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Item  
127

**1995 EXPLORATION PROGRAM  
THREE MILE SPRING PROSPECT**

**ELKO COUNTY, NEVADA**

**LEXAM EXPLORATIONS (U.S.A.) INC.**

5171 Ward Rd, Unit #1  
Wheat Ridge, CO 80033

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February, 1996

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## SUMMARY

The Three Mile Spring prospect is located just north of Wells in Elko County, Nevada. The area is a precious-metal, epithermal, hot spring target. Tertiary siltstones and conglomerates are the predominant rocks in the area, and are generally silicified to some degree. Several strongly silicified faults are present in the vicinity of Three Mile Spring, with anomalous Au-As-Sb-Hg values.

Reconnaissance mapping and rock chip sampling in 1992 identified several areas where anomalous gold values are present with associated anomalous arsenic and antimony. The most prospective of these areas is along the silicified faults east and north of Three Mile Spring, where the highest gold values occur. A TEM survey in 1994 to evaluate the depth to basement in the basin to the west of the prospect did not reveal a drill target. Drilling on the outcropping silicified structures to test for vertical zonation in the system was recommended.

Drilling in 1995 intersected the silicified structures, and encountered thick intercepts of detectable gold (>250 ft in 2 drill holes) associated with the silicified rocks. Unfortunately, suitable grades of gold mineralization were not intersected, with the high gold value being 135 ppb over a 5 ft interval. Gold grades do increase slightly with depth, so a deeper target may be present below the level of current drilling. The depth of such a target could range from 500 ft to several thousand ft below the surface. No further work is recommended for the Three Mile Spring prospect at this time.

## INTRODUCTION

The Three Mile Spring prospect is a precious-metal, epithermal, hot spring-type target hosted by Tertiary sedimentary rocks. The project area is located in Elko County, Nevada, four miles north of the town of Wells (Figure 1). The property is located along the western flank of the southern portion of the Snake Mountains.

Lexam's land position consists of alternating sections of fee minerals and 23 unpatented lode claims in T38N, R62E (Figure 2). Lexam controls a 75% interest in the mineral rights in sections 9, 15, 17, 21, and 27, with Mobil controlling the other 25%. Eighty-nine claims were staked by Lexam in 1990 in sections 16, 20, 22, and 28, but 66 were subsequently dropped in 1992. Surface ownership in the area varies from section to section.

## PREVIOUS INVESTIGATIONS

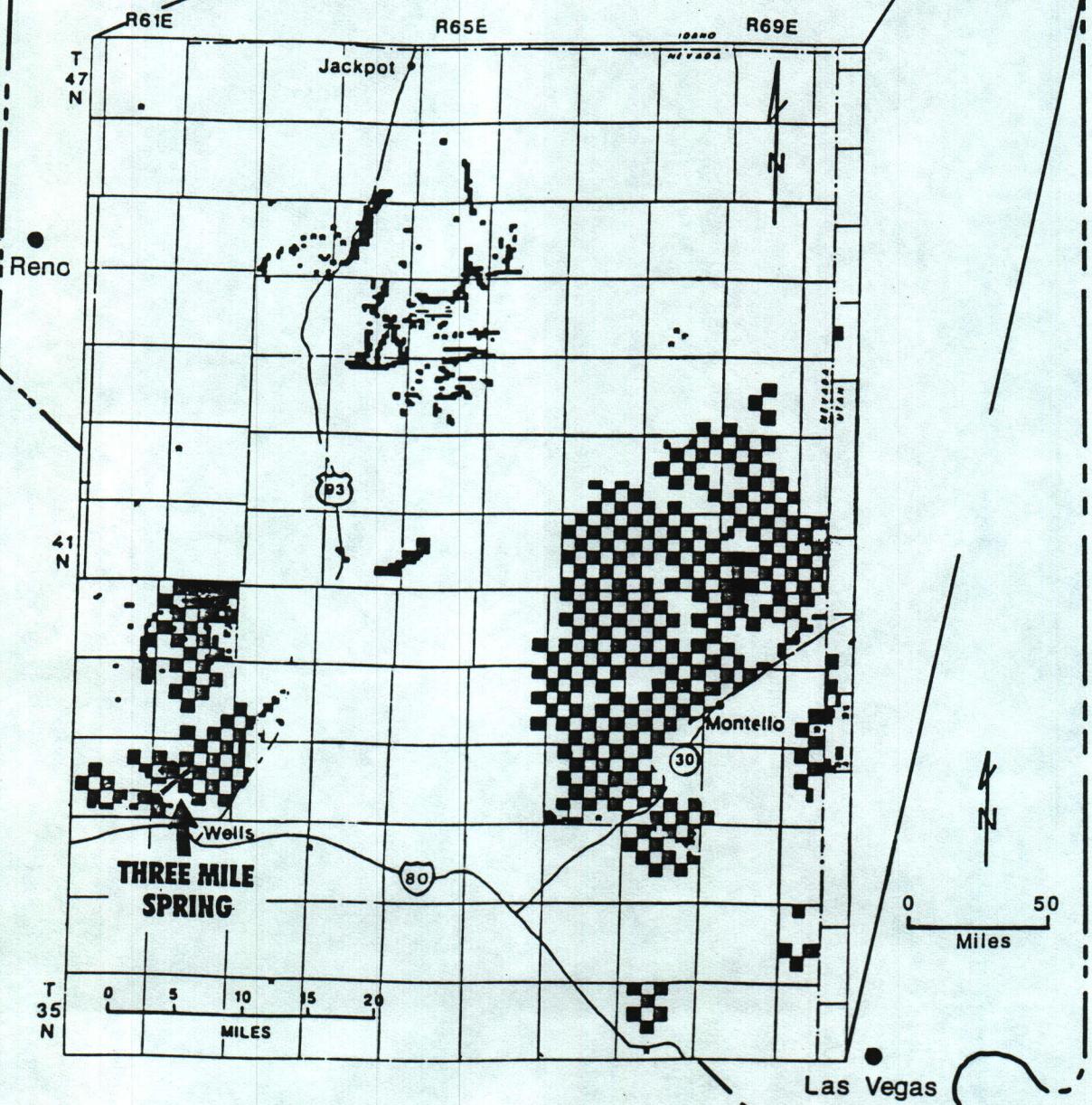
Work by Lexam on the Three Mile Spring prospect began in the late 1980s. In 1988 and 1989, 22 rock chip samples were collected by Lexam in the Three Mile Spring area (Appendix A, Plate 2). These samples were analyzed for Au, Ag, As, Sb, and Hg. Weakly anomalous gold values were discovered, with a high of 96 ppb gold.

In 1992, geologic mapping and rock chip sampling identified several areas of anomalous Au-As-Sb-Hg associated with silicification of Tertiary sediments (Powell, 1993). These geochemical anomalies were strongest along silicified north- and northwest-trending structures (Plates 1 & 3). Work in 1994 on the Three Mile Spring prospect consisted of a time-domain electromagnetic (TEM) survey to evaluate the depth of alluvium in the pediment area west of the range front (Powell, 1995). No suitable target was identified in the basin, but a limited reverse circulation drill program to test the down-dip extension of the major N-S structure was proposed.

## GEOLOGY

The regional geology of the southern Snake Mountains and the local geology and geochemistry of the Three Mile Spring prospect area are discussed in Powell (1993), and will not be repeated here. The geology of the prospect area is shown on Plate 1, rock chip sample locations are compiled on Plate 2, and gold in rock values are plotted on Plate 3. Rock chip analyses and descriptions are tabulated in Appendices A, B, & C.

# NEVADA



LEXAM EXPLORATIONS (U.S.A.) INC.

THREE MILE SPRING PROSPECT

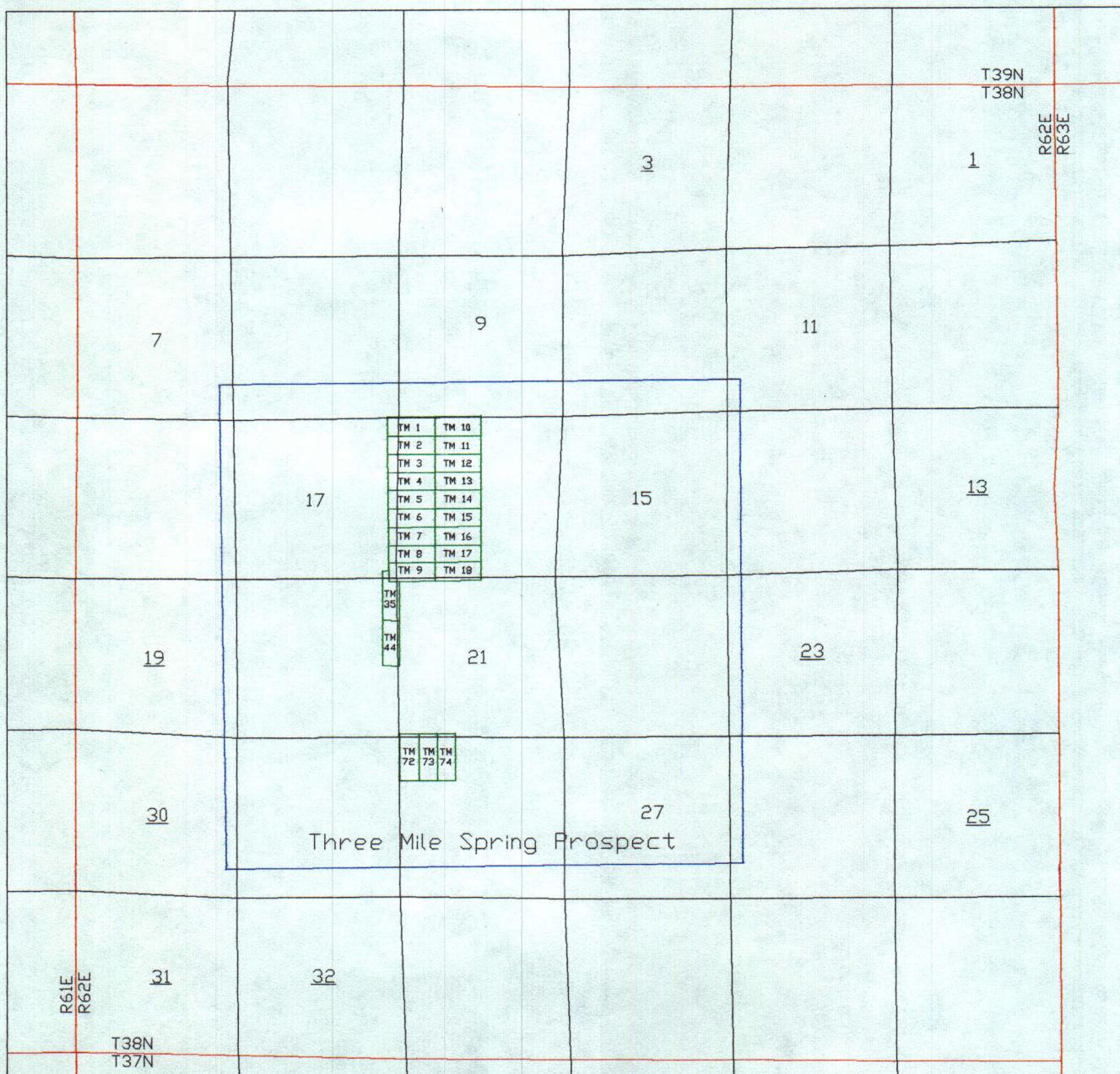
PROPERTY  
LOCATION MAP

DATE  
2/1995

SCALE

MAP BY

Figure 1



Project Area

Claim Group

N  
↗

21 Section where Lexam has 75% mineral rights

23 Section where Lexam has less than 75% mineral rights

0 5000 10,000  
Feet

LEXAM EXPLORATIONS (U.S.A.) INC.

THREE MILE SPRING PROSPECT

Elko County, Nevada

FIGURE 2: MINERAL OWNERSHIP

## 1995 DRILL PROGRAM

### Drill Procedures

A limited reverse circulation drill program was carried out at the Three Mile Spring prospect in 1995. Approximately 1000 ft of access road and two drill pads were constructed by Griswold Earthmoving using a D-7 dozer, for a cost of \$600. Two angle holes were drilled, for a total of 1000 ft. Hackworth Drilling of Elko, Nevada, was contracted to carry out the drill program. Drilling began on July 11, 1995, and was completed on July 13, 1995. The drill was an Ingersoll Rand TH-60, using a down hole hammer. Direct drilling costs at Three Mile Spring were \$7.08/ft. Both drill pads and access roads were reclaimed and seeded in November, 1995, for a cost of \$600.

The top of each hole was drilled dry, but warm water was encountered in both holes at depth. Samples were collected for each 5 ft interval, and were split at the rig using a Gilson splitter or a rotating hydraulic wet splitter. Samples were analyzed by Chemex Labs, Inc., of Elko, Nevada. Each sample was analyzed for gold (30g FA-AAS) and a 32 element ICP-AES suite. Geochemical analyses are tabulated in Appendix D, and drill logs are presented in Appendix E. Figures 3 & 4 are vertical sections for each drill hole. Histograms of the drill hole geochemistry are presented on Plate 4.

