(68)
ITEM 22

1996 EXPLORATION PROGRAM
LEACH MOUNTAINS RECONNAISSANCE PROJECT

ELKO COUNTY, NEVADA

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

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

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SUMMARY

The Leach Mountains reconnaissance project is made up of approximately 140 alternating sections of fee mineral land in the Leach Mountains and southern Delano Mountains of northeast Nevada. Exploration activities in 1996 were concentrated in two areas: the Ninemile Mountain area in the northwest portion of the recon area and the Ritz area in the west central portion of the recon area.

At Ninemile Mountain, work in 1996 consisted of stream sediment sampling on the drainages that have gold anomalies in heavy mineral stream sediment samples. There is a weak gold anomaly in stream sediment samples that is spatially associated with the west margins of the Jurassic diorite pluton. Based on the low magnitude of the gold (<1-14 ppb) in stream sediments and the lack of alteration and anomalous gold values in rocks no follow-up work is recommended.

A similar stream sediment sampling program was completed on the north half of the Ritz-Lewis Spring area. The stream sediment sampling was concentrated on the drainages surrounding the Ritz area. At the Ritz area, a jasperoid outcrop in Chainman-Diamond Peak Formations was drill-tested by Kennecott in 1988. The stream sediment sampling completed in 1996 failed to identify any anomalous gold values.

Rock samples taken from jasperoids in prior years at the Lewis Spring area are anomalous in As, Sb, and Hg, but contain low levels of Au (maximum of 75 ppb). This area, based on elevated values of the pathfinder elements, is considered a low-priority gold target. As a follow-up, a soil geochem survey and detailed geologic mapping of the Lewis Spring area is recommended to be conducted in early 1997. The detailed geochem and geology can then be evaluated to determine a priority for drilling.

INTRODUCTION

Location

This report describes Lexam's exploration activities for 1996 in the Leach Mountains reconnaissance area. The Leach Mountains project consists of approximately 140 alternating sections of fee mineral land in the Leach Mountains and the southern portion of the Delano Mountains, west and northwest of Montello in northeastern Nevada (Figure 1). Lexam generally controls a 100% interest in the mineral rights on these alternating sections in Townships 38, 39, 40, 41, and 42 North and Ranges 66, 67, and 68 East. Intervening sections are administered by the BLM.

Previous Investigations

Gold exploration activity by Lexam in the Leach Mountains prior to 1996 is discussed by Powell (1996). Work by other companies in the Leach Mountains has included minor exploration efforts for phosphate, base metals, and gold. Lexam's evaluation of its mineral holding in the Leach Mountains prior to 1996 included limited geologic mapping and rock chip sampling in 1991 and 1992, a heavy mineral stream sediment sampling program in 1994, and a systematic mapping and sampling program in 1994-5 which covered 100% of the range (Powell, 1996).

1996 Investigations

Exploration activities in 1996 were concentrated in two areas: the Ninemile Mountain area in the northwest portion of the recon area and the Ritz area in the west central portion of the recon area. The principal method of exploration for each area was stream sediment silt sampling. A very limited amount of rock sampling and geologic mapping was completed at each area.

At the Ninemile Mountain area, 139 stream sediment silt samples and 1 rock sample were collected and analyzed. At the Ritz area, 74 stream silt-sediment samples and 16 rock samples were collected and analyzed. The stream sediment silt samples were collected by Fred Limbach and Brad Anderson during September and October, 1996. Approximately 4 pounds of silt sediment was screened to -1/4 mesh in the field. Chemex sieved the silts to -150 mesh and analyzed the fine fraction for Au (30 g NAA, 1 ppb detection limit) and 32 other elements (ICP-AES). The rock samples were also analyzed by Chemex (Au -- 30 g FA-AAS, 5 ppb detection limit, and 32 elements -- ICP-AES).

Jon Powell re-mapped parts of the Ritz area at 1"=500' and collected 16 rock samples. The geology for the Ninemile Mountain area was enlarged from Powell (1996).

NINEMILE MOUNTAIN AREA

Geology

The geology of the Ninemile Mountain area is dominated by a Jurassic diorite pluton that has intruded Permian carbonate and silicic units (Plate 1). The Jurassic diorite

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LOCATION MAP

February, 1996 Figure 1

has produced a weak, discontinuous marble aureole in the carbonate rocks that varies from 0 to 50 ft in width. The marble halo, which has not been mapped, is generally recrystallized and bleached white-light grey. Very fine-grained, unidentified, calc-silicate metamorphic minerals sporadically accompany the marble.

All the land ownership at Ninemile Mountain is BLM-administrated. In 1988, Western Geoscience staked 24 lode claims that covered the main part of the intrusive. The claims, which were only held one year, apparently were staked for Gold Fields. There is no evidence that there has been any drilling at Ninemile Mountain.

Stream Sediment Geochemistry

In 1994, heavy mineral stream sediments were collected from the entire Leach Mountain Recon area (Plate 3 and Appendix A) as documented by Powell (1995). Samples taken from drainages in the Ninemile Mountain area had some of the highest gold contents of the entire Leach Mountains. Surface prospecting and rock sampling at Ninemile Mountain in 1994 and 1995 failed to discover any anomalous gold values in surface rock samples (Powell, 1996). As a final exploration effort at Ninemile, silt samples were collected from the drainages with anomalous gold in heavy minerals in 1996. Silt samples were collected at the anomalous heavy mineral site and at 500-ft intervals up the drainage (Plate 3).

Barry Smee reviewed the stream sediment sample data and tentatively recommended several areas for follow-up (Appendix B). The stream sediment samples have higher gold values (maximum of 14 ppb) along the western margin of the diorite stock. The most likely explanation for the anomalous gold values is the presence of weak skarn mineralization associated with the marble halo. The rock exposures in the areas he recommended for follow-up lack alteration.

Rock Geochemistry

In the Ninemile Mountain area, 99 rock samples have been analyzed between 1994 and 1996 (Plate 2 and Appendix A). The best Au value is in sample L6-083, which has 260 ppb; the next best sample is 85 ppb in sample L4-470. Both of these samples were taken from a 6" silicified shear zone in unaltered Trapper Creek limestone. This shear is traceable along strike for approximately 200 ft. Because of its limited dimensions, the shear has little or no potential for hosting an economic gold deposit.

RITZ AREA

Geology

The Ritz area (Section 34, T40N, R67E) was explored by Kennecott Exploration in 1988-90. Kennecott staked 36 Ritz claims in August, 1989. In early 1990, Kennecott drilled two vertical, reverse circulation holes on an outcrop of jasperoid in the Chainman-Diamond Peak Formation (Plate 4). A surface sample of the jasperoid contained 1,000 ppb Au (Ken Krahuelic, personal communication, 1990). In August 1991, sample bags were still on site at hole RZR-2; samples from the bags were subsequently submitted to Chem Assay for gold analysis and Acme for ICP analysis (Appendix C). The highest gold value

in the hole is 120 ppb. The cuttings from the 525-ft hole consist of oxidized sandstone/conglomerate of the Chainman-Diamond Peak Formations.

The Ritz area was mapped in 1994 as part of the Leach Mountain Recon program (Powell, 1995). Jon Powell spent one day in 1996 modifying the geologic database (Plate 4). The only significant modification is changing the terminology of the limestone that lies above the Chainman-Diamond Peak from Tripon Pass to Ely Limestone. The correct terminology is uncertain; additional study is required.

Geologically, the stratigraphic target with the most potential at the Ritz area is the lower contact of the Chainman-Diamond Peak Formations with the Guilmette Limestone. The depth of this target is greater than 525 ft, which makes it unattractive at this time.

Stream Sediment Geochemistry

In 1994, heavy mineral stream sediments were collected from the entire Leach Mountain Recon area (Powell, 1995). Sample L-79 HN taken from the Ritz area contains 2,410 ppb Au. Surface prospecting and rock sampling in 1994 and 1995 failed to discover any anomalous gold values in surface rock samples, except for the site drilled by Kennecott. (Powell, 1996). In 1996, silt samples were collected from the drainages near the anomalous jasperoid. Silt samples were collected at the anomalous heavy mineral sites and at 500-ft intervals up the drainages (Plate 5).

The maximum gold value in stream sediments is 10 ppb at site L79-01 (Plate 5). The next highest gold value is 2 ppb. The low gold values coupled with low As and Sb values in stream sediments (Appendix C) downgrade the gold potential of any near-surface targets.

Rock Geochemistry

In the Ritz-Lewis Spring area, 102 rock samples have been collected and analyzed since 1991 (Appendix C). The highest gold value obtained by Lexam in the area (FL-91-41, 151 ppb) is at the jasperoid at Kennecott's Ritz drill target. The next highest gold value is L4-314 (75 ppb Au) taken, at the north end of the Lewis Spring area. Several of the samples in the Lewis Spring area contain very anomalous amounts of As (2626 ppm), Sb (200 ppm), and Hg (1720 ppm). The elevated pathfinder elements might be indicating a high-level epithermal system that could contain higher gold values at depth.

CONCLUSIONS

Analysis of stream silt sediments has not enhanced the gold potential of a skarn or sediment-hosted gold deposit occurring at either Ninemile Mountain or at Ritz. The anomalous heavy mineral stream sediment samples from Ninemile Mountain are likely due to weak skarn mineralization in marble adjacent to the diorite pluton. The lack of elevated gold values in silts (maximum of 14 ppb) and rocks (maximum of 260 ppb) suggest that Ninemile Mountain does not host any economic gold mineralization.

Rock and stream sediment sampling has failed to discover any significant gold mineralization at the Ritz-Lewis Spring area with the exception of the jasperoid drilled by Kennecott. However, the Lewis Spring area has several rock values with high As, Sb, and

Hg values but low Au values. Based on vertical geochemical zoning models, a blind gold target can be project in the Lewis Spring area. Additional work is required at Lewis Spring before a drill target can be defined. The anomalous rock samples are primarily on BLM surface (Section10, T39N, R67E, see Plates 4 & 5).

RECOMMENDATIONS

Additional work at Ninemile Mountain and at Ritz is not recommended based on the lack of favorable geochemical results from the stream sediment samples.

The Lewis Spring area, based on elevated values of the pathfinder elements, is considered a low-priority gold target. As a follow-up, a soil geochem survey (450 samples with spacing of 200 ft by 100 ft) of the Lewis Spring area is recommended along with detailed geologic mapping of the soil grid area. This work, which will take 2-3 weeks, can begin in April, 1997. The detailed geochem and geology can then be evaluated to determine if claim-staking and drilling are warranted.

REFERENCES

Powell, J. L., 1996, 1995 exploration program, Leach Mountains reconnaissance project, Elko County, Nevada: unpublished report for Lexam Explorations Inc., 53 p.

Powell, J. L., 1995, 1994 exploration program, Leach Mountains reconnaissance project, Elko County, Nevada: unpublished report for Lexam Explorations Inc., 56 p.

