250861	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 60	NA	60	HUMBOLDT	8,07	19,95
NMC 250862	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 61	NA	61	HUMBOLDT	8,08	19,96
NMC 250863	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 62	NA	62	HUMBOLDT	8,07	19,95
NMC 262286	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 63	NA	63	HUMBOLDT	8,10	20,02
NMC 262287	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 64	NA	64	HUMBOLDT	8,10	20,02
NMC 262288	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 65	NA	65	HUMBOLDT	8,10	20,02
NMC 262289	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 66	NA	66	HUMBOLDT	8,10	20,02
NMC 262290	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 67	NA	67	HUMBOLDT	8,10	20,02
NMC 262291	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 68	NA	68	HUMBOLDT	8,10	20,02
NMC 262292	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 69	NA	69	HUMBOLDT	8,10	20,02

SLEEPER PROJECT HUMBOLDT COUNTY, NEVADA USA
CLAIM LIST

BLM Serial Number	Entry_num	Original Owner	Current Owner	Claim Name	Claim	CLAIM NU	County	Aprox Area (Ha)	Aprox Area (Acre)
NMC 262293	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 70	NA	70	HUMBOLDT	8,10	20,02
NMC 262294	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 71	NA	71	HUMBOLDT	8,10	20,01
NMC 262295	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 72	NA	72	HUMBOLDT	8,10	20,01
NMC 262296	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 73	NA	73	HUMBOLDT	8,10	20,01
NMC 262297	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 74	NA	74	HUMBOLDT	8,10	20,01
NMC 262298	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 75	NA	75	HUMBOLDT	8,10	20,01
NMC 262299	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 76	NA	76	HUMBOLDT	8,10	20,01
NMC 262300	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 77	NA	77	HUMBOLDT	8,10	20,01
NMC 262301	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 78	NA	78	HUMBOLDT	8,10	20,01
NMC 262302	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 79	NA	79	HUMBOLDT	8,10	20,02
NMC 262303	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 80	NA	80	HUMBOLDT	8,10	20,02
NMC 262304	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 81	NA	81	HUMBOLDT	8,10	20,02
NMC 262305	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 82	NA	82	HUMBOLDT	8,10	20,02
NMC 262306	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 83	NA	83	HUMBOLDT	8,10	20,02
NMC 262307	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 84	NA	84	HUMBOLDT	8,10	20,02
NMC 262308	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 85	NA	85	HUMBOLDT	8,10	20,02
NMC 262309	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 86	NA	86	HUMBOLDT	8,10	20,02
NMC 262310	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 87	NA	87	HUMBOLDT	8,10	20,02
NMC 262311	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 88	NA	88	HUMBOLDT	8,10	20,02
NMC 262312	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 89	NA	89	HUMBOLDT	8,10	20,02
NMC 262313	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 90	NA	90	HUMBOLDT	8,10	20,02
NMC 262314	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 91	NA	91	HUMBOLDT	8,10	20,02
NMC 262315	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 92	NA	92	HUMBOLDT	8,10	20,02
NMC 262316	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 93	NA	93	HUMBOLDT	8,10	20,02
NMC 262317	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 94	NA	94	HUMBOLDT	8,10	20,02
NMC 321784	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 95	NA	95	HUMBOLDT	8,13	20,09
NMC 321785	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 96	NA	96	HUMBOLDT	8,13	20,09
NMC 321786	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 97	NA	97	HUMBOLDT	8,13	20,09
NMC 321787	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 98	NA	98	HUMBOLDT	8,13	20,09
NMC 321788	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 99	NA	99	HUMBOLDT	8,11	20,04
NMC 321789	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 100	NA	100	HUMBOLDT	8,13	20,08
NMC 321790	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 101	NA	101	HUMBOLDT	8,13	20,09
NMC 321791	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 102	NA	102	HUMBOLDT	8,13	20,09
NMC 321792	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 103	NA	103	HUMBOLDT	8,13	20,09
NMC 321793	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 104	NA	104	HUMBOLDT	8,13	20,09
NMC 321794	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 105	NA	105	HUMBOLDT	8,13	20,09
NMC 321795	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 106	NA	106	HUMBOLDT	8,13	20,09
NMC 321796	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 107	NA	107	HUMBOLDT	8,13	20,08
NMC 321797	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 108	NA	108	HUMBOLDT	8,13	20,09
NMC 321798	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 109	NA	109	HUMBOLDT	8,13	20,09
NMC 321799	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 110	NA	110	HUMBOLDT	8,13	20,09
NMC 321800	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 111	NA	111	HUMBOLDT	8,13	20,09
NMC 321801	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 112	NA	112	HUMBOLDT	8,13	20,09
NMC 321802	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 113	NA	113	HUMBOLDT	8,13	20,09
NMC 321803	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 115	NA	115	HUMBOLDT	8,13	20,08
NMC 321804	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 116	NA	116	HUMBOLDT	8,13	20,08
NMC 321805	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 117	NA	117	HUMBOLDT	8,13	20,09
NMC 321806	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 118	NA	118	HUMBOLDT	8,13	20,09
NMC 321807	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 119	NA	119	HUMBOLDT	8,13	20,09
NMC 321808	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 120	NA	120	HUMBOLDT	8,13	20,09
NMC 321809	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 121	NA	121	HUMBOLDT	8,13	20,09
NMC 321810	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 122	NA	122	HUMBOLDT	8,13	20,09
NMC 321811	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 123	NA	123	HUMBOLDT	8,11	20,04
NMC 321812	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 124	NA	124	HUMBOLDT	8,13	20,08
NMC 321813	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 125	NA	125	HUMBOLDT	8,13	20,09
NMC 321814	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 126	NA	126	HUMBOLDT	8,13	20,09
NMC 321815	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 127	NA	127	HUMBOLDT	8,13	20,09
NMC 321816	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 128	NA	128	HUMBOLDT	8,13	20,09
NMC 321817	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 129	NA	129	HUMBOLDT	8,13	20,09
NMC 321818	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 130	NA	130	HUMBOLDT	8,13	20,08
NMC 321819	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 131	NA	131	HUMBOLDT	8,13	20,08
NMC 321820	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 132	NA	132	HUMBOLDT	8,13	20,09
NMC 321821	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 133	NA	133	HUMBOLDT	8,13	20,09
NMC 321822	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 134	NA	134	HUMBOLDT	8,13	20,09
NMC 321823	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 135	NA	135	HUMBOLDT	8,13	20,09
NMC 321824	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 136	NA	136	HUMBOLDT	8,13	20,09
NMC 321825	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 137	NA	137	HUMBOLDT	8,13	20,09
NMC 321826	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 138	NA	138	HUMBOLDT	8,13	20,08
NMC 321827	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 139	NA	139	HUMBOLDT	8,12	20,06
NMC 321828	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 140	NA	140	HUMBOLDT	8,13	20,08
NMC 321829	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 141	NA	141	HUMBOLDT	8,13	20,09
NMC 321830	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 142	NA	142	HUMBOLDT	8,13	20,09
NMC 321831	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 143	NA	143	HUMBOLDT	8,13	20,09
NMC 321832	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 144	NA	144	HUMBOLDT	8,13	20,09
NMC 321833	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 145	NA	145	HUMBOLDT	8,13	20,09
NMC 321834	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 146	NA	146	HUMBOLDT	8,13	20,08
NMC 321835	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 147	NA	147	HUMBOLDT	8,13	20,08
NMC 321836	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 148	NA	148	HUMBOLDT	8,13	20,09
NMC 321837	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 149	NA	149	HUMBOLDT	8,13	20,09
NMC 321838	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 150	NA	150	HUMBOLDT	8,13	20,09
NMC 321839	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 151	NA	151	HUMBOLDT	8,13	20,09
NMC 321840	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 152	NA	152	HUMBOLDT	8,13	20,09
NMC 321841	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 153	NA	153	HUMBOLDT	8,13	20,09

SLEEPER PROJECT HUMBOLDT COUNTY, NEVADA USA
CLAIM LIST

BLM Serial Number	Entry_num	Original Owner	Current Owner	Claim Name	Claim	CLAIM NU	County	Aprox Area (Ha)	Aprox Area (Acre)
NMC 321842	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 154	NA	154	HUMBOLDT	8,13	20,08
NMC 321843	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 155	NA	155	HUMBOLDT	3,29	8,12
NMC 321844	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 156	NA	156	HUMBOLDT	5,98	14,77
NMC 321845	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 157	NA	157	HUMBOLDT	5,98	14,77
NMC 321846	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 158	NA	158	HUMBOLDT	8,15	20,15
NMC 321847	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 159	NA	159	HUMBOLDT	8,09	20,00
NMC 321854	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 165	NA	165	HUMBOLDT	8,13	20,09
NMC 321855	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 166	NA	166	HUMBOLDT	8,13	20,09
NMC 321856	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 167	NA	167	HUMBOLDT	8,13	20,08
NMC 321857	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 168	NA	168	HUMBOLDT	8,13	20,08
NMC 321858	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 169	NA	169	HUMBOLDT	8,16	20,17
NMC 321859	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 170	NA	170	HUMBOLDT	8,13	20,08
NMC 321860	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 171	NA	171	HUMBOLDT	8,13	20,08
NMC 321861	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 172	NA	172	HUMBOLDT	8,13	20,08
NMC 321862	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 173	NA	173	HUMBOLDT	8,16	20,17
NMC 321863	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 174	NA	174	HUMBOLDT	8,13	20,09
NMC 321864	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 175	NA	175	HUMBOLDT	8,13	20,08
NMC 321871	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 182	NA	182	HUMBOLDT	8,13	20,09
NMC 321872	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 183	NA	183	HUMBOLDT	8,13	20,09
NMC 321873	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 184	NA	184	HUMBOLDT	8,13	20,08
NMC 321874	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 185	NA	185	HUMBOLDT	8,14	20,12
NMC 321875	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 186	NA	186	HUMBOLDT	8,14	20,12
NMC 321876	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 187	NA	187	HUMBOLDT	8,13	20,08
NMC 321877	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 188	NA	188	HUMBOLDT	8,13	20,08
NMC 321878	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 189	NA	189	HUMBOLDT	8,13	20,09
NMC 321879	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 190	NA	190	HUMBOLDT	8,13	20,09
NMC 321880	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 191	NA	191	HUMBOLDT	8,13	20,08
NMC 321881	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 192	NA	192	HUMBOLDT	8,13	20,08
NMC 321882	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 193	NA	193	HUMBOLDT	8,13	20,08
NMC 321883	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 194	NA	194	HUMBOLDT	8,13	20,08
NMC 321884	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 195	NA	195	HUMBOLDT	8,13	20,08
NMC 321885	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 196	NA	196	HUMBOLDT	8,13	20,09
NMC 321886	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 197	NA	197	HUMBOLDT	8,13	20,09
NMC 321887	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 198	NA	198	HUMBOLDT	8,13	20,08
NMC 321888	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 199	NA	199	HUMBOLDT	8,13	20,08
NMC 321895	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 206	NA	206	HUMBOLDT	8,13	20,09
NMC 321896	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 207	NA	207	HUMBOLDT	8,13	20,09
NMC 321897	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 208	NA	208	HUMBOLDT	8,13	20,08
NMC 321898	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 209	NA	209	HUMBOLDT	8,13	20,09
NMC 321899	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 210	NA	210	HUMBOLDT	8,14	20,13
NMC 321900	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 211	NA	211	HUMBOLDT	8,14	20,12
NMC 321901	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 212	NA	212	HUMBOLDT	8,13	20,08
NMC 321902	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 213	NA	213	HUMBOLDT	8,13	20,09
NMC 321903	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 214	NA	214	HUMBOLDT	8,13	20,09
NMC 321904	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 215	NA	215	HUMBOLDT	8,13	20,08
NMC 321905	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 216	NA	216	HUMBOLDT	8,13	20,08
NMC 321906	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 217	NA	217	HUMBOLDT	8,13	20,08
NMC 321907	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 218	NA	218	HUMBOLDT	8,13	20,08
NMC 321908	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 219	NA	219	HUMBOLDT	8,13	20,08
NMC 321909	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 220	NA	220	HUMBOLDT	8,13	20,09
NMC 321910	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 221	NA	221	HUMBOLDT	8,13	20,09
NMC 321911	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 222	NA	222	HUMBOLDT	8,13	20,08
NMC 321912	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 223	NA	223	HUMBOLDT	8,13	20,08
NMC 321915	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 226	NA	226	HUMBOLDT	8,12	20,07
NMC 321916	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA 227	NA	227	HUMBOLDT	8,12	20,07
NMC 321848	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NA A 159	NA A	159	HUMBOLDT	8,10	20,01
NMC 75273	2315613	Leland L. York	Sleeper Mining Company LLC	NEW ALMA 0	NEW ALMA	0	HUMBOLDT	7,83	19,35
NMC 75277	2315613	Leland L. York	Sleeper Mining Company LLC	NEW EVENING	NEW EVENIN	0	HUMBOLDT	4,28	10,58
NMC 75275	2315613	Leland L. York	Sleeper Mining Company LLC	NEW MORNINC	NEW MORNII	0	HUMBOLDT	8,19	20,24
NMC 75276	2315613	Leland L. York	Sleeper Mining Company LLC	NEW MORNINC	NEW MORNII	0	HUMBOLDT	7,52	18,59
NMC 75278	2315613	Leland L. York	Sleeper Mining Company LLC	NEW SNOWST	NEW SNOWS	0	HUMBOLDT	8,36	20,66
NMC 75274	2315613	Leland L. York	Sleeper Mining Company LLC	NEW VIRGINIA	NEW VIRGIN	0	HUMBOLDT	8,30	20,51
NMC 251350	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NO DRY LAKE	NO DRY LAK	20	HUMBOLDT	64,75	160,00
NMC 251351	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NO DRY LAKE	NO DRY LAK	21	HUMBOLDT	64,75	160,00
NMC 251352	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NO DRY LAKE	NO DRY LAK	25	HUMBOLDT	64,75	160,00
NMC 251353	2315750	Amax Gold Inc	Sleeper Mining Company LLC	NO DRY LAKE	NO DRY LAK	28	HUMBOLDT	32,37	79,99
NMC 778341	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 104	PDSLP	104	HUMBOLDT	8,36	20,66
NMC 778342	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 106	PDSLP	106	HUMBOLDT	8,36	20,66
NMC 778343	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 108	PDSLP	108	HUMBOLDT	8,36	20,66
NMC 778344	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 110	PDSLP	110	HUMBOLDT	8,36	20,66
NMC 778346	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 112	PDSLP	112	HUMBOLDT	8,36	20,66
NMC 778348	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 114	PDSLP	114	HUMBOLDT	8,36	20,67
NMC 778350	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 116	PDSLP	116	HUMBOLDT	8,36	20,67
NMC 778352	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 118	PDSLP	118	HUMBOLDT	8,36	20,67
NMC 778354	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 120	PDSLP	120	HUMBOLDT	8,36	20,67
NMC 778356	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 122	PDSLP	122	HUMBOLDT	8,36	20,67
NMC 778358	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 124	PDSLP	124	HUMBOLDT	8,36	20,67
NMC 778360	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 126	PDSLP	126	HUMBOLDT	8,36	20,67
NMC 778362	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 128	PDSLP	128	HUMBOLDT	8,36	20,67
NMC 778364	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 130	PDSLP	130	HUMBOLDT	8,36	20,67
NMC 778366	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 132	PDSLP	132	HUMBOLDT	8,36	20,67
NMC 778368	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 134	PDSLP	134	HUMBOLDT	8,36	20,67
NMC 778370	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 136	PDSLP	136	HUMBOLDT	8,36	20,67

SLEEPER PROJECT HUMBOLDT COUNTY, NEVADA USA
CLAIM LIST

BLM Serial Number	Entry_num	Original Owner	Current Owner	Claim Name	Claim	CLAIM NU	County	Aprox Area (Ha)	Aprox Area (Acre)
NMC 778372	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 138	PDSLP	138	HUMBOLDT	8,36	20,67
NMC 778374	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 140	PDSLP	140	HUMBOLDT	8,36	20,67
NMC 778376	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 142	PDSLP	142	HUMBOLDT	8,36	20,67
NMC 778378	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 144	PDSLP	144	HUMBOLDT	8,36	20,67
NMC 778380	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 146	PDSLP	146	HUMBOLDT	8,36	20,67
NMC 778382	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 148	PDSLP	148	HUMBOLDT	8,36	20,67
NMC 778383	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 177	PDSLP	177	HUMBOLDT	8,36	20,66
NMC 778384	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 178	PDSLP	178	HUMBOLDT	8,36	20,66
NMC 778385	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 179	PDSLP	179	HUMBOLDT	8,36	20,66
NMC 778386	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 180	PDSLP	180	HUMBOLDT	8,36	20,66
NMC 778387	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 181	PDSLP	181	HUMBOLDT	8,36	20,66
NMC 778388	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 182	PDSLP	182	HUMBOLDT	8,36	20,66
NMC 778389	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 183	PDSLP	183	HUMBOLDT	8,36	20,67
NMC 778390	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 184	PDSLP	184	HUMBOLDT	8,36	20,66
NMC 778391	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 185	PDSLP	185	HUMBOLDT	8,36	20,66
NMC 778392	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 186	PDSLP	186	HUMBOLDT	8,36	20,66
NMC 778393	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 187	PDSLP	187	HUMBOLDT	8,36	20,66
NMC 778394	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 188	PDSLP	188	HUMBOLDT	8,36	20,66
NMC 778395	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 189	PDSLP	189	HUMBOLDT	8,37	20,67
NMC 778396	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 190	PDSLP	190	HUMBOLDT	8,36	20,66
NMC 778397	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 191	PDSLP	191	HUMBOLDT	8,37	20,67
NMC 778398	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 192	PDSLP	192	HUMBOLDT	8,37	20,68
NMC 778399	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 193	PDSLP	193	HUMBOLDT	8,36	20,67
NMC 778400	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 194	PDSLP	194	HUMBOLDT	8,37	20,68
NMC 778401	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 195	PDSLP	195	HUMBOLDT	8,36	20,67
NMC 778402	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 196	PDSLP	196	HUMBOLDT	8,37	20,67
NMC 778403	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 197	PDSLP	197	HUMBOLDT	8,36	20,67
NMC 778404	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 198	PDSLP	198	HUMBOLDT	8,37	20,67
NMC 778405	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 199	PDSLP	199	HUMBOLDT	8,36	20,67
NMC 778406	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 200	PDSLP	200	HUMBOLDT	8,37	20,67
NMC 778407	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 201	PDSLP	201	HUMBOLDT	8,36	20,67
NMC 778408	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 202	PDSLP	202	HUMBOLDT	8,37	20,67
NMC 778409	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 203	PDSLP	203	HUMBOLDT	8,36	20,67
NMC 778410	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 204	PDSLP	204	HUMBOLDT	8,37	20,67
NMC 778415	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 230	PDSLP	230	HUMBOLDT	8,36	20,66
NMC 778416	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 231	PDSLP	231	HUMBOLDT	8,36	20,66
NMC 778417	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 232	PDSLP	232	HUMBOLDT	8,36	20,66
NMC 778418	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 233	PDSLP	233	HUMBOLDT	8,36	20,66
NMC 778419	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 234	PDSLP	234	HUMBOLDT	8,36	20,66
NMC 778420	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 235	PDSLP	235	HUMBOLDT	8,36	20,66
NMC 778421	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 236	PDSLP	236	HUMBOLDT	8,36	20,66
NMC 778422	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 237	PDSLP	237	HUMBOLDT	8,36	20,66
NMC 778423	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 238	PDSLP	238	HUMBOLDT	8,36	20,66
NMC 778424	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 239	PDSLP	239	HUMBOLDT	8,36	20,66
NMC 778425	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 240	PDSLP	240	HUMBOLDT	8,36	20,66
NMC 778426	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 241	PDSLP	241	HUMBOLDT	8,36	20,66
NMC 778427	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 242	PDSLP	242	HUMBOLDT	8,36	20,66
NMC 778428	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 243	PDSLP	243	HUMBOLDT	8,36	20,66
NMC 778429	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 244	PDSLP	244	HUMBOLDT	8,36	20,66
NMC 778430	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 245	PDSLP	245	HUMBOLDT	8,36	20,66
NMC 778431	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 246	PDSLP	246	HUMBOLDT	8,36	20,66
NMC 778432	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 247	PDSLP	247	HUMBOLDT	8,36	20,66
NMC 778433	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 248	PDSLP	248	HUMBOLDT	8,36	20,66
NMC 778434	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 249	PDSLP	249	HUMBOLDT	8,37	20,68
NMC 778435	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 250	PDSLP	250	HUMBOLDT	8,36	20,66
NMC 778436	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 251	PDSLP	251	HUMBOLDT	8,37	20,68
NMC 778437	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 252	PDSLP	252	HUMBOLDT	8,37	20,68
NMC 778438	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 253	PDSLP	253	HUMBOLDT	8,36	20,66
NMC 778439	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 254	PDSLP	254	HUMBOLDT	8,37	20,67
NMC 778448	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 279	PDSLP	279	HUMBOLDT	8,36	20,67
NMC 778449	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 280	PDSLP	280	HUMBOLDT	8,36	20,67
NMC 778450	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 281	PDSLP	281	HUMBOLDT	8,36	20,67
NMC 778451	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 282	PDSLP	282	HUMBOLDT	8,36	20,67
NMC 778452	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 283	PDSLP	283	HUMBOLDT	8,36	20,67
NMC 778453	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 284	PDSLP	284	HUMBOLDT	8,36	20,67
NMC 778454	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 285	PDSLP	285	HUMBOLDT	8,36	20,67
NMC 778455	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 286	PDSLP	286	HUMBOLDT	8,36	20,67
NMC 778456	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 287	PDSLP	287	HUMBOLDT	8,36	20,67
NMC 778457	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 288	PDSLP	288	HUMBOLDT	8,36	20,67
NMC 778458	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 289	PDSLP	289	HUMBOLDT	8,36	20,67
NMC 778459	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 290	PDSLP	290	HUMBOLDT	8,36	20,67
NMC 778460	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 291	PDSLP	291	HUMBOLDT	8,36	20,67
NMC 778461	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 292	PDSLP	292	HUMBOLDT	8,36	20,67
NMC 778462	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 293	PDSLP	293	HUMBOLDT	8,36	20,67
NMC 778463	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 294	PDSLP	294	HUMBOLDT	8,36	20,67
NMC 778464	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 295	PDSLP	295	HUMBOLDT	8,36	20,67
NMC 778465	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 296	PDSLP	296	HUMBOLDT	8,36	20,67
NMC 778466	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 297	PDSLP	297	HUMBOLDT	8,36	20,67
NMC 778467	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 298	PDSLP	298	HUMBOLDT	8,36	20,67
NMC 778468	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 299	PDSLP	299	HUMBOLDT	8,36	20,67
NMC 778469	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 300	PDSLP	300	HUMBOLDT	8,36	20,67
NMC 778478	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 325	PDSLP	325	HUMBOLDT	8,36	20,67
NMC 778479	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 326	PDSLP	326	HUMBOLDT	8,36	20,66