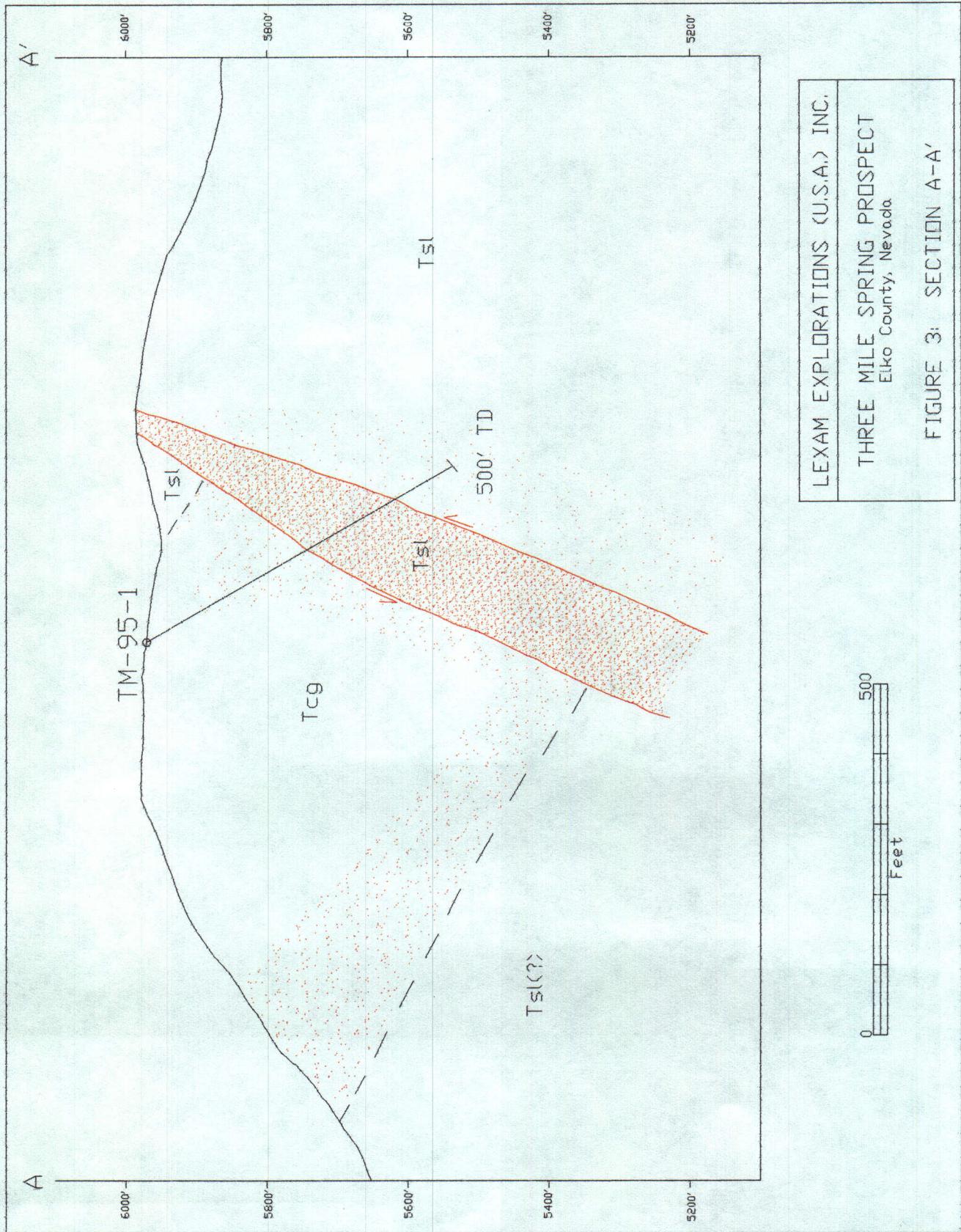
### Drill Targets

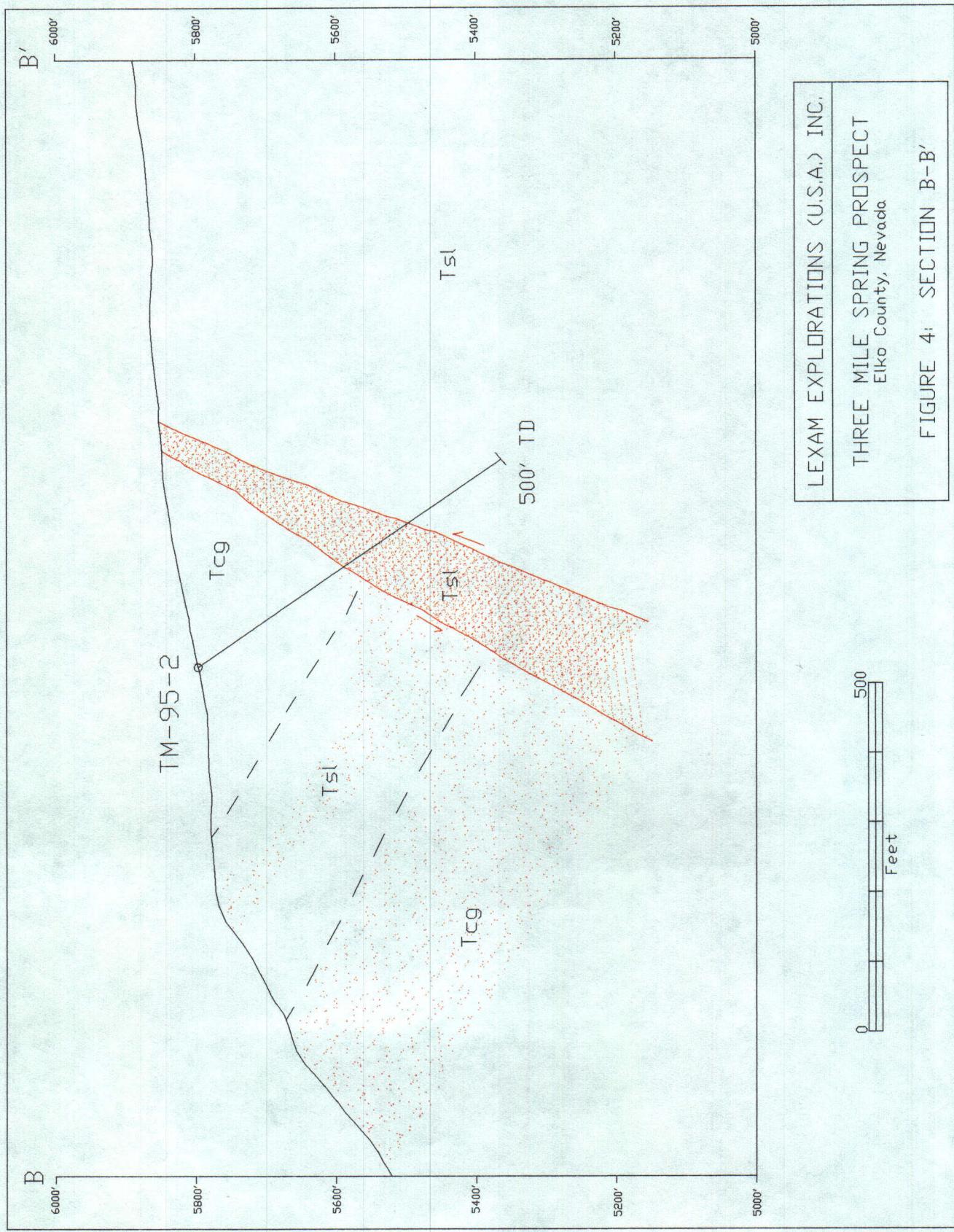
Both drill holes were designed to test the major N-S structure to the east of Three Mile Spring. Minor gold values up to 55 ppb, with associated As and Sb, were found in rock chip samples along the structure. The holes were designed to intersect the structure at a depth of 200 to 300 ft below the surface, to determine if vertical zonation was present along the structure. Both holes were angle holes drilled at -60° to the east (Plate 1), to a depth of 500 ft each.

### Drill Results

TM-95-1 encountered variably silicified conglomerate and sandstone from 0 to 260 ft. From 260 to 468 ft, strongly silicified siltstone, with local sandstone horizons, was present. The top of this zone corresponds to the top of the fault zone (Figure 3). The bottom of the fault zone is probably around 400 ft, where silicification begins to decrease. From 468 to 500 ft, fine-grained sandstone with minor siltstone was intersected. Fine-grained pyrite (generally  $\leq 1\%$ ) is present almost continuously below 120 ft, with some pyritic intervals present above 120 ft.

Detectable gold values are scattered throughout TM-95-1, with continuous detectable gold below 245 ft (Plate 4). The high gold value is 30 ppb at 310 ft. Elevated silver values (0.8 to 1.4 ppm Ag) from 255 to 320 ft mark the upper part of the fault zone. A zone of elevated As-Hg-Tl-Mo±Sb occurs just below the elevated Ag, from 325 to 385 ft.





No distinct geochemical change marks the various lithologic boundaries, probably due to the degree of alteration (silicification) present throughout the hole.

TM-95-2 encountered less silicification than TM-95-1, but similar lithologies. From 0 to 232 ft, weakly silicified conglomerates were intersected. From 232 to 240 ft, a clay fault gouge layer was encountered. Moderately to strongly silicified siltstones and sandstones were present from 240 to 350 ft. Below 350 ft, weakly silicified siltstones and fine-grained sandstones were present. Rocks above the clay gouge were oxidized, with minor pyrite present below the clay. The zone of strong silicification from 240 to 350 ft marks the main fault zone (Figure 4).

No detectable gold is present in the upper 245 ft of TM-95-2, except for one sample in the surface alluvium, while continuous detectable gold values are present below 245 ft. The high gold value is 135 ppb at 265 ft. The gold values in TM-95-2 are significantly higher than those in TM-95-1, with assays generally 2 to 4 times greater in TM-95-2. Elevated silver values mark the fault zone, along with anomalous Mo and W. The fault zone is geochemically distinct from the units above and below it, and there is also a geochemical change between the conglomerates above the fault zone and the siltstones below (Plate 4).

Both holes encountered similar rocks, and intersected the silicified structure at similar levels, as expected. Silicification is pervasive throughout TM-95-1, while it is generally weak in TM-95-2 except in the fault zone itself. Gold values, on the other hand, are greater in TM-95-2, suggesting an increase in gold mineralization to the north. Also, fluid flow in the vicinity of TM-95-2 may have been restricted to the main fault zone, whereas it was more widespread in TM-95-1, as evidenced by the silicification throughout the hole. The zone of elevated As-Hg-Tl-Mo $\pm$ Sb in TM-95-1 may indicate a separate pulse of mineralization that was not present in TM-95-2. This As-Hg-Tl-Mo $\pm$ Sb mineralization may have preceded or followed the main Au-Ag mineralization present in the main fault zone in both holes.

## GEOLOGIC MODEL

A schematic cross section of an idealized hot spring precious-metal deposit (after Berger, 1985), is shown in Figure 5. Geologic features and trace element patterns are shown on the diagram. No scale is given because spatial relations vary from one deposit to the next (Berger, 1985). Silica sinter is formed at the surface of such deposits, with an underlying zone of extensive silicification. Antimony, arsenic, gold, silver, and mercury are present locally in the sinter, with disseminated arsenic, antimony, gold, silver, and thallium in the silicified zone. Below the silicification is commonly an area of stockwork quartz veins with higher values of gold and silver with arsenic, antimony, and thallium. Hydrothermal brecciation with similar mineralization is common below the stockwork veins, with quartz-sulfide veins making up the base of the system.

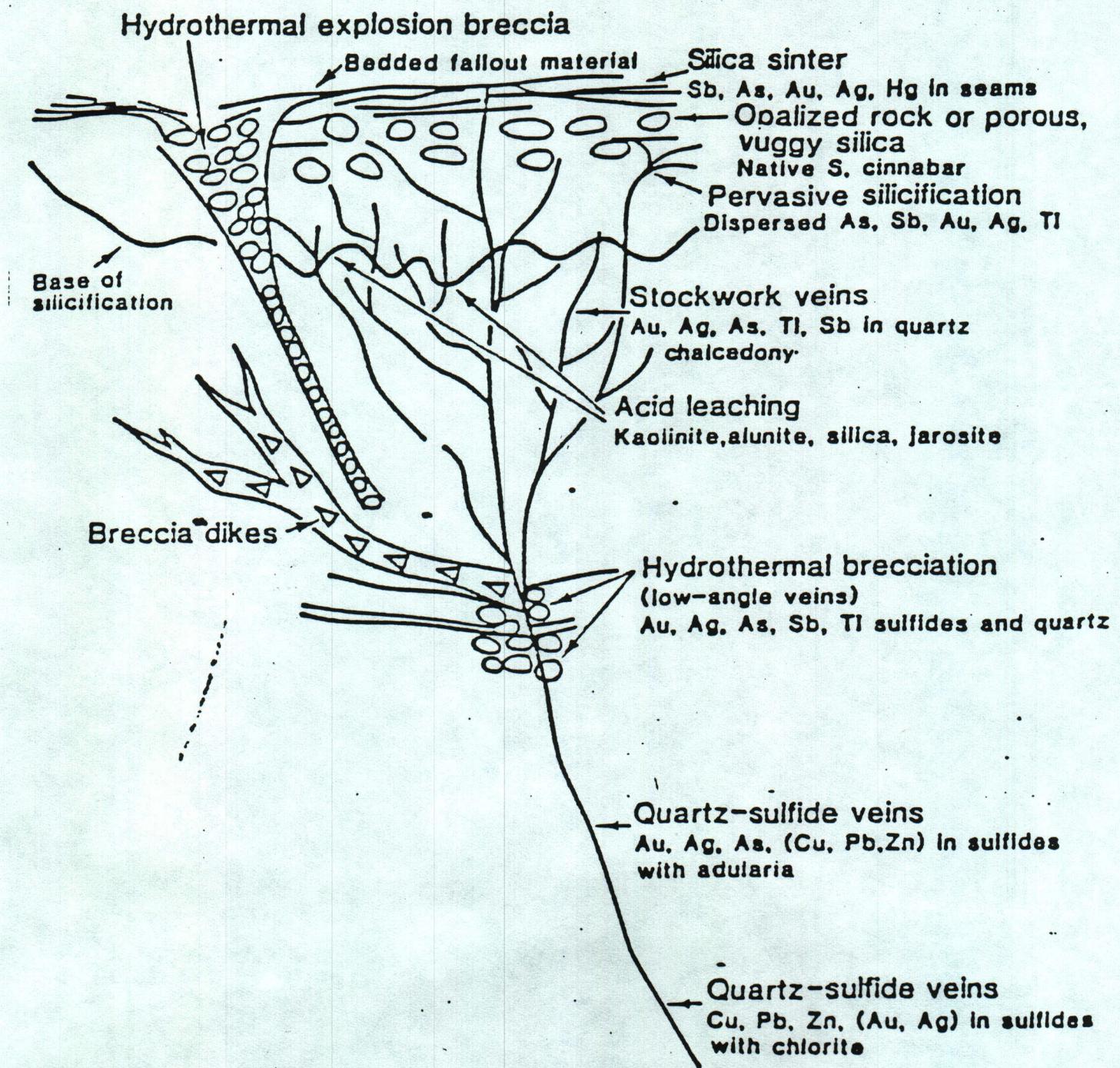


Figure 5: Cross Section of a Hot Spring Precious-Metal Deposit. Showing generalized geology and geochemical zoning (from Berger, 1985).