APPENDIX A

Ninemile Mountain Area Geochemical Analyses

NINEMILE MOUNTAIN AREA - LEACH MOUNTAINS RECON PROJECT- HEAVY MINERAL ANALYSES

Sample Number		Wt grams	Au ppb	Sb ppm	As ppm	Ba ppm	Br ppm	Cd ppm	Ce ppm	Cs ppm	Cr ppm	Co ppm	Eu ppm	Hf ppm	Ir ppb	Fe %	La ppm	Lu ppm	Mo ppm	Ni ppm	Rb ppm	Sm ppm	Sc ppm	Se ppm	Ag ppm	Na %	Ta ppm	Te ppm	Tb ppm	Th ppm	Sn ppm	W ppm	U ppm	Yb ppm	Zn ppm	Zr ppm
L- 1	-80HN	2.34	1880	1	-6	3800	74	-66	1570	-4	330	-10	45	593	-300	1	637	13	110	-130	-74	275	25	-67	-19	0.35	154	-190	40	354	-1700	5050	159	120	-720	29000
L- 2	-80HN	0.12	-290	11	-40	74700	490	-460	5270	-26	-1300	-120	-75	7480	-2300	-5	2300	48	-110	-940	-520	470	110	-360	-130	-0.66	95	-1200	54	1190	-10000	9100	679	610	-9000	341000
L- 3	-80HN	1.37	2000	2	-8	1500	93	-98	1470	-4	610	-10	19	1820	-500	2	898	19	29	-140	-74	138	31	-67	-19	0.16	43	-300	18	345	-2400	10300	198	150	-950	89500
L- 4	-80HN	1.35	-30	2	9	168000	47	-49	1360	4	340	21	11	1760	-250	-1	574	13	-14	-99	86	108	23	-44	-15	0.40	19	-160	15	218	-1200	33	148	130	-200	80900
L- 5	-80HN	1.28	507	4	13	1400	64	-43	1510	-3	350	-10	-12	3200	-270	-1	579	17	-14	-100	67	86	24	-39	-14	0.61	18	-190	15	310	-1100	27	195	170	-1100	142000
L- 6	-80HN	2.10	-20	4	11	1300	62	-31	1420	-2	-140	-10	13	2130	-100	1	522	18	-12	-77	63	98	28	-28	-11	0.55	22	-140	15	275	-820	11	160	150	-710	93500
L- 7	-80HN	0.79	100	3	9	15000	62	-55	1600	-4	-200	-20	-13	2140	-200	2	670	10	-18	-130	-78	113	27	-45	-10	0.35	18	-170	10	294	-1300	17	186	140	-400	99000
L- 8	-80HN	12.99	-5	3	35	28100	61	-10	800	4	120	44	4	246	-100	14	430	3	11	-20	53	35	25	-10	-5	0.40	8	-42	4	96	-200	6	25	21	210	12000
L- 9	-80HN	1.16	30	4	22	1700	51	-33	1050	-3	260	-10	-6	1090	-100	2	340	8	-11	-85	53	64	18	-30	-12	0.42	12	-87	9	147	-800	-6	103	84	-200	52000
L- 10	-80HN	2.03	38	3	27	770	67	-34	1470	-3	180	-10	10	1700	-100	2	792	12	-10	-85	73	88	22	-27	-13	0.65	16	-100	9	245	-870	17	131	100	-640	78500
L- 11	-80HN	4.77	-14	9	234	960	59	-10	1500	-2	320	83	-5	484	-100	17	773	7	-6	120	-40	72	68	-10	-10	0.33	10	-69	8	192	-580	23	55	50	350	22000
L- 12	-80HN	1.04	-27	5	34	460	66	-45	970	-3	190	-10	15	1980	-200	1	512	14	-15	-110	-64	91	30	-38	-14	0.46	27	-130	16	239	-1100	29	193	150	-1200	95500
L- 13	-80HN	0.72	-40	7	23	-550	69	-65	2030	-5	520	-20	16	2500	-200	2	940	15	-21	-170	-97	151	32	-55	34	0.45	28	-190	22	474	-1600	41	247	180	-1500	120000
L- 18	-80HN	1.25	-43	16	11	790	108	-70	2690	-6	410	-23	72	1580	-300	-1	1000	23	-25	-190	-110	426	35	-110	-29	-0.13	217	-200	54	680	-1700	890	300	200	-1200	72000
# of Samples		14																																		
Maximum		12.99	2000	16	234	168000	490	-10	5270	4	610	83	72	7480	-100	17	2300	48	110	120	86	470	110	-10	34	0.65	217	-42	54	1190	-200	10300	679	610	350	341000
Minimum		0.12	-290	1	-40	-550	47	-460	800	-26	-1300	-120	-75	246	-2300	-5	340	3	-110	-940	-520	35	18	-360	-130	-0.66	8	-1200	4	96	-10000	-6	25	21	-9000	12000
Average		2.38	292	5	27	21281	98	-76	1765	-4	142	-8	7	2050	-359	3	783	16	-8	-154	-47	158	36	-66	-19	0.31	49	-226	21	361	-1812	1824	199	161	-1233	94779
Std Dev		3.13	692	4	60	45122	110	109	1067	7	453	42	31	1696	549	6	460	10	44	229	149	130	24	85	34	0.33	61	277	16	269	2332	3470	150	133	2217	76914

Sample Number		Wt grams	Au ppb	Sb ppm	As ppm	Ba ppm	Br ppm	Co ppm	Ce ppm	Cs ppm	Cr ppm	Co ppm	Eu ppm	Hf ppm	Ir ppb	Fe %	La ppm	Lu ppm	Mo ppm	Ni ppm	Rb ppm	Sm ppm	Sc ppm	Se ppm	Ag ppm	Na %	Ta ppm	Te ppm	Tb ppm	Th ppm	Sn ppm	W ppm	U ppm	Yb ppm	Zn ppm	Zr ppm
L- 1	-80HP	9.21	22	18	260	500	121	-10	2150	-1	620	81	-8	32	-100	27	1350	2	28	-65	56	67	38	-10	-5	0.14	12	-83	5	325	-570	27	18	8	390	-1400
L- 2	-80HP	0.59	100	23	356	2400	130	-100	8430	-10	820	87	-38	230	-550	26	4700	8	-23	-340	-220	267	150	-78	-47	-0.22	13	-320	22	743	-2700	28	32	25	-2600	8900
L- 3	-80HP	8.25	24	31	571	490	117	-10	1590	-2	320	76	-6	120	-100	32	984	4	35	-71	-41	68	49	-21	-10	0.16	14	-80	6	231	-640	81	28	20	510	5900
L- 4	-80HP	7.66	36	40	823	2100	136	-36	3230	-3	410	90	-9	61	-100	37	1880	4	93	200	-67	109	67	-33	-16	0.11	10	-110	6	315	-1100	10	23	13	1000	3000
L- 5	-80HP	8.11	32	17	468	970	81	-10	1210	-1	350	94	-4	223	-100	30	600	5	21	-61	-35	57	58	-10	-5	0.16	23	-54	9	147	-530	12	22	38	680	11000
L- 6	-80HP	8.68	20	8	75	2000	44	-31	3170	-3	530	79	-8	72	-100	30	1830	3	-8	-100	-60	109	83	-27	-14	-0.05	22	-84	8	315	-830	16	13	19	-560	3300
L- 7	-80HP	4.34	-13	9	310	540	76	-10	1430	-2	210	91	-5	52	-100	30	884	2	17	110	-44	55	54	-10	-11	0.10	12	-68	5	168	-600	7	16	10	440	2700
L- 8	-80HP	12.99	-5	3	37	1000	40	-10	550	-1	75	77	-2	44	-100	30	310	2	16	42	-21	25	64	-10	-5	0.13	18	-20	3	56	-200	5	6	14	760	2300
L- 9	-80HP	5.68	-11	13	131	10600	55	-10	2240	-1	330	240	-4	35	-100	23	681	3	18	-63	-35	48	58	-10	-5	0.16	11	-50	5	120	-490	77	9	15	610	2000
L- 10	-80HP	15.45	-5	10	185	2100	76	-10	480	-1	400	95	2	39	-100	24	250	2	14	-20	-10	28	68	-10	-5	0.15	17	-20	5	51	-200	11	8	18	660	2000
L- 11	-80HP	5.27	8	4	86	460	38	-10	540	-1	390	64	-2	40	-100	22	300	2	-2	-50	-27	27	75	-10	-5	0.20	14	-20	5	58	-200	-2	6	13	440	2500
L- 12	-80HP	5.82	-12	10	231	850	88	-10	1400	3	330	70	-5	67	-100	23	837	2	-4	-68	-39	65	61	-10	-5	0.19	16	-55	6	184	-540	13	18	18	690	2800
L- 13	-80HP	4.43	-14	13	175	300	86	-10	1460	-2	330	65	-5	110	-100	28	850	3	-5	77	-43	65	61	-10	-11	0.17	22	-60	8	191	-600	23	20	26	580	6500
L- 18	-80HP	7.44	-14	18	196	310	211	-10	1410	-2	390	86	-5	110	-100	26	923	3	10	170	-42	64	46	-10	-5	0.11	23	-61	7	229	-600	26	28	22	-200	5000
# of Samples		14																																		
Maximum		15.45	100	40	823	10600	211	-10	8430	3	820	240	2	230	-100	37	4700	8	93	200	56	267	150	-10	-5	0.20	23	-20	22	743	-200	81	32	38	1000	11000
Minimum		0.59	-14	3	37	300	38	-100	480	-10	75	64	-38	32	-550	22	250	2	-23	-340	-220	25	38	-78	-47	-0.22	10	-320	3	51	-2700	-2	6	8	-2600	-1400
Average		7.42	12	16	279	1759	93	-20	2092	-2	393	93	-7	88	-132	28	1170	3	15	-17	-45	75	67	-19	-11	0.11	16	-78	7	224	-700	24	18	19	243	4036
Std Dev		3.55	30	10	209	2556	45	24	1943	3	170	42	9	63	116	4	1093	2	26	129	56	59	26	18	11	0.11	5	72	4	170	602	24	8	7	876	3056

Heavy mineral separates and weights prepared by CF Mineral Research Ltd.
Samples analyzed by INAA by Becquerel Laboratories Inc.
Results for samples with very low weights should be taken as semi-quantitative.
Samples with high U may have artificially elevated Sm results.

(12)