SLEEPER PROJECT HUMBOLDT COUNTY, NEVADA USA
CLAIM LIST

BLM Serial Number	Entry_num	Original Owner	Current Owner	Claim Name	Claim	CLAIM NU	County	Aprox Area (Ha)	Aprox Area (Acre)
NMC 778480	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 327	PDSLP	327	HUMBOLDT	8,36	20,67
NMC 778481	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 328	PDSLP	328	HUMBOLDT	8,36	20,66
NMC 778482	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 329	PDSLP	329	HUMBOLDT	8,36	20,67
NMC 778483	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 330	PDSLP	330	HUMBOLDT	8,36	20,66
NMC 778484	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 331	PDSLP	331	HUMBOLDT	8,36	20,67
NMC 778485	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 332	PDSLP	332	HUMBOLDT	8,36	20,66
NMC 778486	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 333	PDSLP	333	HUMBOLDT	8,36	20,67
NMC 778487	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 334	PDSLP	334	HUMBOLDT	8,36	20,66
NMC 778488	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 335	PDSLP	335	HUMBOLDT	8,36	20,67
NMC 778489	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 336	PDSLP	336	HUMBOLDT	8,36	20,66
NMC 778490	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 337	PDSLP	337	HUMBOLDT	8,36	20,67
NMC 778491	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 338	PDSLP	338	HUMBOLDT	8,36	20,66
NMC 778492	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 339	PDSLP	339	HUMBOLDT	8,36	20,67
NMC 778493	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 340	PDSLP	340	HUMBOLDT	8,36	20,66
NMC 778494	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 341	PDSLP	341	HUMBOLDT	8,36	20,67
NMC 778495	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 342	PDSLP	342	HUMBOLDT	8,36	20,66
NMC 778496	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 343	PDSLP	343	HUMBOLDT	8,36	20,67
NMC 778497	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 344	PDSLP	344	HUMBOLDT	8,36	20,66
NMC 778506	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 369	PDSLP	369	HUMBOLDT	8,36	20,67
NMC 778507	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 370	PDSLP	370	HUMBOLDT	8,37	20,67
NMC 778508	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 371	PDSLP	371	HUMBOLDT	8,36	20,67
NMC 778509	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 372	PDSLP	372	HUMBOLDT	8,37	20,68
NMC 778510	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 373	PDSLP	373	HUMBOLDT	8,36	20,67
NMC 778511	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 374	PDSLP	374	HUMBOLDT	8,36	20,66
NMC 778512	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 375	PDSLP	375	HUMBOLDT	8,36	20,67
NMC 778513	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 376	PDSLP	376	HUMBOLDT	8,37	20,67
NMC 778514	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 377	PDSLP	377	HUMBOLDT	8,36	20,67
NMC 778515	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 378	PDSLP	378	HUMBOLDT	8,37	20,68
NMC 778516	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 379	PDSLP	379	HUMBOLDT	8,36	20,67
NMC 778517	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 380	PDSLP	380	HUMBOLDT	8,36	20,67
NMC 778518	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 381	PDSLP	381	HUMBOLDT	8,36	20,67
NMC 778519	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 382	PDSLP	382	HUMBOLDT	8,36	20,67
NMC 778520	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 383	PDSLP	383	HUMBOLDT	8,36	20,67
NMC 778521	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 384	PDSLP	384	HUMBOLDT	8,36	20,67
NMC 778530	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 409	PDSLP	409	HUMBOLDT	8,36	20,66
NMC 778531	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 410	PDSLP	410	HUMBOLDT	8,36	20,67
NMC 778532	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 411	PDSLP	411	HUMBOLDT	8,37	20,67
NMC 778533	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 412	PDSLP	412	HUMBOLDT	8,36	20,66
NMC 778534	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 413	PDSLP	413	HUMBOLDT	8,37	20,68
NMC 778535	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 414	PDSLP	414	HUMBOLDT	8,37	20,68
NMC 778536	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 415	PDSLP	415	HUMBOLDT	8,36	20,66
NMC 778537	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 416	PDSLP	416	HUMBOLDT	8,37	20,68
NMC 778538	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 417	PDSLP	417	HUMBOLDT	8,37	20,67
NMC 778539	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 418	PDSLP	418	HUMBOLDT	8,36	20,66
NMC 778540	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 419	PDSLP	419	HUMBOLDT	8,37	20,68
NMC 778541	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 420	PDSLP	420	HUMBOLDT	8,37	20,68
NMC 778542	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 421	PDSLP	421	HUMBOLDT	8,36	20,66
NMC 778543	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 422	PDSLP	422	HUMBOLDT	8,37	20,68
NMC 778552	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 439	PDSLP	439	HUMBOLDT	8,37	20,67
NMC 778553	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 440	PDSLP	440	HUMBOLDT	8,36	20,66
NMC 778554	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 441	PDSLP	441	HUMBOLDT	8,37	20,67
NMC 778555	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 442	PDSLP	442	HUMBOLDT	8,36	20,67
NMC 778556	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 443	PDSLP	443	HUMBOLDT	8,36	20,67
NMC 778557	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 444	PDSLP	444	HUMBOLDT	8,37	20,67
NMC 778558	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 445	PDSLP	445	HUMBOLDT	8,37	20,68
NMC 778559	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 446	PDSLP	446	HUMBOLDT	8,36	20,66
NMC 778560	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 447	PDSLP	447	HUMBOLDT	8,37	20,68
NMC 778561	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 448	PDSLP	448	HUMBOLDT	8,37	20,68
NMC 778562	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 449	PDSLP	449	HUMBOLDT	8,36	20,67
NMC 778563	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 450	PDSLP	450	HUMBOLDT	8,37	20,68
NMC 778564	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 451	PDSLP	451	HUMBOLDT	8,37	20,68
NMC 778565	2331094	Placer Dome US	Sleeper Mining Company LLC	PDSLP 452	PDSLP	452	HUMBOLDT	8,36	20,66
NMC 340619	2315613	Leland L. York	Sleeper Mining Company LLC	RR 2	RR	2	HUMBOLDT	8,36	20,66
NMC 340630	2315613	Leland L. York	Sleeper Mining Company LLC	RR 13	RR	13	HUMBOLDT	8,36	20,66
NMC 340641	2315613	Leland L. York	Sleeper Mining Company LLC	RR 24	RR	24	HUMBOLDT	8,36	20,66
NMC 340643	2315613	Leland L. York	Sleeper Mining Company LLC	RR 26	RR	26	HUMBOLDT	8,36	20,66
NMC 340645	2315613	Leland L. York	Sleeper Mining Company LLC	RR 28	RR	28	HUMBOLDT	8,36	20,66
NMC 340652	2315613	Leland L. York	Sleeper Mining Company LLC	RR 35	RR	35	HUMBOLDT	8,36	20,66
NMC 340654	2315613	Leland L. York	Sleeper Mining Company LLC	RR 37	RR	37	HUMBOLDT	8,36	20,66
NMC 340655	2315613	Leland L. York	Sleeper Mining Company LLC	RR 38	RR	38	HUMBOLDT	8,36	20,66
NMC 340656	2315613	Leland L. York	Sleeper Mining Company LLC	RR 39	RR	39	HUMBOLDT	8,36	20,66
NMC 340657	2315613	Leland L. York	Sleeper Mining Company LLC	RR 40	RR	40	HUMBOLDT	8,36	20,67
NMC 789774	739444	X-Cal Resources	Sleeper Mining Company LLC	SK 1	SK	1	HUMBOLDT	8,36	20,66
NMC 789775	739444	X-Cal Resources	Sleeper Mining Company LLC	SK 2	SK	2	HUMBOLDT	8,36	20,66
NMC 789776	739444	X-Cal Resources	Sleeper Mining Company LLC	SK 3	SK	3	HUMBOLDT	8,36	20,66
NMC 789777	739444	X-Cal Resources	Sleeper Mining Company LLC	SK 4	SK	4	HUMBOLDT	8,36	20,66
NMC 789778	739444	X-Cal Resources	Sleeper Mining Company LLC	SK 5	SK	5	HUMBOLDT	8,36	20,66
NMC 789779	739444	X-Cal Resources	Sleeper Mining Company LLC	SK 6	SK	6	HUMBOLDT	8,36	20,66
NMC 789780	739444	X-Cal Resources	Sleeper Mining Company LLC	SK 7	SK	7	HUMBOLDT	8,36	20,66
NMC 789781	739444	X-Cal Resources	Sleeper Mining Company LLC	SK 8	SK	8	HUMBOLDT	8,36	20,66
NMC 789782	739444	X-Cal Resources	Sleeper Mining Company LLC	SK 9	SK	9	HUMBOLDT	8,36	20,66
NMC 789783	739444	X-Cal Resources	Sleeper Mining Company LLC	SK 14	SK	14	HUMBOLDT	8,36	20,66
NMC 789784	739444	X-Cal Resources	Sleeper Mining Company LLC	SK 15	SK	15	HUMBOLDT	8,36	20,66

SLEEPER PROJECT HUMBOLDT COUNTY, NEVADA USA
CLAIM LIST

BLM Serial Number	Entry_num	Original Owner	Current Owner	Claim Name	Claim	CLAIM NU	County	Aprox Area (Ha)	Aprox Area (Acre)
NMC 789785	739444	X-Cal Resources	Sleeper Mining Company LLC	SK 16	SK	16	HUMBOLDT	8,36	20,66
NMC 789786	739444	X-Cal Resources	Sleeper Mining Company LLC	SK 17	SK	17	HUMBOLDT	8,36	20,66
NMC 789787	739444	X-Cal Resources	Sleeper Mining Company LLC	SK 18	SK	18	HUMBOLDT	8,36	20,66
NMC 789788	739444	X-Cal Resources	Sleeper Mining Company LLC	SK 19	SK	19	HUMBOLDT	8,36	20,66
NMC 789790	739444	X-Cal Resources	Sleeper Mining Company LLC	SK 21	SK	21	HUMBOLDT	8,36	20,66
NMC 789792	739444	X-Cal Resources	Sleeper Mining Company LLC	SK 23	SK	23	HUMBOLDT	8,36	20,66
NMC 789794	739444	X-Cal Resources	Sleeper Mining Company LLC	SK 25	SK	25	HUMBOLDT	8,36	20,66
NMC 789796	739444	X-Cal Resources	Sleeper Mining Company LLC	SK 27	SK	27	HUMBOLDT	8,36	20,66
NMC 250715	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 1	SLEEPER	1	HUMBOLDT	8,17	20,18
NMC 250716	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 2	SLEEPER	2	HUMBOLDT	8,17	20,18
NMC 250717	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 3	SLEEPER	3	HUMBOLDT	8,17	20,18
NMC 250718	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 4	SLEEPER	4	HUMBOLDT	8,17	20,18
NMC 250719	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 5	SLEEPER	5	HUMBOLDT	8,17	20,18
NMC 250720	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 6	SLEEPER	6	HUMBOLDT	8,17	20,18
NMC 250721	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 7	SLEEPER	7	HUMBOLDT	8,17	20,18
NMC 250722	739458	Sleeper Mining Co. LLC	Sleeper Mining Company LLC	SLEEPER 8	SLEEPER	8	HUMBOLDT	8,17	20,18
NMC 250723	739458	Sleeper Mining Co. LLC	Sleeper Mining Company LLC	SLEEPER 9	SLEEPER	9	HUMBOLDT	8,17	20,18
NMC 250724	739458	Sleeper Mining Co. LLC	Sleeper Mining Company LLC	SLEEPER 10	SLEEPER	10	HUMBOLDT	8,17	20,18
NMC 250725	739458	Sleeper Mining Co. LLC	Sleeper Mining Company LLC	SLEEPER 11	SLEEPER	11	HUMBOLDT	8,17	20,18
NMC 250726	739458	Sleeper Mining Co. LLC	Sleeper Mining Company LLC	SLEEPER 12	SLEEPER	12	HUMBOLDT	8,17	20,18
NMC 250727	739458	Sleeper Mining Co. LLC	Sleeper Mining Company LLC	SLEEPER 13	SLEEPER	13	HUMBOLDT	8,17	20,18
NMC 250728	739458	Sleeper Mining Co. LLC	Sleeper Mining Company LLC	SLEEPER 14	SLEEPER	14	HUMBOLDT	8,17	20,18
NMC 250729	739458	Sleeper Mining Co. LLC	Sleeper Mining Company LLC	SLEEPER 15	SLEEPER	15	HUMBOLDT	8,17	20,18
NMC 250730	739458	Sleeper Mining Co. LLC	Sleeper Mining Company LLC	SLEEPER 16	SLEEPER	16	HUMBOLDT	8,17	20,18
NMC 250731	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 17	SLEEPER	17	HUMBOLDT	8,17	20,18
NMC 250732	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 18	SLEEPER	18	HUMBOLDT	8,17	20,18
NMC 250733	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 19	SLEEPER	19	HUMBOLDT	8,17	20,18
NMC 250734	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 20	SLEEPER	20	HUMBOLDT	8,17	20,18
NMC 250735	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 21	SLEEPER	21	HUMBOLDT	8,17	20,18
NMC 250736	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 22	SLEEPER	22	HUMBOLDT	8,17	20,18
NMC 250737	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 23	SLEEPER	23	HUMBOLDT	8,17	20,18
NMC 250738	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 24	SLEEPER	24	HUMBOLDT	8,17	20,18
NMC 250739	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 25	SLEEPER	25	HUMBOLDT	8,17	20,18
NMC 250740	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 26	SLEEPER	26	HUMBOLDT	8,16	20,18
NMC 250741	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 27	SLEEPER	27	HUMBOLDT	8,17	20,18
NMC 250742	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 28	SLEEPER	28	HUMBOLDT	8,17	20,18
NMC 250743	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 29	SLEEPER	29	HUMBOLDT	8,17	20,18
NMC 250744	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 30	SLEEPER	30	HUMBOLDT	8,17	20,18
NMC 250745	739458	Sleeper Mining Co. LLC	Sleeper Mining Company LLC	SLEEPER 31	SLEEPER	31	HUMBOLDT	8,17	20,18
NMC 250746	739458	Sleeper Mining Co. LLC	Sleeper Mining Company LLC	SLEEPER 32	SLEEPER	32	HUMBOLDT	8,17	20,18
NMC 250747	739458	Sleeper Mining Co. LLC	Sleeper Mining Company LLC	SLEEPER 33	SLEEPER	33	HUMBOLDT	8,17	20,18
NMC 250748	739458	Sleeper Mining Co. LLC	Sleeper Mining Company LLC	SLEEPER 34	SLEEPER	34	HUMBOLDT	8,17	20,18
NMC 250749	739458	Sleeper Mining Co. LLC	Sleeper Mining Company LLC	SLEEPER 35	SLEEPER	35	HUMBOLDT	8,17	20,18
NMC 250750	739458	Sleeper Mining Co. LLC	Sleeper Mining Company LLC	SLEEPER 36	SLEEPER	36	HUMBOLDT	8,17	20,18
NMC 250751	739458	Sleeper Mining Co. LLC	Sleeper Mining Company LLC	SLEEPER 37	SLEEPER	37	HUMBOLDT	8,17	20,18
NMC 250752	739458	Sleeper Mining Co. LLC	Sleeper Mining Company LLC	SLEEPER 38	SLEEPER	38	HUMBOLDT	8,17	20,18
NMC 250753	739458	Sleeper Mining Co. LLC	Sleeper Mining Company LLC	SLEEPER 39	SLEEPER	39	HUMBOLDT	8,17	20,18
NMC 250754	739458	Sleeper Mining Co. LLC	Sleeper Mining Company LLC	SLEEPER 40	SLEEPER	40	HUMBOLDT	8,17	20,18
NMC 250755	739458	Sleeper Mining Co. LLC	Sleeper Mining Company LLC	SLEEPER 41	SLEEPER	41	HUMBOLDT	8,17	20,18
NMC 250756	739458	Sleeper Mining Co. LLC	Sleeper Mining Company LLC	SLEEPER 42	SLEEPER	42	HUMBOLDT	8,17	20,18
NMC 250757	739458	Sleeper Mining Co. LLC	Sleeper Mining Company LLC	SLEEPER 43	SLEEPER	43	HUMBOLDT	8,17	20,18
NMC 250758	739458	Sleeper Mining Co. LLC	Sleeper Mining Company LLC	SLEEPER 44	SLEEPER	44	HUMBOLDT	8,17	20,18
NMC 250759	739458	Sleeper Mining Co. LLC	Sleeper Mining Company LLC	SLEEPER 45	SLEEPER	45	HUMBOLDT	8,17	20,18
NMC 250760	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 46	SLEEPER	46	HUMBOLDT	8,17	20,18
NMC 250761	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 47	SLEEPER	47	HUMBOLDT	8,17	20,18
NMC 250762	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 48	SLEEPER	48	HUMBOLDT	8,16	20,17
NMC 250763	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 49	SLEEPER	49	HUMBOLDT	8,17	20,18
NMC 250764	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 50	SLEEPER	50	HUMBOLDT	8,16	20,17
NMC 250765	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 51	SLEEPER	51	HUMBOLDT	8,16	20,17
NMC 250766	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 52	SLEEPER	52	HUMBOLDT	8,17	20,18
NMC 250767	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 53	SLEEPER	53	HUMBOLDT	8,17	20,18
NMC 250768	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 54	SLEEPER	54	HUMBOLDT	8,17	20,18
NMC 250769	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 55	SLEEPER	55	HUMBOLDT	8,17	20,18
NMC 250770	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 56	SLEEPER	56	HUMBOLDT	8,16	20,18
NMC 250771	739458	Sleeper Mining Co. LLC	Sleeper Mining Company LLC	SLEEPER 57	SLEEPER	57	HUMBOLDT	8,17	20,18
NMC 250772	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 58	SLEEPER	58	HUMBOLDT	8,16	20,17
NMC 250773	739458	Sleeper Mining Co. LLC	Sleeper Mining Company LLC	SLEEPER 59	SLEEPER	59	HUMBOLDT	8,17	20,18
NMC 250774	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 60	SLEEPER	60	HUMBOLDT	8,16	20,18
NMC 250775	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 61	SLEEPER	61	HUMBOLDT	8,17	20,18
NMC 250776	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 62	SLEEPER	62	HUMBOLDT	8,16	20,18
NMC 250777	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 63	SLEEPER	63	HUMBOLDT	8,17	20,18
NMC 250778	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 64	SLEEPER	64	HUMBOLDT	8,16	20,18
NMC 250779	739458	Sleeper Mining Co. LLC	Sleeper Mining Company LLC	SLEEPER 65	SLEEPER	65	HUMBOLDT	8,17	20,18
NMC 250780	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 66	SLEEPER	66	HUMBOLDT	8,16	20,18
NMC 250781	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 67	SLEEPER	67	HUMBOLDT	8,17	20,18
NMC 250782	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 68	SLEEPER	68	HUMBOLDT	8,16	20,18
NMC 250783	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 69	SLEEPER	69	HUMBOLDT	8,17	20,18
NMC 250784	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 70	SLEEPER	70	HUMBOLDT	8,16	20,18
NMC 250785	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 71	SLEEPER	71	HUMBOLDT	8,17	20,18
NMC 250786	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 72	SLEEPER	72	HUMBOLDT	8,16	20,18
NMC 250787	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 73	SLEEPER	73	HUMBOLDT	8,17	20,18
NMC 250788	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 74	SLEEPER	74	HUMBOLDT	8,16	20,18
NMC 250789	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 75	SLEEPER	75	HUMBOLDT	8,17	20,18

SLEEPER PROJECT HUMBOLDT COUNTY, NEVADA USA
CLAIM LIST

BLM Serial Number	Entry_num	Original Owner	Current Owner	Claim Name	Claim	CLAIM NU	County	Aprox Area (Ha)	Aprox Area (Acre)
NMC 250790	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 76	SLEEPER	76	HUMBOLDT	8,16	20,18
NMC 250791	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 77	SLEEPER	77	HUMBOLDT	8,17	20,18
NMC 250792	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 78	SLEEPER	78	HUMBOLDT	8,17	20,18
NMC 250793	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 79	SLEEPER	79	HUMBOLDT	8,17	20,18
NMC 250794	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 80	SLEEPER	80	HUMBOLDT	8,17	20,18
NMC 250795	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 81	SLEEPER	81	HUMBOLDT	8,17	20,18
NMC 250796	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 82	SLEEPER	82	HUMBOLDT	8,17	20,18
NMC 250797	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 83	SLEEPER	83	HUMBOLDT	8,17	20,18
NMC 250798	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 84	SLEEPER	84	HUMBOLDT	8,17	20,18
NMC 250799	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 85	SLEEPER	85	HUMBOLDT	8,17	20,18
NMC 250800	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 86	SLEEPER	86	HUMBOLDT	8,17	20,18
NMC 250801	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 87	SLEEPER	87	HUMBOLDT	8,17	20,18
NMC 322017	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 88	SLEEPER	88	HUMBOLDT	8,36	20,66
NMC 322018	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 89	SLEEPER	89	HUMBOLDT	8,36	20,66
NMC 322019	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 90	SLEEPER	90	HUMBOLDT	8,36	20,66
NMC 322020	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 91	SLEEPER	91	HUMBOLDT	8,36	20,66
NMC 322021	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 92	SLEEPER	92	HUMBOLDT	8,36	20,66
NMC 322022	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 93	SLEEPER	93	HUMBOLDT	8,36	20,66
NMC 322023	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 94	SLEEPER	94	HUMBOLDT	8,36	20,66
NMC 322024	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 95	SLEEPER	95	HUMBOLDT	8,36	20,66
NMC 322025	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 96	SLEEPER	96	HUMBOLDT	8,36	20,66
NMC 322026	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 97	SLEEPER	97	HUMBOLDT	8,36	20,66
NMC 322027	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 98	SLEEPER	98	HUMBOLDT	8,36	20,66
NMC 322028	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 99	SLEEPER	99	HUMBOLDT	8,36	20,66
NMC 322029	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 100	SLEEPER	100	HUMBOLDT	8,36	20,66
NMC 322030	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 101	SLEEPER	101	HUMBOLDT	8,36	20,66
NMC 322031	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 102	SLEEPER	102	HUMBOLDT	8,36	20,66
NMC 322032	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 103	SLEEPER	103	HUMBOLDT	8,36	20,66
NMC 322033	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 104	SLEEPER	104	HUMBOLDT	8,36	20,66
NMC 322034	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 105	SLEEPER	105	HUMBOLDT	8,36	20,66
NMC 322035	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 106	SLEEPER	106	HUMBOLDT	8,36	20,66
NMC 322036	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 107	SLEEPER	107	HUMBOLDT	8,36	20,66
NMC 322037	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 108	SLEEPER	108	HUMBOLDT	8,36	20,66
NMC 322038	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 109	SLEEPER	109	HUMBOLDT	8,36	20,66
NMC 322039	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 110	SLEEPER	110	HUMBOLDT	8,36	20,66
NMC 322040	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 111	SLEEPER	111	HUMBOLDT	8,36	20,66
NMC 322041	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 112	SLEEPER	112	HUMBOLDT	8,36	20,66
NMC 322042	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 113	SLEEPER	113	HUMBOLDT	8,36	20,66
NMC 322043	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 114	SLEEPER	114	HUMBOLDT	8,36	20,66
NMC 322044	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 115	SLEEPER	115	HUMBOLDT	8,36	20,66
NMC 322045	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 116	SLEEPER	116	HUMBOLDT	8,36	20,66
NMC 322046	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 117	SLEEPER	117	HUMBOLDT	8,36	20,66
NMC 322047	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 118	SLEEPER	118	HUMBOLDT	8,36	20,66
NMC 322048	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 119	SLEEPER	119	HUMBOLDT	8,36	20,66
NMC 322049	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 120	SLEEPER	120	HUMBOLDT	8,36	20,66
NMC 322050	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 121	SLEEPER	121	HUMBOLDT	8,36	20,66
NMC 322051	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 122	SLEEPER	122	HUMBOLDT	8,36	20,66
NMC 322052	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 123	SLEEPER	123	HUMBOLDT	8,36	20,66
NMC 322053	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 124	SLEEPER	124	HUMBOLDT	8,36	20,66
NMC 322054	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 125	SLEEPER	125	HUMBOLDT	8,36	20,66
NMC 322055	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 126	SLEEPER	126	HUMBOLDT	8,36	20,66
NMC 322056	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 127	SLEEPER	127	HUMBOLDT	8,36	20,66
NMC 322057	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 128	SLEEPER	128	HUMBOLDT	8,36	20,66
NMC 322058	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 129	SLEEPER	129	HUMBOLDT	8,36	20,66
NMC 322059	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 130	SLEEPER	130	HUMBOLDT	8,36	20,66
NMC 322060	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 131	SLEEPER	131	HUMBOLDT	8,36	20,66
NMC 322061	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 132	SLEEPER	132	HUMBOLDT	8,36	20,66
NMC 322062	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 133	SLEEPER	133	HUMBOLDT	8,36	20,66
NMC 322063	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 134	SLEEPER	134	HUMBOLDT	8,36	20,66
NMC 322064	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 135	SLEEPER	135	HUMBOLDT	8,36	20,66
NMC 322065	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 136	SLEEPER	136	HUMBOLDT	8,36	20,66
NMC 322066	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 137	SLEEPER	137	HUMBOLDT	8,36	20,66
NMC 322067	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 138	SLEEPER	138	HUMBOLDT	8,36	20,66
NMC 322068	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 139	SLEEPER	139	HUMBOLDT	8,36	20,66
NMC 322069	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 140	SLEEPER	140	HUMBOLDT	8,36	20,66
NMC 322070	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 141	SLEEPER	141	HUMBOLDT	8,36	20,66
NMC 322071	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 142	SLEEPER	142	HUMBOLDT	8,36	20,66
NMC 322072	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 143	SLEEPER	143	HUMBOLDT	8,36	20,66
NMC 322073	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 144	SLEEPER	144	HUMBOLDT	8,36	20,66
NMC 322074	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 145	SLEEPER	145	HUMBOLDT	8,36	20,66
NMC 322075	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 146	SLEEPER	146	HUMBOLDT	8,36	20,66
NMC 322076	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 147	SLEEPER	147	HUMBOLDT	8,36	20,66
NMC 322077	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 148	SLEEPER	148	HUMBOLDT	8,36	20,67
NMC 322078	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 149	SLEEPER	149	HUMBOLDT	8,36	20,67
NMC 322079	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 150	SLEEPER	150	HUMBOLDT	8,36	20,67
NMC 322080	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 151	SLEEPER	151	HUMBOLDT	8,36	20,67
NMC 322081	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 152	SLEEPER	152	HUMBOLDT	8,36	20,67
NMC 322082	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 153	SLEEPER	153	HUMBOLDT	8,36	20,67
NMC 322083	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 154	SLEEPER	154	HUMBOLDT	8,36	20,67
NMC 322084	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 155	SLEEPER	155	HUMBOLDT	8,36	20,67
NMC 322085	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 156	SLEEPER	156	HUMBOLDT	8,36	20,67
NMC 322086	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 157	SLEEPER	157	HUMBOLDT	8,36	20,67
NMC 322087	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 158	SLEEPER	158	HUMBOLDT	8,36	20,67

SLEEPER PROJECT HUMBOLDT COUNTY, NEVADA USA
CLAIM LIST

BLM Serial Number	Entry_num	Original Owner	Current Owner	Claim Name	Claim	CLAIM NU	County	Aprox Area (Ha)	Aprox Area (Acre)
NMC 322088	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 159	SLEEPER	159	HUMBOLDT	8,36	20,67
NMC 322089	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 160	SLEEPER	160	HUMBOLDT	8,36	20,67
NMC 322090	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 161	SLEEPER	161	HUMBOLDT	8,36	20,67
NMC 322091	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 162	SLEEPER	162	HUMBOLDT	8,36	20,67
NMC 322092	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 163	SLEEPER	163	HUMBOLDT	8,36	20,67
NMC 322093	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 164	SLEEPER	164	HUMBOLDT	8,36	20,67
NMC 322094	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 165	SLEEPER	165	HUMBOLDT	8,17	20,18
NMC 322095	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 166	SLEEPER	166	HUMBOLDT	8,17	20,18
NMC 322096	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 167	SLEEPER	167	HUMBOLDT	8,17	20,18
NMC 322097	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 168	SLEEPER	168	HUMBOLDT	8,17	20,18
NMC 322098	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 169	SLEEPER	169	HUMBOLDT	8,17	20,18
NMC 322099	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 170	SLEEPER	170	HUMBOLDT	8,17	20,18
NMC 322100	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 171	SLEEPER	171	HUMBOLDT	8,17	20,18
NMC 322101	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 172	SLEEPER	172	HUMBOLDT	8,17	20,18
NMC 322102	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 173	SLEEPER	173	HUMBOLDT	8,17	20,18
NMC 322103	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 174	SLEEPER	174	HUMBOLDT	8,17	20,18
NMC 322104	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 175	SLEEPER	175	HUMBOLDT	8,17	20,18
NMC 322105	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 176	SLEEPER	176	HUMBOLDT	8,17	20,18
NMC 322106	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 177	SLEEPER	177	HUMBOLDT	8,17	20,18
NMC 322107	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 178	SLEEPER	178	HUMBOLDT	8,17	20,18
NMC 322108	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 179	SLEEPER	179	HUMBOLDT	8,17	20,18
NMC 322109	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 180	SLEEPER	180	HUMBOLDT	8,16	20,18
NMC 322110	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 181	SLEEPER	181	HUMBOLDT	8,16	20,18
NMC 322111	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 182	SLEEPER	182	HUMBOLDT	8,17	20,18
NMC 322112	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 183	SLEEPER	183	HUMBOLDT	8,17	20,19
NMC 322113	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 184	SLEEPER	184	HUMBOLDT	8,17	20,19
NMC 322114	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 185	SLEEPER	185	HUMBOLDT	8,17	20,19
NMC 322115	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 186	SLEEPER	186	HUMBOLDT	8,17	20,19
NMC 322116	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 187	SLEEPER	187	HUMBOLDT	8,17	20,18
NMC 322117	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 188	SLEEPER	188	HUMBOLDT	8,17	20,18
NMC 322118	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 189	SLEEPER	189	HUMBOLDT	8,17	20,18
NMC 322119	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 190	SLEEPER	190	HUMBOLDT	8,17	20,18
NMC 322120	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 191	SLEEPER	191	HUMBOLDT	8,17	20,18
NMC 322121	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 192	SLEEPER	192	HUMBOLDT	8,17	20,19
NMC 322122	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 193	SLEEPER	193	HUMBOLDT	8,17	20,19
NMC 322123	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 194	SLEEPER	194	HUMBOLDT	8,17	20,19
NMC 322124	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 195	SLEEPER	195	HUMBOLDT	8,17	20,18
NMC 322125	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 196	SLEEPER	196	HUMBOLDT	8,17	20,18
NMC 322126	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 197	SLEEPER	197	HUMBOLDT	8,17	20,18
NMC 322127	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 198	SLEEPER	198	HUMBOLDT	8,17	20,18
NMC 322128	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 199	SLEEPER	199	HUMBOLDT	8,17	20,18
NMC 322129	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 200	SLEEPER	200	HUMBOLDT	8,17	20,18
NMC 322130	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 201	SLEEPER	201	HUMBOLDT	8,17	20,18
NMC 322131	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 202	SLEEPER	202	HUMBOLDT	8,17	20,18
NMC 322132	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 203	SLEEPER	203	HUMBOLDT	8,17	20,18
NMC 322133	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 204	SLEEPER	204	HUMBOLDT	8,17	20,19
NMC 322134	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 205	SLEEPER	205	HUMBOLDT	8,17	20,19
NMC 322135	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 206	SLEEPER	206	HUMBOLDT	8,17	20,19
NMC 322136	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 207	SLEEPER	207	HUMBOLDT	8,17	20,18
NMC 322137	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 208	SLEEPER	208	HUMBOLDT	8,17	20,18
NMC 322138	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 209	SLEEPER	209	HUMBOLDT	8,17	20,18
NMC 322139	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 210	SLEEPER	210	HUMBOLDT	8,17	20,18
NMC 405562	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 312	SLEEPER	312	HUMBOLDT	8,17	20,18
NMC 405567	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 317	SLEEPER	317	HUMBOLDT	8,17	20,18
NMC 405568	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 318	SLEEPER	318	HUMBOLDT	8,17	20,18
NMC 405569	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 319	SLEEPER	319	HUMBOLDT	8,17	20,18
NMC 405570	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 320	SLEEPER	320	HUMBOLDT	8,17	20,18
NMC 405571	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 321	SLEEPER	321	HUMBOLDT	8,17	20,19
NMC 405576	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 326	SLEEPER	326	HUMBOLDT	8,17	20,18
NMC 405577	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 327	SLEEPER	327	HUMBOLDT	8,17	20,18
NMC 405578	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 328	SLEEPER	328	HUMBOLDT	8,17	20,18
NMC 405579	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 329	SLEEPER	329	HUMBOLDT	8,17	20,18
NMC 405580	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 330	SLEEPER	330	HUMBOLDT	8,17	20,18
NMC 405585	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 335	SLEEPER	335	HUMBOLDT	8,17	20,18
NMC 405586	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 336	SLEEPER	336	HUMBOLDT	8,17	20,18
NMC 405587	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 337	SLEEPER	337	HUMBOLDT	8,17	20,18
NMC 405588	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 338	SLEEPER	338	HUMBOLDT	8,17	20,18
NMC 405589	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 339	SLEEPER	339	HUMBOLDT	8,17	20,18
NMC 405593	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 343	SLEEPER	343	HUMBOLDT	8,17	20,19
NMC 405594	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 344	SLEEPER	344	HUMBOLDT	8,17	20,18
NMC 405595	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 345	SLEEPER	345	HUMBOLDT	8,17	20,19
NMC 405596	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 346	SLEEPER	346	HUMBOLDT	8,17	20,19
NMC 405597	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 347	SLEEPER	347	HUMBOLDT	8,17	20,19
NMC 405598	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 348	SLEEPER	348	HUMBOLDT	8,17	20,18
NMC 405599	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 349	SLEEPER	349	HUMBOLDT	8,17	20,18
NMC 405600	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 350	SLEEPER	350	HUMBOLDT	8,17	20,19
NMC 405601	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 351	SLEEPER	351	HUMBOLDT	8,17	20,18
NMC 405602	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 352	SLEEPER	352	HUMBOLDT	8,17	20,19
NMC 405603	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 353	SLEEPER	353	HUMBOLDT	8,17	20,18
NMC 405604	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 354	SLEEPER	354	HUMBOLDT	8,17	20,18
NMC 405605	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 355	SLEEPER	355	HUMBOLDT	8,17	20,19
NMC 405606	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 356	SLEEPER	356	HUMBOLDT	8,17	20,18
NMC 405607	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 357	SLEEPER	357	HUMBOLDT	8,17	20,18