The Three Mile Spring prospect shows extensive areas of strongly silicified rocks that have anomalous values of gold, silver, arsenic, and antimony, both at the surface and at depth in the drill holes. These silicified rocks are analogous to the zone of pervasive silicification in Figure 5. The silicified faults in the area represent the main fluid conduits in the hydrothermal system, and thus are most strongly silicified. The lack of a silica sinter on the top of the silicified zone is likely the result of erosion down to the zone of pervasive silicification since the time of mineralization. The presence of active warm springs in the area lends credence to the idea that the observed silicification was produced by a hot spring system.

Drilling in 1995 was designed to test the possibility of vertical zonation at the Three Mile Spring prospect. Drill results indicate that gold values are increasing with depth, from a high of 55 ppb in a select rock chip sample at the surface to 135 ppb over a five ft interval in TM-95-2. The drill hole intercepts, though, appear to still be within the zone of pervasive silicification. Increased precious-metal values may be present in a stockwork vein zone at deeper levels than the drill holes intersected. Depths to these possible higher grade zones could range from 500 ft to several thousand ft deep.

## CONCLUSIONS

Although gold values do appear to increase with depth at the Three Mile Spring prospect, the increase is not of the magnitude expected, and no economic or near-economic mineralization was intersected. The degree of increase in mineralization from surface to the depths of the drilling is not enough to warrant additional drilling at this point. The prospect still has some potential for increasing precious-metal values with depth or along strike. In the future, changing economic conditions may warrant additional drilling at Three Mile Spring.

## RECOMMENDATIONS

No further work is recommended for the Three Mile Spring prospect at this time. The claims that are currently held should be dropped. The most promising area for future drilling, should economic conditions warrant, falls within section 21 (Plate 1), where Lexam already holds 75% of the mineral rights (Figure 2).

## REFERENCES

- Berger, B. R., 1985, Geologic-geochemical features of hot-spring precious-metal deposits: U. S. Geol. Surv. Bull. 1646, p. 47-53.
- Powell, J. L., 1993, 1992 exploration program, Three Mile Spring prospect, Elko County, Nevada: unpublished report for Challenger Gold, Inc., 19p.
- Powell, J. L., 1995, 1994 exploration program, Three Mile Spring prospect, Elko County, Nevada: unpublished report for Lexam Explorations, Inc., 34p.

**APPENDIX A: 1988 & 1989 ROCK ANALYSES AND DESCRIPTIONS**

THREE MILE SPRING PROSPECT, ELKO COUNTY, NEVADA-1988&1989 ROCK ANALYSES

Sample Number	Au ppb	Au opt	Ag ppm	As ppm	Sb ppm	Hg ppm	File Number
TW-89- 271	7	0.000	0.27	91	5	0.18	ABER032
TW-89- 272	27	0.001	0.08	15	3	0.08	ABER032
TW-89- 273	<7	0.000	0.10	58	3	0.08	ABER032
TW-89- 274	10	0.000	0.14	22	4	0.12	ABER032
TW-89- 275	10	0.000	0.09	56	4	0.12	ABER032
TW-89- 276	7	0.000	0.10	40	2	0.15	ABER032
TW-89- 277	10	0.000	0.30	64	5	0.06	ABER032
TW-89- 278	14	0.000	0.06	50	3	0.12	ABER032
TW-89- 279	7	0.000	0.32	18	1	0.16	ABER032
TW-89- 280	24	0.001	0.50	53	2	0.26	ABER032
TW-89- 281	34	0.001	0.46	46	2	0.18	ABER032
3MS-#1	96	0.003	2.74	64	10	0.29	ABER012
3MS-#2	21	0.001	0.16	12	3	0.05	ABER012
31858	30	0.001	0.80	30	<2	1.00	BC-999-1947
31859	10	0.000	0.80	4	3	2.50	BC-999-1947
31860	20	0.001	0.60	18	<2	0.30	BC-999-1947
31861	20	0.001	0.80	28	5	0.25	BC-999-1947
31862	30	0.001	0.30	25	<2	1.20	BC-999-1947
31863	50	0.001	1.10	24	<2	>5.00	BC-999-1947
31864	30	0.001	1.00	44	2	0.25	BC-999-1947
31865	25	0.001	0.20	15	<2	0.52	BC-999-1947
31866	10	0.000	0.40	<2	<2	0.05	BC-999-1947
# Samples	22						
Maximum	96	0.003	2.74	91	10	>5.00	
Minimum	0	0.000	0.06	0	0	0.00	
Average	22	0.001	0.51	35	3	0.36	
Std Dev	20	0.001	0.57	22	2	0.55	

Sample Number	Location	Sec	Twnsp	Range	Description
TW-89- 271		16	38N	62E	Float, tan-brown, limonite stained, f-gr tuff, ss w/ sparse rounded pebbles
TW-89- 272		16	38N	62E	Outcrop, road cut, pink-red, hematite stained tuff ss
TW-89- 273		16	38N	62E	Outcrop, grey-tan, limonite st. mod silicified, pebble-boulder conglomerate
TW-89- 274		16	38N	62E	Outcrop, same as 273, but strongly silicified
TW-89- 275		15	38N	62E	Tan, limon st, vuggy, wkly-mod silicified breccia of f-gr tuff sed, abun open space & angular fracture
TW-89- 276		15	38N	62E	Tan-white, limonite stained tuff sed
TW-89- 277		15	38N	62E	Brown, limonite stained, vuggy(leached), pebble cong!?, mod-strongly silicified
TW-89- 278		15	38N	62E	Purple, hematite stained, strongly silicified pebble cong/breccia?
TW-89- 279		21	38N	62E	
TW-89- 280		21	38N	62E	
TW-89- 281		21	38N	62E	
3MS-#1		20	38N	62E	
3MS-#2		20	38N	62E	
31858		28	38N	62E	
31859		28	38N	62E	
31860		28	38N	62E	
31861		20	38N	62E	
31862		21	38N	62E	
31863		20	38N	62E	
31864		16	38N	62E	
31865		16	38N	62E	
31866		17	38N	62E	

**APPENDIX B: 1992 ROCK ANALYSES**

## THREE MILE SPRING PROSPECT, ELKO COUNTY, NEVADA - 1982 ROCK ANALYSES

Sample Number	Au ppb	Au ppb	Ag ppm	As ppm	Sb ppm	Hg ppm	Tl ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	W ppm	Bi ppm	Cd ppm	Cr ppm	Co ppm	Ni ppm	U ppm	V ppm	Ba ppm	Be ppm	Ga ppm	La ppm	Mn ppm	P ppm	Sc ppm	Sr ppm	Ti ppm	Al ppm	Ca ppm	Fe ppm	K ppm	Mg ppm	Na ppm
P-2-49	10	0.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
P-2-50	5	0.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
P-2-51	55	0.002	1.2	42	0	1	0	16	50	8	31	0	0	0	0	0	0	0	15	140	0	0	0	0	0	0	0	0	0	0.36	0.03	0.00		
P-2-52	30	0.001	1.4	12	0	19	0	0	4	2	8	16	0	0	0	0	0	0	5	150	0	0	0	0	0	0	0	0	0.43	0.08	0.01			
P-2-53	15	0.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	40	380	0.5	10	20	800	0	0	0	0.17	0.02	0.01				
P-2-54	25	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	41	130	1.5	10	10	470	1	51	0.00	0.69	0.08	0.12	0.00			
P-2-55	20	0.001	0.2	68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	60	0	0	0	0	0	0	0	0	0.14	0.10	0.03			
P-2-56	40	0.001	0.6	38	0	0	0	10	8	31	0	0	0	0	0	0	0	0	19	110	0	0	0	0	0	0	0	0	0.38	0.38	0.05			
P-2-57	15	0.000	0.6	82	4	1	0	15	8	6	21	0	0	0	0	0	0	0	19	120	0.5	0	0	0	0	0	0	0	0.55	0.26	0.00			
P-2-58	15	0.000	0.2	16	0	1	0	5	14	10	49	0	0	0	0	0	0	5	80	0.0	0	0	0	0	0	0	0	0.80	0.52	0.00				
P-2-59	0	0.000	0.2	18	0	0	0	4	12	8	0	0	0	0	0	0	0	15	130	0.5	0	0	0	0	0	0	0	0.37	0.03	0.00				
P-2-60	45	0.001	0.2	64	2	1	0	6	6	12	9	0	0	0	0	0	0	11	100	0	0	0	0	0	0	0	0	0.00	0.21	0.03				
P-2-61	40	0.001	0.0	78	0	0	0	10	8	12	4	0	0	0	0	0	0	11	140	0	0	0	0	0	0	0	0.39	0.18	0.02					
P-2-62	62	10	0.000	0.2	14	0	0	0	3	14	14	1	0	0	0	0	0	19	380	0.5	10	30	150	1	43	0.00	0.41	0.24	0.04					
P-2-63	10	0.000	0.0	42	0	0	0	1	0	0	0	0	0	0	0	0	0	2	700	0	0	0	40	20	150	0	0.32	0.08	0.01					
P-2-64	20	0.001	0.2	30	0	1	0	0	6	18	14	1	0	0	0	0	0	109	1	0	0	0	0	0	0	0	0.77	0.45	0.01					
P-2-65	0	0.000	0.0	12	2	1	0	0	6	16	18	18	0	0	0	0	0	171	0	0	0	0	0	0	0	0	0.90	0.23	0.06					
P-2-66	0	0.000	0.0	38	2	0	0	0	13	14	64	6	0	0	0	0	0	31	7	0	0	0	0	0	0	0	0.58	0.00	0.26					
P-2-67	0	0.000	0.0	6	0	0	0	5	8	12	0	0	0	0	0	0	0	158	2	0	0	0	0	0	0	0	0.52	0.61	0.00					
P-2-68	0	0.000	0.0	46	2	0	0	13	5	12	4	20	0	0	0	0	0	154	4	0	0	0	0	0	0	0	0.35	0.06	0.00					
P-2-69	0	0.000	0.0	18	2	1	0	8	16	30	6	0	0	0	0	0	0	20	120	0	0	0	0	0	0	0	0.44	0.36	0.00					
P-2-70	0	0.000	0.0	38	0	2	0	15	18	54	2	0	0	0	0	0	2	17	5	0	0	0	0	0	0	0	0.72	0.01	0.02					
P-2-71	0	0.000	0.0	40	0	0	0	8	16	4	3	0	0	0	0	0	0	34	1	0	0	0	0	0	0	0	0.35	1.24	0.01					
P-2-72	0	0.000	0.0	48	0	0	0	13	6	32	44	2	0	0	0	0	0	170	5	0	0	0	0	0	0	0	0.65	0.86	0.47					
P-2-73	0	0.000	0.0	34	0	0	0	6	24	44	2	0	0	0	0	0	0	131	1	0	0	0	0	0	0	0	0.77	1.10	0.01					
P-2-74	0	0.000	0.0	14	0	0	0	4	10	6	2	0	0	0	0	0	0	86	1	0	0	0	0	0	0	0	0.67	0.41	0.00					
P-2-75	0	0.000	0.0	34	0	0	0	8	12	46	12	0	0	0	0	0	0	89	1	0	0	0	0	0	0	0	0.34	0.16	0.00					
P-2-76	0	0.000	0.0	18	0	0	0	12	14	26	0	0	0	0	0	0	0	20	3	0	0	0	0	0	0	0	0.50	0.65	0.21					
P-2-77	0	0.000	0.0	30	2	0	0	8	18	0	0	0	0	0	0	0	0	19	53	90	0	0	0	0	0	0	0	0.35	0.91	0.23				
P-2-78	0	0.000	0.0	6	0	0	0	9	6	14	0	0	0	0	0	0	0	16	770	0	0	0	0	0	0	0	0	0.98	0.28	0.13				
P-2-79	0	0.000	0.0	10	2	0	0	4	10	4	10	0	0	0	0	0	0	12	140	0	0	0	0	0	0	0	0	0.78	1.45	0.07				
P-2-80	0	0.000	0.0	10	2	0	0	4	10	4	10	0	0	0	0	0	0	9	1230	0	0	0	0	0	0	0	0	0.34	0.35	0.07				
P-2-81	0	0.000	0.4	0	0	0	0	5	14	32	0	0	0	0	0	0	0	8	1	0	0	0	0	0	0	0	0.84	3.11	1.60					
P-2-82	83	0	0.000	0.0	38	2	0	0	0	7	8	10	5	0	0	0	0	161	3	0	0	0	0	0	0	0	0.83	0.01	0.28					
P-2-83	0	0.000	0.2	106	6	0	0	19	14	44	19	0	0	0	0	0	0	174	1	0	0	0	0	0	0	0	0.37	0.00	0.03					
P-2-84	0	0.000	0.2	52	4	0	0	22	40	10	0	0	0	0	0	0	0	130	6	0	0	0	0	0	0	0	0.18	0.33	0.01					
P-2-85	0	0.000	0.4	44	4	0	0	11	4	29	0	0	0	0	0	0	0	183	4	0	0	0	0	0	0	0	0.30	0.15	0.01					
P-2-86	0	0.000	0.2	84	2	0	0	14	14	32	6	0	0	0	0	0	0	186	7	0	0	0	0	0	0	0	0.60	0.40	0.05					
P-2-87	0	0.000	0.0	18	4	1	0	5	12	24	2	10	4	0	0	0	0	133	3	0	0	0	0	0	0	0	0.25	0.08	0.00					
P-2-88	0	0.000	0.4	32	6	0	0	9	6	76	5	0	0	0	0	0	0	45	1	0	0	0	0	0	0	0	0.31	0.82	0.15					
P-2-89	0	0.000	0.0	26	4	1	0	7	16	40	9	0	0	0	0	0	0	144	4	0	0	0	0	0	0	0	0.34	0.22	0.04					
P-2-90	10	0.000	0.0	0	0	0	0	10	4	2	0	0	0	0	0	0	59	2	0	0	0	0	0	0	0	0.07	0.31	0.01						
P-2-91	0	0.000	0.2	56	6	0	0	0	18	4	2	0	0	0	0	0	0	137	24	0	0	0	0	0	0	0	0.61	0.21	0.07					
P-2-92	0	0.000	0.0	20	4	0	0	8	6	42	14	0	0	0	0	0	0	219	3	0	0	0	0	0	0	0	0.48	0.94	0.02					
P-2-93	0	0.000	0.0	8	0	0	0	2	1	4	38	1	0	0	0	0	0	207	8	0	0	0	0	0	0	0	0.35	0.07	0.01					
P-2-94	0	0.000	0.0	64	6	1	0	0	13	14	26	318	0	0	0	0	0	174	3	0	0	0	0	0	0	0	0.68	0.06	0.00					
P-2-95	15	0.000	0.2	36	4	0	0	0	13	20	8	0	0	0	0	0	0	164	4	0	0	0	0	0	0	0	0.35	0.06	0.00					
P-2-96	10	0.0																																