NINEMILE MOUNTAIN AREA - LEACH MOUNTAINS RECON PROJECT - ROCK SAMPLE ASSAYS

Sample Number	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	U ppm	V ppm	Ba ppm	Be ppm	Ga ppm	La ppm	Mn ppm	P ppm	Sc ppm	Sr ppm	Ti %	Al %	Ca %	Fe %	K %	Mg %	Na %
P4-426	-5	-0.000	-0.2	-2	-2	-1	-10	2	-2	8	-1	-10	-2	-0.5	-1	206	4	-10	3	20	-0.5	-10	-10	15	810	-1	48	-0.01	0.04	3.10	0.27	0.01	0.40	0.01
P4-427	-5	-0.000	-0.2	4	-2	-1	-10	3	2	12	-1	-10	-2	-0.5	-1	235	8	-10	6	240	-0.5	-10	-10	25	1150	-1	29	-0.01	0.11	3.52	0.29	0.03	0.54	-0.01
P4-428	-5	-0.000	-0.2	-2	-2	1	-10	2	-2	14	1	-10	-2	-0.5	-1	202	7	-10	10	20	-0.5	-10	-10	30	1090	-1	23	-0.01	0.11	2.93	0.28	0.06	1.02	0.01
P4-429	-5	-0.000	0.2	12	-2	1	-10	6	4	24	1	-10	2	-0.5	-1	268	12	-10	11	40	-0.5	-10	-10	55	990	-1	14	-0.01	0.11	0.36	0.38	0.06	0.02	-0.01
P4-430	-5	-0.000	-0.2	4	-2	-1	-10	2	4	20	-1	-10	-2	-0.5	-1	128	4	-10	9	30	-0.5	-10	-10	90	530	-1	90	-0.01	0.04	7.53	0.19	0.01	2.65	0.01
P4-431	-5	-0.000	-0.2	-2	-2	1	-10	2	-2	30	-1	-10	-2	-0.5	-1	121	4	-10	10	80	-0.5	-10	-10	55	460	-1	36	-0.01	0.12	8.92	0.33	0.01	0.33	-0.01
P4-432	-5	-0.000	-0.2	-2	-2	-1	-10	4	-2	8	1	-10	2	-0.5	-1	257	5	-10	5	20	-0.5	-10	-10	60	2710	-1	50	-0.01	0.06	3.08	0.27	0.02	0.58	0.01
P4-433	-5	-0.000	0.2	4	2	-1	-10	12	2	20	1	-10	-2	-0.5	2	232	30	-10	13	100	-0.5	-10	-10	315	1420	-1	25	-0.01	0.25	0.49	0.51	0.12	0.04	-0.01
P4-434	-5	-0.000	0.2	-2	-2	-1	-10	3	-2	40	1	-10	-2	1.0	-1	102	9	-10	9	30	-0.5	-10	-10	60	1220	1	59	-0.01	0.17	11.65	0.34	0.09	1.81	-0.01
P4-435	-5	-0.000	-0.2	8	-2	-1	-10	2	-2	16	-1	-10	-2	-0.5	-1	102	3	-10	11	-10	-0.5	-10	-10	40	1760	-1	111	-0.01	0.09	7.98	0.21	0.04	0.75	-0.01
P4-436	15	0.000	-0.2	30	2	-1	-10	8	4	36	1	10	2	1.5	2	170	7	-10	28	290	-0.5	-10	10	635	2320	1	84	-0.01	0.37	15.00	0.88	0.07	0.51	0.01
P4-437	-5	-0.000	0.4	18	-2	-1	-10	7	14	46	2	-10	-2	0.5	1	88	2	-10	16	200	-0.5	-10	-10	190	70	1	11	-0.01	0.58	0.44	0.69	0.37	0.04	0.02
P4-438	-5	-0.000	0.2	6	-2	-1	-10	2	12	48	-1	-10	-2	-0.5	-1	86	3	-10	3	180	0.5	-10	-10	365	90	1	19	-0.01	0.61	0.25	0.50	0.36	0.05	0.02
P4-439	10	0.000	0.2	48	4	-1	-10	9	6	20	7	-10	-2	0.5	2	176	12	-10	29	420	2.5	-10	10	55	610	1	41	-0.01	0.37	1.41	2.18	0.16	0.07	-0.01
P4-440	-5	-0.000	-0.2	-2	2	-1	-10	5	-2	18	1	-10	-2	-0.5	-1	248	7	-10	8	30	-0.5	-10	-10	65	860	-1	21	-0.01	0.07	2.81	0.24	-0.01	1.48	-0.01
P4-441	-5	-0.000	-0.2	-2	2	-1	-10	3	2	22	1	-10	2	-0.5	2	216	7	-10	4	100	-0.5	-10	-10	70	900	-1	38	-0.01	0.09	2.83	0.27	0.02	0.43	-0.01
P4-442	5	0.000	-0.2	8	2	-1	-10	4	6	20	1	-10	2	-0.5	1	274	6	-10	6	140	-0.5	-10	-10	175	4640	-1	85	-0.01	0.13	1.77	0.33	0.03	0.15	0.01
P4-443	-5	-0.000	0.2	8	2	-1	-10	4	6	22	2	-10	-2	-0.5	-1	337	7	-10	8	50	-0.5	-10	-10	140	3920	-1	75	-0.01	0.14	1.93	0.37	0.02	0.42	0.01
P4-444	-5	-0.000	-0.2	-2	2	-1	-10	3	4	16	2	-10	-2	-0.5	1	275	4	-10	7	40	-0.5	-10	-10	130	2710	-1	73	-0.01	0.13	2.32	0.33	0.03	0.78	0.01
P4-445	-5	-0.000	-0.2	2	2	-1	-10	3	-2	10	2	-10	4	-0.5	-1	268	7	-10	6	20	-0.5	-10	-10	130	1760	-1	82	-0.01	0.12	4.61	0.39	0.04	0.25	0.01
P4-446	-5	-0.000	-0.2	2	2	-1	-10	4	-2	10	1	-10	4	-0.5	2	344	7	-10	6	170	-0.5	-10	-10	70	950	-1	26	-0.01	0.06	1.72	0.36	-0.01	0.71	-0.01
P4-447	20	0.001	-0.2	-2	-2	-1	-10	3	2	34	6	-10	-2	0.5	1	179	8	-10	11	40	-0.5	-10	-10	60	6590	1	82	-0.01	0.21	6.92	0.30	0.07	2.36	0.01
P4-448	-5	-0.000	-0.2	-2	-2	-1	-10	4	2	30	1	-10	4	0.5	1	254	9	-10	14	30	-0.5	-10	-10	100	2000	-1	42	-0.01	0.18	5.44	0.35	0.06	2.50	0.01
P4-449	-5	-0.000	-0.2	-2	2	-1	-10	4	4	42	1	-10	-2	0.5	1	209	7	-10	5	240	-0.5	-10	-10	150	3740	-1	36	-0.01	0.18	3.52	0.32	0.04	1.32	0.01
L4-355	-5	-0.000	-0.2	20	4	-1	-10	4	-2	90	1	-10	-2	-0.5	1	156	15	-10	20	30	-0.5	-10	10	95	3270	2	74	-0.01	0.53	6.09	0.72	0.30	0.15	0.02
L4-356	-5	-0.000	-0.2	18	2	-1	-10	7	2	112	1	-10	4	-0.5	3	211	25	-10	34	60	-0.5	-10	10	100	2440	2	44	-0.01	0.68	0.65	1.03	0.29	0.28	0.01
L4-357	-5	-0.000	0.2	14	-2	-1	-10	44	20	28	2	-10	6	0.5	3	431	18	-10	26	150	-0.5	-10	-10	125	960	-1	15	-0.01	0.15	0.30	1.33	0.02	0.07	-0.01
L4-358	10	0.000	0.4	88	8	-1	-10	99	-2	18	15	90	4	-0.5	3	109	3	-10	38	90	-0.5	-10	-10	65	140	-1	29	-0.01	0.07	0.10	3.65	0.07	0.02	0.01
L4-359	-5	-0.000	-0.2	46	8	-1	-10	39	6	40	104	40	2	-0.5	5	105	10	-10	41	150	-0.5	-10	10	940	1470	2	277	-0.01	0.46	8.49	2.55	0.17	0.28	0.01
L4-360	15	0.000	0.4	126	12	1	-10	16	-2	34	47	-10	2	0.5	-1	288	14	-10	18	120	-0.5	-10	-10	35	360	-1	27	-0.01	0.07	0.22	2.71	0.01	0.01	-0.01
L4-361	-5	-0.000	-0.2	66	12	-1	-10	911	-2	14	23	30	6	-0.5	3	145	6	-10	162	80	-0.5	20	-10	25	910	1	53	0.02	0.31	0.66	15.00	0.02	0.10	-0.01
L4-419	-5	-0.000	-0.2	92	4	-1	-10	25	8	16	10	-10	2	-0.5	1	213	3	-10	25	100	-0.5	-10	20	75	2150	-1	175	-0.01	0.18	0.68	3.74	0.05	0.10	0.02
L4-420	-5	-0.000	0.2	38	2	-1	-10	10	-2	56	4	-10	-2	2.5	1	251	9	-10	18	980	-0.5	-10	-10	135	1370	-1	273	-0.01	0.19	2.92	1.01	0.09	0.04	-0.01
L4-421	-5	-0.000	0.2	4	-2	-1	-10	9	-2	98	2	-10	2	9.0	-1	236	10	-10	11	1100	-0.5	-10	-10	225	2330	-1	167	-0.01	0.14	3.86	0.45	0.06	0.05	-0.01
L4-422	-5	-0.000	-0.2	6	2	-1	-10	3	-2	26	-1	-10	-2	0.5	-1	122	3	-10	6	320	-0.5	-10	-10	120	930	-1	813	-0.01	0.08	8.37	0.25	0.03	0.08	-0.01
L4-423	-5	-0.000	-0.2	-2	-2	-1	-10	3	-2	2	-1	-10	6	-0.5	-1	235	5	-10	2	20	-0.5	-10	-10	30	210	-1	11	0.02	0.18	0.61	0.23	0.01	0.14	-0.01
L4-424	-5	-0.000	0.2	-2	2	-1	-10	21	2	2	1	-10	2	-0.5	-1	133	42	-10	14	40	-0.5	-10	-10	35	830	1	21	0.10	1.20	1.37	0.69	0.09	0.19	0.03
L4-425	-5	-0.000	-0.2	2	-2	-1	-10	4	6	34	1	-10	-2	-0.5	-1	164	6	-10	2	10	-0.5	-10	-10	65	60	1	34	-0.01	0.40	0.09	0.48	0.25	0.06	0.02
L4-426	-5	-0.000	0.6	66	4	-1	-10	9	18	62	6	-10	-2	-0.5	1	264	21	-10	15	630	-0.5	-10	-10	60	1170	-1	90	-0.01	0.20	2.16	1.02	0.11	0.04	-0.01
L4-427	-5	-0.000	0.2	-2	2	-1	-10	3	-2	14	1	-10	-2	-0.5	-1	210	6	-10	4	90	-0.5	-10	-10	70	1520	-1	25	-0.01	0.09	3.56	0.28	0.03	0.07	-0.01
L4-428	-5	-0.000	0.2	12	-2	-1	-10	4	-2	12	1	-10	-2	-0.5	-1	316	6	-10	11	80	-0.5	-10	-10	60	5100	-1	34	-0.01	0.08	1.31	0.33	0.04	0.06	0.01
L4-429	-5	-0.000	-0.2	4	-2	-1	-10	3	-2	14	1	-10	-2	-0.5	-1	242	7	-10	11	40	-0.5	-10	-10	85	1880	-1	56	-0.01	0.10	4.45	0.27	0.04	2.32	0.01
L4-459	-5	-0.000	-0.2	2	4	-1	-10	3	-2	18	-1	-10	2	0.5	1	118	3	-10	5	20	-0.5	-10	-10	30	1040	-1	103	-0.01	0.04	15.00	0.16	0.01	0.29	-0.01
L4-460	-5	-0.000	-0.2	8	-2	-1	-10	6	2	14	1	-10	-2	-0.5	1	287	7	-10	7	60	-0.5	-10	-10	100	2000	-1	60	-0.01	0.17	3.70	0.40	0.04	0.52	0.01
L4-461	-5	-0.000	-0.2	2	2	-1	-10	3	-2	20	1	-10	-2	-0.5	1	192	7	-10	12	20	-0.5	-10	-10	65	1030	-1	84	-0.01	0.08	7.38	0.23	0.01	3.27	0.01
L4-462	-5	-0.000	3.6	16	2	-1	-10	19	24	16	17	-10	-2	-0.5	1	251	11	-10	30	170	-0.5	10	30	10	8060	8	225	0.01	0.87	1.07	3.64	0.78	0.13	0.01
L4-463	-5	-0.000	-0.2	-2	-2	-1	-10	3	-2	10	1	-10	6	-0.5	-1	248	6	-10	6	20	-0.5	-10	-10	75	580	-1	271	-0.01	0.06	5.58	0.26	-0.01	2.80	0.01
L4-464	-5	-0.000	0.2	4	-2	-1	-10	3	2	14	1	-10	-2	-0.5	1	290	7	-10	6	20	-0.5	-10	-10	35	1740	-1	36	-0.01	0.09	2.15	0.31	0.01	0.18	-0.01
L4-465	-5	-0.000	-0.2	2	-2	1	-10	3	14	54	1	-10	-2	-0.5	-1	151	3	-10	1	70	-0.5	-10	-10	50	60	-1	11	-0.01	0.33	0.17	0.47	0.21	0.03	0.01
L4-466	-5	-0.000	-0.2	-2	2	-1	-10	3	2	12	1	-10	2	-0.5	-1	118	4	-10	10	80	-0.5	-10	-10	245	410	-1	100	-0.01	0.06	9.97	0.17	0.01	2.19	-0.01
L4-467	10	0.000	-0.2	22	4	-1	-10	5	-2	54	-1	-10	-2	-0.5	1	152	14	-10	31	50	-0.5	-10	10	80	2240	2	147	-0.01	0.42	6.41	0.80	0.18	0.19	0.01
L4-468	-5	-0.000	0.2	106	4	-1	-10	6	2	48	3	10	2	0.5	2	179	9	-10	21	70	-0.5	-10	10	75	7730	1	406	-0.01	0.39	9.43	0.99	0.16	1.56	0.02
L4-469	-5	-0.000	-0.2	-2	2	-1	-10	4	-2	18	1	-10	-2	-0.5	2	217	9	-10	7	140	-0.5	-10	10	250	5120	-1	94	-0.01	0.17	5.13	0.31	0.04	0.96	0.01
L4-470	85	0.002	3.0	710	16	-1	-10	16	1090	2200	17	10	8	24.0	1	280	7	-10	152	60	-0.5	-10	10	115	3750	-1	113	-0.01	0.07	1.35	4.93	0.05	0.11	0.03
L4-471	-5	-0.000	0.6	80	4	-1	-10	6	36	68	1	-10	2	0.5	-1	279	10	-10	29	190	-0.5	-10	10	130	10000	-1	125	-0.01	0.22	2.86	0.85	0.07	0.12	0.01
L4-472	-5	-0.000	-0.2	8	-2	-1	-10	3	12	20	1	-10	-2	-0.5	1	219	4	-10	6	80	-0.5	-10	-10	130	3850	-1	78	-0.01	0.09	1.55	0.29	0.02	0.26	0.01
L4-473	-5	-0.000	-0.2	-2	-2	-1	-10	4	4	14	1	-10	2	-0.5	1	282	7	-10	7	160	-0.5	-10	10	90	2760	-1	41	-0.01	0.25	0.68	0.41	0.04	0.03	-0.01

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NINEMILE MOUNTAIN AREA - LEACH MOUNTAINS RECON PROJECT - ROCK SAMPLE ASSAYS