SLEEPER PROJECT HUMBOLDT COUNTY, NEVADA USA
CLAIM LIST

BLM Serial Number	Entry_num	Original Owner	Current Owner	Claim Name	Claim	CLAIM NU	County	Aprox Area (Ha)	Aprox Area (Acre)
NMC 405608	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 358	SLEEPER	358	HUMBOLDT	8,17	20,18
NMC 405609	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 359	SLEEPER	359	HUMBOLDT	8,17	20,18
NMC 405610	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 360	SLEEPER	360	HUMBOLDT	8,17	20,18
NMC 405611	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 361	SLEEPER	361	HUMBOLDT	8,17	20,18
NMC 405612	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 362	SLEEPER	362	HUMBOLDT	8,17	20,19
NMC 405613	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 363	SLEEPER	363	HUMBOLDT	8,17	20,19
NMC 405614	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 364	SLEEPER	364	HUMBOLDT	8,17	20,19
NMC 405615	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 365	SLEEPER	365	HUMBOLDT	8,17	20,18
NMC 405616	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 366	SLEEPER	366	HUMBOLDT	8,17	20,19
NMC 405617	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 367	SLEEPER	367	HUMBOLDT	8,17	20,19
NMC 405618	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 368	SLEEPER	368	HUMBOLDT	8,17	20,18
NMC 405619	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 369	SLEEPER	369	HUMBOLDT	8,17	20,19
NMC 405620	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 370	SLEEPER	370	HUMBOLDT	8,17	20,18
NMC 405621	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 371	SLEEPER	371	HUMBOLDT	8,17	20,18
NMC 405622	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 372	SLEEPER	372	HUMBOLDT	8,17	20,18
NMC 405623	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 373	SLEEPER	373	HUMBOLDT	8,17	20,19
NMC 405624	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 374	SLEEPER	374	HUMBOLDT	8,17	20,18
NMC 405625	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 375	SLEEPER	375	HUMBOLDT	8,17	20,18
NMC 405626	2315750	Amax Gold Inc	Sleeper Mining Company LLC	SLEEPER 376	SLEEPER	376	HUMBOLDT	8,17	20,18
NMC 909185	0	Sleeper Mining Company LLC	Sleeper Mining Company LLC	SSG 1	SSG	1	HUMBOLDT	8,36	20,66
NMC 909186	0	Sleeper Mining Company LLC	Sleeper Mining Company LLC	SSG 2	SSG	2	HUMBOLDT	8,36	20,66
NMC 909187	0	Sleeper Mining Company LLC	Sleeper Mining Company LLC	SSG 3	SSG	3	HUMBOLDT	8,36	20,66
NMC 909188	0	Sleeper Mining Company LLC	Sleeper Mining Company LLC	SSG 4	SSG	4	HUMBOLDT	8,36	20,66
NMC 909189	0	Sleeper Mining Company LLC	Sleeper Mining Company LLC	SSG 5	SSG	5	HUMBOLDT	8,36	20,66
NMC 909190	0	Sleeper Mining Company LLC	Sleeper Mining Company LLC	SSG 6	SSG	6	HUMBOLDT	8,36	20,66
NMC 909191	0	Sleeper Mining Company LLC	Sleeper Mining Company LLC	SSG 7	SSG	7	HUMBOLDT	8,36	20,66
NMC 909192	0	Sleeper Mining Company LLC	Sleeper Mining Company LLC	SSG 8	SSG	8	HUMBOLDT	8,36	20,66
NMC 909193	0	Sleeper Mining Company LLC	Sleeper Mining Company LLC	SSG 9	SSG	9	HUMBOLDT	8,36	20,66
NMC 909194	0	Sleeper Mining Company LLC	Sleeper Mining Company LLC	SSG 10	SSG	10	HUMBOLDT	8,36	20,66
NMC 909195	0	Sleeper Mining Company LLC	Sleeper Mining Company LLC	SSG 11	SSG	11	HUMBOLDT	8,36	20,66
NMC 909196	0	Sleeper Mining Company LLC	Sleeper Mining Company LLC	SSG 12	SSG	12	HUMBOLDT	8,36	20,66
NMC 909197	0	Sleeper Mining Company LLC	Sleeper Mining Company LLC	SSG 13	SSG	13	HUMBOLDT	8,36	20,66
NMC 909198	0	Sleeper Mining Company LLC	Sleeper Mining Company LLC	SSG 14	SSG	14	HUMBOLDT	8,36	20,66
NMC 909199	0	Sleeper Mining Company LLC	Sleeper Mining Company LLC	SSG 15	SSG	15	HUMBOLDT	8,36	20,66
NMC 909200	0	Sleeper Mining Company LLC	Sleeper Mining Company LLC	SSG 16	SSG	16	HUMBOLDT	8,36	20,66
NMC 909201	0	Sleeper Mining Company LLC	Sleeper Mining Company LLC	SSG 17	SSG	17	HUMBOLDT	8,36	20,66
NMC 909202	0	Sleeper Mining Company LLC	Sleeper Mining Company LLC	SSG 18	SSG	18	HUMBOLDT	8,36	20,66
NMC 909203	0	Sleeper Mining Company LLC	Sleeper Mining Company LLC	SSG 19	SSG	19	HUMBOLDT	8,36	20,66
NMC 909204	0	Sleeper Mining Company LLC	Sleeper Mining Company LLC	SSG 20	SSG	20	HUMBOLDT	8,36	20,66
NMC 909205	0	Sleeper Mining Company LLC	Sleeper Mining Company LLC	SSG 21	SSG	21	HUMBOLDT	8,36	20,66
NMC 909206	0	Sleeper Mining Company LLC	Sleeper Mining Company LLC	SSG 22	SSG	22	HUMBOLDT	8,36	20,66
NMC 909207	0	Sleeper Mining Company LLC	Sleeper Mining Company LLC	SSG 23	SSG	23	HUMBOLDT	8,36	20,66
NMC 909208	0	Sleeper Mining Company LLC	Sleeper Mining Company LLC	SSG 24	SSG	24	HUMBOLDT	8,36	20,66
NMC 787346	2385455	Leland L. York	Sleeper Mining Company LLC	YORK 1	YORK	1	HUMBOLDT	8,36	20,66
NMC 787347	2385455	Leland L. York	Sleeper Mining Company LLC	YORK 2	YORK	2	HUMBOLDT	8,36	20,66
NMC 787348	2385455	Leland L. York	Sleeper Mining Company LLC	YORK 3	YORK	3	HUMBOLDT	8,36	20,66
NMC 787349	2385455	Leland L. York	Sleeper Mining Company LLC	YORK 4	YORK	4	HUMBOLDT	8,36	20,66
NMC 787350	2385455	Leland L. York	Sleeper Mining Company LLC	YORK 5	YORK	5	HUMBOLDT	8,36	20,66