THREE MILE SPRING PROSPECT, ELKO COUNTY, NEVADA - 1992 ROCK ANALYSES

Sample Number	Au ppb	Au opt ppm	Ag ppm	As ppm	Sb ppm	Hg ppm	Tl ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	W ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Ni ppm	U ppm	V ppm	Ba ppm	Be ppm	Ga ppm	La ppm	Mn ppm	P ppm	Sc ppm	Sr ppm	Ti ppm	Al %	Ca %	Fe %	K %	Mg %	Na %
Minimum	0	0.000	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	50	0	0	0	0	0	0	0	0.14	0.02	0.25	0.03	0.00	0.00	
Average	9	0.000	0.1	38	2	1	0	12	12	15	28	15	0	0	0	1	141	4	3	26	407	0.1	6	27	121	1036	1	108	0.62	1.15	1.08	0.42	0.11	0.02
Std Dev	15	0.000	0.3	23	2	2	1	11	8	27	41	1	1	0.6	1	84	4	11	17	503	0.2	6	18	138	1731	1	143	0.01	0.51	2.58	0.42	0.30	0.09	

Samples analyzed by Chemex Labs Ltd, Certificates A9214038 and A9215821  
 Au analysis - 30 g FA-AAS  
 All other elements - ICP-AES

**APPENDIX C: 1992 ROCK DESCRIPTIONS**

THREE MILE SPRING PROSPECT, ELKO COUNTY, NEVADA - 1992 ROCK DESCRIPTIONS

Sample Number	Sec	Twp	Rng	Description
P-2-49	49	38N	62E	Conglomerate, tan-It green, str silic, mod lim staining, minor drusy Qtz in vugs, cut by abundant 1/4" qtz veins
P-2-50	21	38N	62E	Quartz vein (up to 1.5"), massive to bladed, mod lim staining, tr pyrite, min clays in vugs
P-2-51	21	38N	62E	Quartz vein, 2-5" wide, generally massive with minor bladed, mod str limonite
P-2-52	52	38N	62E	Prospect pit, conglomerate, str silic, mod limonite staining, mod bladed quartz
P-2-53	21	38N	62E	Conglomerate, str silic, str lim staining, abundant drusy quartz in vugs and fractures
P-2-54	21	38N	62E	Siltstone, white to It tan, str silic, str limonite staining
P-2-55	21	38N	62E	Siltstone, grey, str silic, 2% pyrite
P-2-56	21	38N	62E	Siltstone, dk grey, str silic, str lim staining, 2-3% pyrite, minor quartz veins
P-2-57	21	38N	62E	Siltstone, dk grey, str silic, str limonite staining, 2-5% pyrite, abun quartz stringers with minor quartz veins up to 2"
P-2-58	21	38N	62E	Siltstone, grey, str silic, str limonite staining, tan-It brown, str silic, mod lim staining, wk to mod Fe-banding
P-2-59	59	38N	62E	Siltstone, grey, str silic, str limonite staining, drusy quartz in abundant vugs
P-2-60	21	38N	62E	Siltstone, grey, str silic, str limonite staining
P-2-61	21	38N	62E	Siltstone, It grey, str silic, local str limonite staining, up to 2% pyrite
P-2-62	28	38N	62E	Conglomerate, str silic, mod lim staining, common quartz veining with local bladded quartz
P-2-63	16	38N	62E	Siltstone, white, unsilic, with local wk silic layers, str limonite stained zones, soft
P-2-64	16	38N	62E	Prospect pit, siltstone, white mod to str silic, grey silic 1/4-1/2" layers with 2-3% pyrite
P-2-65	16	38N	62E	Siltstone-sandstone, str silic, mod to str lim staining
P-2-66	16	38N	62E	Sandstone-sandstone, white, yellow and red layers, mod silic, loc str lim (yellow) and hematite (red)
P-2-67	16	38N	62E	Sandstone-sandstone, tan to brown, mod to str silic, mod to str lim staining, minor Fe-banding
P-2-68	68	38N	62E	Conglomerate, coarse cobbles, str silic, mod lim staining, local drusy quartz lining vugs
P-2-69	16	38N	62E	Sandstone, tan to It reddish brown, mod to str silic, str Mn-staining locally, str Mn-staining
P-2-70	16	38N	62E	Sandstone, white to It tan, unsilic with rare thin silic bedding layers, local str lim along fractures, v str hem and lim banding
P-2-71	16	38N	62E	Sandstone, white to It tan, wk to locally mod silic, str lim along fractures, v str Fe-banding
P-2-72	21	38N	62E	Conglomerate, wk silic, mod lim staining, mod interbedded sandstone
P-2-73	21	38N	62E	Siltstone-sandstone, tan-brown, rare silic layers, mod lim staining, rare Fe-banding
P-2-74	21	38N	62E	Sandstone-siltsilts, white to tan, mod to str silic, locally str lim staining, local Fe-banding
P-2-75	21	38N	62E	Sandstone-sandstone, yellow-brown to tan, with minor silic along fine layers, str lim staining, minor Fe-banding
P-2-76	16	38N	62E	Sandstone, yellow-brown to red, locally str silic, mod to str lim staining, local Fe-banding, str Mn-staining assoc with Silic
P-2-77	5	37N	62E	Siltstone, green, wk to mod silic, str lim bands parallel to bedding
P-2-78	5	37N	62E	Siltstone, rare lim staining, cut by abundant drusy veinlets perp to bedding
P-2-79	5	37N	62E	Siltstone, green, wk to mod silic, cut by abundant drusy veinlets perp to bedding
P-2-80	32	38N	62E	Siltstone, white to It brown, mod to str silic, rare lim staining, cut by opaline silica stringers
P-2-81	32	38N	62E	Siltstone, green, varible mod to str silic, local opaline silica
P-2-82	16	38N	62E	Siltstone, white, tan and locally str silic, minor cg layers
P-2-83	16	38N	62E	Siltstone, grey to tan, str silic, str Fe-banding
P-2-84	16	38N	62E	Conglomerate, grey to orange-brown, air silic.
P-2-85	16	38N	62E	Siltstone, grey to red, str silic, Fe-banding parallel to bedding
P-2-86	16	38N	62E	Conglomerate, grey, str silic, mod limonite staining
P-2-87	16	38N	62E	Siltstone, grey v str silic, mod lim staining, 1/4" quartz veins common, some drusy
P-2-88	9	38N	62E	Siltstone, grey to tan, mod to str silic, str limonite staining, str local Mn-stained
P-2-89	9	38N	62E	Siltstone, grey to dk grey, str silic, Fe-stained slickstones present on flat surface
P-2-90	16	38N	62E	Siltstone, pink to pinkish grey, generally unsilic with local bedding layers of mod to str silic, str lim staining, Fe-banding common, tr Mn-staining
P-2-91	16	38N	62E	Siltstone, grey to tan, wk to unsilic, mod to str limonite staining, minor str silic layers
P-2-92	16	38N	62E	Conglomerate, generally unsilic, str lim staining
P-2-93	16	38N	62E	Sandstone to conglomerate, pink to It red, mod to str silic
P-2-94	9	38N	62E	Conglomerate, brown to grey, str silic, opaline silica veins throughout mostly in matrix
P-2-95	17	38N	62E	Siltstone, grey, str silic, str limonite staining
P-2-96	17	38N	62E	Siltstone, grey to It green, str silic, str limonite staining
P-2-97	8	38N	62E	Conglomerate, grey, str silic, mod limonite staining
P-2-98	8	38N	62E	Siltstone, tan to grey, unsilic to locally mod silic, str limonite staining
P-2-99	21	38N	62E	Conglomerate, grey to light red, str silic
P-2-100	21	38N	62E	Siltstone, grey to orange, str silic, str to mod lim staining and banding
P-2-101	20	38N	62E	Conglomerate, grey, str silic, mod limonite staining
P-2-102	21	38N	62E	Siltstone, grey to reddish-grey, str silic, str lim staining, minor pyrite
P-2-103	21	38N	62E	Siltstone, grey to greenish-grey, str silic, str limonite staining, tr pyrite, local Fe-banding
P-2-104	16	38N	62E	Sandstone and conglomerate, minor silic, wk silic, str lim staining, not strongly cemented
P-2-105	21	38N	62E	Conglomerate, grey, str silic, mod to str lim staining
P-2-106	16	38N	62E	Conglomerate, grey, unsilic, mod limonite staining
P-2-107	16	38N	62E	Siltstone, It brown-tan, str silic, minor limonite staining, local v fine-grained drusy quartz veinlets
P-2-108	16	38N	62E	Conglomerate, str silic, local str limonite staining