Sample Number	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	U ppm	V ppm	Ba ppm	Be ppm	Ga ppm	La ppm	Mn ppm	P ppm	Sc ppm	Sr ppm	Ti %	Al %	Ca %	Fe %	K %	Mg %	Na %
L4-474	-5	-0.000	-0.2	-2	2	-1	-10	5	2	20	2	-10	2	-0.5	1	320	9	-10	8	100	-0.5	-10	-10	100	1740	-1	31	-0.01	0.16	1.74	0.41	0.04	0.58	-0.01
L5-263	-5	0.000	-0.2	-2	-2	-1	-10	4	-2	4	1	-10	-2	-0.5	1	200	33	-10	17	60	-0.5	-10	-10	140	90	-1	501	-0.01	0.04	5.27	0.26	-0.01	2.97	0.02
L5-264	-5	0.000	0.2	6	2	-1	-10	6	2	256	2	-10	-2	16.5	-1	77	12	-10	14	40	-0.5	-10	10	85	790	1	197	-0.01	0.12	14.20	0.38	0.07	0.73	-0.01
L5-265	-5	0.000	-0.2	4	-2	-1	-10	3	12	18	6	-10	-2	-0.5	-1	136	6	-10	2	70	-0.5	-10	-10	70	240	1	31	-0.01	0.38	0.18	0.65	0.37	0.03	0.02
L5-266	-5	0.000	-0.2	18	2	-1	-10	4	12	66	2	-10	-2	-0.5	-1	103	6	-10	4	70	-0.5	-10	-10	240	150	1	102	-0.01	0.47	2.80	0.67	0.34	0.06	0.01
L5-267	10	0.000	-0.2	16	2	-1	-10	7	4	26	8	-10	-2	-0.5	1	241	21	-10	13	2560	-0.5	-10	-10	115	700	-1	73	-0.01	0.24	2.59	0.80	0.12	0.14	-0.01
L5-268	-5	0.000	-0.2	18	2	-1	-10	9	4	6	5	-10	-2	-0.5	2	232	21	-10	14	1080	-0.5	-10	10	75	1030	1	44	-0.01	0.41	0.53	1.15	0.23	0.09	-0.01
L5-269	-5	0.000	-0.2	-2	-2	-1	-10	2	-2	2	1	-10	-2	-0.5	-1	194	25	-10	6	170	-0.5	-10	-10	45	750	-1	118	-0.01	0.04	3.93	0.20	0.01	1.56	-0.01
L5-270	-5	0.000	0.2	6	2	-1	-10	7	2	68	10	-10	-2	2.0	1	284	28	-10	11	240	-0.5	-10	-10	125	1200	-1	27	-0.01	0.23	1.00	0.69	0.10	0.03	-0.01
L5-271	-5	0.000	0.2	6	-2	-1	-10	7	6	18	8	-10	-2	-0.5	1	426	34	-10	11	110	-0.5	-10	-10	145	2300	-1	36	-0.01	0.12	1.62	0.53	0.04	0.30	-0.01
L5-272	-5	0.000	-0.2	-2	-2	-1	-10	6	4	12	1	-10	-2	-0.5	1	329	34	-10	6	60	-0.5	-10	-10	190	770	-1	31	-0.01	0.03	3.10	0.35	0.01	1.37	-0.01
L5-444	-5	0.000	-0.2	4	-2	-1	-10	4	2	14	6	-10	-2	-0.5	1	346	8	-10	10	140	-0.5	-10	10	80	5110	-1	77	-0.01	0.14	2.40	0.38	0.06	0.18	0.01
L5-445	-5	0.000	4.2	80	2	-1	-10	8	778	188	2	-10	-2	2.0	1	491	13	-10	143	30	-0.5	-10	-10	215	1490	-1	20	-0.01	0.07	0.82	1.22	0.03	0.21	-0.01
L5-446	-5	-0.000	17.0	138	4	-1	-10	8	818	578	2	-10	98	2.0	-1	391	14	-10	140	30	-0.5	-10	10	80	5950	-1	95	-0.01	0.12	1.70	1.75	0.05	0.06	-0.01
L5-447	-5	-0.000	-0.2	-2	-2	-1	-10	4	2	8	7	-10	-2	-0.5	-1	356	8	-10	5	70	-0.5	-10	-10	80	1920	-1	35	-0.01	0.07	0.54	0.37	0.02	0.03	-0.01
L5-448	-5	-0.000	0.2	4	-2	-1	-10	14	4	72	3	-10	-2	0.5	-1	422	29	-10	25	60	-0.5	-10	-10	30	2610	-1	22	-0.01	0.32	0.58	0.58	0.14	0.04	-0.01
L5-449	-5	-0.000	-0.2	-2	-2	-1	-10	13	2	14	1	-10	-2	-0.5	-1	251	4	-10	1	1400	-0.5	-10	-10	30	330	-1	53	-0.01	0.01	2.36	0.23	-0.01	0.40	-0.01
L5-450	-5	-0.000	-0.2	-2	-2	-1	-10	3	-2	2	6	-10	-2	-0.5	-1	353	7	-10	3	10	-0.5	-10	-10	45	90	-1	9	-0.01	0.02	1.27	0.29	-0.01	0.62	0.01
P5-274	-5	-0.000	-0.2	12	4	-1	-10	7	-2	14	12	-10	2	-0.5	1	379	40	-10	10	150	-0.5	-10	-10	165	3920	-1	42	-0.01	0.20	1.19	0.59	0.09	0.10	0.01
P5-275	-5	-0.000	-0.2	14	2	-1	-10	7	-2	14	12	-10	-2	-0.5	1	380	39	-10	10	140	-0.5	-10	-10	155	3750	-1	40	-0.01	0.20	1.12	0.57	0.09	0.10	0.01
P5-276	-5	-0.000	-0.2	2	2	-1	-10	4	2	12	5	-10	-2	-0.5	1	323	26	-10	9	50	-0.5	-10	-10	120	1020	-1	128	-0.01	0.09	3.36	0.39	0.03	1.60	0.01
P5-277	-5	-0.000	-0.2	-2	2	-1	-10	2	-2	6	-1	-10	2	-0.5	-1	138	16	-10	8	10	-0.5	-10	-10	20	630	-1	119	-0.01	0.10	6.58	0.15	-0.01	0.20	-0.01
P5-278	10	0.000	0.2	20	4	-1	-10	21	8	20	-1	10	4	0.5	1	68	10	-10	26	20	-0.5	-10	-10	165	1020	1	331	-0.01	0.35	15.00	0.48	0.06	0.53	-0.01
P5-279	-5	-0.000	-0.2	-2	-2	-1	-10	4	-2	12	6	-10	-2	-0.5	1	358	26	-10	10	10	-0.5	-10	-10	50	1490	-1	34	-0.01	0.09	3.08	0.41	0.03	1.47	0.01
P5-280	-5	-0.000	-0.2	2	2	-1	-10	5	-2	14	6	-10	-2	-0.5	1	317	31	-10	8	50	-0.5	-10	-10	100	1570	-1	38	-0.01	0.14	1.98	0.40	0.03	0.73	-0.01
P5-281	-5	-0.000	-0.2	4	2	-1	-10	3	2	12	1	-10	-2	-0.5	-1	165	7	-10	7	40	-0.5	-10	-10	150	2070	-1	47	-0.01	0.07	6.76	0.19	0.01	3.44	0.01
P5-282	-5	-0.000	-0.2	-2	-2	-1	-10	8	-2	16	4	-10	-2	-0.5	-1	166	11	-10	7	10	-0.5	-10	-10	110	740	-1	34	-0.01	0.03	6.84	0.22	0.01	4.03	-0.01
P5-283	-5	-0.000	-0.2	-2	2	-1	-10	4	-2	12	3	-10	2	0.5	1	192	11	-10	8	190	-0.5	-10	-10	210	1090	-1	45	-0.01	0.11	6.39	0.23	0.04	3.45	-0.01
P5-418	-5	-0.000	-0.2	2	-2	-1	-10	7	4	18	1	-10	-2	-0.5	-1	362	10	-10	9	150	-0.5	-10	-10	100	1340	-1	21	-0.01	0.10	1.70	0.39	0.04	0.22	-0.01
P5-422	-5	-0.000	-0.2	6	-2	-1	-10	7	4	78	2	-10	-2	0.5	1	315	22	-10	19	110	-0.5	-10	10	70	6050	1	45	-0.01	0.49	1.88	0.66	0.20	0.07	0.01
P5-423	-5	-0.000	-0.2	2	-2	-1	-10	3	-2	6	3	-10	-2	0.5	-1	223	4	-10	3	30	-0.5	-10	-10	55	1210	-1	36	-0.01	0.06	6.83	0.21	0.02	2.33	-0.01
P5-424	-5	-0.000	-0.2	8	-2	-1	-10	7	2	46	1	-10	-2	1.0	1	351	11	-10	17	80	-0.5	-10	10	110	9880	-1	71	-0.01	0.33	2.66	0.54	0.16	0.07	0.02
P5-435	-5	-0.000	-0.2	28	-2	-1	-10	11	4	32	5	-10	-2	-0.5	1	329	10	-10	32	90	-0.5	-10	-10	290	1450	-1	21	-0.01	0.19	1.72	0.78	0.07	0.57	0.01
P5-436	-5	-0.000	-0.2	14	-2	-1	-10	8	-2	20	3	-10	-2	-0.5	-1	290	8	-10	15	40	-0.5	-10	-10	65	6360	-1	62	-0.01	0.12	2.54	0.37	0.04	0.03	0.02
P5-437	-5	-0.000	-0.2	6	-2	-1	-10	9	2	22	1	-10	-2	-0.5	1	329	10	-10	12	70	-0.5	-10	-10	115	1270	-1	15	-0.01	0.17	1.09	0.47	0.06	0.18	0.01
P5-438	-5	-0.000	-0.2	6	-2	-1	-10	7	2	20	4	-10	-2	-0.5	-1	385	10	-10	11	90	-0.5	-10	-10	135	1940	-1	28	-0.01	0.15	0.61	0.47	0.03	0.08	-0.01
P5-459	-5	-0.000	-0.2	-2	-2	-1	-10	11	2	22	3	-10	2	-0.5	-1	248	6	-10	3	40	-0.5	-10	-10	95	440	-1	32	-0.01	0.06	5.53	0.25	0.01	3.27	0.01
P5-460	-5	-0.000	-0.2	-2	-2	-1	-10	6	2	52	2	-10	4	1.0	-1	151	4	-10	4	1070	-0.5	-10	-10	140	2460	-1	81	-0.01	0.14	9.03	0.19	0.06	5.09	0.01
P5-461	-5	-0.000	-0.2	4	-2	-1	-10	4	2	30	1	-10	2	0.5	-1	61	4	-10	8	90	-0.5	-10	-10	100	660	-1	67	-0.01	0.13	10.30	0.18	0.05	6.55	0.02
P5-462	10	0.000	0.4	78	2	-1	-10	26	86	50	8	-10	-2	-0.5	-1	487	12	-10	20	40	-0.5	-10	-10	115	4020	-1	99	-0.01	0.13	1.38	1.61	0.03	0.30	0.01
P5-463	-5	-0.000	-0.2	-2	-2	-1	-10	9	4	24	2	-10	-2	-0.5	-1	246	7	-10	6	30	-0.5	-10	-10	150	1130	-1	44	-0.01	0.07	5.87	0.28	0.02	2.29	0.01
#	98																																	
Max	85	0.002	17.0	710	16	1	-10	911	1090	2200	104	90	98	24.0	5	491	42	-10	162	2560	2.5	20	30	940	10000	8	813	0.10	1.20	15.00	15.00	0.78	6.55	0.03
Min	-5	-0.000	-0.2	-2	-2	-1	-10	2	-2	2	-1	-10	-2	-0.5	-1	61	2	-10	1	-10	-0.5	-10	-10	10	60	-1	9	-0.01	0.01	0.09	0.15	-0.01	0.01	-0.01
Avg	-2	-0.000	0.2	22	1	-1	-10	17	31	59	5	-7	1	0.4	0	240	12	-10	18	171	-0.5	-9	-6	118	2077	-0	85	-0.01	0.20	3.76	0.83	0.08	0.84	0.00
Std	10	0.000	1.8	76	3	0	0	91	156	227	12	12	10	3.1	1	96	9	0	29	346	0.3	4	9	119	2075	1	111	0.01	0.19	3.57	1.66	0.11	1.22	0.01