Appendix B

Contact Profiles

Figure 1: Contact Profile EU Au 12-13

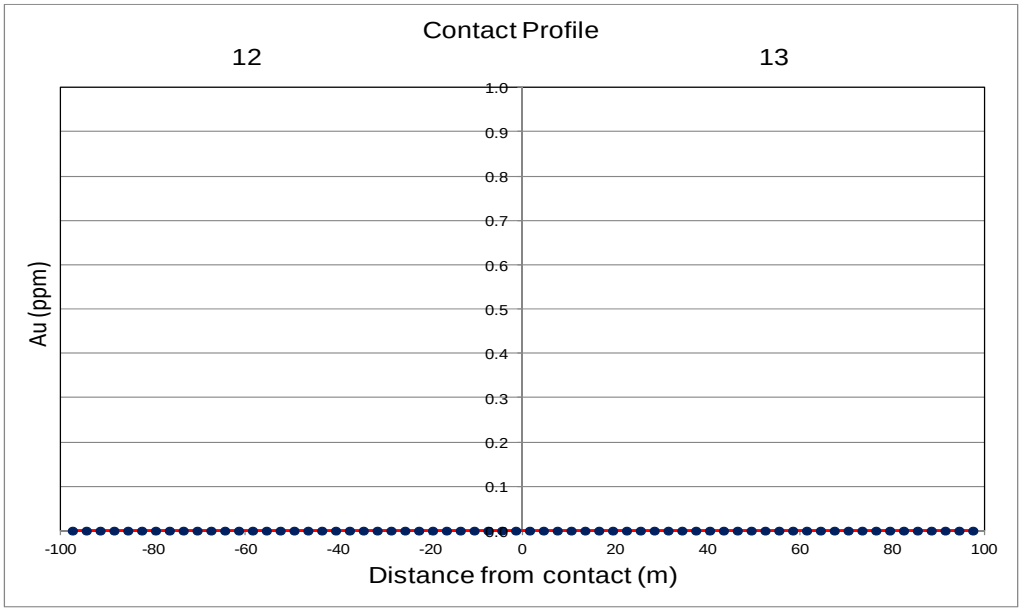


Figure 2: Contact Profile EU Au 12-14

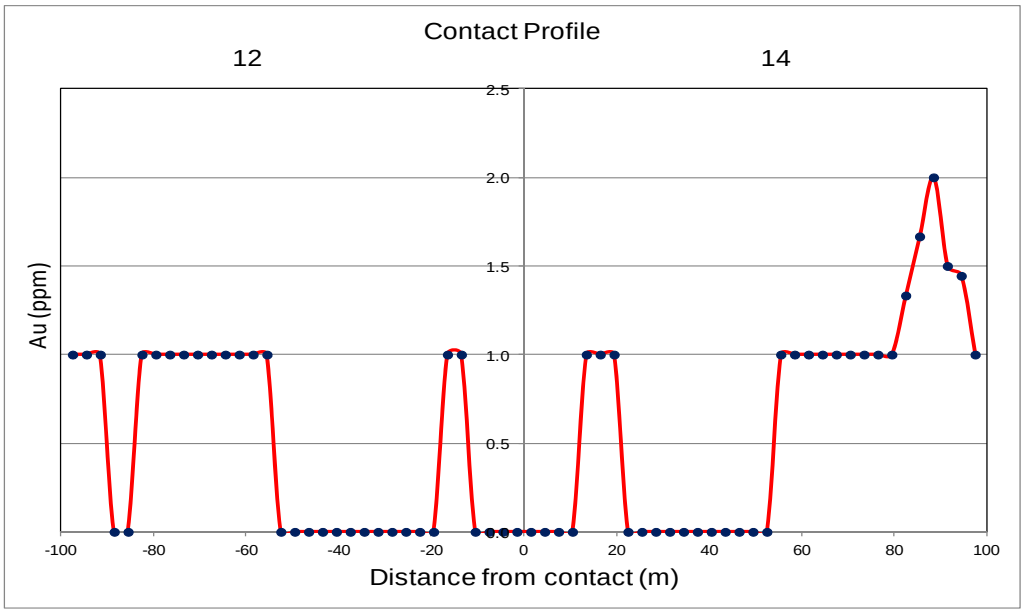


Figure 3: Contact Profile EU Au 12-16

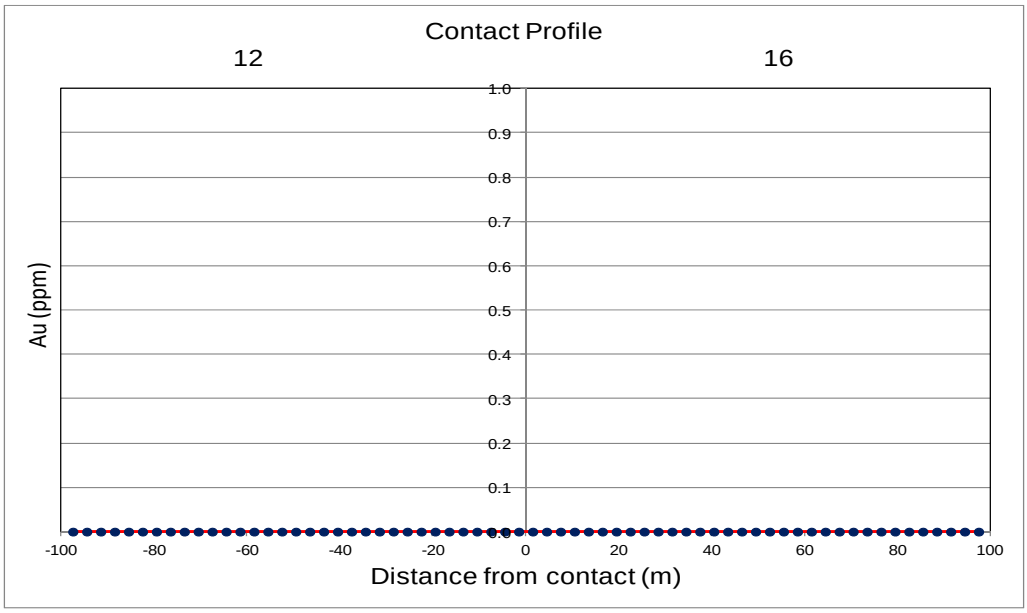


Figure 4: Contact Profile EU Au 12-17

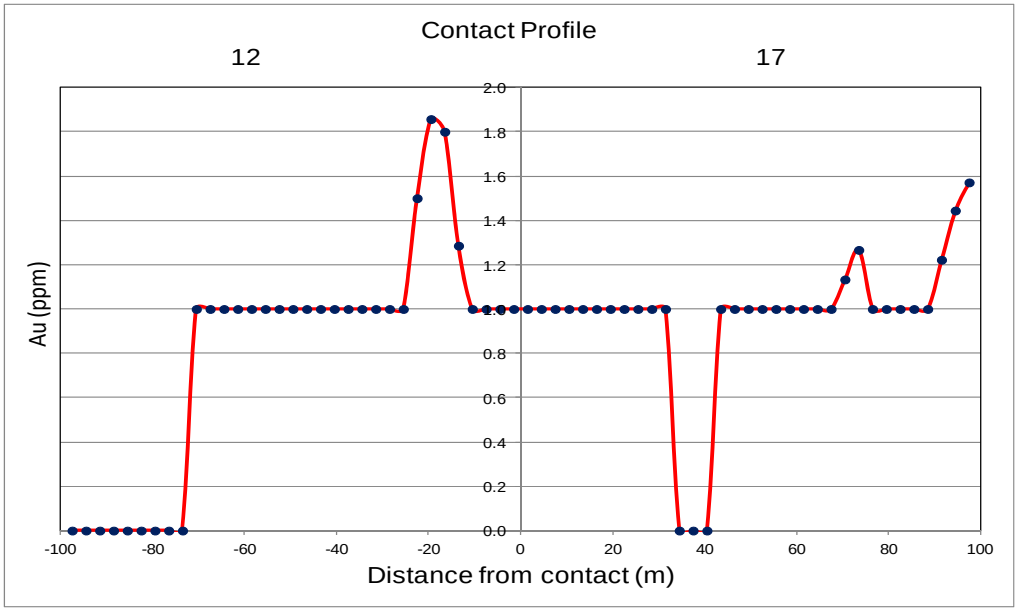


Figure 5: Contact Profile EU Au 13-14

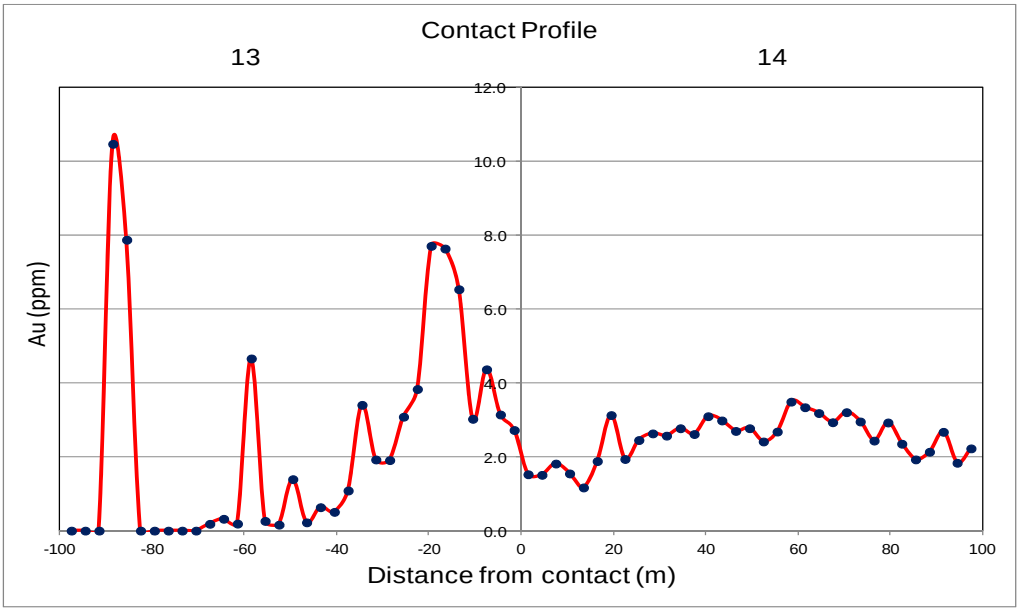


Figure 6: Contact Profile EU Au 13-16

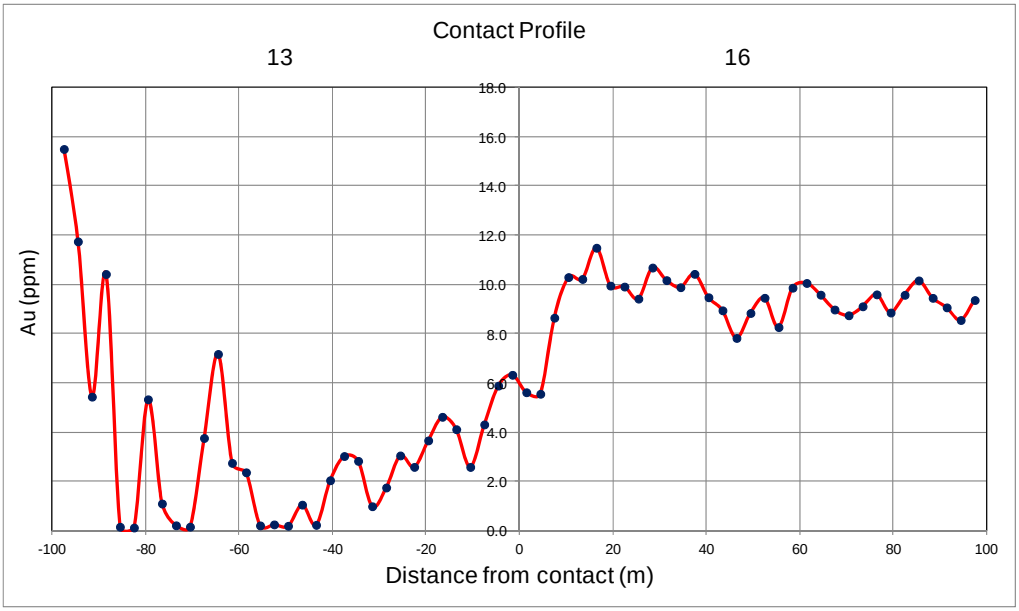


Figure 7: Contact Profile EU Au 13-17

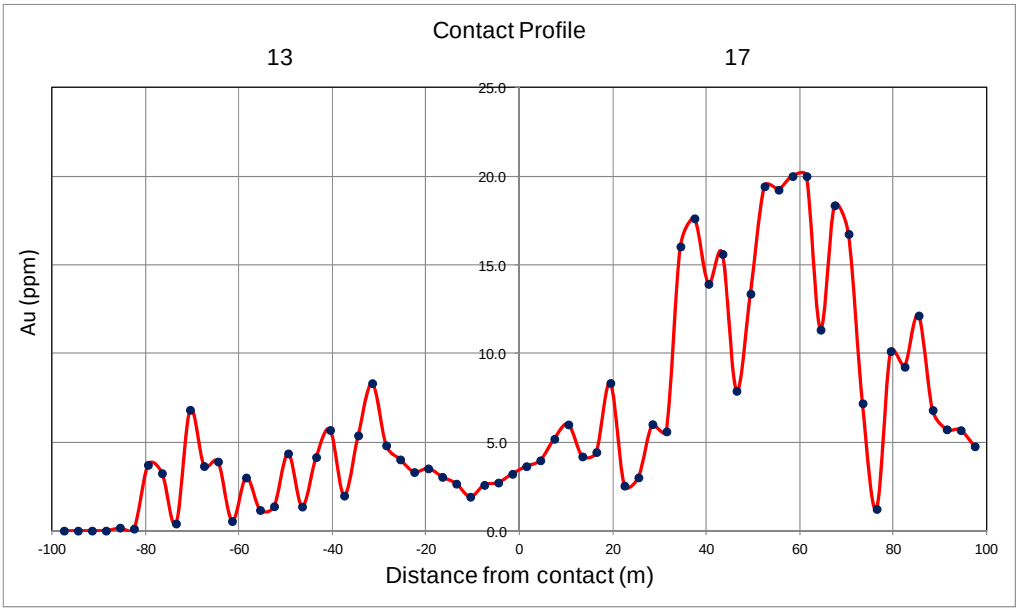


Figure 8: Contact Profile EU Au 14-16

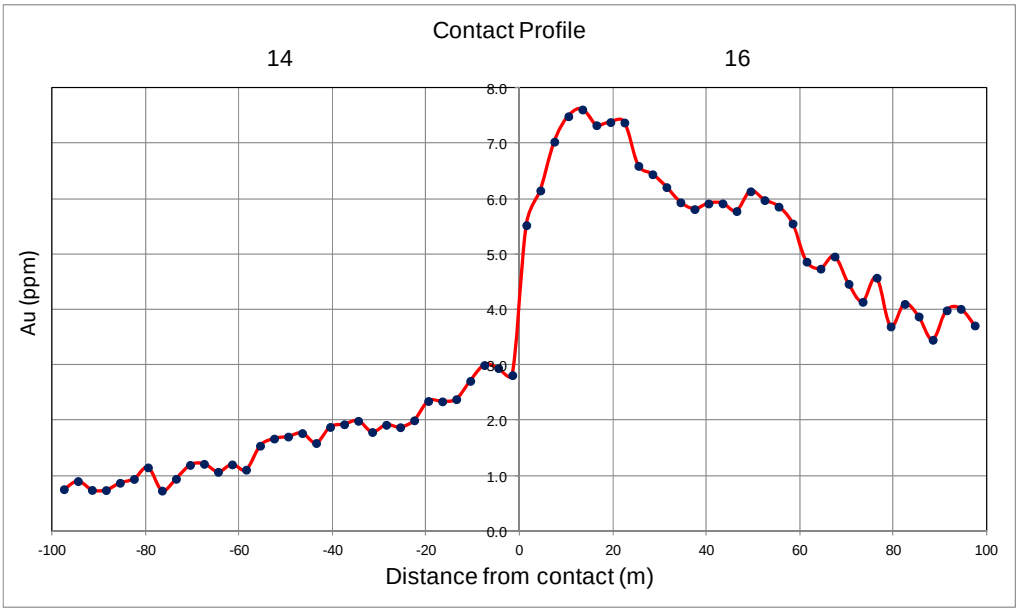


Figure 9: Contact Profile EU Au 14-17

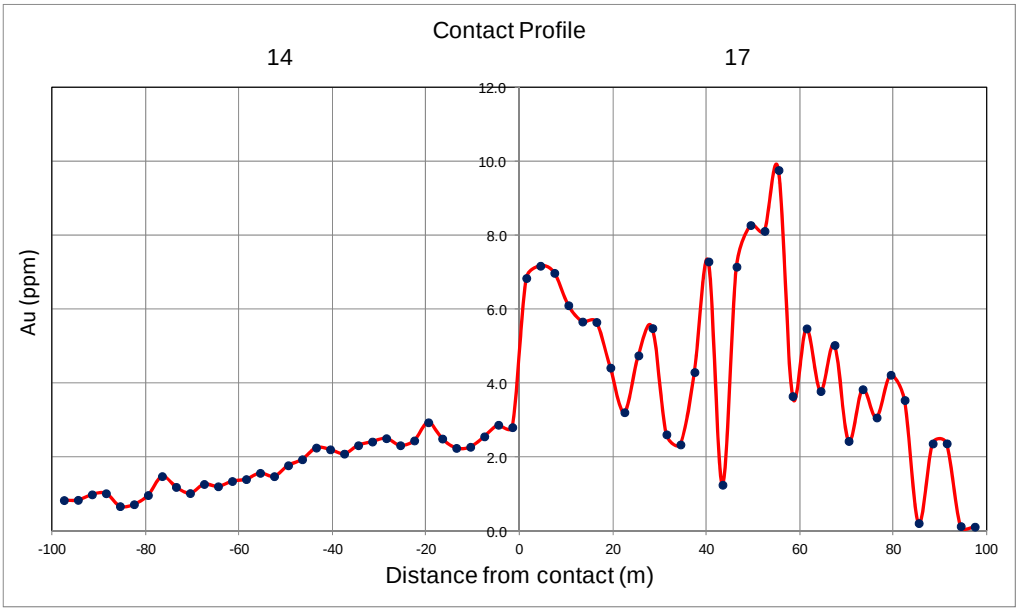


Figure 10: Contact Profile EU Au 16-17

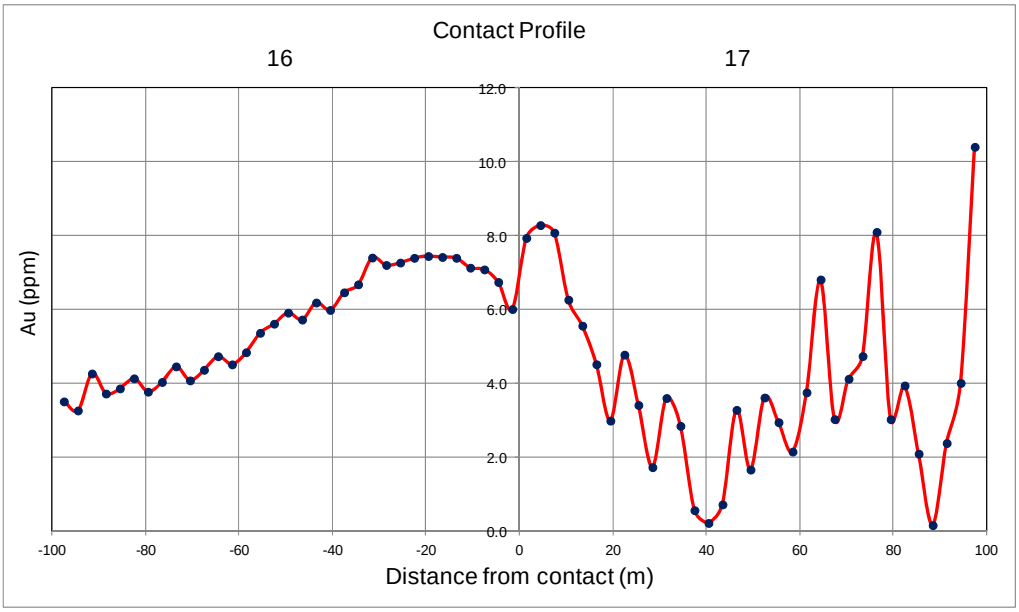


Figure 11: Contact Profile EU Au 22-23

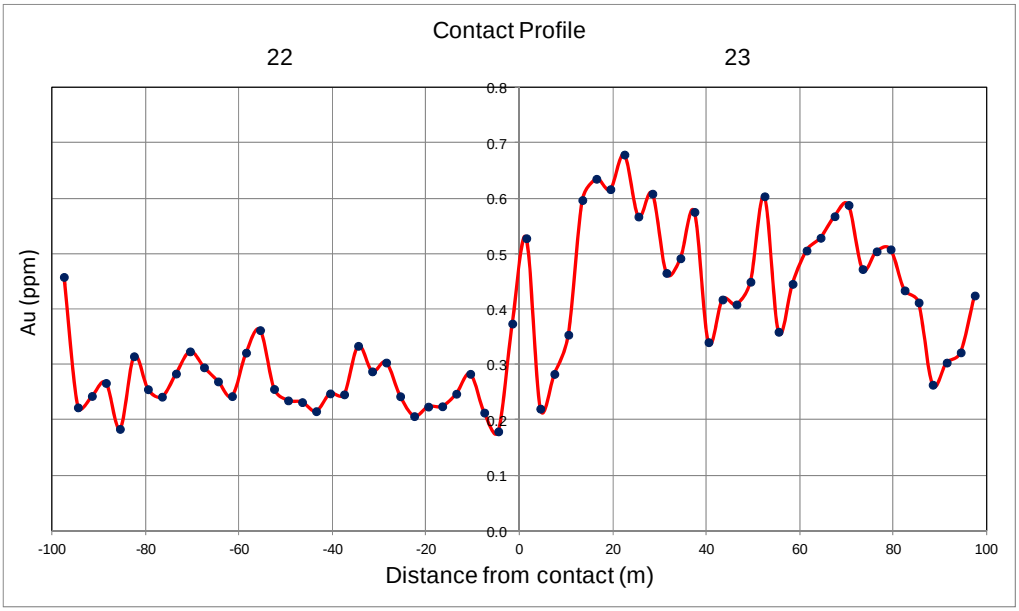


Figure 12: Contact Profile EU Au 22-24

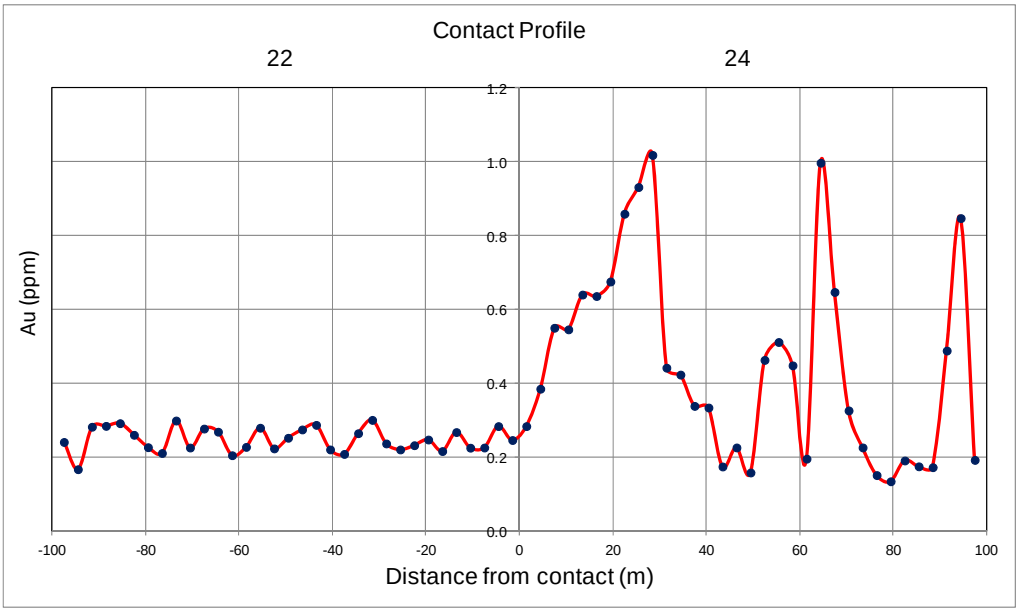


Figure 13: Contact Profile EU Au 22-26

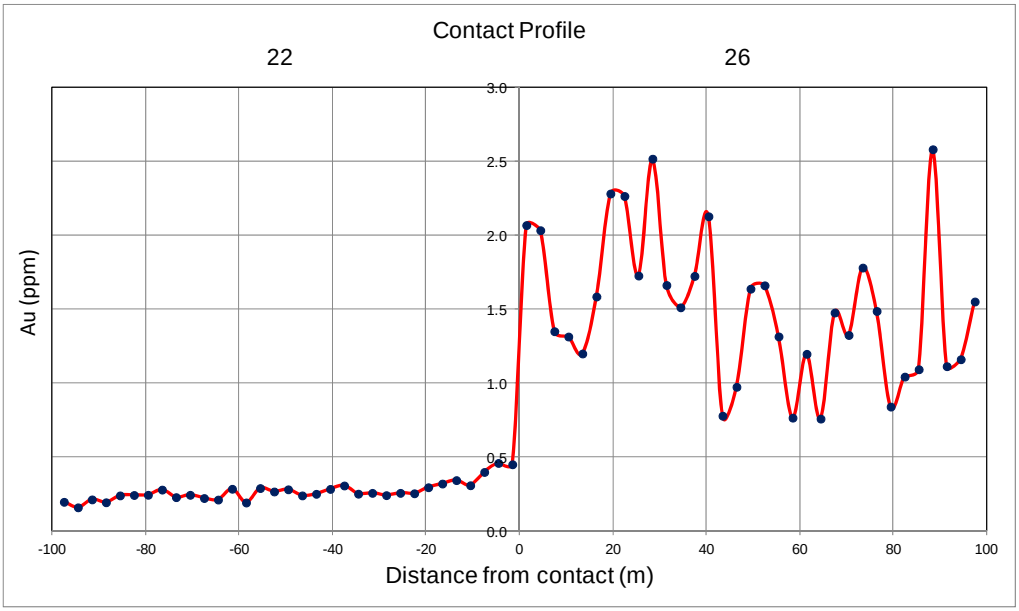
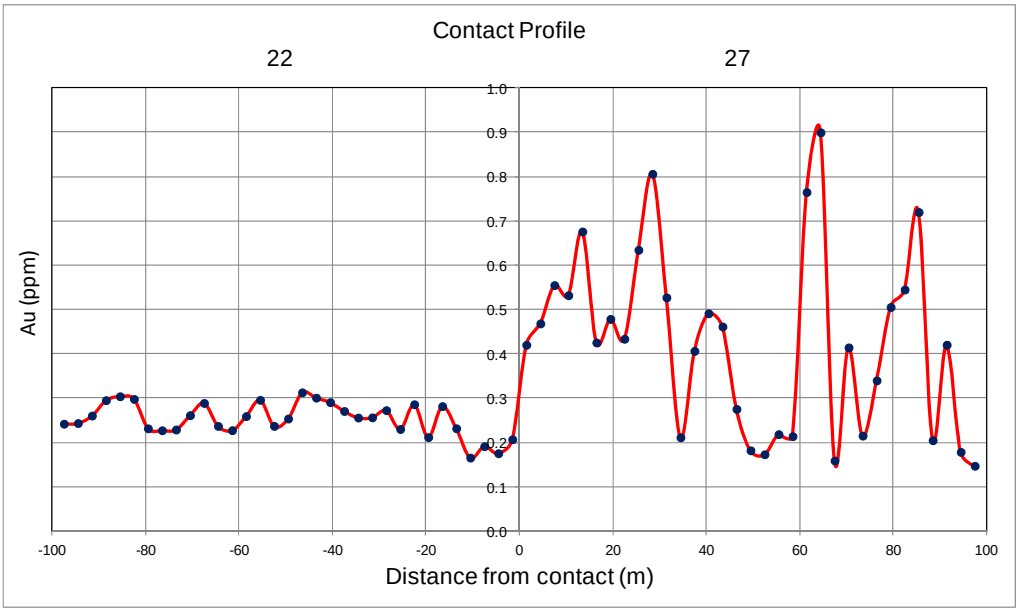


Figure 14: Contact Profile EU Au 22-27



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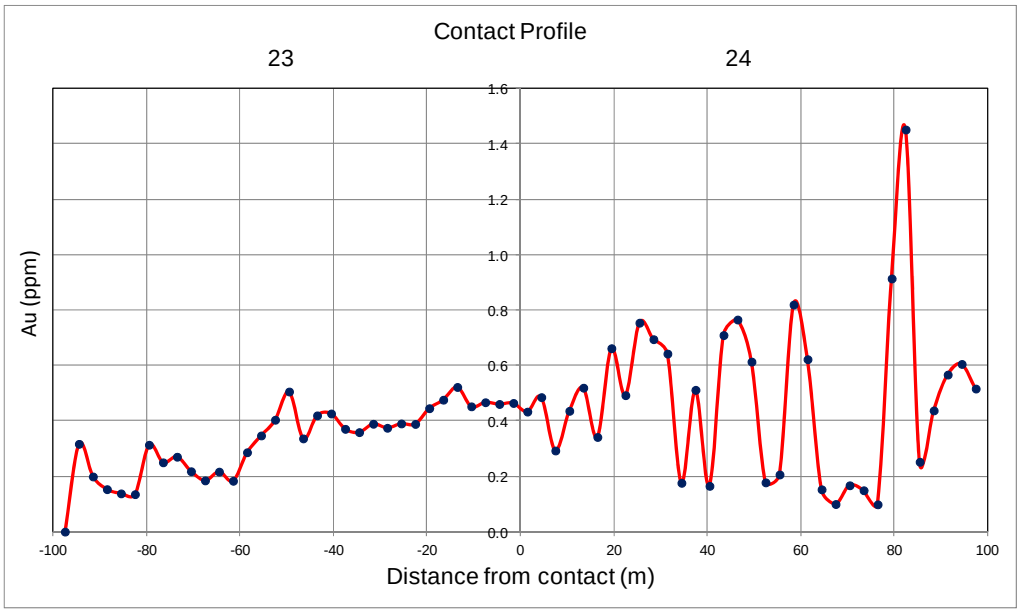
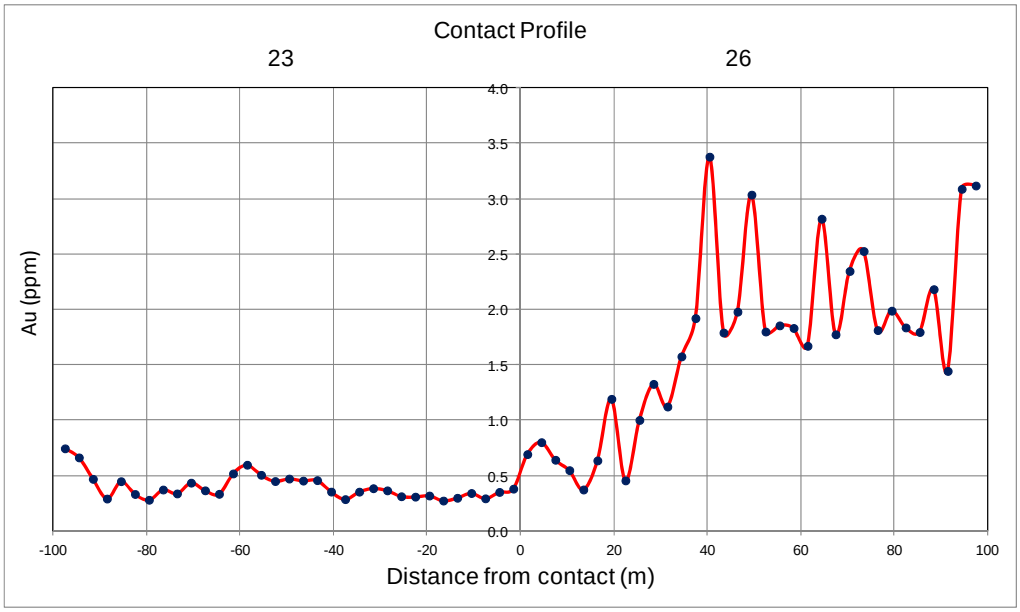


Figure 16: Contact Profile EU Au 23-26



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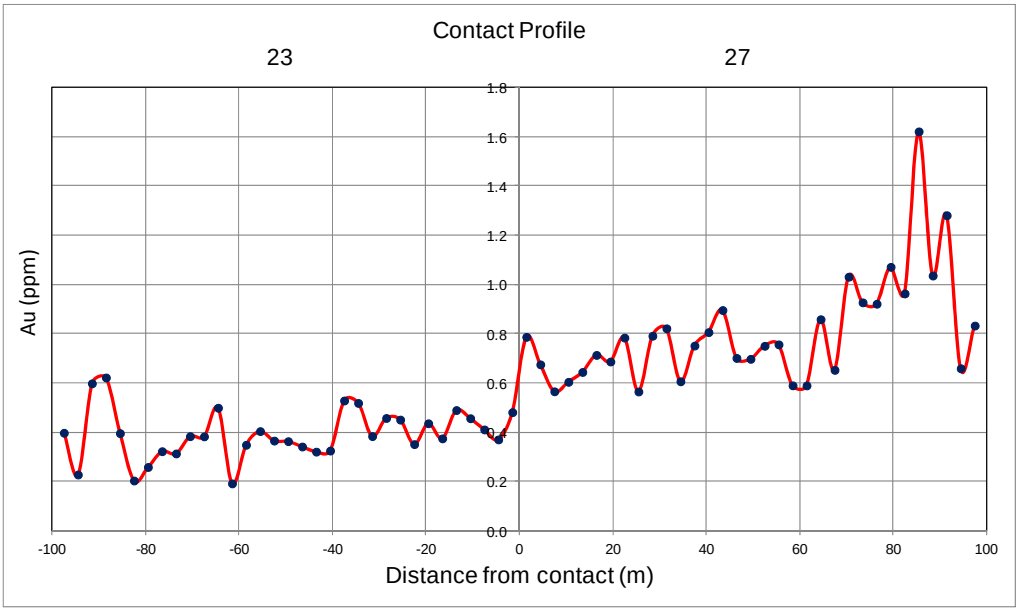

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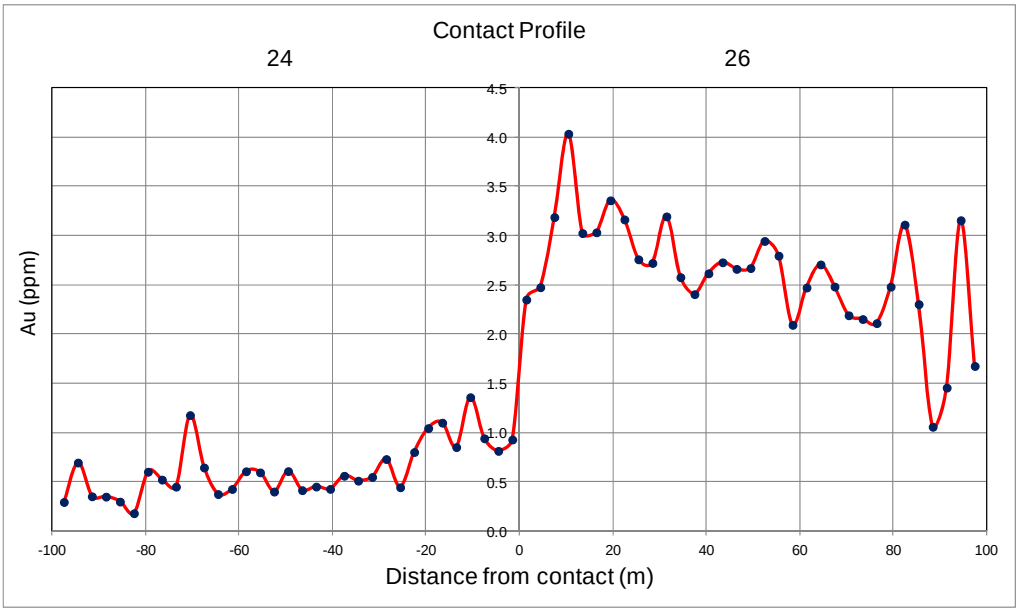

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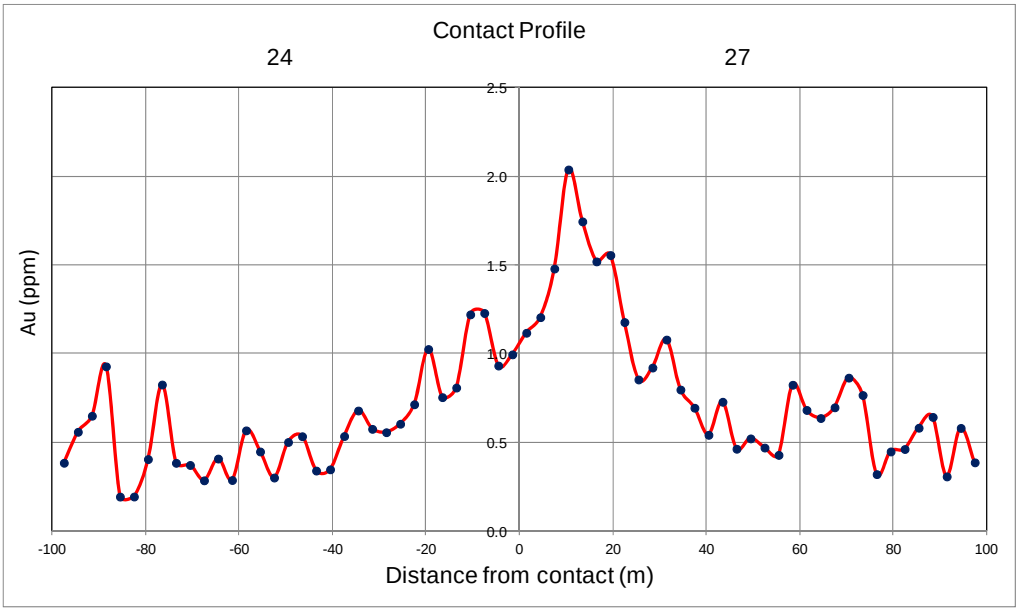