# of Samples 60

**APPENDIX D: 1995 DRILL ANALYSES**

## THREE MILE SPRING PROSPECT - ELKO COUNTY, NEVADA - 1985 DRILL HOLE ANALYSES

Hole Number	Depth ft	Au ppb	Au opt ppb	Ag ppm	As ppm	Sb ppm	Pb ppm	Zn ppm	Mo ppm	W ppm	Bi ppm	Cd ppm	Cr ppm	Ni ppm	U ppm	V ppm	Ba ppm	Be ppm	Ga ppm	La ppm	Mn ppm	P ppm	Sc ppm	Sr ppm	Ti ppm	Al ppm	Ca %	Fe %	K %	Mg %	Na %				
TM-95-1	5	5.0000	0.2	0.2	46	-2	-1	-10	12	14	38	2	-10	-2	-0.5	1	79	7	-10	20	15	780	2	564	-0.01	1.94	1.31	1.25	0.49	0.46	0.08				
TM-95-1	10	5.0000	-0.2	48	-2	-1	-10	11	14	18	2	-1	-10	-2	-0.5	1	135	8	-10	16	240	0.5	-10	10	10	460	1	555	-0.01	1.26	0.59	1.40	0.56	0.32	0.09
TM-95-1	15	-5.0000	-0.2	24	-2	-1	-10	7	8	12	6	-10	-2	-0.5	1	44	4	-10	11	290	0.5	-10	10	10	480	3	342	-0.01	0.66	0.23	1.04	0.33	0.13	0.06	
TM-95-1	20	-5.0000	-0.2	26	-2	-1	-10	8	12	12	3	-10	-2	-0.5	1	122	4	-10	14	210	0.5	-10	10	10	210	1	151	-0.01	0.96	0.20	0.97	0.46	0.16	0.03	
TM-95-1	25	10.0000	-0.2	50	-2	-1	-10	9	10	8	2	-10	-2	-0.5	1	1	1	-10	12	40	0.5	-10	10	10	210	1	151	-0.01	0.96	0.20	0.97	0.27	0.11	0.02	
TM-95-1	30	5.0000	-0.2	28	-2	-1	-10	9	10	9	1	-10	-2	-0.5	1	1	1	-10	14	44	0.5	-10	10	10	210	1	151	-0.01	0.96	0.20	0.97	0.27	0.11	0.02	
TM-95-1	35	15.0000	-0.2	42	-2	-1	-10	12	8	6	6	-10	-2	-0.5	2	199	7	-10	15	270	0.5	-10	10	10	660	1	62	-0.01	0.33	0.26	0.97	0.22	0.03	-0.01	
TM-95-1	40	25.0000	-0.2	30	-2	-1	-10	9	6	10	7	-10	-2	-0.5	1	111	6	-10	22	190	0.5	-10	10	10	660	1	121	-0.01	0.36	0.19	1.24	0.03	0.03	-0.01	
TM-95-1	45	15.0000	-0.2	12	-2	-1	-10	17	14	64	1	-10	-2	-0.5	1	113	17	-10	26	270	1.5	-10	10	10	480	2	531	-0.01	0.51	0.17	0.95	0.27	0.04	0.01	
TM-95-1	50	-5.0000	-0.2	14	-2	-1	-10	17	14	60	1	-10	-2	-0.5	3	72	15	-10	18	260	1.5	-10	10	10	480	2	415	-0.01	1.49	0.26	1.21	0.55	0.24	0.01	
TM-95-1	55	-5.0000	-0.2	18	-2	-1	-10	17	20	50	1	-10	-2	-0.5	1	42	11	-10	13	230	1.5	-10	30	15	880	2	478	-0.01	1.50	0.45	1.26	0.56	0.31	0.04	
TM-95-1	60	-5.0000	-0.2	8	-2	-1	-10	25	16	76	2	-10	-2	-0.5	3	100	11	-10	17	140	1.5	-10	30	20	1400	1	176	-0.01	1.76	0.50	0.32	0.01	0.01		
TM-95-1	65	-5.0000	-0.2	8	-2	-1	-10	17	16	46	2	-10	-2	-0.5	3	100	11	-10	17	112	1.5	-10	30	20	1060	2	80	-0.01	1.78	0.28	0.65	0.28	0.01		
TM-95-1	70	-5.0000	-0.2	14	-2	-1	-10	11	18	24	1	-10	-2	-0.5	1	1	1	-10	23	330	2.0	-10	10	10	760	1	82	-0.01	2.05	0.21	2.31	0.79	0.26	0.01	
TM-95-1	75	-5.0000	-0.2	18	-2	-1	-10	8	8	6	3	-10	-2	-0.5	1	171	6	-10	16	520	0.5	-10	10	10	610	1	106	-0.01	1.11	0.11	1.51	0.59	0.09	0.01	
TM-95-1	80	-5.0000	-0.2	32	-2	-1	-10	7	8	6	2	-10	-2	-0.5	1	118	4	-10	20	370	0.5	-10	10	10	460	1	92	-0.01	1.04	0.05	1.25	0.55	0.06	0.01	
TM-95-1	85	-5.0000	-0.2	22	-2	-1	-10	10	8	10	4	-10	-2	-0.5	1	148	4	-10	25	280	0.5	-10	10	10	840	1	102	-0.01	0.75	0.38	0.44	0.24	0.01		
TM-95-1	90	10.0000	-0.2	20	-2	-1	-10	9	6	10	4	-10	-2	-0.5	1	161	10	-10	25	160	0.5	-10	10	10	680	1	121	-0.01	0.93	0.08	1.13	0.50	0.07	-0.01	
TM-95-1	95	-5.0000	-0.2	22	-2	-1	-10	10	4	6	2	-10	-2	-0.5	1	199	7	-10	28	290	0.5	-10	10	10	680	1	74	-0.01	1.98	0.04	1.07	0.52	0.06	-0.01	
TM-95-1	100	-5.0000	-0.2	26	-2	-1	-10	11	8	4	7	-10	-2	-0.5	1	212	9	-10	28	260	0.5	-10	10	10	880	1	74	-0.01	1.98	0.04	1.07	0.52	0.06	-0.01	
TM-95-1	105	-5.0000	-0.2	40	-2	-1	-10	8	6	6	3	-10	-2	-0.5	1	152	6	-10	23	290	0.5	-10	10	10	810	1	43	-0.01	1.43	0.34	1.35	0.75	0.07	-0.01	
TM-95-1	110	5.0000	-0.2	26	-2	-1	-10	8	6	4	4	-10	-2	-0.5	1	151	7	-10	19	200	0.5	-10	10	10	480	1	57	-0.01	0.86	0.03	1.08	0.45	0.04	-0.01	
TM-95-1	115	5.0000	-0.2	16	-2	-1	-10	8	6	4	4	-10	-2	-0.5	1	156	9	-10	22	180	0.5	-10	10	10	320	1	114	-0.01	0.68	0.05	0.65	0.28	0.01		
TM-95-1	120	-5.0000	-0.2	28	-2	-1	-10	7	8	6	4	-10	-2	-0.5	2	121	9	-10	25	180	0.5	-10	10	10	360	1	102	-0.01	1.59	0.02	1.01	0.76	0.02		
TM-95-1	125	-5.0000	-0.2	36	-2	-1	-10	13	6	18	12	-10	-2	-0.5	3	300	13	-10	21	213	1.5	-10	10	10	490	1	87	-0.01	0.48	0.01	1.05	0.24	0.02		
TM-95-1	130	15.0000	-0.2	48	-2	-1	-10	15	6	16	12	-10	-2	-0.5	2	262	9	-10	10	490	0.5	-10	10	10	240	1	53	-0.01	0.31	0.11	0.73	0.15	0.01		
TM-95-1	135	20.0000	-0.2	40	-2	-1	-10	11	4	10	16	-10	-2	-0.5	2	233	12	-10	14	160	0.5	-10	10	10	410	1	44	-0.01	0.44	0.11	0.96	0.26	0.01		
TM-95-1	140	25.0000	-0.2	30	-2	-1	-10	16	6	10	30	-10	-2	-0.5	4	233	12	-10	14	160	0.5	-10	10	10	430	1	35	-0.01	0.47	0.03	1.31	0.26	0.02		
TM-95-1	145	10.0000	-0.2	30	-2	-1	-10	15	10	24	15	-10	-2	-0.5	4	208	11	-10	15	160	0.5	-10	10	10	260	1	24	-0.01	0.38	0.01	1.56	0.31	0.01		
TM-95-1	150	-5.0000	-0.2	26	-2	-1	-10	11	8	4	7	-10	-2	-0.5	3	224	10	-10	17	90	-0.5	-10	15	20	550	1	17	-0.01	0.42	0.05	1.10	0.26	0.02		
TM-95-1	160	Lost circulation - no sample	-2	-1	-10	16	6	20	13	-10	2	-10	-2	-0.5	3	528	16	-10	25	140	0.5	-10	10	10	680	1	16	-0.01	0.64	0.05	1.07	0.32	0.03		
TM-95-1	165	-5.0000	-0.2	24	-2	-1	-10	8	6	8	5	-10	-2	-0.5	2	315	8	-10	4	480	0.5	-10	10	10	120	1	14	-0.01	0.16	0.02	0.73	0.07	0.01		
TM-95-1	170	5.0000	-0.2	6	-2	-1	-10	9	8	20	13	-10	-2	-0.5	2	229	13	-10	7	350	0.5	-10	10	10	20	110	1	13	-0.01	0.21	0.05	0.72	0.11	0.01	
TM-95-1	175	10.0000	-0.2	12	-2	-1	-10	10	6	16	20	-10	-2	-0.5	2	266	11	-10	8	380	0.5	-10	10	10	20	160	1	12	-0.01	0.20	0.02	0.77	0.11	0.01	
TM-95-1	180	10.0000	-0.2	12	-2	-1	-10	8	4	14	7	-10	-2	-0.5	1	269	10	-10	4	710	0.5	-10	10	10	25	170	1	23	-0.01	0.13	0.03	0.62	0.07	0.01	
TM-95-1	185	15.0000	-0.2	4	-2	-1	-10	8	4	12	4	-10	-2	-0.5	1	279	10	-10	6	740	0.5	-10	10	10	20	200	1	15	-0.01	0.31	0.10	0.68	0.18	0.01	
TM-95-1	190	20.0000	-0.2	36	-2	-1	-10	11	6	16	11	-10	-2	-0.5	3	320	11	-10	14	330	0.5	-10	10	10	260	1	29	-0.01	0.44	0.13	1.39	0.25	0.01		
TM-95-1	195	20.0001	-0.2	28	-2	-1	-10	11	6	28	19	-10	-2	-0.5	2	300	13	-10	14	260	0.5	-10	10	10	580	1	16	-0.01	0.37	0.10	1.21	0.21	0.01		
TM-95-1	200	20.0001	-0.2	28	-2	-1	-10	13	4	20	17	-10	-2	-0.5	2																				

## THREE MILE SPRING PROSPECT - ELKO COUNTY, NEVADA - 1985 DRILL HOLE ANALYSES

Hole Number	Depth ft	Au ppb	Au opt	Ag ppm	As ppm	Sb ppm	Hg ppm	Tl ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	W ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Ni ppm	V ppm	U ppm	Ba ppm	Ga ppm	La ppm	Mn ppm	Sc ppm	Ti ppm	Al %	Ca %	Fe %	K %	Mg %	Na %							
TM-95-1	345	10	0.000	0.2	278	14	94	655	-10	-2	-0.5	3	161	14	16	20	-0.1	0.81	0.19	0.14	0.05	0.02	20	-0.01	0.81	0.19	0.14	0.05	0.02										
TM-95-1	350	15	0.000	0.2	106	24	38	30	14	12	40	198	-10	-2	-0.5	2	201	10	-10	-0.5	-10	-10	45	630	-1	24	-0.01	0.97	0.99	1.58	0.39	0.04	0.01						
TM-95-1	355	10	0.000	-0.2	42	4	15	-10	11	20	11	34	597	-10	-2	-0.5	2	169	5	-10	14	220	0.5	-10	10	40	150	-1	22	-0.01	0.50	0.53	1.46	0.48	0.04	0.02			
TM-95-1	360	5	0.000	-0.2	188	2	42	4	15	-10	11	20	30	14	10	38	22	12	12	16	200	0.5	-10	10	40	110	-1	9	-0.01	0.60	0.53	1.46	0.48	0.04	0.02				
TM-95-1	365	15	0.000	0.2	280	8	22	30	14	10	9	10	344	-10	-2	-0.5	2	200	7	-10	8	30	-0.5	-10	10	45	190	-1	30	-0.01	0.62	0.53	1.46	0.48	0.04	0.02			
TM-95-1	370	20	0.001	0.2	150	2	9	12	12	36	34	-10	2	217	8	-10	8	30	12	16	200	0.5	-10	10	35	90	-1	7	-0.01	0.48	0.48	1.48	1.13	0.03	0.03				
TM-95-1	375	20	0.001	-0.2	78	2	3	-10	22	12	38	38	181	-10	-2	-0.5	2	228	15	-10	12	194	7	-10	14	120	20	-1	16	-0.01	1.27	1.77	1.30	1.31	0.02	0.02			
TM-95-1	380	15	0.000	-0.2	50	2	2	-10	14	14	34	111	111	-10	2	-0.5	1	150	6	-10	12	150	6	-10	10	30	230	-1	21	-0.01	1.01	1.15	1.32	0.78	0.08	0.01			
TM-95-1	385	5	0.000	-0.2	126	2	8	10	10	14	36	372	-10	-2	-0.5	1	150	13	-10	10	160	20	-10	20	65	120	-1	13	-0.01	0.98	1.02	1.71	0.44	0.16	0.02				
TM-95-1	390	15	0.000	-0.2	44	-2	1	-10	11	14	36	273	-10	-2	-0.5	2	176	13	-10	10	160	20	-10	20	40	230	-1	18	-0.01	1.17	1.50	1.43	1.24	0.06	0.02				
TM-95-1	395	15	0.000	-0.2	40	-2	4	-10	26	16	40	84	-10	-2	-0.5	2	207	7	-10	7	181	2	-10	20	60	140	-1	22	-0.01	1.51	1.97	1.41	1.45	0.05	0.03				
TM-95-1	400	5	0.000	-0.2	24	-2	5	-10	38	16	46	51	-10	-2	-0.5	2	181	7	-10	12	30	0.5	-10	20	95	160	-1	13	0.01	0.71	0.78	1.49	0.29	0.12	0.02				
TM-95-1	405	15	0.000	-0.2	24	2	1	-10	16	16	40	24	-10	-2	-0.5	2	169	12	-10	10	219	8	-10	14	40	40	-1	20	-0.5	1.33	1.42	1.40	1.33	0.22	0.07	0.01			
TM-95-1	410	10	0.000	-0.2	26	2	4	-10	15	16	38	23	-10	-2	-0.5	3	121	5	-10	15	20	1.0	-10	10	30	30	-1	20	-0.5	0.54	0.54	1.42	1.30	0.33	0.01				
TM-95-1	415	5	0.000	-0.2	24	2	4	-10	9	20	50	19	-10	-2	-0.5	3	137	10	-10	11	30	0.5	-10	10	25	170	-1	17	-0.01	1.52	1.99	1.99	1.99	0.52	0.21	0.03			
TM-95-1	420	5	0.000	-0.2	26	2	1	-10	10	16	38	28	-10	-2	-0.5	3	103	4	-10	11	30	0.5	-10	10	20	30	-1	15	-0.01	0.52	0.45	1.47	1.22	0.22	0.05				
TM-95-1	425	10	0.000	-0.2	18	-2	1	-10	10	20	38	7	-10	-2	-0.5	3	142	6	-10	15	60	0.5	-10	20	55	240	-1	14	-0.01	1.22	1.26	2.40	0.52	0.17	0.02				
TM-95-1	430	15	0.000	-0.2	24	-2	1	-10	13	20	48	33	-10	-2	-0.5	3	145	12	-10	16	230	0.5	-10	20	65	220	-1	19	-0.01	1.54	1.88	1.72	1.72	1.19	0.25	0.03			
TM-95-1	435	10	0.000	-0.2	32	2	1	-10	13	18	42	30	-10	-2	-0.5	3	171	6	-10	18	100	1.0	-10	20	30	40	-1	22	-0.01	1.82	1.73	1.61	1.74	0.26	0.03				
TM-95-1	440	5	0.000	-0.2	28	2	-1	-10	18	18	46	18	-10	-2	-0.5	3	196	9	-10	16	16	0.5	-10	20	35	200	-1	9	-0.01	0.61	0.68	1.60	0.31	0.10	0.02				
TM-95-1	445	15	0.000	-0.2	40	-2	4	-10	17	16	44	44	-10	-2	-0.5	3	200	14	-10	11	30	0.5	-10	20	65	240	-1	9	-0.01	0.34	0.24	2.04	0.06	0.02					
TM-95-1	450	15	0.000	-0.2	60	2	-1	-10	32	16	48	63	-10	-2	-0.5	3	172	9	-10	6	30	-0.5	-10	20	50	230	-1	7	-0.01	0.22	0.09	1.55	0.19	0.02	0.01				
TM-95-1	455	10	0.000	0.2	54	-2	1	-10	19	16	46	43	-10	-2	-0.5	3	161	9	-10	14	59	-0.5	-10	20	50	240	-1	7	-0.01	0.39	0.39	1.59	0.25	0.03	0.01				
TM-95-1	460	15	0.001	0.2	50	2	1	-10	19	16	48	28	-10	-2	-0.5	3	182	14	-10	9	177	7	-10	17	40	1.0	-10	20	60	160	-1	8	-0.01	1.71	1.50	1.70	1.50	0.33	0.01
TM-95-1	465	15	0.000	-0.2	62	2	-1	-10	65	20	44	53	-10	-2	-0.5	5	98	8	-10	9	84	6	-10	9	40	0.5	-10	20	320	290	-1	29	-0.01	1.04	1.19	1.89	0.31	0.48	0.05
TM-95-1	470	20	0.001	-0.2	34	-2	2	-10	188	28	116	72	-10	-2	-0.5	4	121	9	-10	4	80	0.5	-10	20	45	270	-1	17	-0.01	0.75	0.75	2.47	0.35	0.11	0.04				
TM-95-1	475	20	0.000	-0.2	34	-2	-1	-10	37	28	54	24	-10	-2	-0.5	3	149	6	-10	6	62	19	-10	20	30	65	300	-1	21	-0.01	0.94	0.34	2.35	0.37	0.12	0.03			
TM-95-1	480	10	0.000	-0.2	40	-2	1	-10	47	30	62	19	-10	-2	-0.5	2	135	6	-10	5	90	0.5	-10	20	20	240	-1	18	-0.01	0.63	0.22	1.88	0.29	0.08	0.02				
TM-95-1	485	5	0.000	-0.2	40	-2	1	-10	11	18	34	28	-10	-2	-0.5	2	186	18	-10	3	30	0.5	-10	20	45	200	-1	9	-0.01	0.20	0.10	1.48	0.17	0.02	0.01				
TM-95-1	490	10	0.001	-0.2	46	2	-1	-10	17	16	38	20	-10	-2	-0.5	2	139	8	-10	3	30	0.5	-10	20	30	190	-1	14	-0.01	0.51	0.13	2.01	0.27	0.06	0.02				
TM-95-1	495	20	0.001	-0.2	34	2	-1	-10	10	22	48	10	-10	-2	-0.5	2	170	4	-10	10	190	10	-10	10	40	1400	-1	4	-0.01	2.32	2.32	2.91	1.48	0.48	0.09				
TM-95-1	500	50	10	0.000	-0.2	34	2	-1	-10	10	22	48	-10	-2	-0.5	2	170	4	-10	10	190	10	-10	10	40	1400	-1	4	-0.01	2.32	2.32	2.91	1.48	0.48	0.09				