Samples analyzed by Chemex Labs Ltd.
Au analysis = 30 g FA-AAS
All other elements = ICP-AES

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NINEMILE MOUNTAIN AREA - LEACH MOUNTAINS RECON PROJECT-ROCK SAMPLE DESCRIPTIONS

Sample Number	Area	Date	Sec	Twnsp	Range	Description
P4-426		27-Oct-94	35	T42N	R66E	Float, chert, black dk grey, mod qtz veining, local limonite on fractures
P4-427		27-Oct-94	35	T42N	R66E	Outcrop, chert to chert breccia, grey black red, local calcite cement, wk to mod hematite stain w/ local limonite espec along fractures
P4-428		27-Oct-94	35	T42N	R66E	Outcrop, chert, grey black pink, some layers brecciated/fractured, mod limonite on surface & fractures, hematite on bx layers
P4-429		27-Oct-94	35	T42N	R66E	Outcrop, chert grey orange-brown black, mod lim/hem on surface & fractures, minor white qtz veining
P4-430		27-Oct-94	35	T42N	R66E	Outcrop, chert/dolomite breccia, dk grey orange red grey, mod-str limonite in chert breccia, minor qtz veins
P4-431		27-Oct-94	35	T42N	R66E	Float, limestone, dk grey to grey, mod hematite on slickened face
P4-432		27-Oct-94	35	T42N	R66E	Float, jasperoid/chert, lt grey to grey, bedded, minor limonite
P4-433		27-Oct-94	2	T41N	R66E	Outcrop, jasperoid, grey green-grey, mod limonite on surface & fractures w/ local hematite, locally vuggy
P4-434		27-Oct-94	11	T41N	R66E	Outcrop, limestone, grey, locally dolomitic, str limonite on surface & fractures, strongly fractured, minor silicification
P4-435		27-Oct-94	1	T41N	R66E	Outcrop, jasperoid/chert, grey, mod-str limonite on surface, local hematite, local limestone pods
P4-436		15-Nov-94	3	T41N	R66E	Outcrop, conglomerate, tan grey red orange, pebbles up to 1", mod lim/hem staining in matrix, calcareous matrix
P4-437		15-Nov-94	3	T41N	R66E	Outcrop, rhyolite dike, white tan brown grey, mod-str limonite espec on fractures, porphyritic w/ qtz phenos
P4-438		15-Nov-94	3	T41N	R66E	Outcrop, rhyolite dike, white tan, mod-str lim on fractures locally diss, minor hematite, qtz phenos
P4-439		15-Nov-94	11	T41N	R66E	Float, limestone, black, mod limonite veinlets & on fractures
P4-440		15-Nov-94	10	T41N	R66E	Outcrop, jasperoid to jasperoid breccia, black to dk grey, mod drusy qtz, minor limonite
P4-441		15-Nov-94	3	T41N	R66E	Outcrop, jasperoid, white tan, local brecciation, locally not completely silicified
P4-442		15-Nov-94	10	T41N	R66E	Outcrop, jasperoid breccia, grey tan brown, limonitic matrix, minor white quartz veining
P4-443		15-Nov-94	10	T41N	R66E	Outcrop, jasperoid breccia, grey, mod -str limonite on fractures
P4-444		15-Nov-94	11	T41N	R66E	Outcrop, jasperoid breccia, grey, limonitic matrix, minor white quartz veining
P4-445		16-Nov-94	15	T41N	R66E	Subcrop, chert, brown-grey to grey, minor white quartz veining
P4-446		16-Nov-94	14	T41N	R66E	Subcrop, jasperoid, grey tan, local brecciation, mod limonite on surface & fractures
P4-447		16-Nov-94	14	T41N	R66E	Outcrop, dolomite breccia, black dk grey, local silicification, vuggy
P4-448		16-Nov-94	14	T41N	R66E	Outcrop, chert to chert breccia, grey orange-tan, brecciated w/in bedding planes, limonitic matrix to breccia, minor limonite on surface & fractures
P4-449		16-Nov-94	14	T41N	R66E	Outcrop, dolomite breccia, black grey tan white, locally silicified, mod-str hematite on surface & fractures
L4-355		07-Aug-94	23	T41N	R66E	Outcrop, chert, pink-tan, brecciated
L4-356		07-Aug-94	23	T41N	R66E	Outcrop, chert, orange-grey, brecciated
L4-357		07-Aug-94	2	T41N	R66E	Outcrop, chert, orange-grey, brecciated
L4-358		07-Aug-94	2	T41N	R66E	Roadcut, jasperoid breccia, red grey
L4-359		07-Aug-94	35	T42N	R66E	Outcrop, limestone, buff-red, calcite veinlets, weak marble
L4-360		07-Aug-94	35	T42N	R66E	Subcrop, jasperoid, black, moderate limonite on fractures
L4-361		07-Aug-94	35	T42N	R66E	Subcrop, Fe-gossan, ochre
L4-419		27-Oct-94	13	T41N	R66E	Float, jasperoid breccia, orange grey
L4-420		27-Oct-94	2	T41N	R66E	Subcrop, limestone, black, trace limonite, calcite veinlets
L4-421		27-Oct-94	2	T41N	R66E	Outcrop, jasperoid breccia, black, weak limonite
L4-422		27-Oct-94	35	T42N	R66E	Outcrop, marble skarn, white-cream
L4-423		27-Oct-94	35	T42N	R66E	Outcrop, bull quartz vein, white, 2".wide
L4-424		27-Oct-94	35	T42N	R66E	Outcrop, siltstone, black, weak limonite after disseminated pyrite
L4-425		27-Oct-94	35	T42N	R66E	Outcrop, intrusive dike, quartz phenos, yellow grey, sheared, minor limonite

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NINEMILE MOUNTAIN AREA - LEACH MOUNTAINS RECON PROJECT-ROCK SAMPLE DESCRIPTIONS

Sample Number	Area	Date	Sec	Twnsp	Range	Description
L4-426		27-Oct-94	2	T41N	R66E	Subcrop, jasperoid breccia, black, weak limonite
L4-427		27-Oct-94	1	T41N	R66E	Outcrop, chert breccia, black, minor opal
L4-428		27-Oct-94	1	T41N	R66E	Outcrop, jasperoid breccia, tan, cemented by opal
L4-429		27-Oct-94	36	T42N	R66E	Float, jasperoid breccia, tan-orange grey
L4-459		15-Nov-94	27	T42N	R66E	Outcrop, chert, pink, sheared with white calcite matrix
L4-460		15-Nov-94	27	T42N	R66E	Outcrop, chert breccia, pink-orange
L4-461		15-Nov-94	34	T42N	R66E	Outcrop, chert breccia, pink-grey
L4-462		15-Nov-94	34	T42N	R66E	Outcrop, siltstone, greenish grey, fractured
L4-463		15-Nov-94	34	T42N	R66E	Outcrop, chert breccia, grey
L4-464		15-Nov-94	3	T41N	R66E	Outcrop, chert breccia, tan-pink
L4-465		15-Nov-94	3	T41N	R66E	Outcrop, rhyolite dike, white, weak limonite
L4-466		15-Nov-94	3	T41N	R66E	Subcrop, jasperoid breccia, black, calcite veinlets
L4-467		15-Nov-94	3	T41N	R66E	Outcrop, jasperoid breccia, orange-grey
L4-468		15-Nov-94	3	T41N	R66E	Subcrop, limestone, pink-grey, sheared
L4-469		15-Nov-94	10	T41N	R66E	Outcrop, chert breccia, pink-tan
L4-470		15-Nov-94	10	T41N	R66E	Outcrop, chert breccia, orange
L4-471		15-Nov-94	11	T41N	R66E	Outcrop, chert breccia, grey
L4-472		15-Nov-94	10	T41N	R66E	Outcrop, chert breccia, grey
L4-473		16-Nov-94	14	T41N	R66E	Outcrop, chert breccia, pink-tan
L4-474		16-Nov-94	14	T41N	R66E	Subcrop, chert breccia, orange-tan
L5-263	NM	26-Jun-95	3	T41N	R66E	Outcrop, jasperoid breccia, tan-grey-white, boxwork-sucrose textures
L5-264	NM	26-Jun-95	3	T41N	R66E	Outcrop, limestone, black, sheared, weak limonite on fractures, calcite veinlets
L5-265	NM	26-Jun-95	3	T41N	R66E	Outcrop, rhyolite dike, white-yellow orange, weak limonite, sheared
L5-266	NM	26-Jun-95	3	T41N	R66E	Outcrop, rhyolite dike, white-yellow orange, weak limonite, sheared
L5-267	NM	26-Jun-95	2	T41N	R66E	Float, jasperoid breccia, black, calcite cement, weak limonite
L5-268	NM	26-Jun-95	2	T41N	R66E	Float, jasperoid breccia, black, calcite cement, weak limonite
L5-269	NM	26-Jun-95	2	T41N	R66E	Outcrop, quartzite, dark grey
L5-270	NM	26-Jun-95	2	T41N	R66E	Outcrop, jasperoid breccia, black, calcite cement, weak limonite
L5-271	NM	26-Jun-95	12	T41N	R66E	Outcrop, chert breccia, tan-grey
L5-272	NM	26-Jun-95	12	T41N	R66E	Outcrop, chert breccia, grey
L5-444	LM	11-Sep-95	7	T41N	R67E	Outcrop, chert breccia, grey
L5-445	LM	11-Sep-95	7	T41N	R67E	Outcrop, chert breccia, orange-grey
L5-446	LM	11-Sep-95	1	T41N	R66E	Outcrop, chert breccia, orange-grey
L5-447	LM	11-Sep-95	6	T41N	R67E	Outcrop, chert breccia, grey
L5-448	LM	11-Sep-95	31	T42N	R67E	Outcrop, chert breccia, orange-grey, dark grey
L5-449	LM	11-Sep-95	1	T41N	R66E	Outcrop, white quartz veins cuttting bleached limestone
L5-450	LM	11-Sep-95	36	T42N	R66E	Outcrop, bull quartz veins, white, cuts chert, 1-4" wide
P5-274	NM	26-Jun-95	27	T42N	R66E	Outcrop, chert/jasperoid breccia, pink-grey grey red, drusy quartz on surface, wk to mod lim/hem in matrix

NINEMILE MOUNTAIN AREA - LEACH MOUNTAINS RECON PROJECT-ROCK SAMPLE DESCRIPTIONS

Sample Number	Area	Date	Sec	Twnsp	Range	Description
P5-275	NM	26-Jun-95	27	T42N	R66E	Outcrop, chert/jasperoid breccia, red pink-grey pink, drusy qtz on surface, local zones of sugary qtz replacement, mod hematite
P5-276	NM	26-Jun-95	34	T42N	R66E	Outcrop, chert/jasperoid breccia, pink-grey red grey, wk to mod hematite stain in matrix
P5-277	NM	26-Jun-95	35	T42N	R66E	Outcrop, jasperoid, dk grey to black, mod limonite on slickened faces, calcite on fractures
P5-278	NM	26-Jun-95	35	T42N	R66E	Subcrop, limestone/marble, lt grey tan, recrystallized, diss lim after sulfides, wk lim on fractures, minor calcite veining
P5-279	NM	26-Jun-95	34	T42N	R66E	Outcrop, chert, dk grey, mod-str hematite on fractures, mod limonite on surface
P5-280	NM	26-Jun-95	34	T42N	R66E	Outcrop, chert/jasperoid breccia, lt grey orange-grey tan, wk to mod limonite stain
P5-281	NM	26-Jun-95	14	T41N	R66E	Outcrop, dolomite breccia, grey dk grey pink-grey, locally silicified, minor white qtz veins, wk hematite
P5-282	NM	26-Jun-95	11	T41N	R66E	Outcrop, dolomite, grey to dk grey, wk to mod limonite stain, cherty/silicified?
P5-283	NM	26-Jun-95	11	T41N	R66E	Outcrop, limonite stained fracture in dolomite, mod to str limonite grey dolomite in walls
P5-418	LM	12-Sep-95	5	T41N	R67E	Outcrop, chert breccia, grey lt grey white, wk limonite in matrix
P5-422	LM	12-Sep-95	31	T42N	R67E	Outcrop, chert, grey-brown grey tan, bedded, wk to mod limonite, rare hematite
P5-423	LM	12-Sep-95	30	T42N	R67E	Outcrop, dolomite breccia, grey to lt grey, mod white quartz, tr limonite
P5-424	LM	12-Sep-95	31	T42N	R67E	Outcrop, jasperoid, brown brown-grey tan, vuggy, abun clear to white quartz lining vugs
P5-435	LM	28-Sep-95	1	T41N	R66E	Outcrop, chert breccia, lt grey grey orange, vuggy, wk to mod limonite, white to clear silica
P5-436	LM	28-Sep-95	1	T41N	R66E	Outcrop, chert to chert breccia, lt grey to grey, mod to str limonite w/ local hematite
P5-437	LM	28-Sep-95	1	T41N	R66E	Outcrop, chert breccia, grey-brown tan, wk limonite in matrix
P5-438	LM	28-Sep-95	1	T41N	R66E	Outcrop, chert breccia, tan brown-grey, locally vuggy, wk limonite, local mod hematite
P5-459	LM	22-Oct-95	11	T41N	R66E	Outcrop, dolomite breccia, dk grey to lt grey, local silicification, tr limonite
P5-460	LM	22-Oct-95	11	T41N	R66E	Outcrop, dolomite, grey lt grey, fracture zone w/ str limonite, slickened silicified local hematite local brecciation
P5-461	LM	22-Oct-95	11	T41N	R66E	Outcrop, dolomite, grey to dk grey, fracture w/ slicks, str limonite
P5-462	LM	22-Oct-95	11	T41N	R66E	Outcrop, chert, grey tan, mod limonite stain, local drusy quartz, rare hematite
P5-463	LM	22-Oct-95	11	T41N	R66E	Outcrop, dolomite breccia to jasperoid breccia, grey dk grey, wk limonite