Figure 20: Contact Profile EU Au 26-27

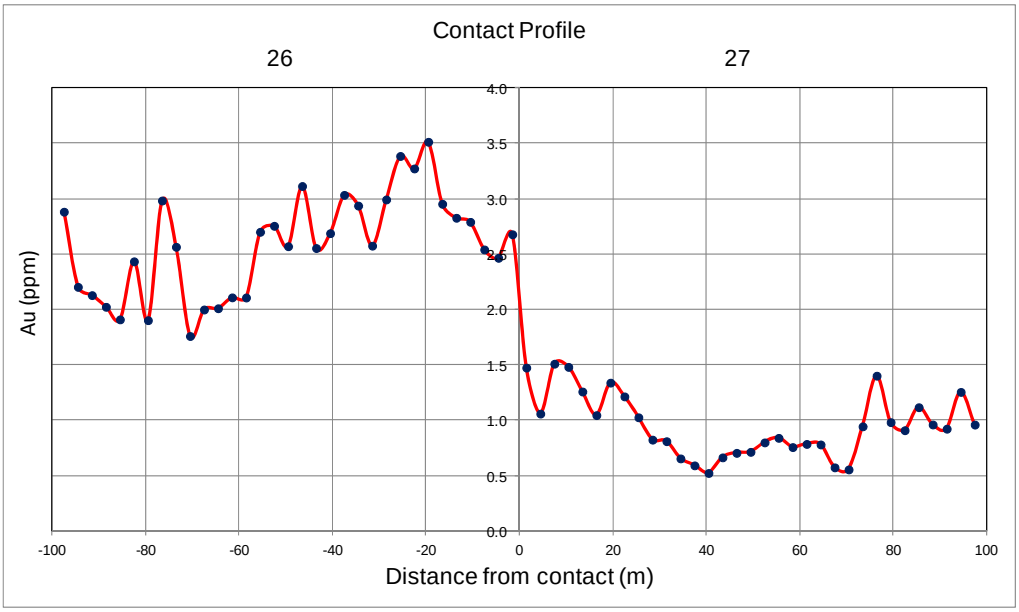


Figure 21: Contact Profile EU Au 32-33

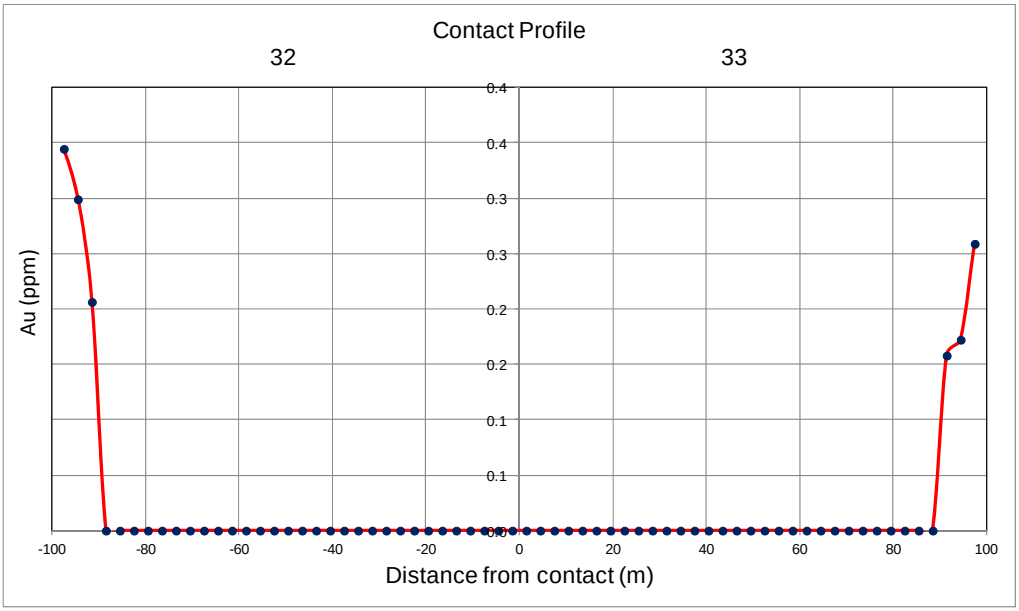


Figure 22: Contact Profile EU Au 32-34

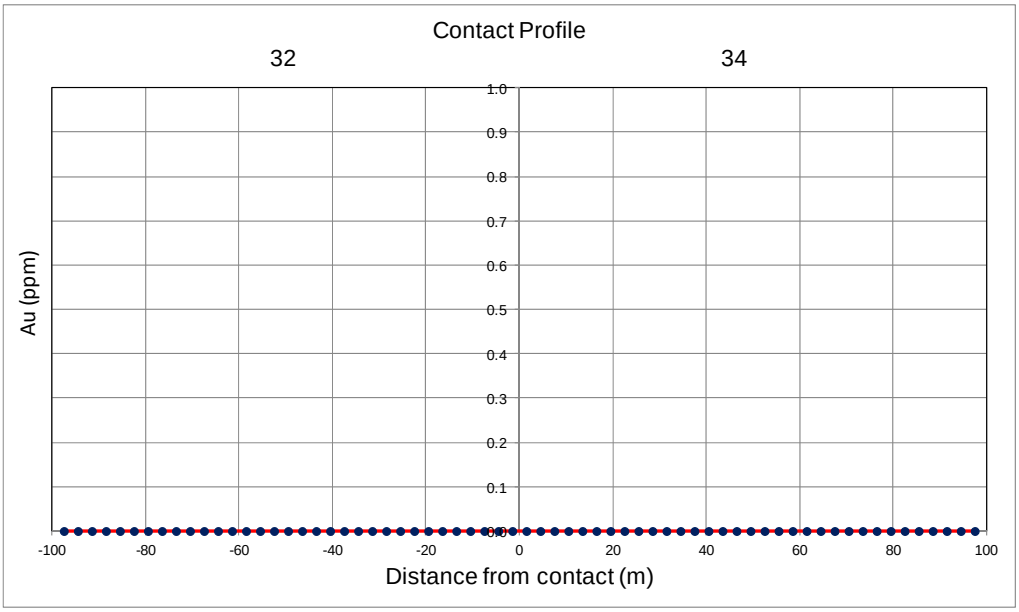


Figure 23: Contact Profile EU Au 32-36

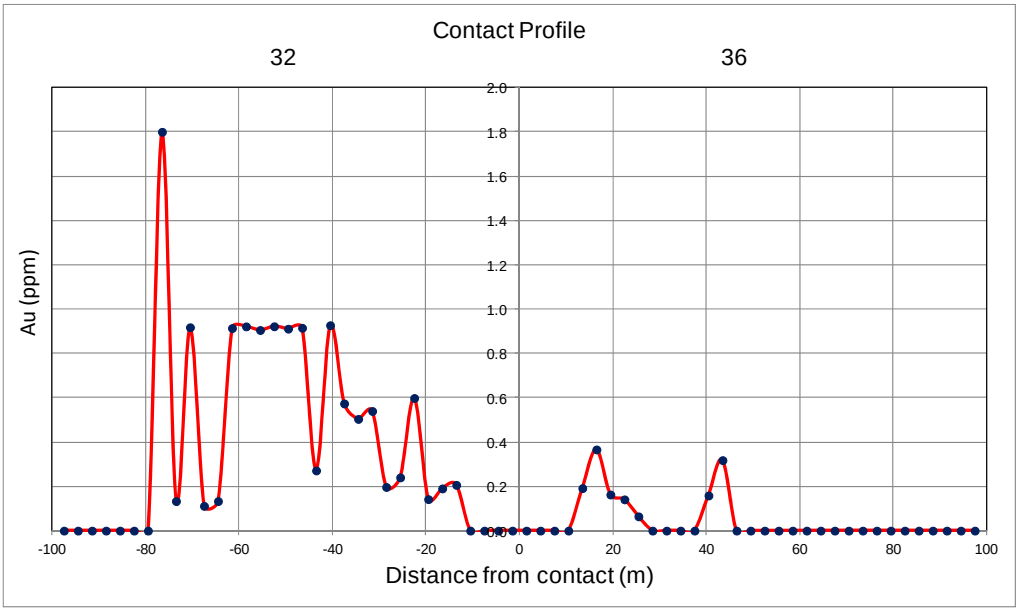


Figure 24: Contact Profile EU Au 32-37

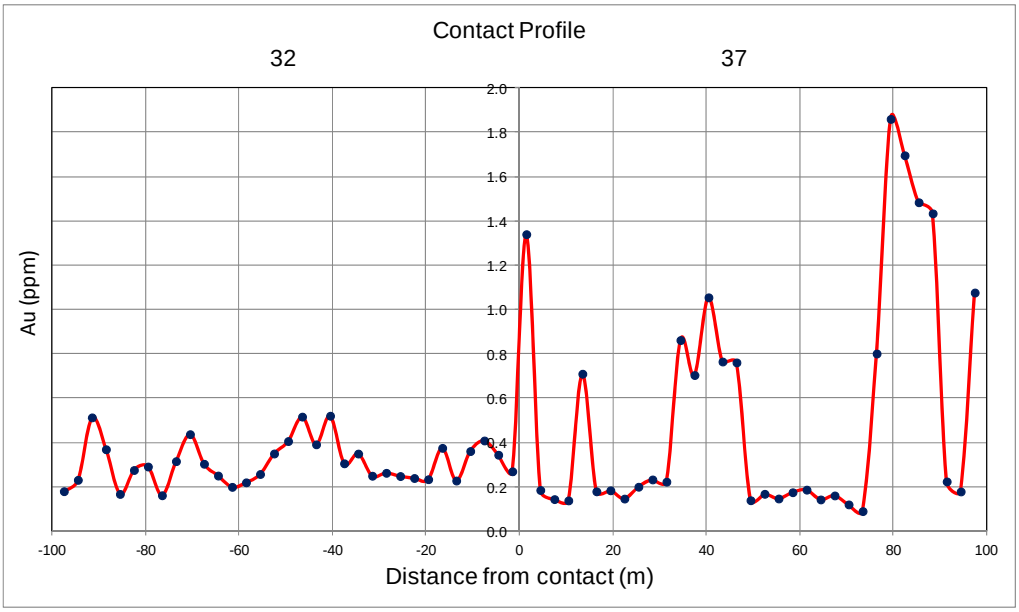


Figure 25: Contact Profile EU Au 33-34

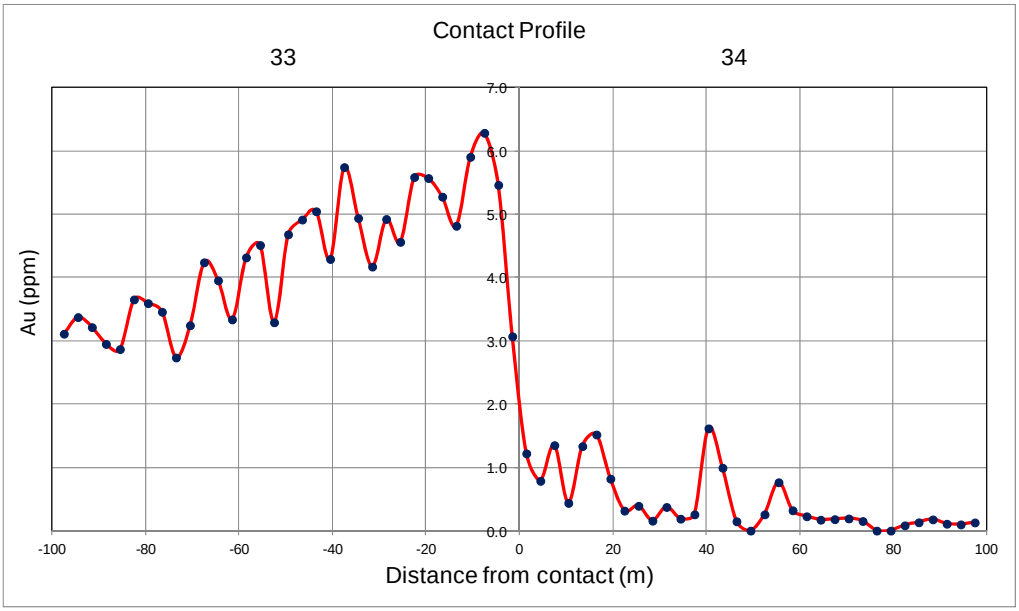


Figure 26: Contact Profile EU Au 33-36

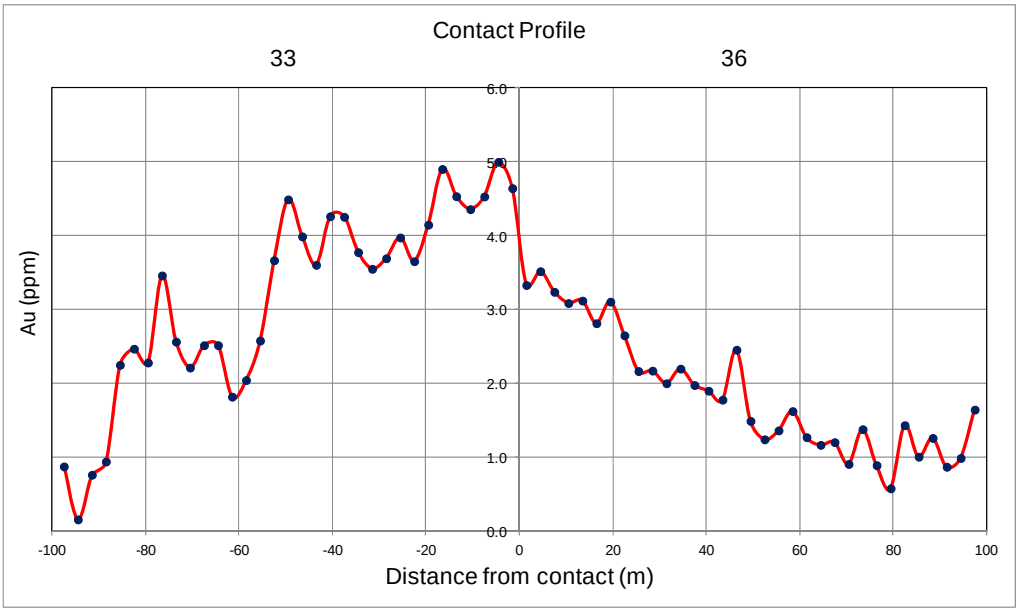


Figure 27: Contact Profile EU Au 33-37

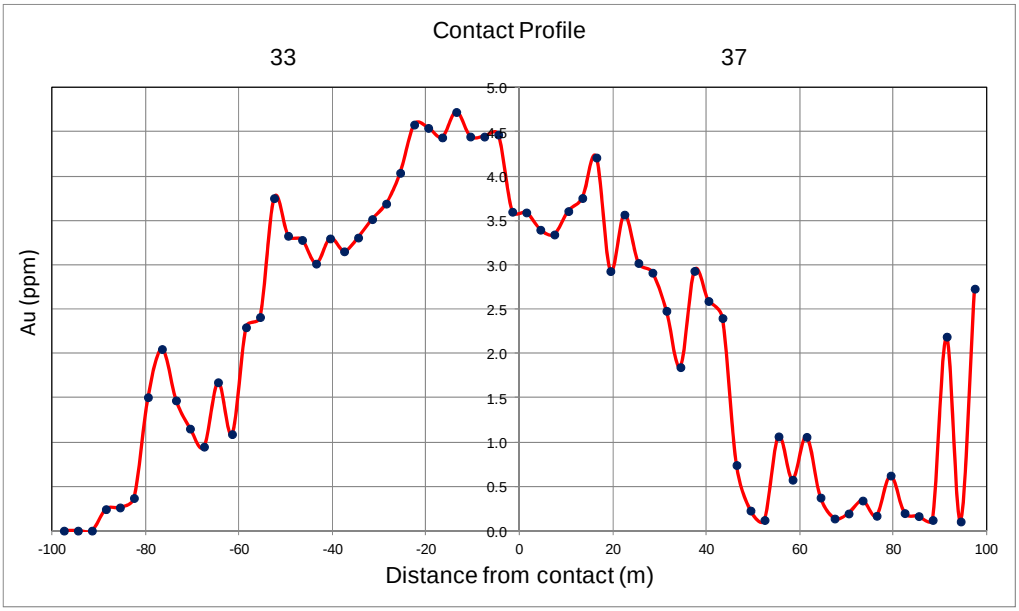


Figure 28: Contact Profile EU Au 34-36

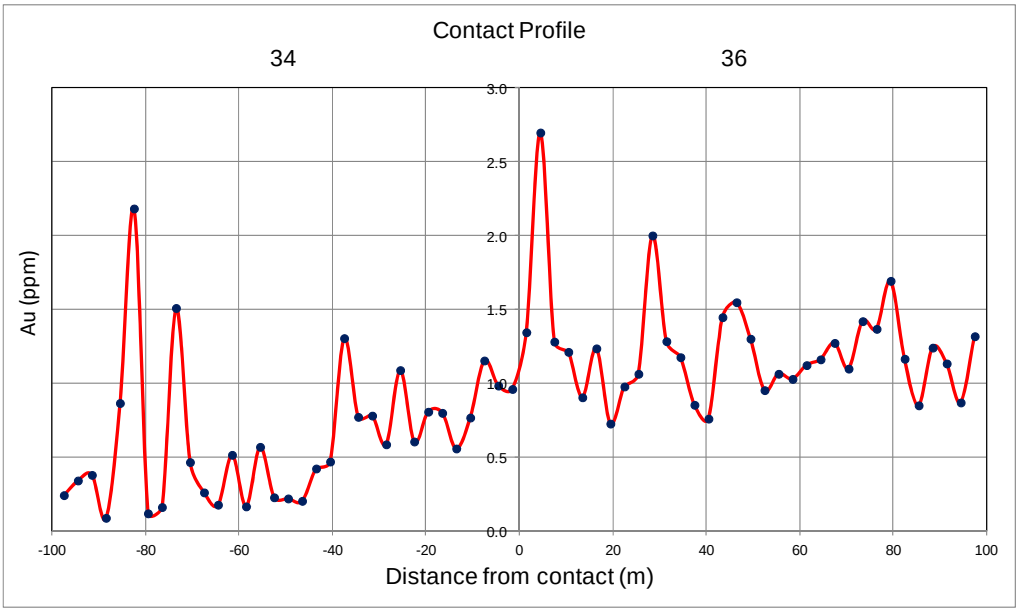


Figure 29: Contact Profile EU Au 34-37

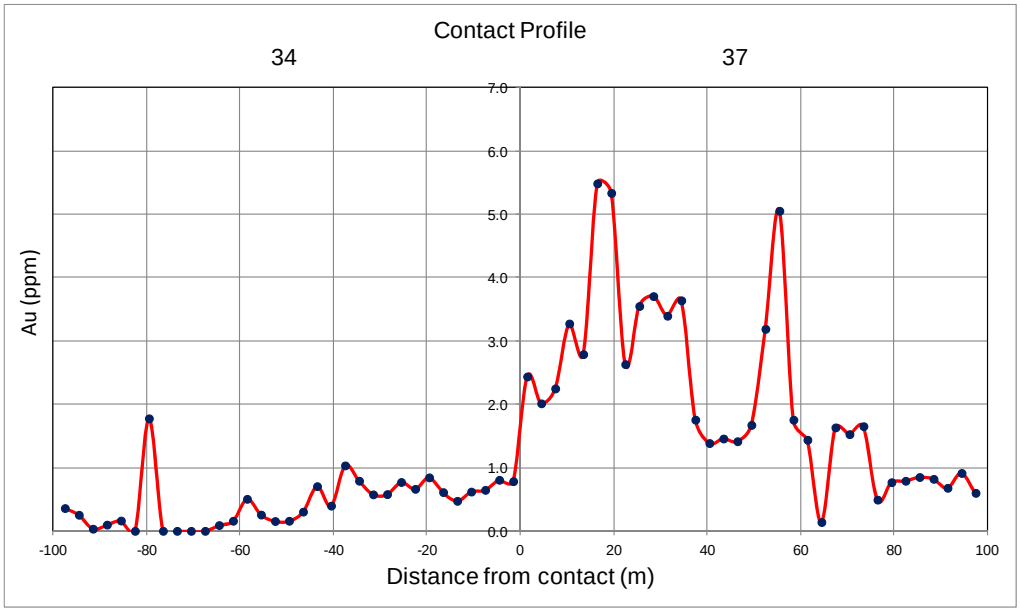
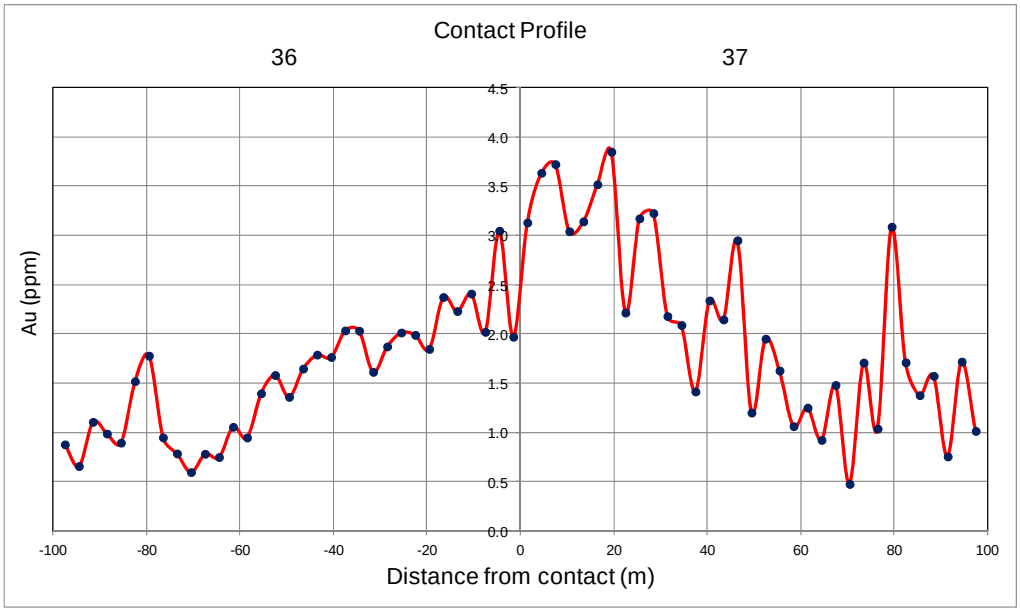