# Samples: 98  
 Maximum: 30  
 Minimum: -5  
 Average: 9  
 Std Dev: 9  
 Au Analysis - 30 g FA-ICP-AES  
 All other elements - ICP-AES

## THREE MILE SPRING PROSPECT - ELKO COUNTY, NEVADA - 1995 DRILL HOLE ANALYSES

Hole Number	Depth ft	Au ppb	Ag ppm	As ppm	Sb ppm	Hg ppm	Tl ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	W ppm	Bi ppm	Cd ppm	Ni ppm	U ppm	V ppm	Ba ppm	Ga ppm	La ppm	Mn ppm	P ppm	Sc ppm	Sr ppm	Ti ppm	Al %	Ca %	Fe %	K %	Mg %	Na %				
TM-95-2	5	-5.000	-0.2	16	-2	1	-10	10	12	34	1	-10	-2	-0.5	5	2	-10	46	7	36	3	36	7	-10	2	272	-0.01	1.78	5.85	1.41	0.41	0.10			
TM-95-2	10	15.000	-0.2	16	-2	1	-10	10	12	38	2	-10	-2	-0.5	5	2	-10	23	140	0.5	10	20	295	1120	2	254	0.01	1.33	4.14	1.51	0.49	0.11			
TM-95-2	15	5.000	-0.2	6	-2	1	-10	9	12	42	1	-10	-2	-0.5	4	2	-10	15	160	1.0	-10	20	295	960	2	270	-0.01	1.41	4.35	1.36	0.55	0.10			
TM-95-2	20	5.000	-0.2	4	-2	1	-10	9	12	38	8	-10	-2	-0.5	4	2	-10	16	150	1.0	-10	20	350	1050	2	253	-0.01	1.33	4.38	1.27	0.47	0.09			
TM-95-2	25	5.000	-0.2	8	-2	1	-10	13	12	42	1	-10	-2	-0.5	4	2	-10	25	110	0.5	-10	20	455	1310	2	225	-0.01	1.19	5.52	1.61	0.34	0.07			
TM-95-2	30	5.000	-0.2	6	-2	1	-10	12	12	36	2	-10	-2	-0.5	4	2	-10	21	100	0.5	-10	10	505	1450	2	205	-0.01	1.09	4.86	1.65	0.37	0.05			
TM-95-2	35	5.000	-0.2	4	-2	1	-10	11	12	40	1	-10	-2	-0.5	4	2	-10	20	130	0.5	-10	20	365	1180	2	212	-0.01	1.67	4.87	1.34	0.49	0.07			
TM-95-2	40	5.000	-0.2	4	-2	1	-10	11	11	40	1	-10	-2	-0.5	6	6	-10	48	8	-10	27	80	1.0	-10	20	390	1470	2	228	-0.01	1.49	4.98	1.83	0.50	0.14
TM-95-2	45	5.000	-0.2	8	-2	1	-10	10	13	44	2	-10	-2	-0.5	6	6	-10	43	9	-10	29	100	1.0	-10	20	330	1540	2	214	-0.01	1.44	4.34	2.05	0.43	0.24
TM-95-2	50	5.000	-0.2	8	-2	1	-10	11	10	38	2	-10	-2	-0.5	6	6	-10	30	140	1.0	-10	20	310	1800	2	209	-0.01	1.54	3.43	2.10	0.56	0.21			
TM-95-2	60	5.000	-0.2	2	-2	1	-10	9	14	38	1	-10	-2	-0.5	4	2	-10	7	10	19	80	1.0	-10	20	355	1200	2	229	-0.01	1.62	4.60	1.60	0.55	0.25	
TM-95-2	65	5.000	-0.2	2	-2	1	-10	9	14	40	1	-10	-2	-0.5	3	3	-10	47	8	-10	19	100	1.0	-10	20	360	1100	2	236	-0.01	1.48	5.75	1.36	0.50	0.22
TM-95-2	70	5.000	-0.2	6	-2	1	-10	11	12	40	1	-10	-2	-0.5	4	2	-10	25	90	1.0	-10	20	320	1380	2	194	-0.01	1.50	4.16	1.73	0.44	0.18			
TM-95-2	75	5.000	-0.2	2	-2	1	-10	7	12	42	1	-10	-2	-0.5	3	3	-10	54	7	-10	19	130	1.0	-10	20	160	1100	2	182	-0.01	1.56	4.38	1.27	0.47	0.17
TM-95-2	80	5.000	-0.2	4	-2	1	-10	7	12	40	1	-10	-2	-0.5	3	3	-10	57	6	-10	19	130	1.0	-10	20	310	1440	2	137	-0.01	1.37	5.37	1.31	0.47	0.17
TM-95-2	85	5.000	-0.2	6	-2	1	-10	8	14	36	1	-10	-2	-0.5	3	3	-10	45	7	-10	18	170	1.0	-10	20	165	1170	2	187	-0.01	1.27	4.81	1.27	0.45	0.13
TM-95-2	90	5.000	-0.2	6	-2	1	-10	6	12	34	1	-10	-2	-0.5	3	3	-10	41	6	-10	13	150	1.0	-10	20	155	1040	2	169	-0.01	1.22	3.61	1.35	0.51	0.13
TM-95-2	95	5.000	-0.2	6	-2	1	-10	6	14	38	1	-10	-2	-0.5	3	3	-10	50	5	-10	15	230	1.0	-10	20	230	1590	2	197	-0.01	1.62	5.18	1.26	0.52	0.11
TM-95-2	100	5.000	-0.2	6	-2	1	-10	6	14	38	1	-10	-2	-0.5	4	4	-10	7	10	19	80	1.0	-10	20	255	990	2	188	-0.01	1.86	4.63	1.36	0.59	0.12	
TM-95-2	105	5.000	-0.2	2	-2	1	-10	8	14	38	1	-10	-2	-0.5	4	2	-10	25	90	1.0	-10	20	205	1690	2	191	-0.01	1.67	3.84	1.74	0.45	0.09			
TM-95-2	110	5.000	-0.2	2	-2	1	-10	9	14	44	1	-10	-2	-0.5	6	4	-10	23	130	1.0	-10	20	225	1370	2	215	-0.01	1.67	3.34	1.84	0.49	0.12			
TM-95-2	115	5.000	-0.2	10	-2	1	-10	9	12	40	1	-10	-2	-0.5	4	2	-10	20	250	1.0	-10	20	325	2650	2	328	-0.01	1.99	5.22	1.54	0.50	0.11			
TM-95-2	120	5.000	-0.2	4	-2	1	-10	9	14	38	1	-10	-2	-0.5	5	3	-10	54	7	-10	19	130	1.0	-10	20	310	1440	2	223	-0.01	1.69	4.27	1.68	0.57	0.09
TM-95-2	125	5.000	-0.2	6	-2	1	-10	11	12	38	1	-10	-2	-0.5	4	4	-10	46	8	-10	19	270	2.0	-10	20	300	1650	2	269	-0.01	1.29	4.66	1.52	0.52	0.09
TM-95-2	130	5.000	-0.2	2	-2	1	-10	11	14	40	1	-10	-2	-0.5	4	4	-10	40	9	-10	19	130	2.0	-10	20	330	1410	2	188	-0.01	1.33	4.39	1.41	0.59	0.09
TM-95-2	135	5.000	-0.2	6	-2	1	-10	9	14	36	1	-10	-2	-0.5	4	4	-10	42	8	-10	19	80	2.0	-10	20	330	1470	2	139	-0.01	1.25	4.37	1.48	0.46	0.08
TM-95-2	140	5.000	-0.2	4	-2	1	-10	12	10	38	1	-10	-2	-0.5	4	4	-10	33	7	-10	19	160	2.0	-10	20	360	1390	2	150	-0.01	1.45	4.56	1.45	0.52	0.07
TM-95-2	145	5.000	-0.2	6	-2	1	-10	10	12	40	1	-10	-2	-0.5	4	4	-10	29	14	-10	19	160	2.0	-10	20	370	1290	2	134	-0.01	1.49	4.98	1.63	0.62	0.07
TM-95-2	150	5.000	-0.2	4	-2	1	-10	11	12	42	1	-10	-2	-0.5	5	5	-10	23	8	-10	15	80	2.0	-10	20	320	1180	2	134	-0.01	1.74	4.09	1.57	0.54	0.07
TM-95-2	155	5.000	-0.2	6	-2	1	-10	14	12	48	1	-10	-2	-0.5	8	8	-10	25	10	-10	20	60	3.5	-10	20	355	1620	2	184	-0.01	1.84	4.10	2.20	0.75	0.06
TM-95-2	160	5.000	-0.2	10	-2	1	-10	16	12	44	1	-10	-2	-0.5	5	5	-10	34	9	-10	23	130	2.0	-10	20	455	1600	2	143	-0.01	1.90	5.15	1.72	0.66	0.03
TM-95-2	165	5.000	-0.2	6	-2	1	-10	11	12	42	1	-10	-2	-0.5	6	6	-10	44	16	-10	20	400	1650	2	141	-0.01	1.45	5.02	1.93	0.69	0.04				
TM-95-2	170	5.000	-0.2	4	-2	1	-10	11	12	40	1	-10	-2	-0.5	4	4	-10	46	12	-10	20	400	1730	2	139	-0.01	1.21	4.42	1.67	0.64	0.04				
TM-95-2	175	5.000	-0.2	2	-2	1	-10	12	12	40	1	-10	-2	-0.5	4	4	-10	32	8	-10	14	40	2.0	-10	20	475	1260	2	110	-0.01	1.23	5.63	1.55	0.46	0.04
TM-95-2	180	5.000	-0.2	6	-2	1	-10	10	10	34	1	-10	-2	-0.5	4	4	-10	32	8	-10	16	130	2.0	-10	20	445	1510	2	133	-0.01	1.29	5.77	1.66	0.52	0.04
TM-95-2	185	5.000	-0.2	4	-2	1	-10	9	14	38	1	-10	-2	-0.5	6	6	-10	37	9	-10	20	60	2.0	-10	20	365	1380	2	105	-0.01	1.68	3.86	1.55	0.50	0.03
TM-95-2	190	5.000	-0.2	10	-2	1	-10	7	14	36	1	-10	-2	-0.5	6	6	-10	25	37	-10	21	80	1.0	-10	20	325	1770	2	192	-0.01	1.74	3.81	1.39	0.57	0.04
TM-95-2	195	5.000	-0.2	6	-2	1	-10	8	2	1	-10	-2	-0.5	5	5	-10	33	8	-10	21	80	1.0	-10	20	290	1280	2	92	-0.01	1.67	3.10	1.38	0.55	0.03	
TM-95-2	200	5.000	-0.2	8	-2	1	-10	9	16	34	1	-10	-2	-0.5	5	5	-10	31	7	-10															