Number of samples 98

NINEMILE MOUNTAIN AREA-LEACH MOUNTAINS RECON PROJECT-STREAM SEDIMENT ANALYSES

Sample Numbe	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	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 %	Al %	Ca %	Fe %	K %	Mg %	Na %
L-1-01	2	-0.2	6	-2	-1	-10	22	12	90	-1	-10	-2	-0.5	7	38	18	-10	38	250	0.5	-10	30	450	1470	5	206	0.08	2.52	4.04	2.09	0.46	1.38	0.01
L-1-02	1	-0.2	6	-2	-1	-10	19	12	88	1	-10	-2	-0.5	6	46	19	-10	38	230	0.5	-10	30	395	1670	4	228	0.07	2.04	4.28	1.92	0.40	1.19	0.01
L-1-03	3	-0.2	16	-2	-1	-10	18	12	82	1	-10	-2	-0.5	6	45	17	-10	38	220	0.5	-10	30	385	1630	4	242	0.07	1.96	4.41	1.90	0.36	1.25	0.01
L-1-04	3	-0.2	2	6	-1	-10	23	12	152	1	-10	-2	0.5	6	59	35	-10	33	200	0.5	-10	20	345	1960	4	229	0.04	1.91	5.08	1.69	0.36	1.02	0.01
L-1-05	2	-0.2	14	-2	-1	-10	17	14	70	-1	-10	-2	-0.5	6	33	13	-10	35	210	0.5	-10	30	375	1490	4	212	0.06	1.98	4.90	1.77	0.36	1.20	0.01
L-1-06	5	-0.2	10	-2	-1	-10	18	12	68	-1	-10	-2	0.5	6	37	14	-10	36	220	0.5	-10	30	400	1470	4	309	0.07	1.84	4.76	1.84	0.31	1.21	0.01
L-1-07	13	-0.2	10	-2	-1	-10	20	12	76	-1	-10	-2	0.5	7	38	16	-10	37	230	0.5	-10	30	435	1520	4	272	0.07	2.02	4.16	1.98	0.37	1.30	0.01
L-1-08	3	-0.2	14	-2	-1	-10	14	12	62	-1	-10	-2	0.5	6	40	13	-10	39	200	0.5	-10	30	405	1540	4	306	0.08	1.73	5.13	1.99	0.29	1.32	-0.01
L-1-09	3	-0.2	14	4	-1	-10	15	8	70	-1	-10	-2	0.5	7	39	15	-10	37	210	0.5	-10	30	440	1570	4	282	0.07	1.71	4.59	1.96	0.28	1.33	-0.01
L-1-10	4	-0.2	10	-2	-1	-10	16	12	62	-1	-10	-2	0.5	6	32	14	-10	31	210	0.5	-10	30	355	1300	3	409	0.05	1.53	5.76	1.72	0.25	0.99	-0.01
L-1-11	5	-0.2	12	6	-1	-10	19	12	68	1	-10	-2	-0.5	5	24	15	-10	25	210	0.5	-10	10	360	1000	3	448	0.03	1.46	6.54	1.38	0.23	0.68	-0.01
L-1-12	10	-0.2	12	-2	-1	-10	22	12	76	-1	-10	-2	0.5	7	34	15	-10	31	250	0.5	-10	30	450	1470	4	234	0.04	2.13	4.24	1.92	0.36	1.25	0.01
L-1-13	1	-0.2	10	-2	-1	-10	16	10	66	-1	-10	-2	-0.5	8	47	13	-10	43	220	0.5	-10	30	475	2060	4	143	0.10	2.07	2.93	2.27	0.40	1.99	-0.01
L-1-14	14	-0.2	18	-2	-1	-10	26	12	94	-1	-10	-2	0.5	5	27	16	-10	29	210	0.5	-10	10	360	1080	3	382	0.04	1.99	4.55	1.62	0.36	0.73	0.01
L-1-15	4	0.2	14	-2	-1	-10	21	16	66	-1	-10	-2	-0.5	4	25	11	-10	22	130	0.5	-10	10	240	1010	2	809	0.04	1.37	9.03	1.14	0.21	0.59	-0.01
L-1-16	2	-0.2	6	-2	-1	-10	17	12	88	-1	-10	-2	0.5	5	24	14	-10	29	230	0.5	-10	10	330	1120	3	319	0.05	1.96	4.44	1.69	0.38	0.68	0.01
L-1-17	5	-0.2	20	-2	-1	-10	26	10	130	1	-10	-2	1.5	7	31	20	-10	35	280	0.5	-10	20	480	1120	4	117	0.06	2.20	1.20	1.89	0.45	0.74	0.01
L-1-18	-1	-0.2	18	-2	-1	-10	9	12	62	-1	-10	-2	-0.5	3	18	11	-10	20	190	0.5	-10	20	290	2020	3	241	0.03	2.46	6.58	1.20	0.29	1.30	0.01
L-1-19	2	-0.2	10	-2	-1	-10	16	16	72	-1	-10	-2	-0.5	4	19	16	-10	23	200	0.5	-10	10	320	1530	3	160	0.04	2.11	7.55	1.43	0.37	0.88	0.01
L-1-20	1	-0.2	10	-2	-1	-10	13	12	72	-1	-10	-2	-0.5	4	18	15	-10	22	190	0.5	-10	10	295	1560	3	168	0.03	2.01	7.48	1.35	0.32	0.87	0.01
L-1-21	2	-0.2	6	-2	-1	-10	17	14	84	-1	-10	-2	-0.5	5	17	17	-10	22	190	0.5	-10	10	385	1760	3	105	0.02	1.93	4.84	1.55	0.38	0.80	0.01
L-1-22	3	-0.2	4	-2	-1	-10	16	14	62	-1	-10	-2	-0.5	6	25	11	-10	26	150	0.5	-10	20	355	1460	3	129	0.05	1.80	3.79	1.54	0.33	1.45	-0.01
L-1-23	1	-0.2	-2	-2	-1	-10	16	10	66	-1	-10	-2	-0.5	6	28	11	-10	32	190	0.5	-10	20	410	1260	3	137	0.08	1.99	3.09	1.78	0.40	1.34	0.01
L-1-24	2	-0.2	6	-2	-1	-10	13	8	66	-1	-10	-2	-0.5	6	31	12	-10	34	210	0.5	-10	30	430	1520	3	192	0.09	2.04	2.02	1.79	0.40	1.25	0.01
L-1-25	1	-0.2	10	-2	-1	-10	19	12	88	-1	-10	-2	-0.5	7	23	16	-10	31	220	0.5	-10	20	515	1070	4	58	0.07	2.45	0.97	2.04	0.56	0.90	0.01
L-1-26	4	-0.2	6	6	-1	-10	14	10	60	-1	-10	-2	-0.5	4	24	10	-10	26	150	0.5	-10	20	335	1550	3	127	0.06	1.73	5.45	1.40	0.33	1.31	0.01
L-1-27	4	-0.2	2	-2	-1	-10	19	14	98	-1	-10	-2	0.5	6	24	17	-10	28	190	0.5	-10	20	450	1740	4	68	0.05	2.35	2.29	1.81	0.51	1.02	0.01
L-1-28	4	-0.2	12	-2	-1	-10	24	14	70	-1	-10	-2	-0.5	9	34	13	-10	41	260	1.0	-10	30	580	1240	5	120	0.10	2.27	1.03	2.34	0.48	1.04	-0.01
L-1-29	1	-0.2	12	-2	-1	-10	24	8	94	1	-10	2	0.5	7	46	15	-10	38	280	0.5	-10	30	520	1650	5	126	0.09	2.18	0.85	2.18	0.56	0.81	0.01
L-1-30	3	-0.2	12	-2	-1	-10	25	10	100	-1	-10	2	0.5	8	49	14	-10	47	320	1.0	-10	30	505	1850	6	148	0.11	2.48	0.90	2.44	0.67	0.96	-0.01
L-1-31	4	-0.2	14	-2	-1	-10	21	8	78	-1	-10	4	-0.5	8	58	14	-10	57	360	1.0	10	40	490	1740	7	241	0.13	2.72	1.05	2.61	0.58	1.15	-0.01
L-1-32	1	-0.2	12	-2	-1	-10	23	12	88	-1	-10	2	-0.5	8	41	13	-10	43	300	1.0	-10	40	590	1230	5	158	0.12	2.46	0.80	2.46	0.55	0.94	-0.01
L-1-33	3	-0.2	8	-2	-1	-10	20	12	80	-1	-10	2	-0.5	9	44	14	-10	46	280	1.0	-10	40	590	1290	6	139	0.12	2.51	0.90	2.59	0.62	1.00	-0.01
L-1-34	4	-0.2	2	-2	-1	-10	17	10	72	-1	-10	-2	-0.5	9	42	14	-10	46	300	1.0	-10	30	680	1280	6	244	0.12	2.55	1.16	2.46	0.56	1.11	-0.01
L-1-35	2	-0.2	10	2	-1	-10	13	12	62	-1	-10	4	-0.5	10	56	14	-10	55	280	1.0	-10	40	610	1450	6	195	0.13	2.61	1.13	2.82	0.52	1.37	-0.01
L-1-36	3	-0.2	8	-2	-1	-10	20	14	80	1	-10	-2	0.5	11	58	17	-10	56	300	1.0	10	40	715	1560	6	175	0.13	2.78	1.20	2.93	0.53	1.47	-0.01
L-1-37	10	-0.2	24	-2	-1	-10	29	16	100	4	-10	-2	0.5	6	28	14	-10	35	310	0.5	-10	30	560	1340	4	185	0.05	1.95	2.25	2.02	0.41	0.77	0.01
L-1-38	5	-0.2	18	-2	-1	-10	27	14	98	3	-10	-2	0.5	7	28	17	-10	36	320	0.5	-10	20	565	1080	5	112	0.07	2.26	0.98	2.05	0.43	0.70	0.01
L-1-39	8	-0.2	18	-2	-1	-10	33	12	126	4	-10	-2	1.5	7	26	17	-10	33	300	0.5	-10	20	600	1180	4	135	0.05	2.16	1.18	1.89	0.46	0.75	0.01
L-1-40	11	-0.2	26	-2	-1	-10	31	10	118	3	-10	-2	1.5	8	28	18	-10	36	310	0.5	-10	20	545	1220	5	113	0.06	2.19	1.18	2.05	0.47	0.73	0.01
L-1-41	14	-0.2	32	-2	-1	-10	30	10	126	2	-10	2	1.5	7	29	18	-10	34	320	0.5	-10	20	555	1220	4	130	0.05	2.14	1.40	1.95	0.42	0.74	0.01
L-1-42	8	-0.2	26	-2	-1	-10	46	16	136	2	-10	2	1.5	7	35	18	-10	38	380	0.5	-10	20	505	1490	4	243	0.05	2.32	2.02	1.90	0.35	0.86	0.01
L-1-43	12	-0.2	40	-2	-1	-10	22	14	126	1	-10	2	1.5	6	28	19	-10	32	340	0.5	-10	10	575	1370	3	106	0.05	1.80	1.33	1.72	0.39	0.53	0.01
L-1-44	3	-0.2	8	-2	-1	-10	22	12	84	1	-10	2	0.5	9	60	15	-10	54	280	1.0	-10	40	670	1660	6	149	0.11	2.45	1.03	2.82	0.50	1.05	-0.01
L-1-45	1	-0.2	12	-2	-1	-10	22	8	78	1	-10	2	-0.5	9	58	15	-10	51	290	1.0	-10	40	615	1660	5	148	0.10	2.26	1.04	2.90	0.42	1.09	-0.01
L-1-46	2	-0.2	8	-2	-1	-10	27	10	88	3	-10	2	0.5	9	46	15	-10	42	310	1.0	-10	40	640	1560	5	130	0.08	2.24	0.91	2.47	0.56	0.89	-0.01
L-1-47	1	-0.2	6	-2	-1	-10	14	10	66	-1	-10	-2	-0.5	9	50	13	-10	50	340	1.5	-10	40	575	1290	6	160	0.12	2.48	0.93	2.81	0.53	1.10	-0.01
L-1-48	3	-0.2	2	-2	-1	-10	28	12	88	2	-10	-2	0.5	8	55	17	-10	46	280	1.0	-10	40	555	1970	5	166	0.08	2.24	1.05	2.57	0.47	0.98	-0.01
L-1-49	2	-0.2	2	-2	-1	-10	27	12	110	1	-10	-2	1.5	7	50	17	-10	36	230	0.5	-10	30	550	1940	4	150	0.07	2.17	1.09	2.12	0.49	0.83	-0.01
L-1-50	9	-0.2	18	-2	-1	-10	45	14	94	3	-10	-2	0.5	7	24	13	-10	33	320	0.5	-10	20	595	1170	4	169	0.05	1.99	1.10	2.18	0.44	0.72	0.01
L-1-51	8	-0.2	26	-2	-1	-10	33	12	100	3	-10	-2	1.0	6	21	13	-10	27	260	0.5	-10	20	560	1000	4	130	0.04	2.00	1.16	1.89	0.41	0.67	0.01
L-1-52	9	-0.2	18	-2	-1	-10	30	8	104	4	-10	2	1.0	5	21	15	-10	26	260	0.5	-10	10	525	1000	4	107	0.03	1.94	1.11	1.80	0.46	0.66	0.01
L-1-53	5	-0.2	12	-2	-1	-10	31	12	126	2	-10	-2	1.0	7	59	20	-10	37	250	1.0	-10	30	545	1670	5	178	0.05	2.52	1.18	2.28	0.53	0.96	-0.01
L-1-54	4	-0.2	8	-2	-1	-10	26	16	102	3	-10	2	0.5	7	54	18	-10	36	240	0.5	-10	30	505	1640	4	189	0.05	2.09	0.97	2.05	0.45	0.86	-0.01
L-1-55	2	-0.2	10	-2	-1	-10	31	12	104	2	-10	2	1.5	7	35	13	-10	34	250	0.5	-10	30	560	1450	4	140	0.06	2.06	1.11	1.98	0.50	0.74	-0.01
L-2-01	2	-0.2	10	-2	-1	-10	8	10	38	-1	-10	-2	-0.5	2	13	7	-10	28	300	0.5	-10	10	210	840	3	734	0.04	1.98	8.45	1.01	0.41	1.74	0.04
L-2-02	3	-0.2	14	6	-1	-10	10	12	44	-1	-10	-2	-0.5	3	19	9	-10	27	210	0.5	-10	10	245	1330	3	383	0.05	1.65	8.72	1.13	0.22	1.02	0.01
L-2-03	9	-0.2	18	-2	-1	-10	11	10	44	-1	-10	-2	-0.5	3	19	10	-10	26	180	0.5	-10	10	250	1380	3	373	0.04	1.60	8.86	1.14	0.22	0.95	0.01
L-2-04	3	-0.2	14	-2	-1	-10	11	10	46	-1	-10	-2	-0.5	3	21	10	-10	31	210	0.5	-10	10	260	1580	3	363	0.05	1.56	9.28	1.24	0.20	0.92	0.01