Figure 30: Contact Profile EU Au 36-37



Appendix C

Variogram Maps

Figure 1: Variogram Maps EU Au 13

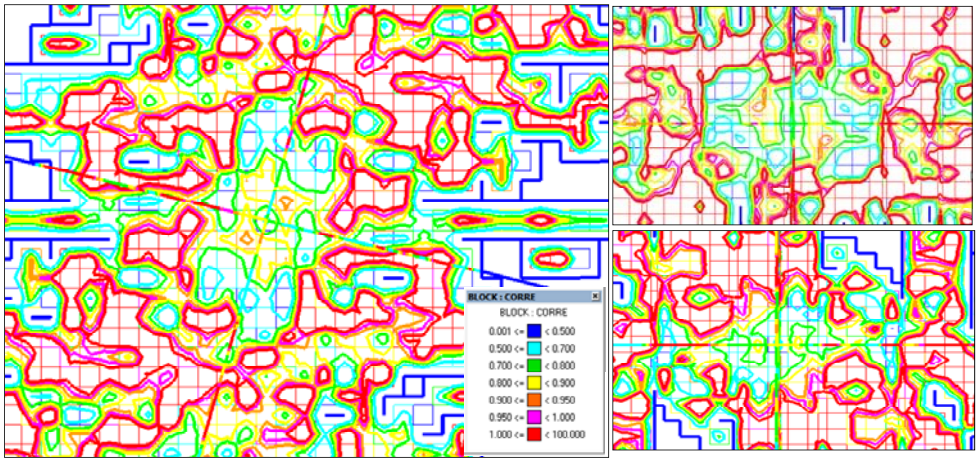


Figure 2: Variogram Maps EU Au 14

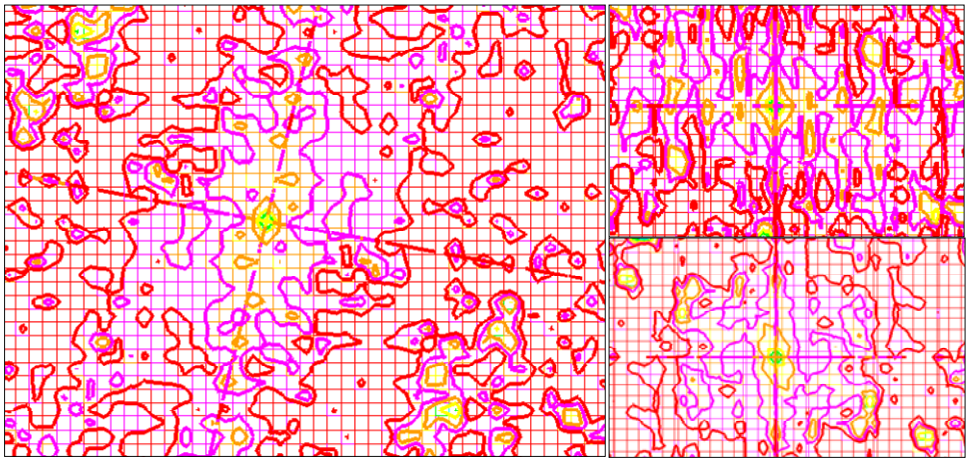


Figure 3: Variogram Maps EU Au 16

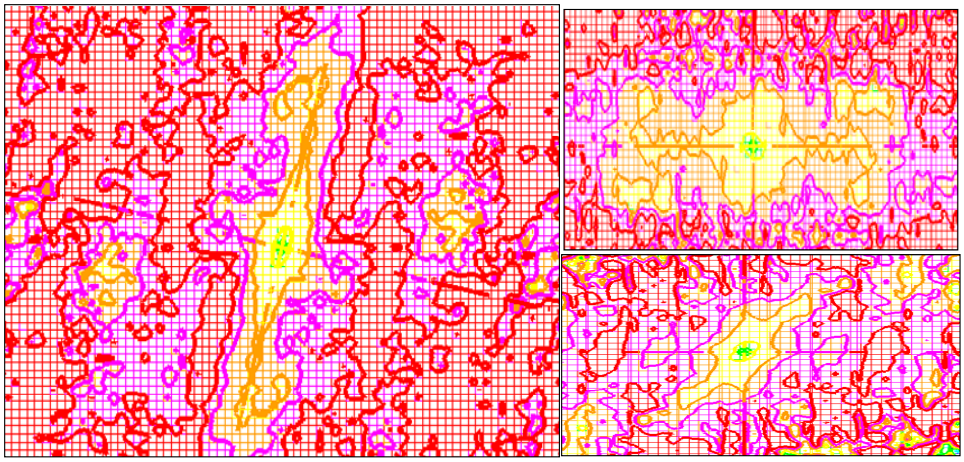


Figure 4: Variogram Maps EU Au 17

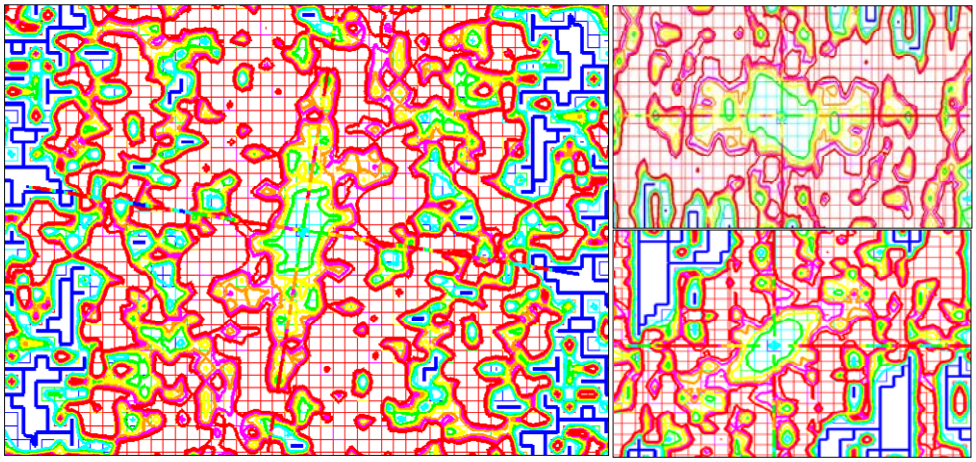


Figure 5: Variogram Maps EU Au 22

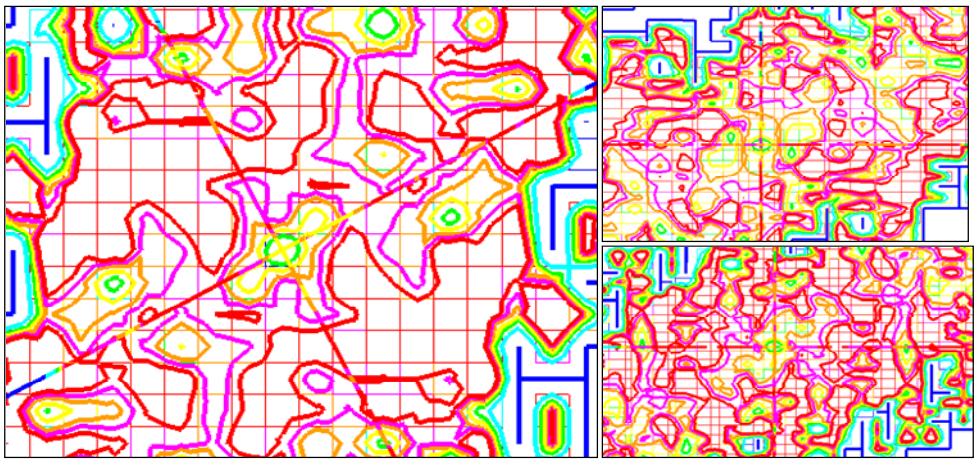


Figure 6: Variogram Maps EU Au 23

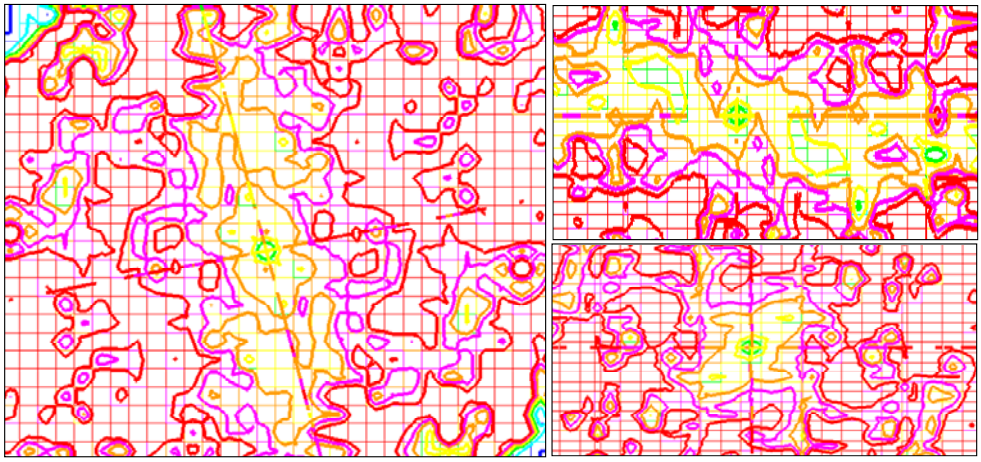


Figure 7: Variogram Maps EU Au 24

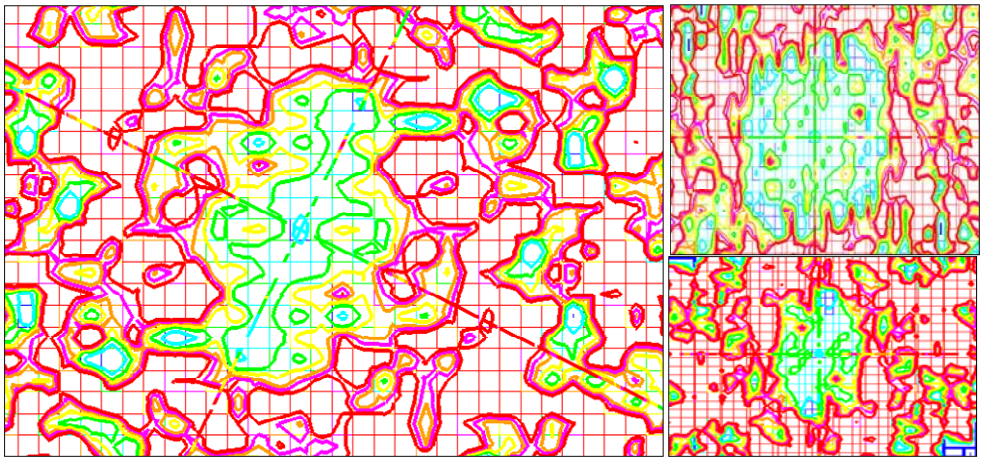


Figure 8: Variogram Maps EU Au 26

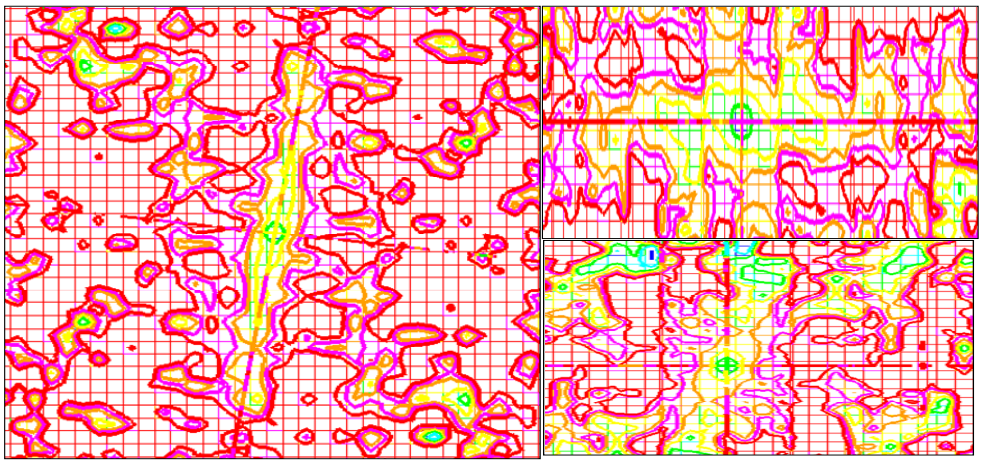


Figure 9: Variogram Maps EU Au 27

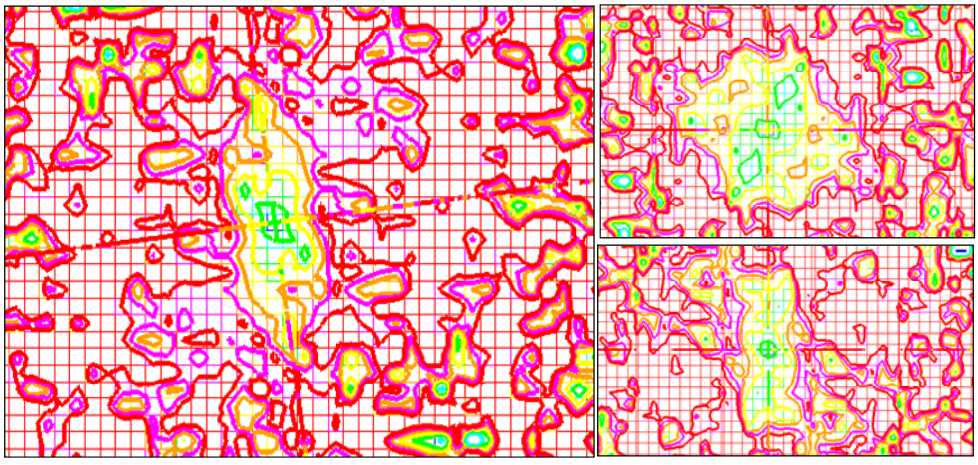


Figure 10: Variogram Maps EU Au 32

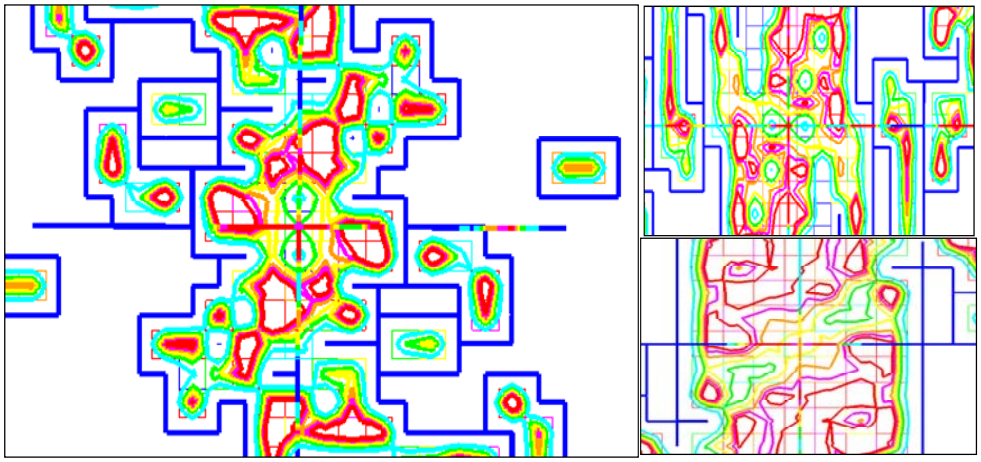


Figure 11: Variogram Maps EU Au 33

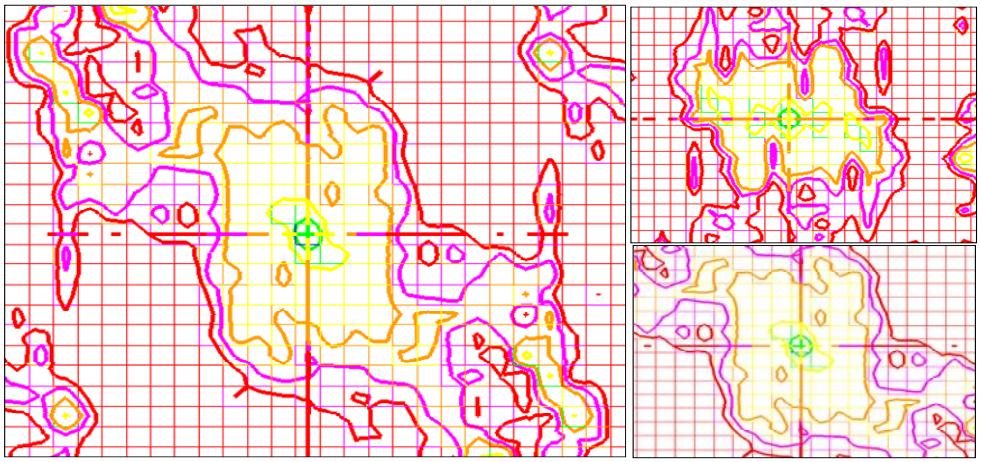


Figure 12: Variogram Maps EU Au 34

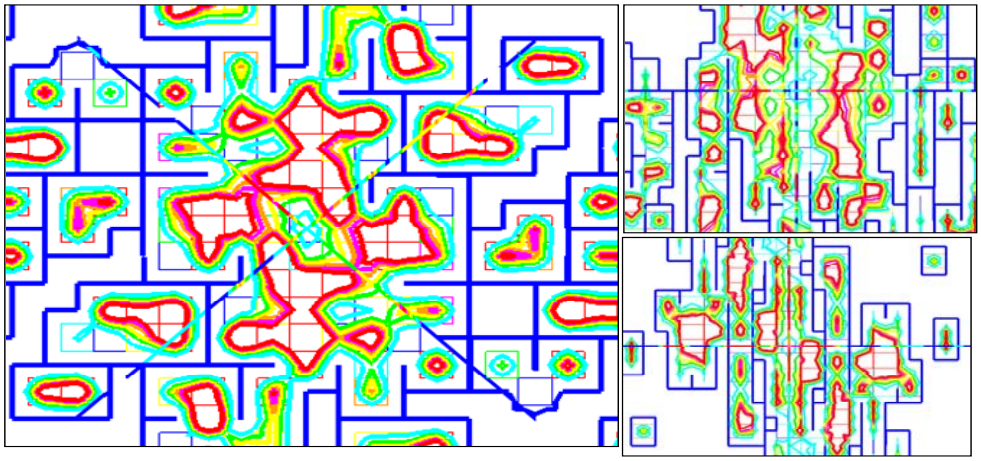


Figure 13: Variogram Maps EU Au 36

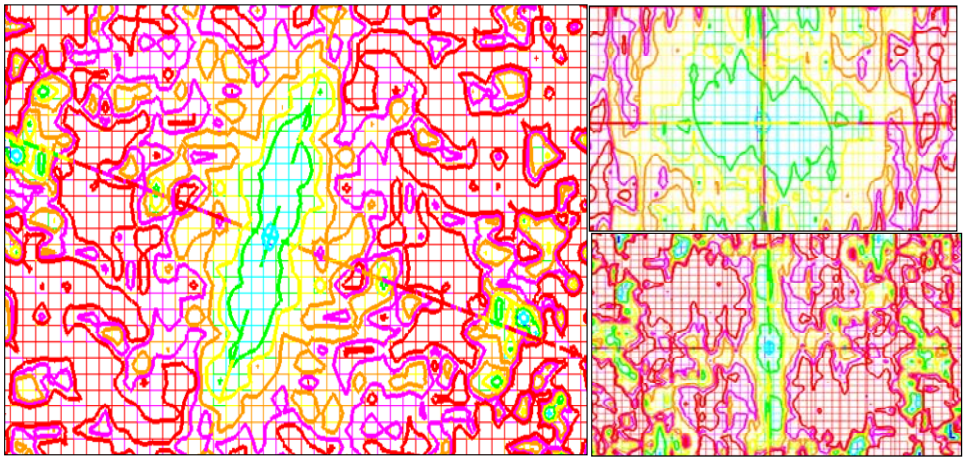


Figure 14: Variogram Maps EU Au 37

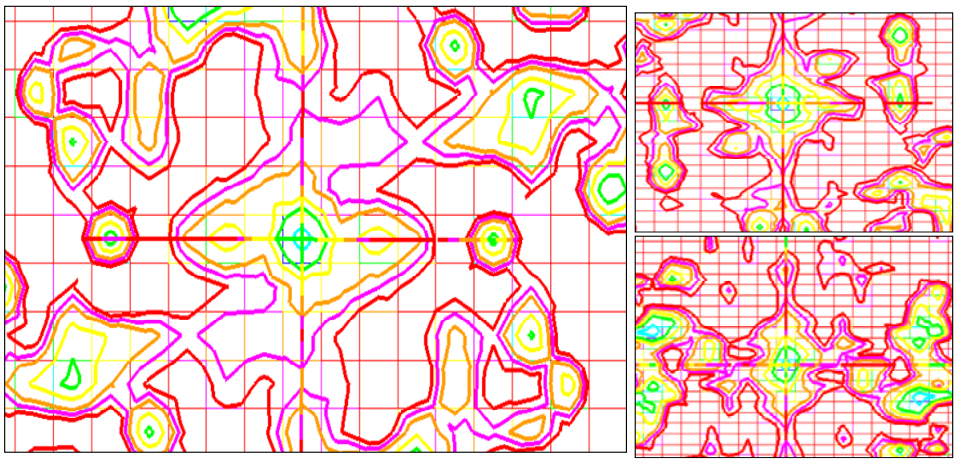


Figure 15: Variogram Maps EU Ag 14

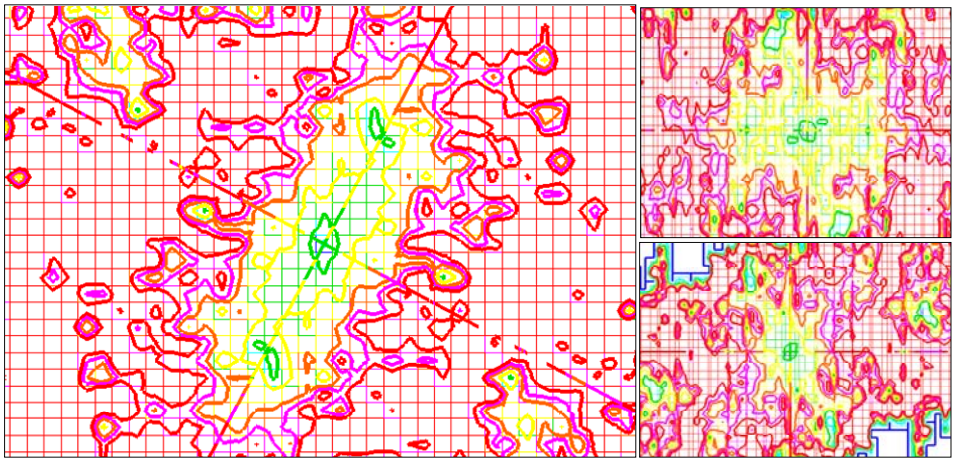


Figure 16: Variogram Maps EU Ag 16

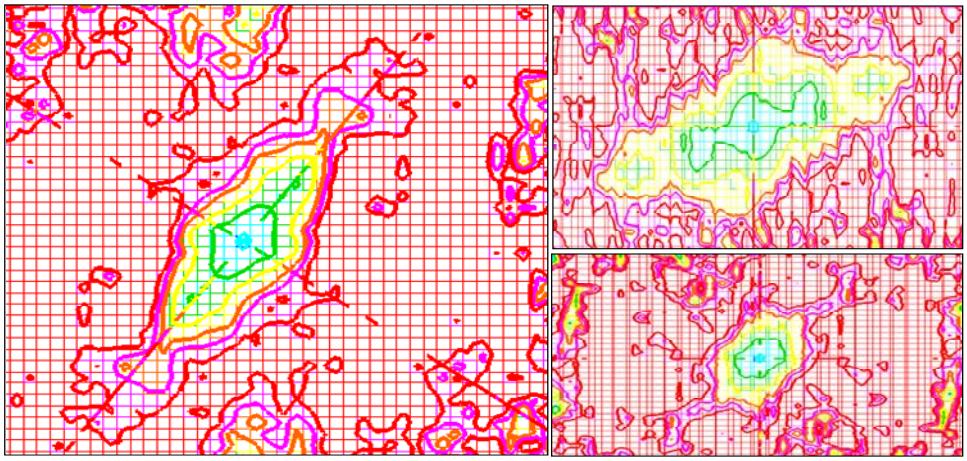


Figure 17: Variogram Maps EU Ag 17

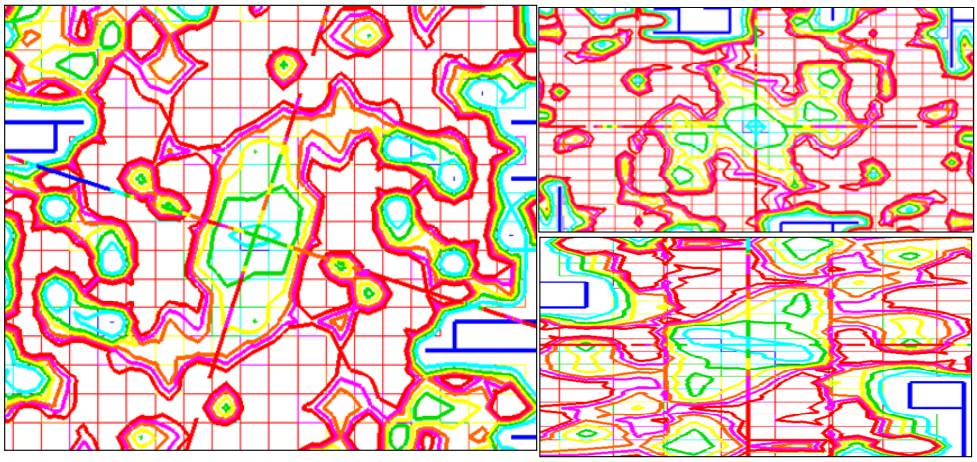


Figure 18: Variogram Maps EU Ag 22

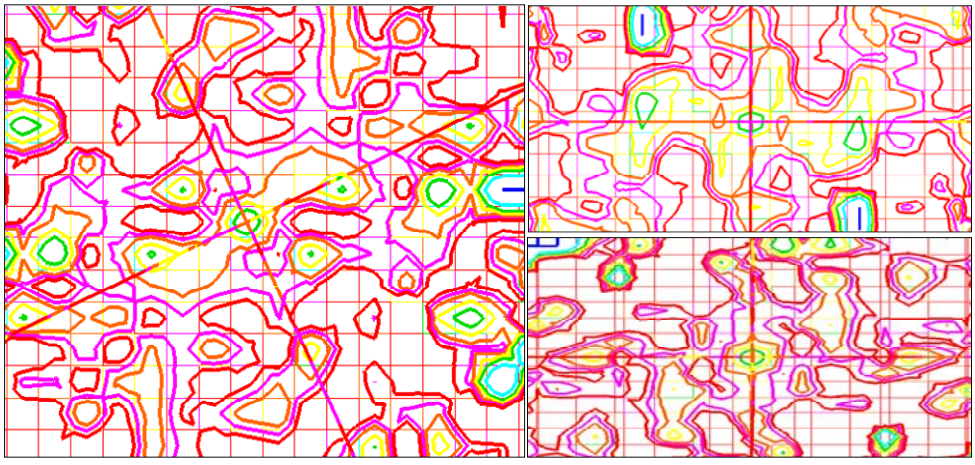


Figure 19: Variogram Maps EU Ag 23

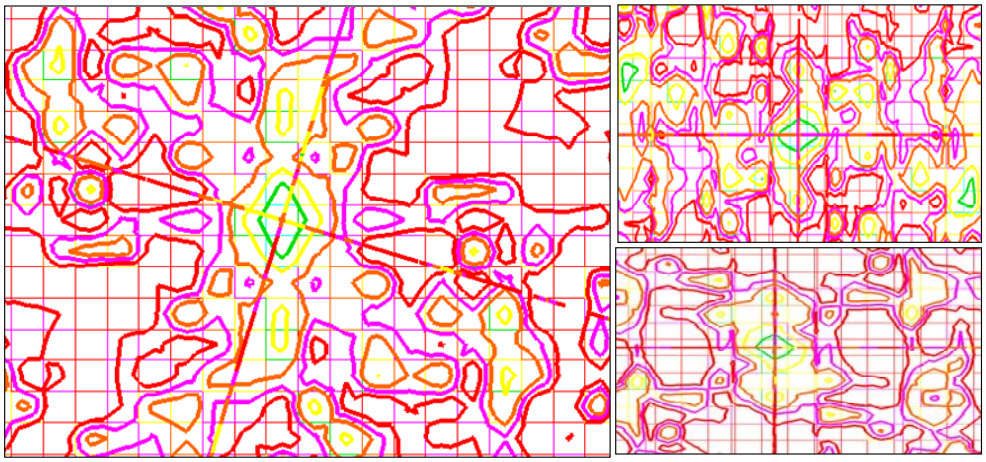


Figure 20: Variogram Maps EU Ag 24

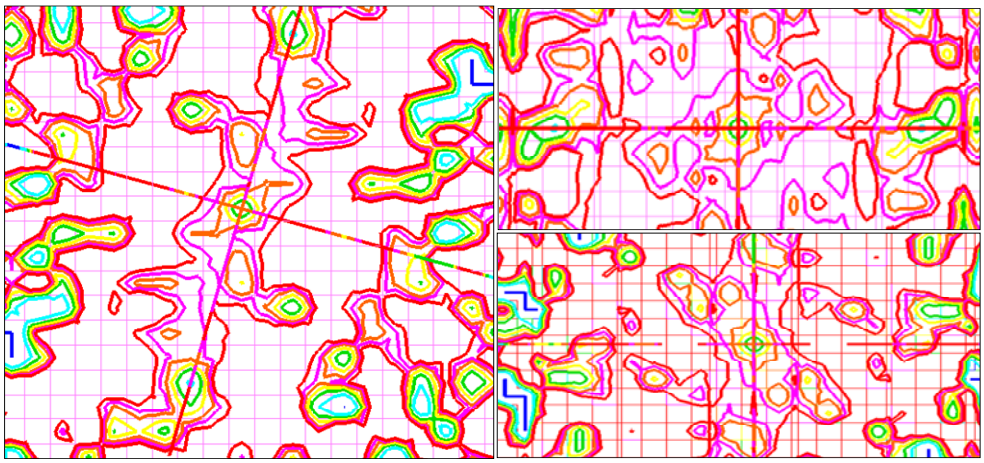


Figure 21: Variogram Maps EU Ag 26

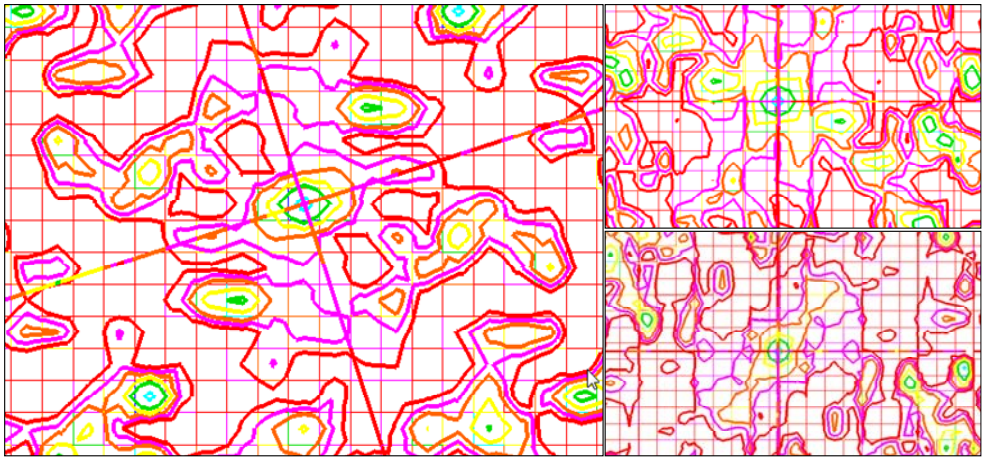


Figure 22: Variogram Maps EU Ag 27

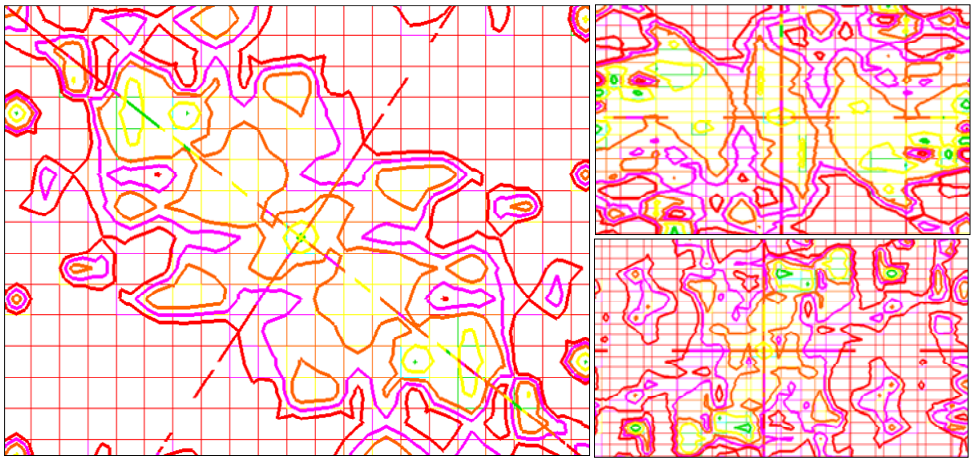


Figure 23: Variogram Maps EU Ag 32

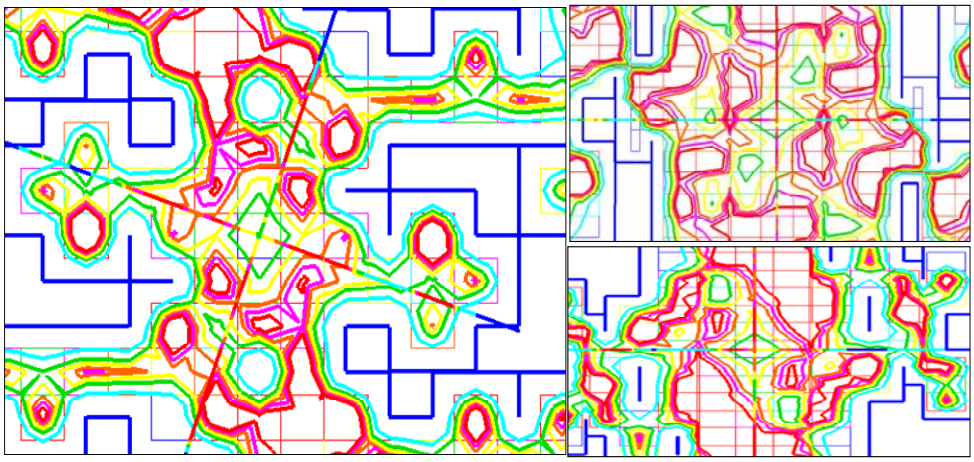


Figure 24: Variogram Maps EU Ag 33

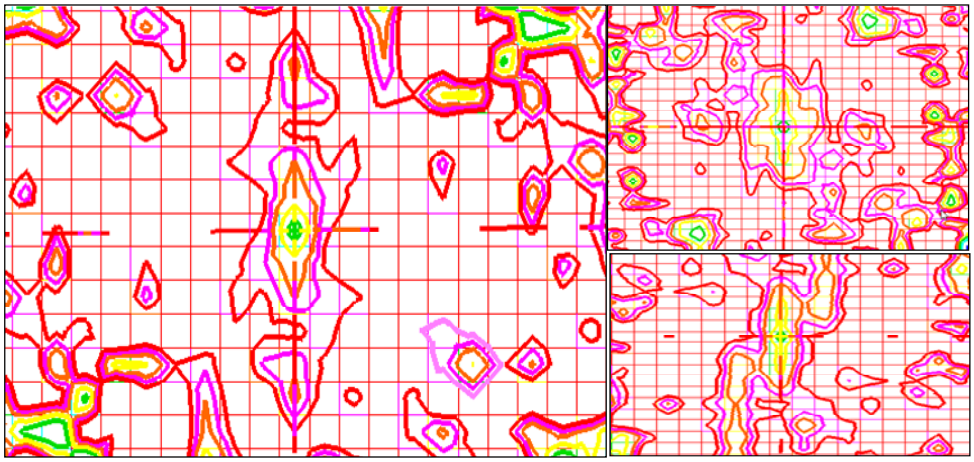


Figure 25: Variogram Maps EU Ag 36

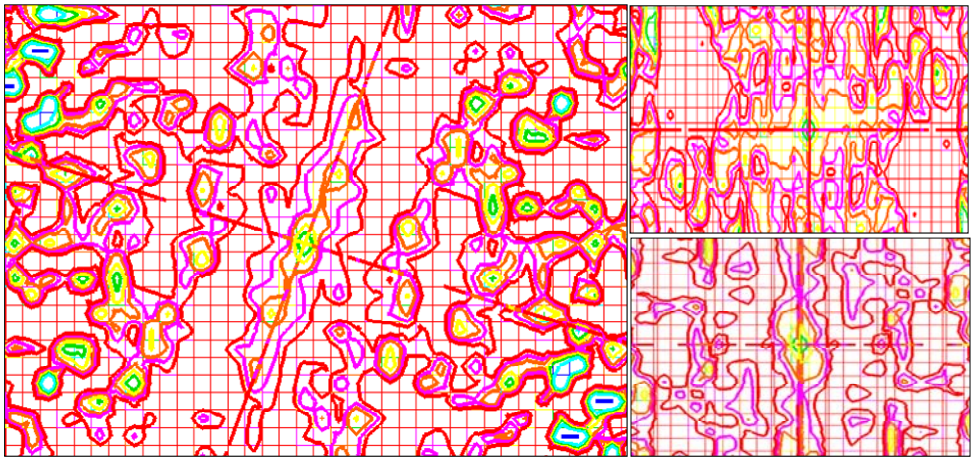
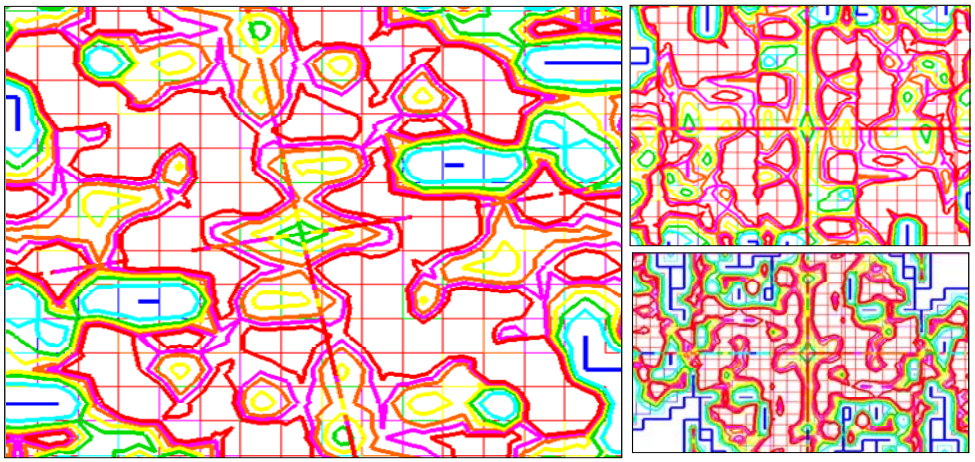