THREE MILE SPRING PROSPECT - ELKO COUNTY, NEVADA - 1995 DRILL HOLE ANALYSES

Hole Number	Depth ft	Au ppb	Au opt	Ag ppb	Ag ppm	As ppb	Sb ppm	Hg ppm	Tl ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	W ppm	Bi ppm	Cd ppm	Cr ppm	Ni ppm	U ppm	V ppm	Ba ppm	Ga ppm	Be ppm	La ppm	Mn ppm	P ppm	Sc ppm	Sr ppm	Ti ppm	Al %	Ca %	Fe %	K %	Mg %	Na %			
TM-95-2	345	30	0.001	-0.2	26	2	1	-10	11	14	84	6	-10	-2	-0.5	2	120	10	-10	73	40	1.0	10	30	85	230	1	37	-0.01	1.25	0.32	1.36	0.18	-0.01				
TM-95-2	350	25	0.001	-0.2	22	-2	-1	-10	10	24	72	4	-10	-2	-0.5	3	35	7	-10	53	40	1.5	10	40	90	310	1	43	-0.01	1.52	0.41	1.50	0.33	0.23				
TM-95-2	355	30	0.001	-0.2	40	-2	34	-2	1	-10	15	26	110	8	-10	2	-0.5	4	56	9	-10	86	50	2.0	20	40	250	410	3	51	-0.01	2.44	0.94	2.05	0.31	1.01		
TM-95-2	360	20	0.001	-0.2	30	0.001	-0.2	30	2	1	-10	18	84	10	-10	18	16	82	10	-10	101	70	2.0	20	30	190	430	3	57	-0.01	2.11	0.94	2.05	0.31	1.02			
TM-95-2	365	35	0.001	-0.2	30	0.001	-0.2	30	2	2	-10	17	18	16	16	15	12	80	9	-10	49	10	-10	125	70	2.0	20	40	400	360	3	192	-0.01	2.12	0.75	1.75	0.26	1.07
TM-95-2	370	30	0.001	-0.2	22	2	1	-10	10	15	12	15	12	80	9	-10	2	-0.5	3	30	8	-10	84	90	1.5	10	10	435	320	2	344	-0.01	2.83	6.37	1.84	0.31	1.61	
TM-95-2	375	15	0.000	-0.2	20	-2	-1	-10	13	16	64	6	-10	2	-0.5	3	29	7	-10	64	90	2.0	10	20	605	420	2	280	-0.01	2.30	3.85	2.30	0.30	1.63				
TM-95-2	380	20	0.001	-0.2	24	2	2	-1	-10	16	16	66	7	-10	2	-0.5	3	43	9	-10	77	190	2.0	10	20	415	900	3	110	-0.01	2.45	1.95	0.37	0.30	0.88			
TM-95-2	385	50	0.001	-0.2	36	2	1	-10	16	20	80	92	9	-10	2	-0.5	3	86	12	-10	114	100	2.5	20	30	265	540	3	280	550	2	75	-0.01	1.88	1.27	2.15	0.34	0.68
TM-95-2	390	30	0.001	-0.2	28	2	1	-10	16	2	1	-10	18	22	90	6	-10	2	-0.5	5	73	11	-10	84	90	1.5	10	30	225	430	2	65	-0.01	1.95	0.75	2.62	0.43	0.64
TM-95-2	395	25	0.001	-0.2	16	2	1	-10	18	26	12	12	10	80	8	-10	2	-0.5	6	40	15	-10	78	90	2.0	10	40	220	470	2	60	-0.01	2.04	0.61	2.86	0.45	0.64	
TM-95-2	400	35	0.001	-0.2	26	2	1	-10	18	26	12	6	-10	2	-0.5	6	40	15	-10	78	90	2.0	10	40	220	470	2	60	-0.01	2.04	0.61	2.86	0.45	0.64				
TM-95-2	405	40	0.001	-0.2	24	4	1	-10	19	20	102	6	-10	2	-0.5	5	46	14	-10	88	80	2.0	20	20	200	430	3	45	-0.01	1.72	0.41	2.32	0.41	0.47				
TM-95-2	410	35	0.001	-0.2	24	4	2	-1	-10	16	18	90	15	-10	2	-0.5	4	43	13	-10	80	110	2.0	10	20	40	180	4	56	-0.01	2.37	1.31	2.29	0.64	0.46			
TM-95-2	415	15	0.000	-0.2	22	2	1	-10	15	28	96	3	-10	2	-0.5	4	21	9	-10	58	70	1.5	20	20	80	245	2	58	-0.01	2.89	0.66	2.33	0.75	0.45				
TM-95-2	420	30	0.001	-0.2	16	-2	-1	-10	17	22	100	3	-10	2	-0.5	4	31	9	-10	63	70	2.0	20	20	250	380	2	55	-0.01	1.94	0.42	2.31	0.75	0.41				
TM-95-2	425	55	0.002	-0.2	30	4	1	-10	15	22	24	108	8	-10	2	-0.5	4	49	14	-10	101	60	2.0	20	20	295	530	3	69	-0.01	2.23	0.89	2.43	0.50	0.41			
TM-95-2	430	40	0.001	-0.2	26	2	1	-10	15	24	108	4	-10	2	-0.5	5	42	11	-10	66	60	2.0	20	20	305	360	3	69	-0.01	1.93	0.80	2.27	0.44	0.36				
TM-95-2	435	30	0.001	-0.2	16	-2	1	-10	15	24	96	4	-10	2	-0.5	4	75	11	-10	61	60	2.0	20	20	290	280	2	72	-0.01	2.06	0.72	2.03	0.47	0.35				
TM-95-2	440	30	0.001	-0.2	16	4	1	-10	16	24	94	5	-10	2	-0.5	4	61	7	-10	78	90	2.0	20	20	290	360	3	66	-0.01	2.05	0.86	2.02	0.47	0.41				
TM-95-2	445	75	0.002	-0.2	34	4	1	-10	14	20	118	8	-10	2	-0.5	4	70	16	-10	111	80	2.0	20	20	355	420	4	80	-0.01	2.21	0.82	2.39	0.41	0.44				
TM-95-2	450	75	0.001	-0.2	24	2	1	-10	14	24	102	5	-10	2	-0.5	4	70	13	-10	60	110	1.5	10	60	320	560	3	68	-0.01	1.72	0.94	2.46	0.34	0.38				
TM-95-2	455	50	0.001	-0.2	24	2	1	-10	17	26	100	6	-10	2	-0.5	4	43	13	-10	57	80	2.0	20	20	280	380	3	68	-0.01	1.64	0.74	1.99	0.36	0.36				
TM-95-2	460	55	0.002	-0.2	22	2	1	-10	19	24	108	6	-10	2	-0.5	4	43	14	-10	66	80	2.5	20	20	275	370	3	63	-0.01	1.78	0.62	2.16	0.35	0.38				
TM-95-2	465	70	0.002	-0.2	36	6	1	-10	22	28	120	9	-10	2	-0.5	5	62	16	-10	189	110	4.0	50	50	235	550	6	81	-0.01	4.04	2.49	2.60	0.84	0.65				
TM-95-2	470	40	0.001	-0.2	26	4	1	-10	14	22	92	8	-10	2	-0.5	4	62	11	-10	108	80	2.0	30	30	245	480	3	74	-0.01	2.36	1.56	2.04	0.52	0.44				
TM-95-2	475	45	0.001	-0.2	36	4	1	-10	16	22	100	6	-10	2	-0.5	4	50	13	-10	85	90	2.0	20	20	250	590	3	67	-0.01	1.83	0.83	2.10	0.59	0.42				
TM-95-2	480	35	0.001	-0.2	20	4	1	-10	15	24	100	3	-10	2	-0.5	4	33	12	-10	81	90	2.0	20	20	255	490	3	71	-0.01	2.92	1.16	2.16	0.64	0.59				
TM-95-2	485	40	0.001	-0.2	22	4	1	-10	15	26	98	5	-10	2	-0.5	3	43	10	-10	73	80	2.5	20	20	270	420	3	74	-0.01	2.18	0.90	2.16	0.41	0.55				
TM-95-2	490	45	0.001	-0.2	26	4	1	-10	14	24	92	7	-10	2	-0.5	3	38	11	-10	85	90	3.0	30	30	200	500	3	146	-0.01	2.27	0.94	2.62	0.41	0.55				
TM-95-2	495	30	0.001	-0.2	42	4	1	-10	14	16	72	7	-10	2	-0.5	3	103	11	-10	79	90	2.0	20	20	235	560	2	24	-0.01	1.92	3.29	1.59	0.45	0.40				
TM-95-2	500	40	0.001	-0.2	26	2	1	-10	17	22	94	8	-10	2	-0.5	4	56	12	-10	72	80	2.5	20	20	230	480	3	88	-0.01	2.44	0.63	2.15	0.44	0.65				

# Samples 200  
 Maximum 135  
 Minimum -5  
 Average 18  
 Std Dev 26

Au Analysis - 30 g FA-XRF  
 All other elements - ICP-AES

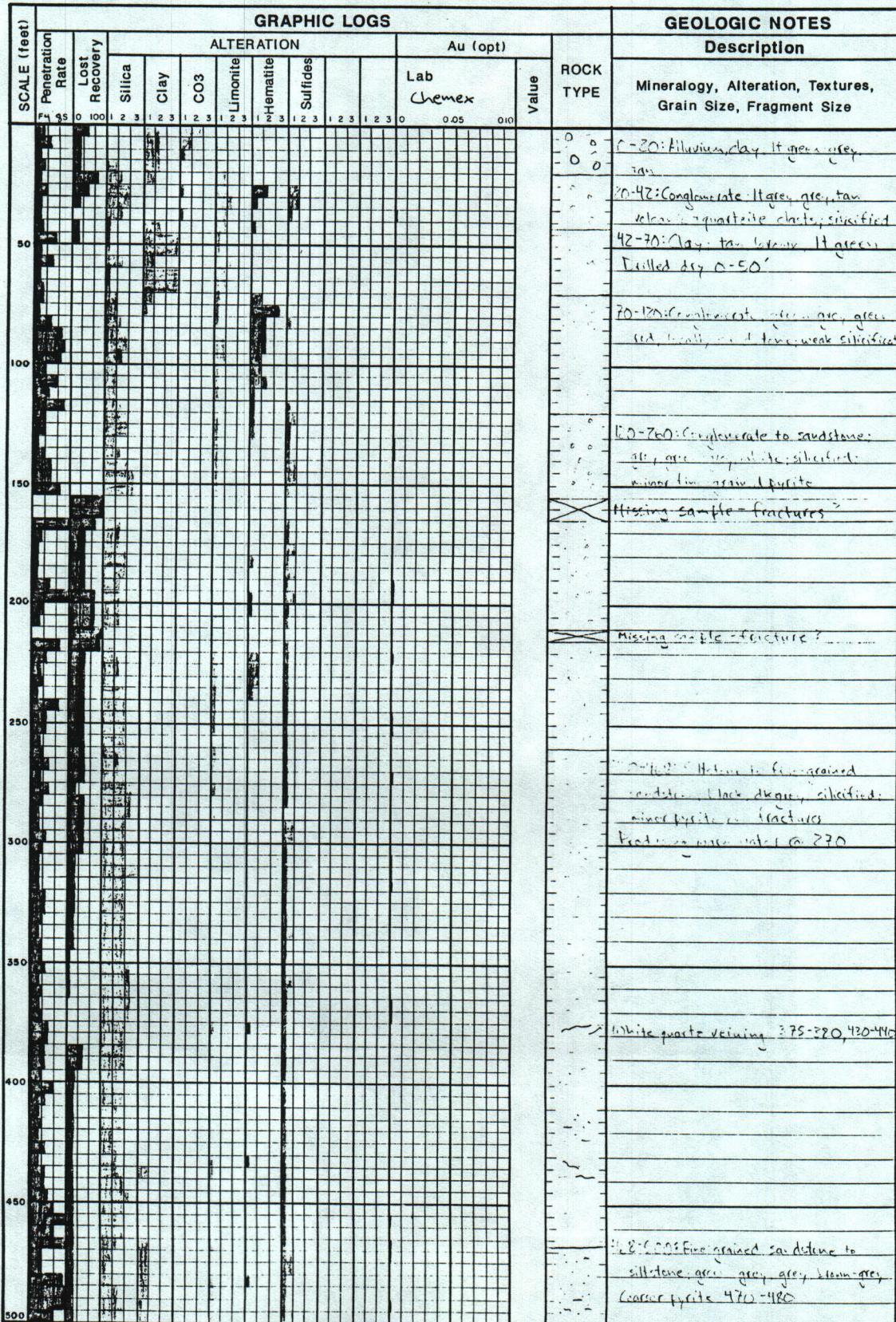
Samples analyzed by Chemex Labs Ltd, Certificate A9522073