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NINEMILE MOUNTAIN AREA-LEACH MOUNTAINS RECON PROJECT-STREAM SEDIMENT ANALYSES

Sample Numbe	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	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 %	Al %	Ca %	Fe %	K %	Mg %	Na %
L-2-05	1	-0.2	16	6	-1	-10	10	14	40	-1	-10	-2	-0.5	3	18	9	-10	24	180	0.5	-10	10	255	1420	2	371	0.03	1.37	9.45	1.06	0.18	0.87	-0.01
L-2-06	9	-0.2	14	-2	-1	-10	10	12	44	-1	-10	-2	-0.5	3	19	9	-10	25	180	0.5	-10	10	260	1520	2	354	0.04	1.43	9.04	1.11	0.18	0.89	0.01
L-2-07	2	-0.2	18	-2	-1	-10	10	12	46	-1	-10	-2	-0.5	4	19	10	-10	24	190	0.5	-10	10	260	1400	3	362	0.03	1.57	8.96	1.13	0.20	0.94	0.01
L-2-08	2	-0.2	14	-2	-1	-10	12	16	46	-1	-10	-2	-0.5	3	20	11	-10	26	190	0.5	-10	10	250	1300	2	378	0.04	1.49	8.87	1.18	0.20	0.90	0.01
L-2-09	2	-0.2	16	2	-1	-10	12	12	50	-1	-10	-2	-0.5	3	20	11	-10	23	160	0.5	-10	10	255	1250	3	391	0.03	1.56	8.63	1.17	0.21	0.87	-0.01
L-2-10	1	-0.2	16	-2	-1	-10	10	12	46	-1	-10	-2	-0.5	4	19	10	-10	30	220	0.5	-10	10	285	1590	3	333	0.04	1.70	9.23	1.24	0.20	1.00	0.01
L-2-11	5	0.2	18	-2	-1	-10	15	12	52	-1	-10	-2	-0.5	3	23	13	-10	22	140	0.5	-10	10	215	890	2	492	0.04	1.26	8.83	1.09	0.19	0.72	-0.01
L-2-12	1	-0.2	20	6	-1	-10	9	12	44	-1	-10	-2	-0.5	3	16	9	-10	28	210	0.5	-10	10	305	1690	3	274	0.03	1.94	8.66	1.20	0.22	1.19	0.01
L-2-13	1	-0.2	12	-2	-1	-10	10	12	44	-1	-10	-2	-0.5	4	18	9	-10	31	210	0.5	-10	10	320	1330	3	224	0.04	2.09	7.71	1.33	0.21	0.95	0.01
L-2-14	3	-0.2	-2	-2	-1	-10	8	12	40	-1	-10	-2	-0.5	4	19	8	-10	36	180	0.5	-10	20	280	1140	3	186	0.05	2.22	9.10	1.43	0.20	0.90	-0.01
L-2-15	4	-0.2	10	-2	-1	-10	19	8	58	-1	-10	-2	-0.5	5	33	18	-10	33	130	0.5	-10	30	350	1130	4	197	0.09	1.96	3.80	1.75	0.26	1.17	0.01
L-2-16	-1	-0.2	24	6	-1	-10	8	12	44	-1	-10	-2	-0.5	3	16	8	-10	23	240	0.5	-10	10	285	1950	3	310	0.03	1.80	9.25	1.05	0.24	1.23	0.01
L-3-01	-1	0.2	12	2	-1	-10	11	12	52	-1	-10	-2	-0.5	3	15	10	-10	21	170	0.5	-10	10	260	1380	3	241	0.03	1.55	9.78	1.12	0.29	0.93	0.01
L-3-02	-1	-0.2	10	-2	-1	-10	13	14	62	-1	-10	-2	-0.5	4	17	12	-10	25	170	0.5	-10	10	310	1430	3	226	0.05	1.71	8.66	1.31	0.33	1.10	0.01
L-3-03	2	-0.2	8	-2	-1	-10	12	14	60	-1	-10	-2	-0.5	4	16	12	-10	25	160	0.5	-10	10	310	1410	3	203	0.05	1.54	7.33	1.31	0.29	1.16	0.01
L-3-04	-1	-0.2	12	-2	-1	-10	17	10	78	-1	-10	-2	-0.5	6	18	14	-10	30	230	0.5	-10	10	420	1240	4	187	0.06	2.11	4.41	1.73	0.46	1.36	0.02
L-3-05	1	-0.2	12	-2	-1	-10	14	6	60	-1	-10	-2	0.5	5	18	13	-10	28	190	0.5	-10	10	315	1140	3	188	0.05	1.52	4.49	1.43	0.32	0.92	0.01
L-3-06	2	-0.2	6	-2	-1	-10	13	10	60	-1	-10	-2	-0.5	5	18	13	-10	26	190	0.5	-10	10	315	1060	3	167	0.04	1.48	4.03	1.42	0.32	0.92	0.01
L-3-07	-1	-0.2	8	2	-1	-10	14	6	64	-1	-10	-2	-0.5	5	19	15	-10	26	200	0.5	-10	10	335	1090	3	127	0.04	1.51	3.56	1.49	0.34	0.91	0.01
L-3-08	1	-0.2	18	2	-1	-10	12	12	74	-1	-10	-2	-0.5	4	29	16	-10	23	240	0.5	-10	10	270	2360	2	151	0.02	1.30	5.52	1.25	0.24	0.96	0.01
L-3-09	1	-0.2	4	2	-1	-10	15	12	68	-1	-10	-2	-0.5	5	21	12	-10	30	200	0.5	-10	10	365	1740	3	159	0.05	1.92	4.78	1.62	0.39	1.16	0.01
L-3-10	4	-0.2	14	-2	-1	-10	22	12	80	1	-10	-2	-0.5	4	54	20	-10	33	160	0.5	-10	20	245	2480	3	182	0.04	1.67	6.31	1.38	0.24	1.45	0.01
L-3-11	5	-0.2	18	-2	-1	-10	22	8	74	3	-10	-2	0.5	5	67	19	-10	32	160	0.5	-10	30	225	3090	3	237	0.03	1.47	6.84	1.28	0.17	1.46	-0.01
L-3-12	11	0.2	22	2	-1	-10	22	8	96	1	-10	-2	0.5	4	84	25	-10	36	180	0.5	-10	30	215	3920	3	250	0.03	1.60	7.13	1.40	0.18	1.71	-0.01
L-3-13	2	-0.2	8	-2	-1	-10	22	14	90	-1	-10	-2	-0.5	5	25	20	-10	30	200	0.5	-10	10	385	870	3	105	0.06	2.10	2.21	1.62	0.34	0.86	0.01
L-3-14	1	0.2	4	-2	-1	-10	19	10	94	-1	-10	-2	-0.5	4	34	26	-10	22	110	0.5	-10	10	230	1120	2	140	0.03	1.41	6.76	1.08	0.20	0.81	0.01
L-3-15	13	0.2	14	-2	-1	-10	20	6	92	-1	-10	-2	-0.5	4	37	22	-10	28	120	0.5	-10	10	230	1250	2	281	0.03	1.36	7.09	1.31	0.20	0.99	0.01
L-3-16	3	0.2	14	-2	-1	-10	22	16	72	-1	-10	-2	0.5	4	28	17	-10	25	110	0.5	-10	10	215	1200	2	308	0.02	1.07	8.03	1.15	0.14	0.93	-0.01
L-3-17	4	0.2	10	-2	-1	-10	17	10	70	-1	-10	2	-0.5	4	29	16	-10	27	130	0.5	-10	10	215	1260	2	264	0.02	1.11	7.50	1.26	0.16	1.05	-0.01
L-3-18	1	-0.2	20	-2	-1	-10	14	14	66	-1	-10	-2	-0.5	4	14	12	-10	24	160	0.5	-10	10	325	1820	3	343	0.04	1.51	6.80	1.33	0.30	2.00	0.01
L-4-01	2	-0.2	6	-2	-1	-10	9	12	52	-1	-10	-2	-0.5	3	11	8	-10	18	290	0.5	-10	10	340	1320	2	317	0.01	1.51	6.11	1.09	0.28	0.84	0.01
L-4-02	2	0.2	8	-2	-1	-10	15	12	86	-1	-10	-2	-0.5	5	24	16	-10	24	260	0.5	-10	10	335	1640	3	131	0.03	1.69	5.08	1.47	0.34	0.97	0.01
L-4-03	1	-0.2	14	-2	-1	-10	12	12	74	-1	-10	-2	-0.5	4	29	15	-10	22	210	0.5	-10	10	270	2800	2	157	0.02	1.41	6.74	1.21	0.25	0.92	0.01
L-4-04	1	-0.2	4	4	-1	-10	12	12	84	-1	-10	-2	0.5	5	14	20	-10	23	290	0.5	-10	10	325	960	3	181	0.03	1.50	6.15	1.27	0.29	0.82	0.01
L-4-05	2	-0.2	6	-2	-1	-10	17	12	106	1	-10	-2	-0.5	6	19	17	-10	27	310	0.5	-10	10	485	1090	4	92	0.05	1.93	2.51	1.71	0.44	0.82	0.01
L-4-06	2	-0.2	6	-2	-1	-10	17	12	104	1	-10	-2	0.5	6	20	19	-10	28	320	0.5	-10	10	430	1100	3	81	0.05	1.91	2.92	1.71	0.40	0.75	0.01
L-4-07	7	-0.2	26	-2	-1	-10	18	16	100	1	-10	-2	-0.5	6	19	19	-10	28	340	0.5	-10	20	525	950	4	61	0.04	2.09	1.57	1.86	0.43	0.70	0.01
L-4-08	2	-0.2	6	-2	-1	-10	21	16	108	1	-10	-2	1.0	6	18	17	-10	27	300	0.5	-10	10	415	1040	3	90	0.05	1.78	2.50	1.60	0.37	0.71	0.01
L-4-09	1	-0.2	6	-2	-1	-10	20	16	108	1	-10	-2	0.5	7	20	18	-10	29	360	0.5	-10	10	505	1010	4	60	0.05	2.02	1.50	1.77	0.40	0.73	0.01
L-4-10	2	-0.2	4	-2	-1	-10	17	18	94	-1	-10	-2	-0.5	5	17	15	-10	27	420	1.0	-10	10	435	930	3	84	0.05	2.10	2.50	1.69	0.39	0.73	0.01
L-4-11	-1	-0.2	10	-2	-1	-10	8	8	48	-1	-10	-2	-0.5	3	14	8	-10	22	240	0.5	-10	10	310	1460	3	455	0.04	1.92	6.59	1.18	0.33	1.09	0.05
L-4-12	-1	-0.2	12	4	-1	-10	8	8	52	-1	-10	-2	-0.5	4	13	8	-10	21	260	0.5	-10	10	310	1330	3	458	0.03	1.97	6.24	1.18	0.36	1.11	0.05
L-4-13	1	-0.2	10	-2	-1	-10	9	10	52	-1	-10	-2	-0.5	4	12	8	-10	21	280	0.5	-10	10	310	1080	3	455	0.04	1.92	6.63	1.25	0.46	1.11	0.05
L-4-14	3	-0.2	6	8	-1	-10	10	10	70	-1	-10	-2	-0.5	4	17	12	-10	19	210	0.5	-10	10	250	2410	3	182	-0.01	1.78	7.68	1.14	0.25	1.06	0.01
L-4-15	1	-0.2	6	-2	-1	-10	16	14	102	1	-10	-2	0.5	6	16	16	-10	23	330	0.5	-10	10	430	1120	3	84	0.04	1.79	2.16	1.63	0.39	0.63	0.01
L-4-16	-1	-0.2	8	-2	-1	-10	15	10	92	1	-10	-2	0.5	5	16	15	-10	24	370	0.5	-10	10	435	1120	3	138	0.04	1.72	3.38	1.57	0.39	0.63	0.01
L-4-17	-1	1.2	8	-2	-1	-10	17	18	130	1	-10	-2	1.0	6	18	18	-10	25	340	0.5	-10	10	445	1260	3	100	0.04	1.63	2.83	1.60	0.36	0.61	0.01
L-4-18	1	-0.2	6	-2	-1	-10	16	10	120	1	-10	-2	1.0	6	18	16	-10	26	330	0.5	-10	10	475	1180	3	83	0.05	1.76	2.33	1.61	0.43	0.61	0.01
L-4-19	-1	-0.2	6	-2	-1	-10	15	12	124	1	-10	-2	0.5	5	17	17	-10	24	400	1.5	-10	10	445	1110	3	81	0.04	2.08	2.02	1.55	0.43	0.73	0.01
L-4-20	-1	-0.2	8	-2	-1	-10	18	12	140	1	-10	-2	2.0	6	20	18	-10	30	370	0.5	-10	10	535	1110	4	69	0.06	2.11	1.61	1.78	0.44	0.65	0.01
L-4-21	1	-0.2	6	-2	-1	-10	17	14	88	1	-10	-2	-0.5	6	19	17	-10	28	300	0.5	-10	20	475	1110	4	78	0.05	1.96	2.38	1.77	0.41	0.76	0.01
L-4-22	-1	-0.2	6	-2	-1	-10	19	16	120	1	-10	-2	1.0	6	20	16	-10	30	310	0.5	-10	10	545	1180	4	70	0.06	2.10	1.33	1.80	0.48	0.66	0.01
L-4-23	-1	-0.2	6	-2	-1	-10	17	10	126	1	-10	-2	0.5	6	22	18	-10	33	420	0.5	-10	10	430	1020	4	73	0.06	2.13	2.72	1.83	0.41	0.72	0.01
L-4-24	-1	-0.2	6	-2	-1	-10	20	18	166	2	-10	-2	2.5	6	23	20	-10	32	570	0.5	-10	10	540	1260	4	66	0.05	1.99	1.59	1.81	0.44	0.61	0.01
L-4-25	-1	-0.2	4	2	-1	-10	19	14	158	2	-10	-2	1.5	6	20	18	-10	29	380	0.5	-10	10	445	930	3	58	0.05	1.87	1.49	1.72	0.39	0.62	0.01
L-4-26	1	-0.2	6	-2	-1	-10	16	14	128	-1	-10	-2	1.0	6	18	17	-10	29	370	0.5	-10	10	400	1100	3	92	0.05	1.71	3.22	1.56	0.33	0.59	0.01
L-4-27	-1	-0.2	16	-2	-1	-10	15	14	112	1	-10	-2	1.5	5	18	15	-10	25	380	0.5	-10	10	345	1420	3	134	0.03	1.48	4.36	1.34	0.30	0.77	0.01
L-4-28	2	-0.2	22	2	-1	-10	13	16	86	1	-10	-2	-0.5	4	22	14	-10	24	220	0.5	-10	10	320	1550	3	219	0.03	1.53	5.93	1.32	0.29	0.87	0.01
L-4-29	1	-0.2	72	2	-1	-10	8	16	72	1	-10	-2	-0.5	3	41	10	-10	21	80	0.5	-10	20	255	4960	3	449	0.01	1.32	8.11	1.12	0.22	0.96	0.01