Figure 26: Variogram Maps EU Ag 37



Appendix D

Outliers

Figure 1: High grades search EU Au 12

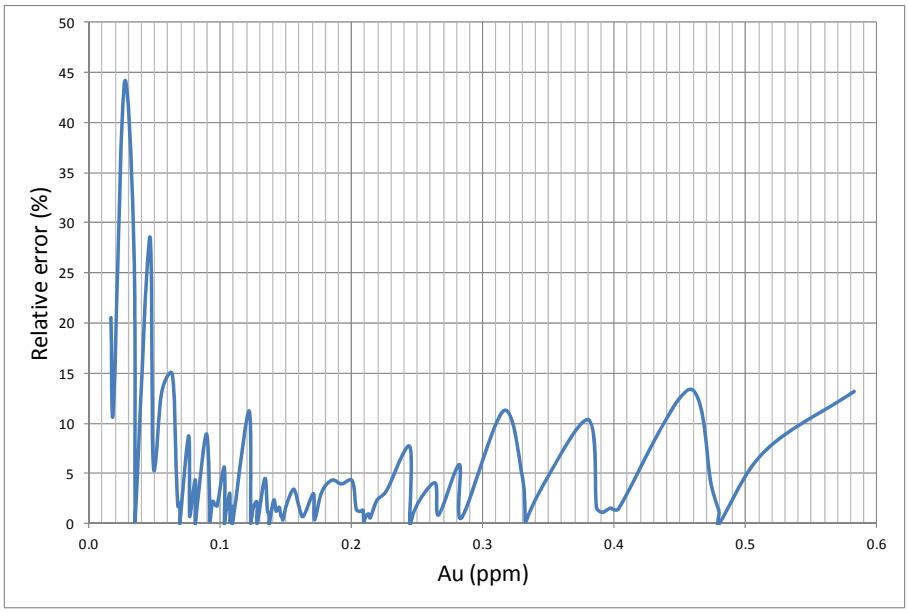


Figure 2: High grades search EU Au 13

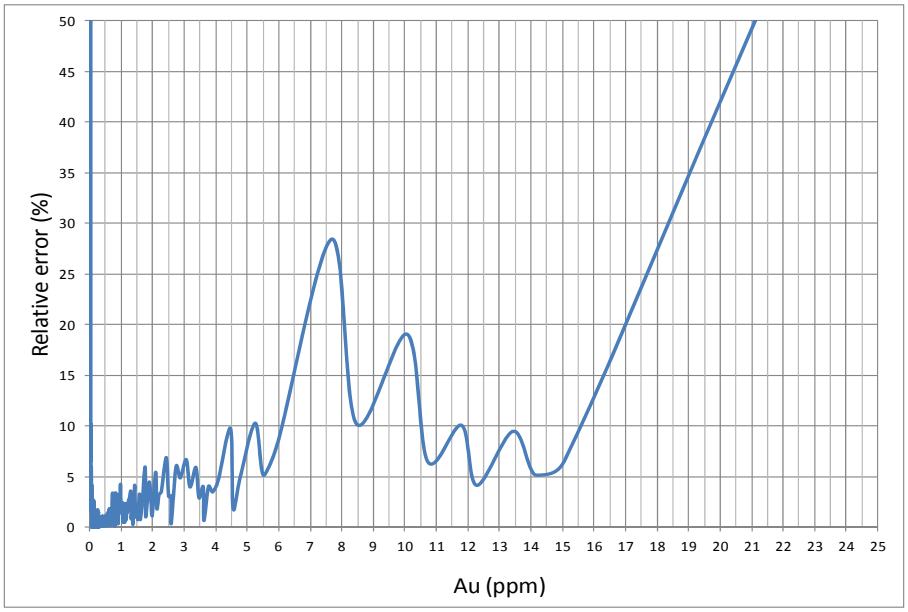


Figure 3: High grades search EU Au 14

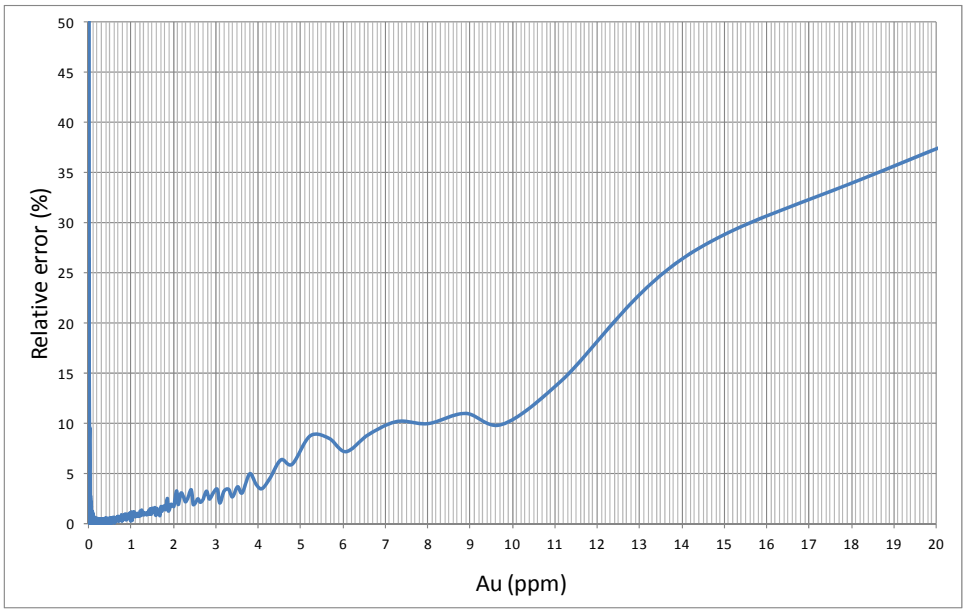


Figure 4: High grades search EU Au 16

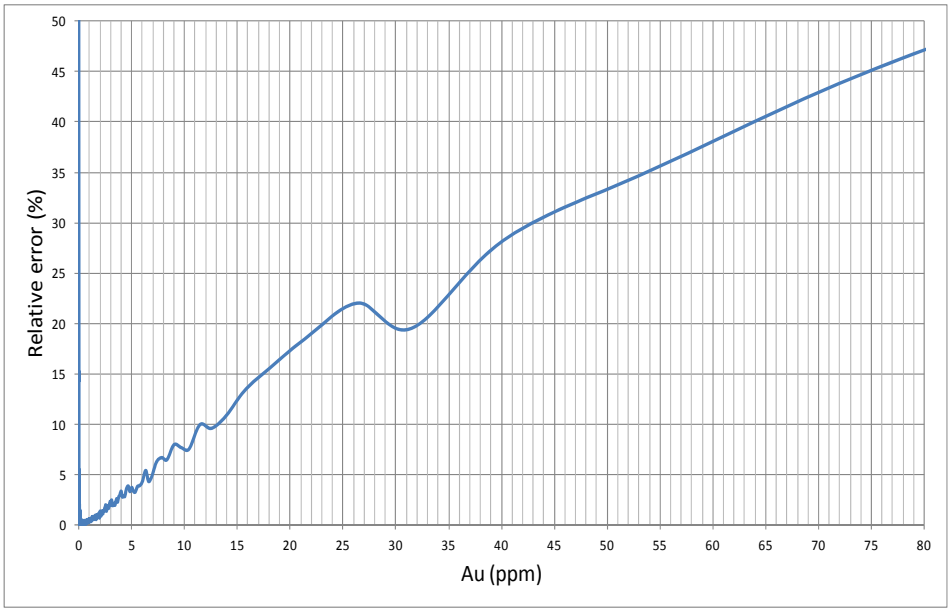


Figure 5: High grades search EU Au 17

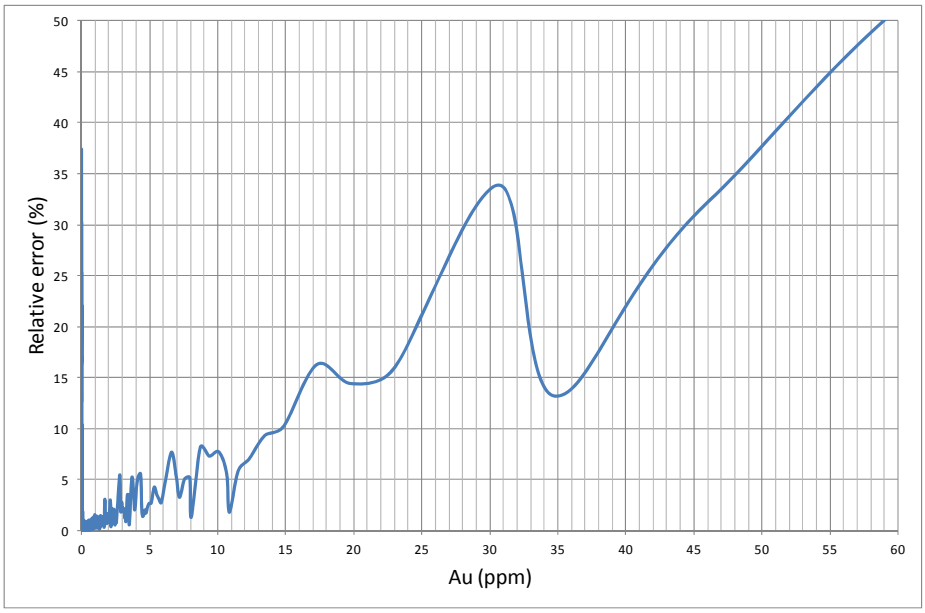
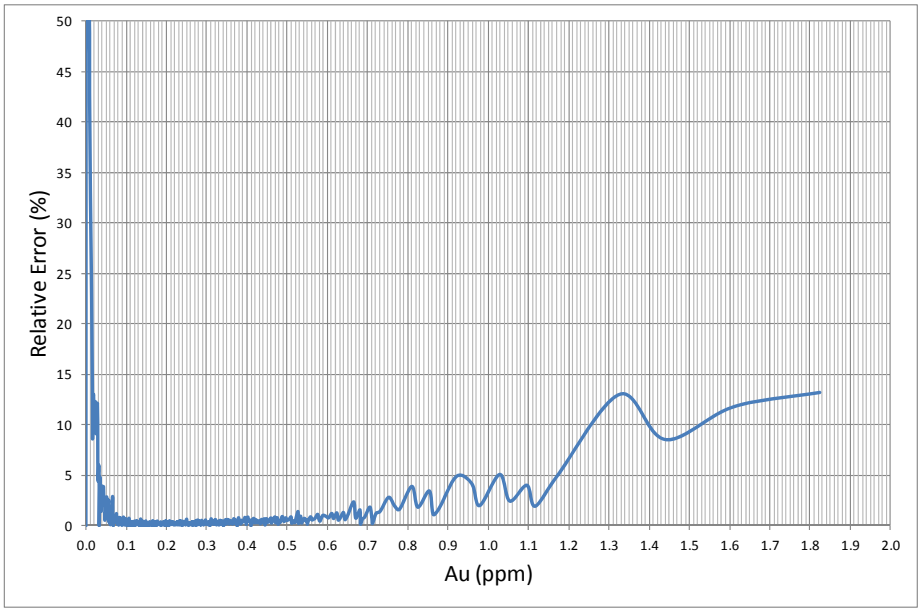


Figure 6: High grades search EU Au 22



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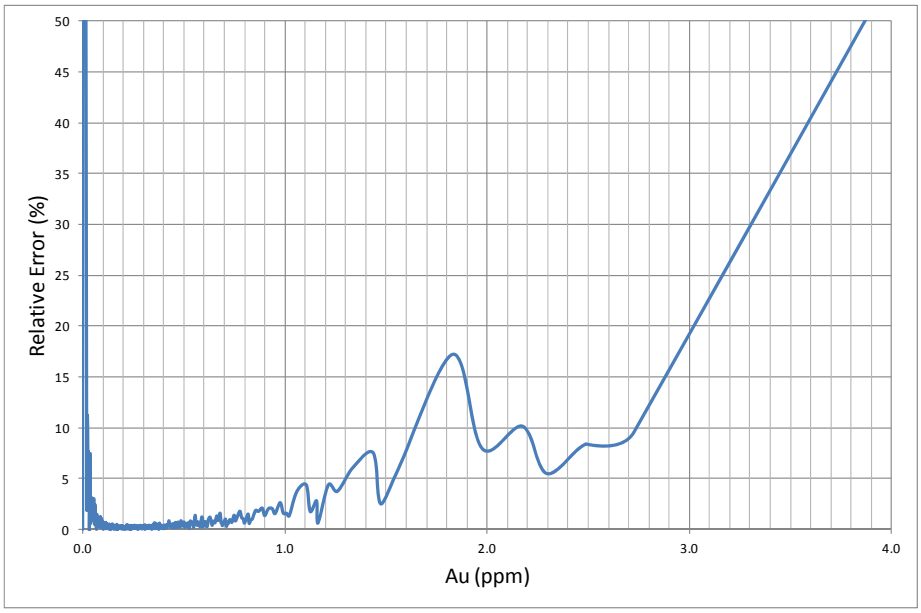


Figure 8: High grades search EU Au 24

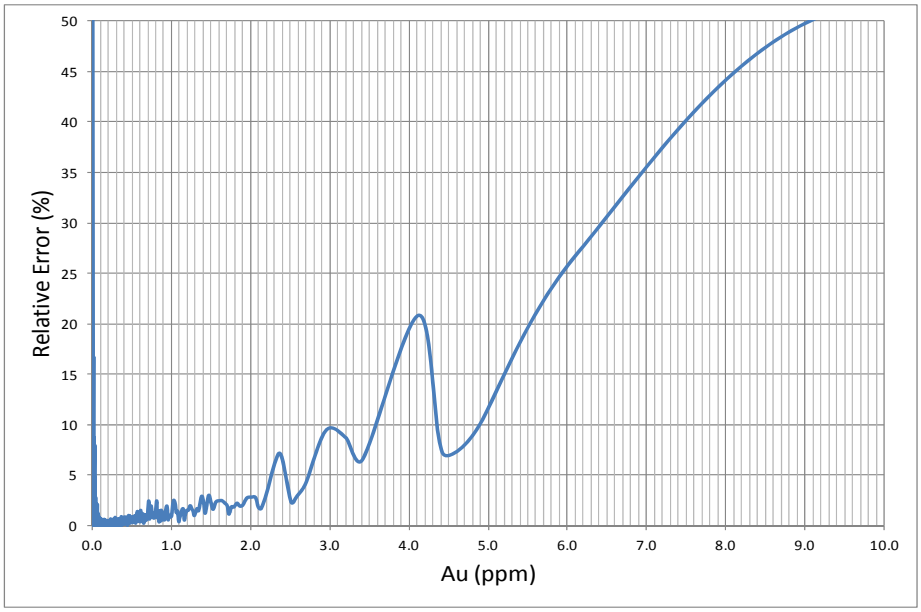
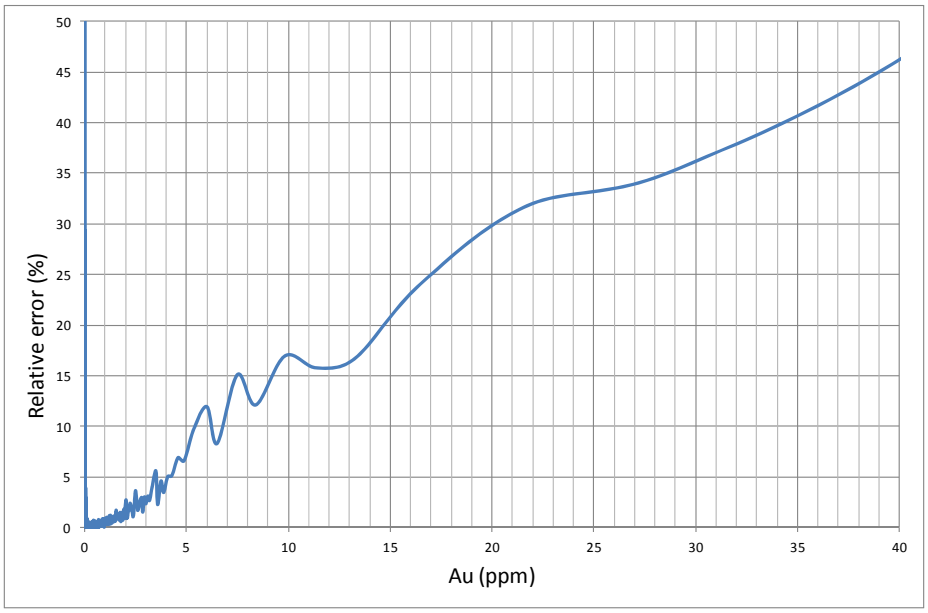


Figure 9: High grades search EU Au 26



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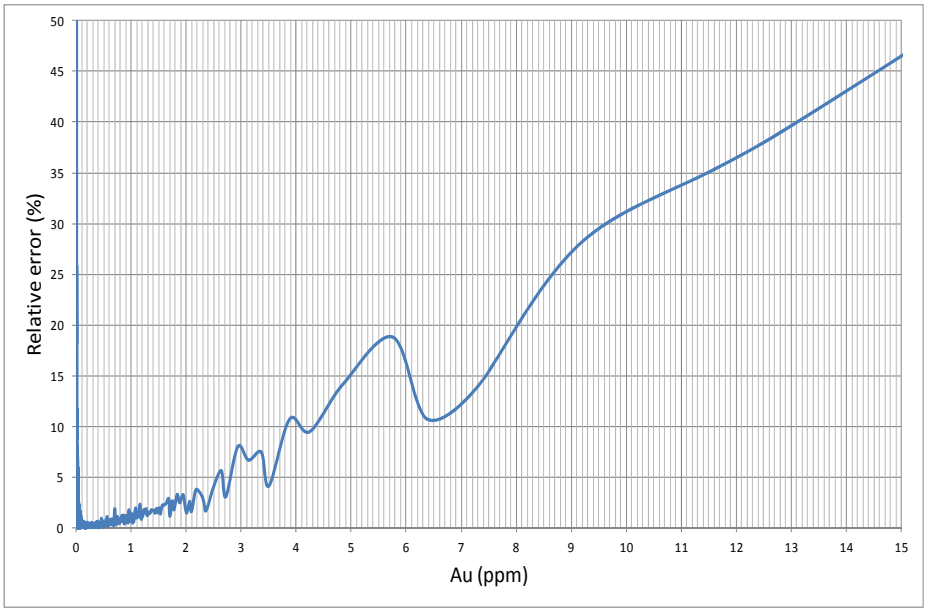

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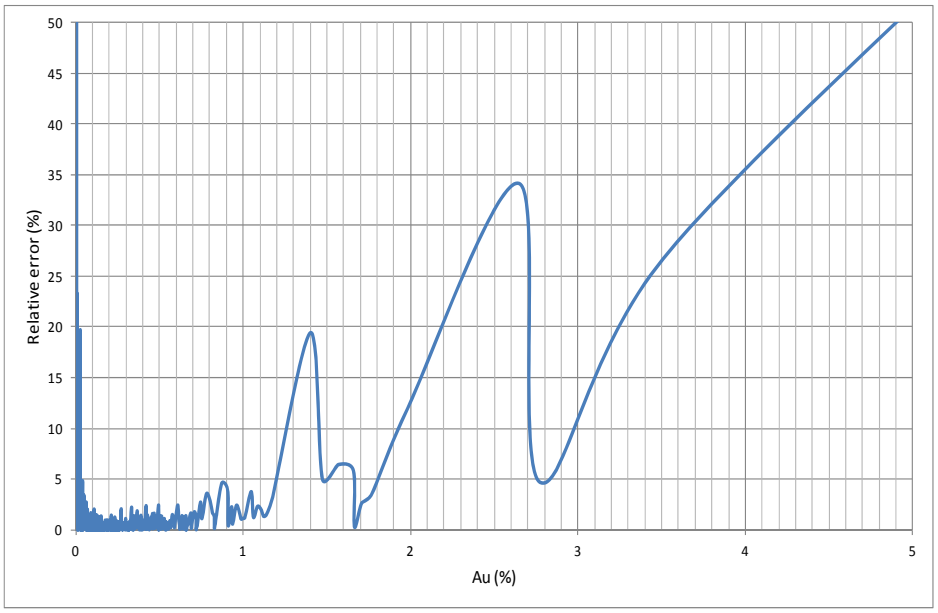

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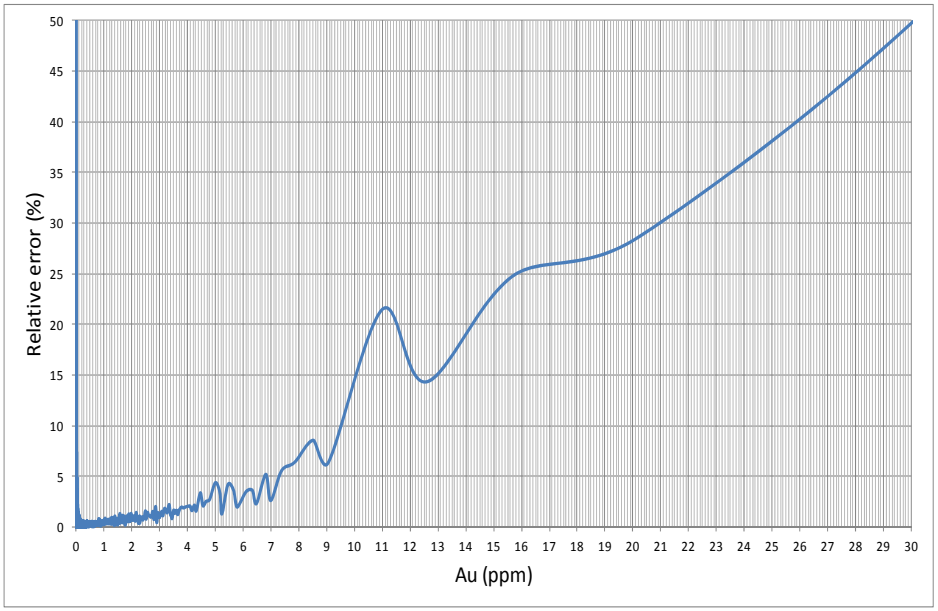

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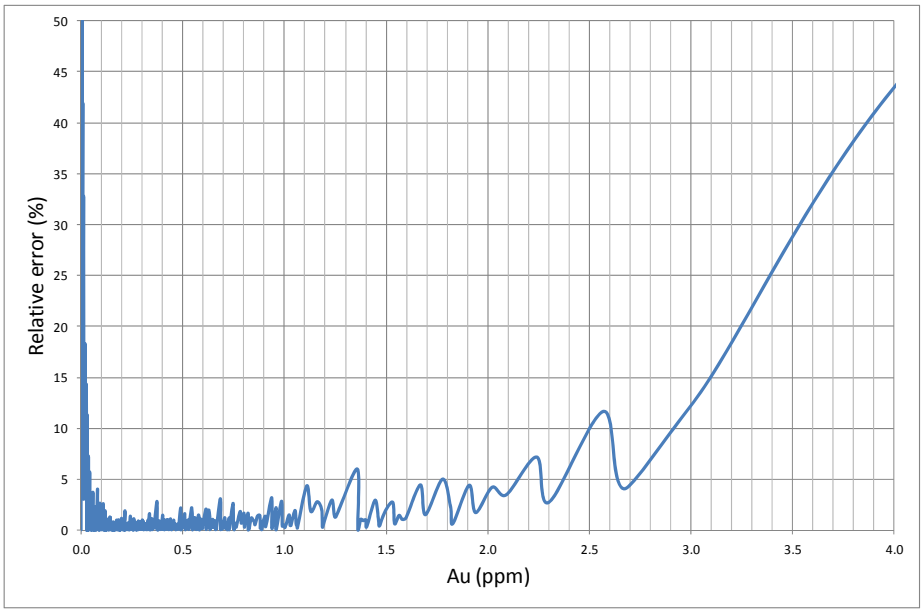

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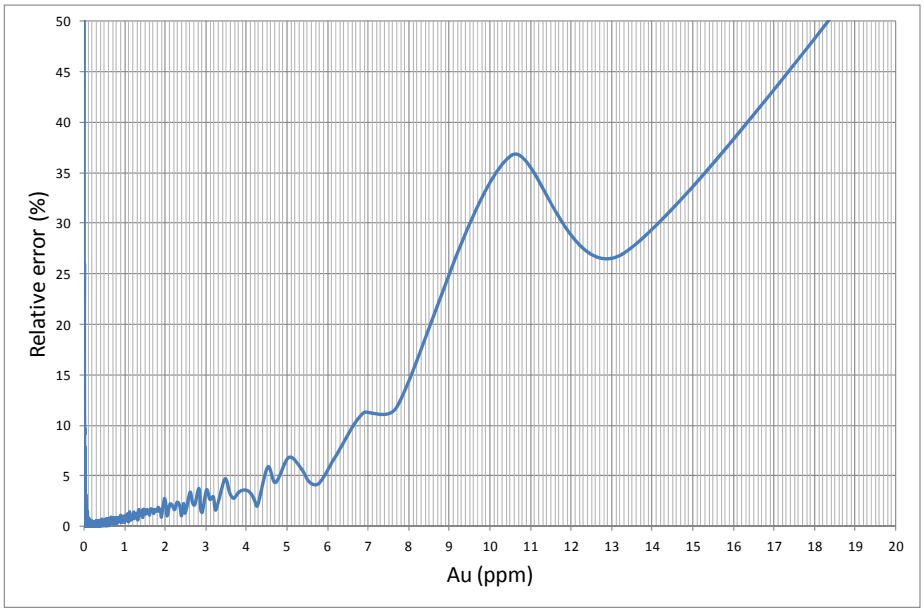

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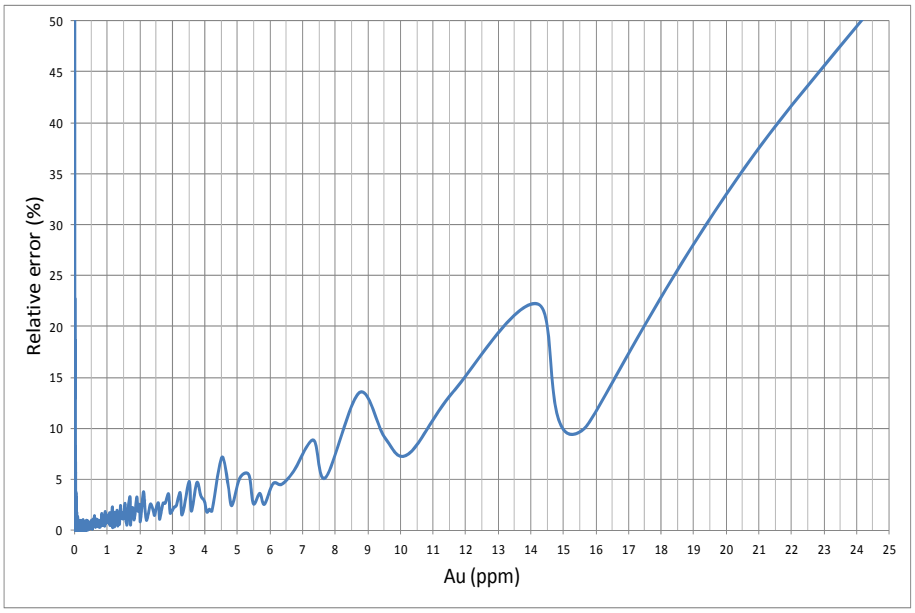