**APPENDIX E: 1995 DRILL LOGS**

# LEXAM EXPLORATIONS (U.S.A.) INC.

## DRILL LOG

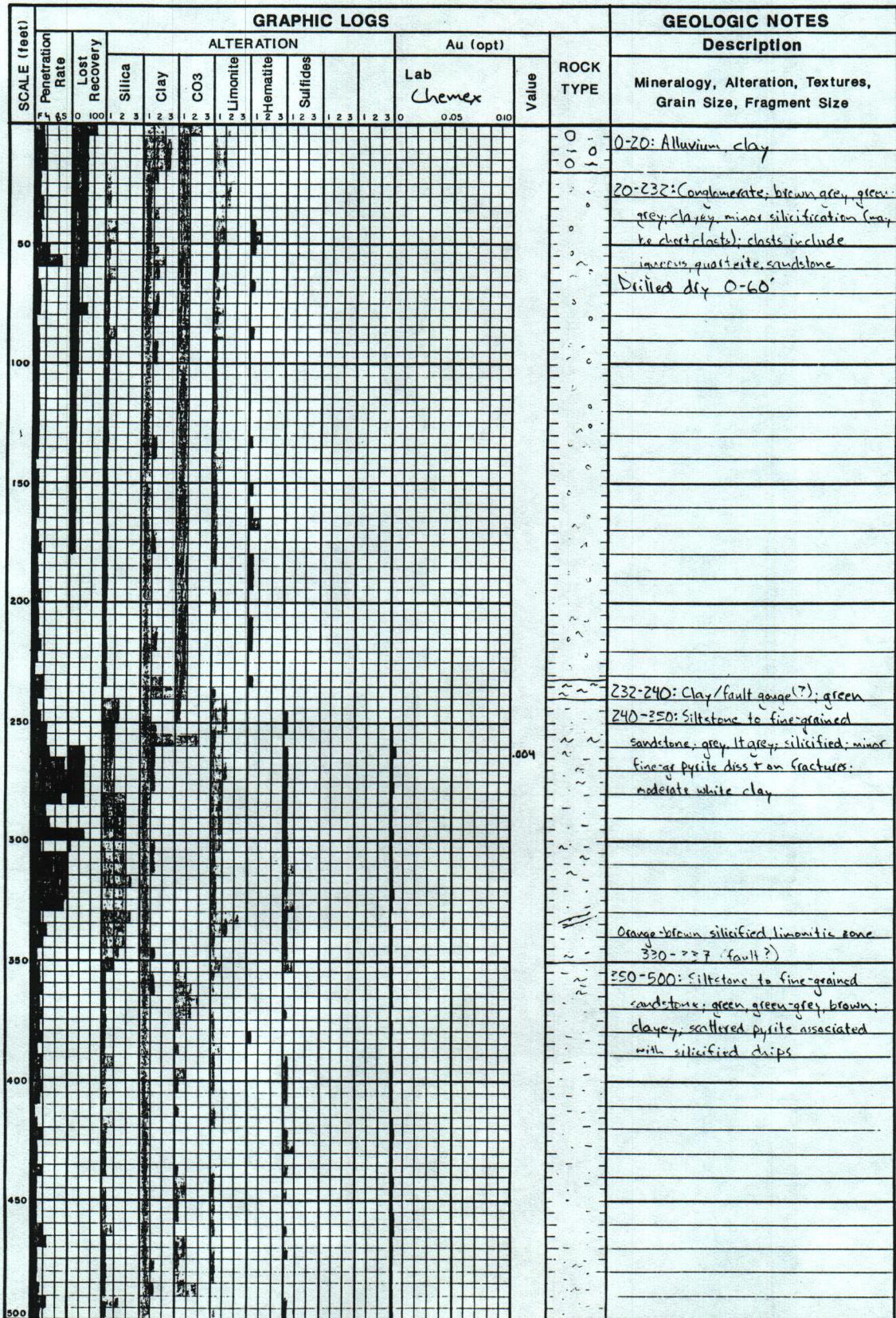
Project Three Mile Spring State Nevada County Elko Hole # IM-95-1  
 Location \_\_\_\_\_ Coordinates N E Elevation 5980'  
 Total Depth 500' Bearing N90E Inclination -60°  
 Type Drilling RC-DHM Hole Size 5 1/2" Start 7-11-95 Complete 7-17-95  
 Drilled by Harkworth Logged by JLP Date 7-26-95




# LEXAM EXPLORATIONS (U.S.A.) INC.

## DRILL LOG

Project Three Mile Spring State Nevada County Elko Hole # Tn-95-2  
 Location \_\_\_\_\_ Coordinates N E Elevation 5900'  
 Total Depth 500' Bearing N90F Inclination -60°  
 Type Drilling RC-DHH Hole Size 5 1/2" Start 7-12-95 Complete 7-13-95  
 Drilled by Harkworth Logged by JLP Date 7-26-95



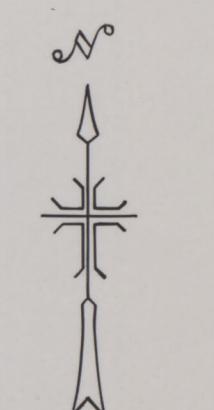
R 62 E

**EXPLANATION**

Quaternary	Qal	Alluvium
Qt	Talus	
Qhs	Hot Spring Deposits	
Tertiary	Tsl	Siltstone
	Tcg	Conglomerate

**SYMBOLS**

- Extent of Outcrop
- Fault, dashed where inferred
- Dotted where covered
- Silification, increased density of dots corresponds to increased silification
- X Prospect pit
- Strike and dip of bedding
- Drill Hole

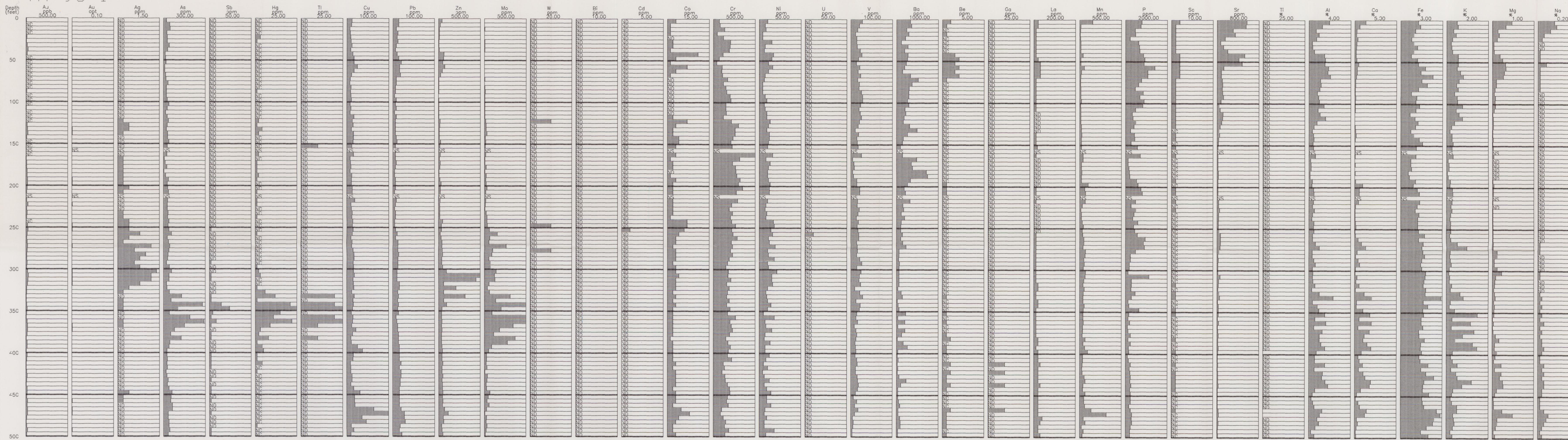


SCALE 1' = 500'  
0 500 1000 1500 Feet  
Grid based on Nevada coordinate system east zone

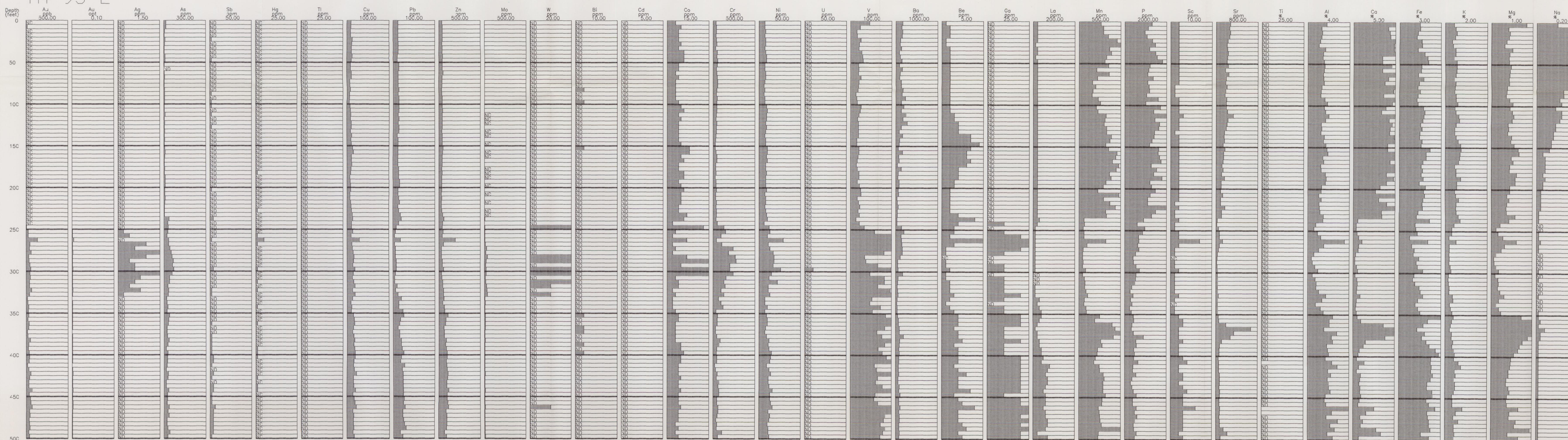
LEXAM EXPLORATIONS (U.S.A.) INC.			
THREE MILE SPRING PROSPECT			
Elko County, Nevada			
GEOLOGIC MAP			
DATE November, 1995	SCALE 1' = 500'	MAP BY JLP	PLATE 1

ELKO COUNTY GENERAL  
It unit 127 0050 0089

TM-95-1



TM-95-2



NS - No Sample  
ND - Below Detection Limit

LEXAM EXPLORATIONS (U.S.A.) INC.

THREE MILE SPRING PROJECT  
Elko County, Nevada

DRILL HOLE GEOCHEMISTRY

DATE December, 1995 SCALE 1" = 50' MAP BY JLP PLATE 4

ELKO COUNTY GENERAL  
Item 127

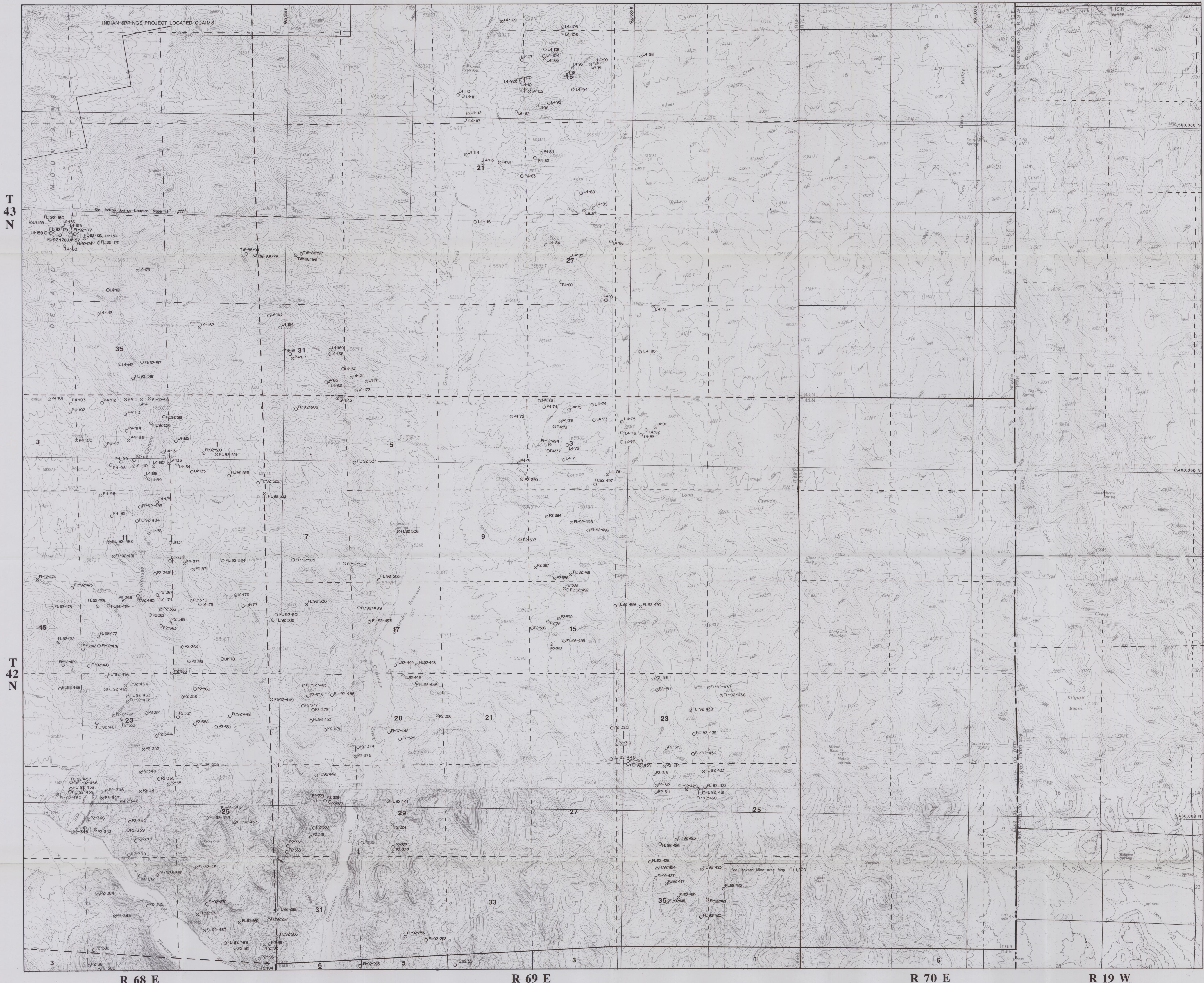
00500089


R 68 E

R 69 E

R 70 E

R 19 W





○ Rock Sample Location



SCALE 1:500  
0 500 1000 1500 Feet  
Grid based on Nevada coordinate system east zone

LEXAM EXPLORATIONS (U.S.A.) INC.			
THREE MILE SPRING PROSPECT			
Elko County, Nevada			
SAMPLE LOCATION MAP	DATE November, 1995	SCALE 1:500'	MAP BY JLP PLATE 2

ELKO COUNTY GENERAL  
Item 127

0050 0089