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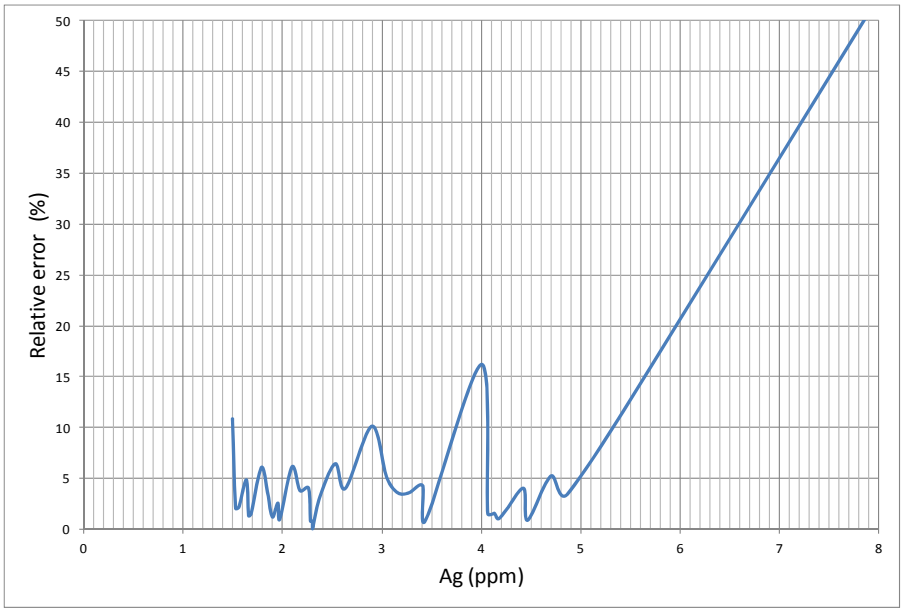

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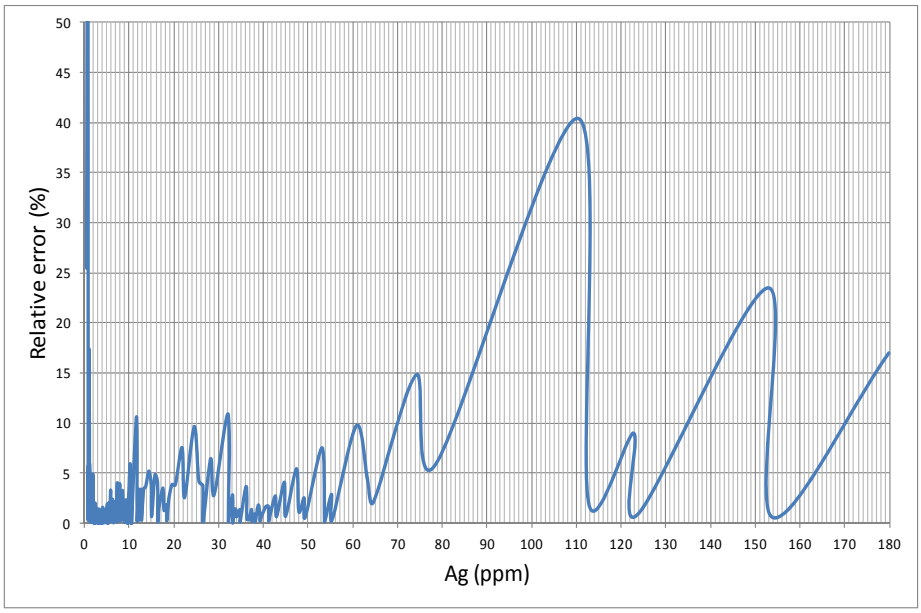

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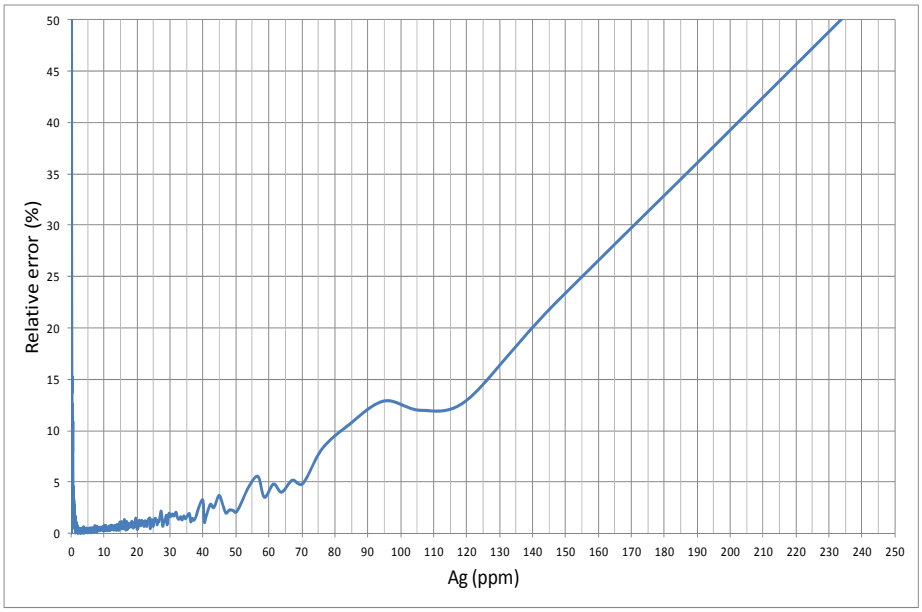

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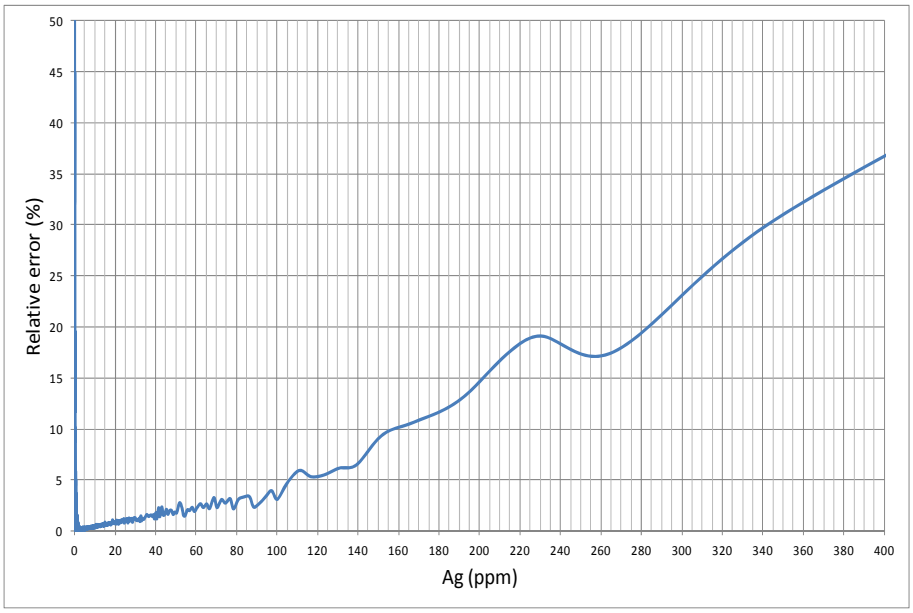

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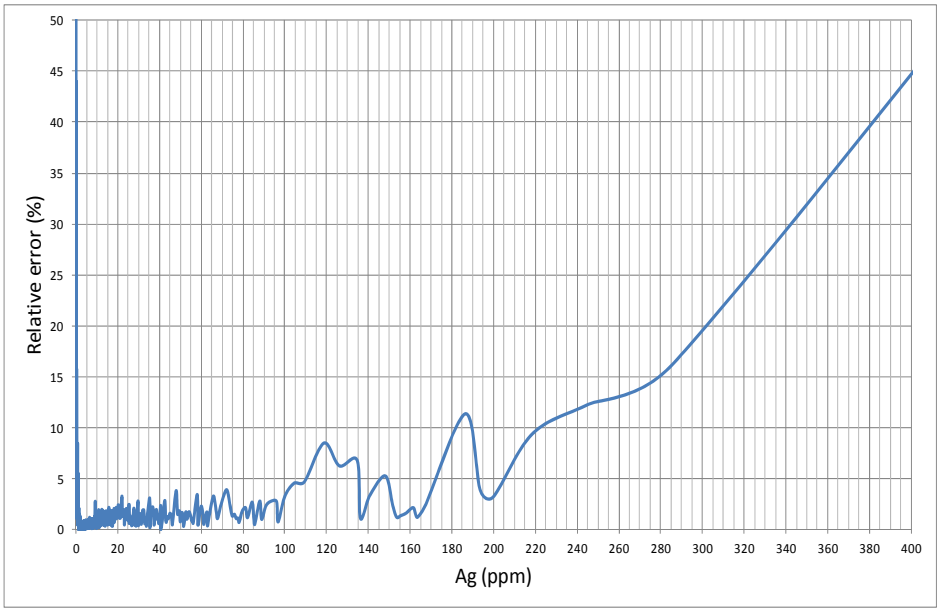

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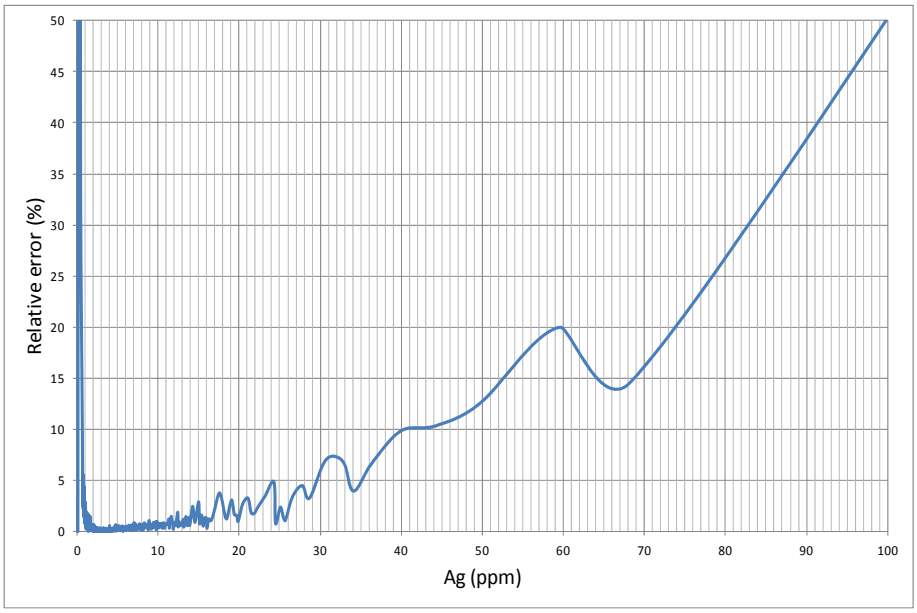

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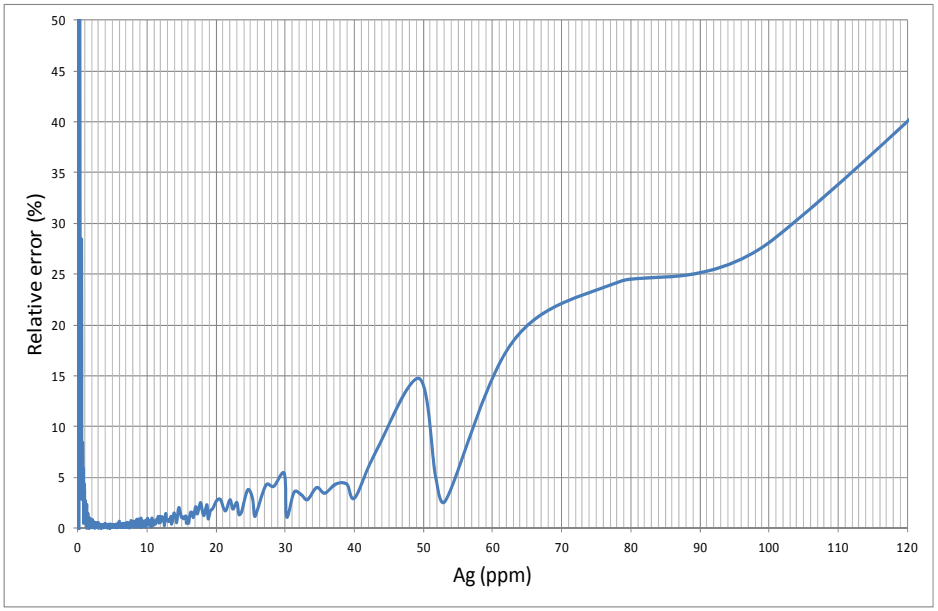

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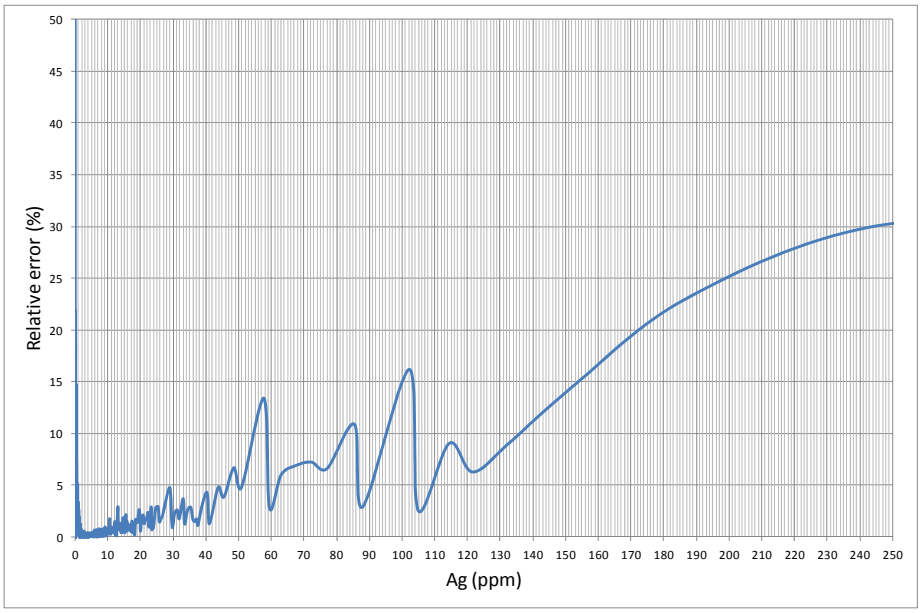

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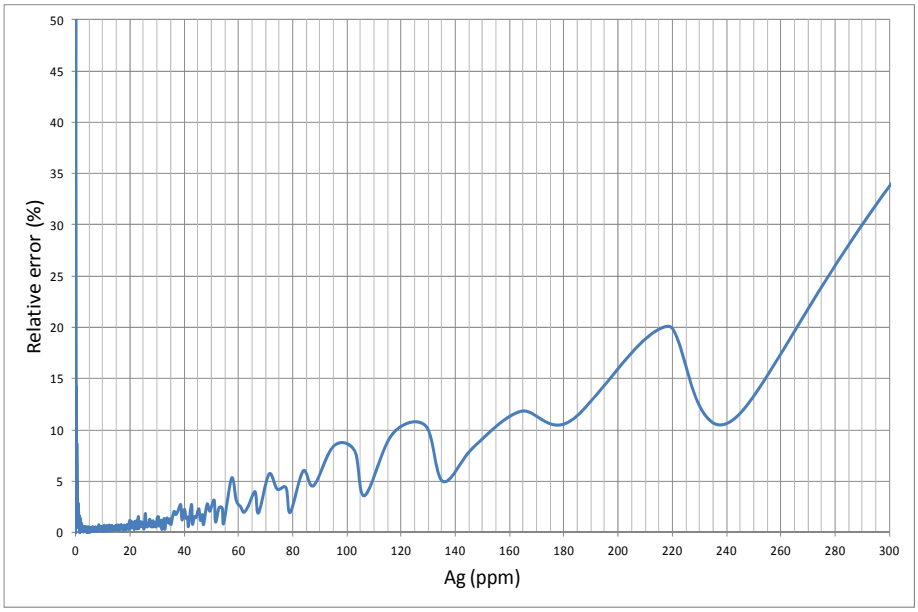

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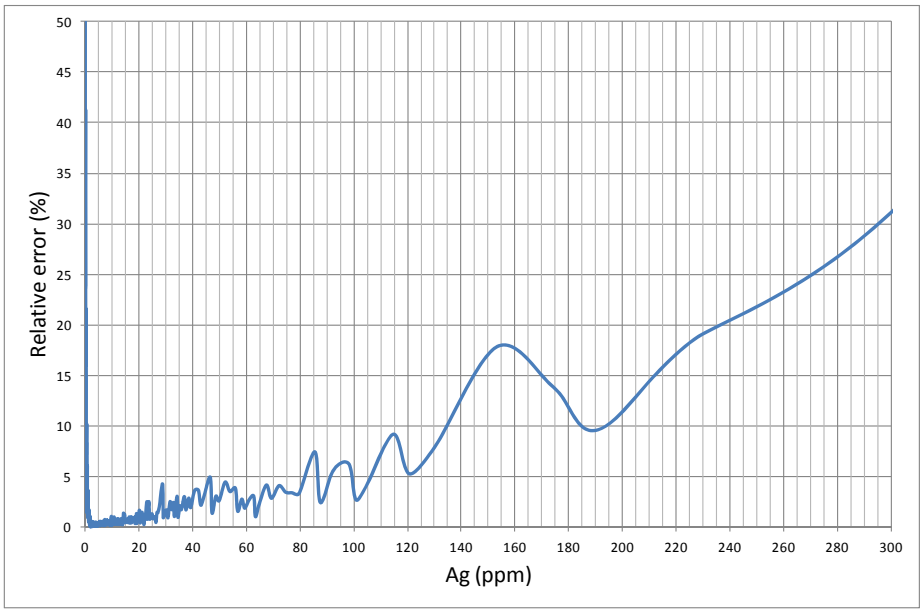

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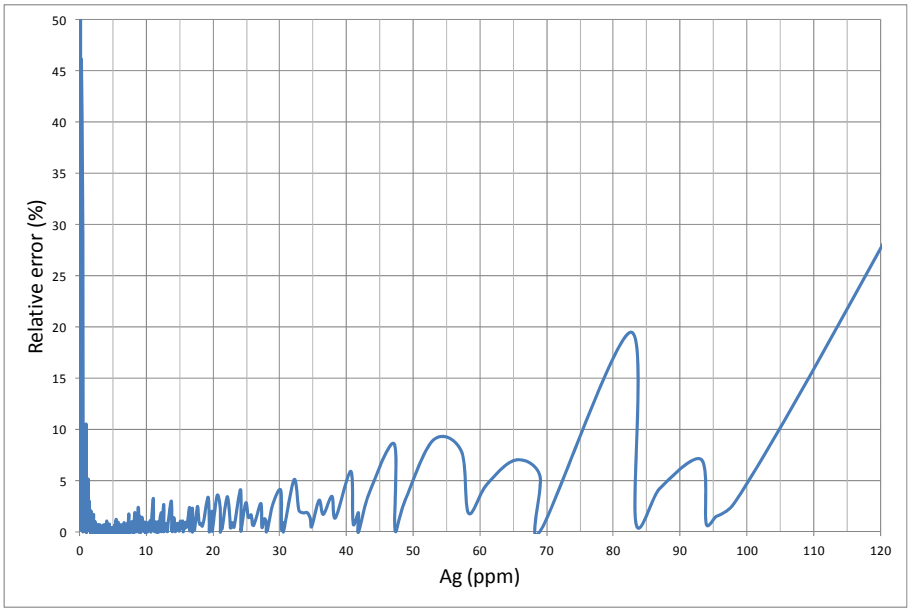

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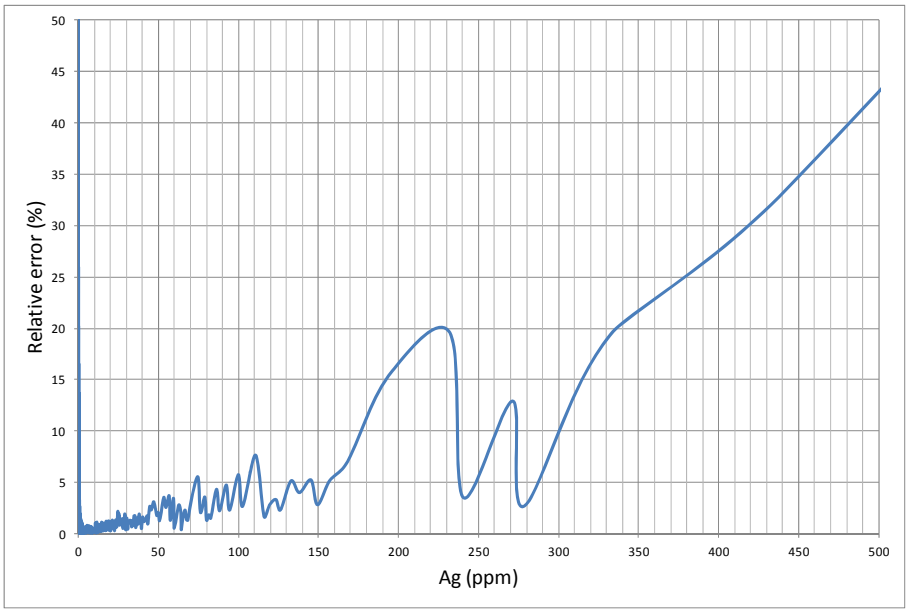

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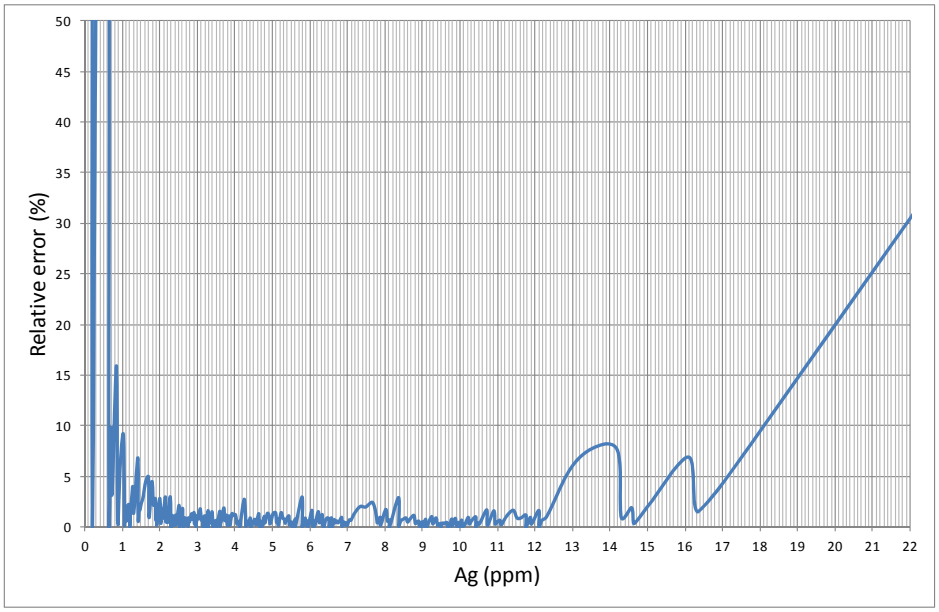

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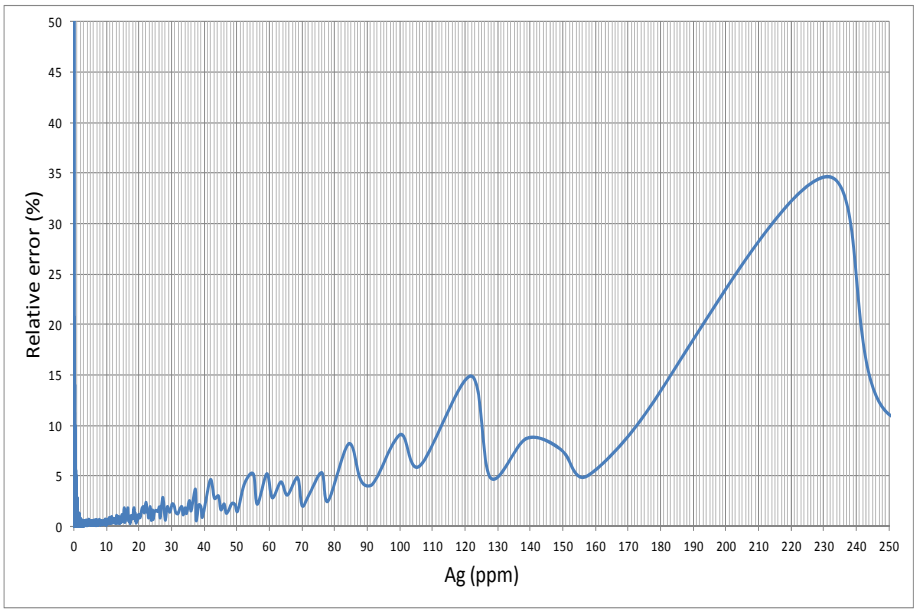

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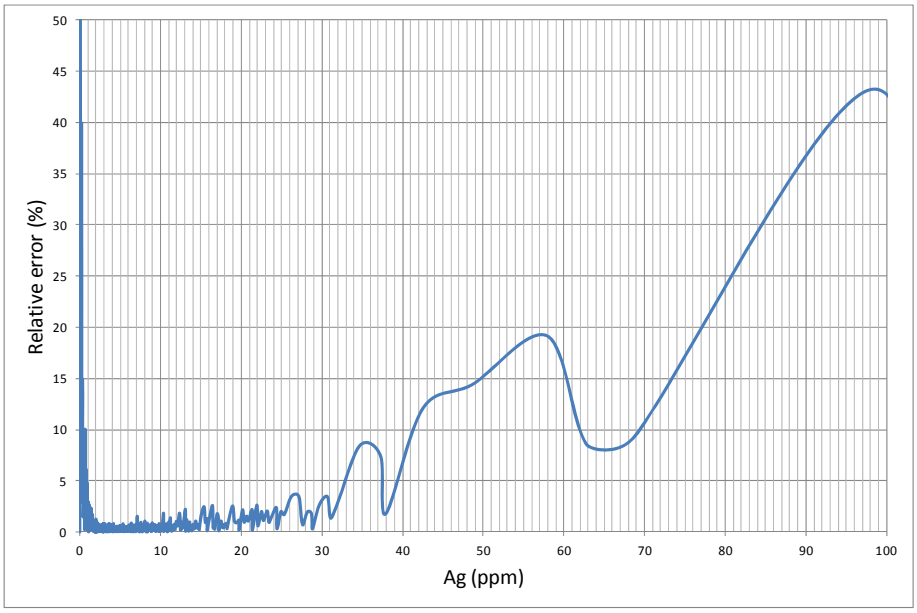

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