NINEMILE MOUNTAIN AREA-LEACH MOUNTAINS RECON PROJECT-STREAM SEDIMENT ANALYSES

Sample Numbe	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	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 %	Al %	Ca %	Fe %	K %	Mg %	Na %
L-4-30	1	-0.2	60	-2	-1	-10	14	16	90	1	-10	-2	0.5	6	27	14	-10	27	150	0.5	-10	20	420	2710	3	169	0.02	1.81	3.66	1.81	0.36	0.91	0.01
L-4-31	-1	-0.2	22	-2	-1	-10	14	16	96	-1	-10	-2	-0.5	6	37	15	-10	32	150	0.5	-10	20	430	3040	4	110	0.04	1.95	2.89	1.76	0.40	0.89	0.01
L-5-01	-1	-0.2	12	-2	-1	-10	15	12	78	1	-10	-2	0.5	6	15	12	-10	26	210	1.0	-10	30	460	1040	4	58	0.06	2.33	0.93	1.80	0.42	0.69	0.01
L-5-02	-1	-0.2	6	-2	-1	-10	13	12	68	-1	-10	-2	-0.5	6	14	11	-10	25	220	1.0	-10	30	450	810	4	64	0.06	2.34	1.21	1.69	0.41	0.70	0.01
L-5-03	-1	-0.2	14	-2	-1	-10	17	14	82	-1	-10	-2	-0.5	6	19	15	-10	30	220	0.5	-10	20	450	1390	4	60	0.06	2.26	1.34	1.85	0.43	0.67	0.01
L-5-04	12	-0.2	14	-2	-1	-10	17	12	88	-1	-10	2	0.5	6	18	14	-10	30	220	1.0	-10	30	495	1310	4	63	0.05	2.52	1.25	1.89	0.45	0.71	0.01
L-5-05	-1	-0.2	14	-2	-1	-10	20	20	100	1	-10	-2	0.5	6	21	16	-10	32	220	0.5	-10	20	525	1900	4	66	0.06	2.26	1.29	1.94	0.42	0.65	0.01
L-5-06	-1	-0.2	12	2	-1	-10	17	16	98	-1	-10	-2	-0.5	7	22	18	-10	32	230	1.0	-10	30	475	1900	5	65	0.04	2.75	1.35	2.09	0.47	0.68	0.01
L-5-07	-1	-0.2	20	-2	-1	-10	18	20	96	1	-10	-2	0.5	6	23	16	-10	30	200	0.5	-10	20	475	2320	4	84	0.05	1.98	2.38	1.82	0.37	0.61	0.01
L-5-08	-1	-0.2	18	-2	-1	-10	17	14	94	1	-10	-2	0.5	7	22	17	-10	30	200	0.5	-10	20	470	2080	4	81	0.04	1.95	2.04	1.84	0.37	0.62	0.01
L-5-09	-1	-0.2	14	-2	-1	-10	17	14	98	1	-10	-2	0.5	6	22	16	-10	30	200	0.5	-10	20	460	1970	4	75	0.04	2.03	2.07	1.84	0.39	0.68	0.01
L-5-10	1	-0.2	20	-2	-1	-10	17	16	96	1	-10	-2	-0.5	6	21	16	-10	29	210	0.5	-10	20	500	2430	3	84	0.04	1.85	2.48	1.75	0.34	0.61	0.01
L-5-11	-1	-0.2	22	-2	-1	-10	16	16	88	1	-10	-2	0.5	7	24	17	-10	28	230	0.5	-10	20	440	1940	3	75	0.03	1.86	2.21	1.76	0.30	0.70	0.01
L-5-12	-1	-0.2	24	-2	-1	-10	16	14	88	1	-10	-2	0.5	6	20	17	-10	29	240	0.5	-10	20	440	2150	3	93	0.04	1.81	2.78	1.75	0.33	0.57	0.01
L-5-13	-1	-0.2	14	-2	-1	-10	18	14	94	1	-10	-2	0.5	6	20	18	-10	28	270	0.5	-10	20	425	1570	3	93	0.04	1.86	2.70	1.67	0.34	0.57	0.01
L-5-14	3	-0.2	42	-2	-1	-10	15	26	84	-1	-10	-2	-0.5	6	17	14	-10	29	220	0.5	-10	20	520	1830	3	119	0.03	1.93	4.64	1.98	0.34	0.60	0.01
L-5-15	1	-0.2	26	-2	-1	-10	19	16	118	-1	-10	-2	1.0	7	21	19	-10	31	240	0.5	-10	20	570	1520	4	63	0.04	1.87	1.28	1.91	0.37	0.52	0.01
L-5-16	1	-0.2	16	-2	-1	-10	16	14	112	1	-10	-2	0.5	6	22	18	-10	32	200	0.5	-10	20	445	1550	4	93	0.04	1.99	2.71	1.78	0.39	0.58	0.01
L-5-17	3	-0.2	18	-2	-1	-10	21	16	122	1	-10	-2	1.0	6	25	18	-10	32	220	0.5	-10	20	495	1580	4	89	0.05	2.01	2.38	1.83	0.41	0.62	0.01
L-5-18	-1	-0.2	20	-2	-1	-10	19	16	114	1	-10	-2	0.5	7	24	19	-10	32	230	0.5	-10	20	495	1790	4	78	0.05	2.09	1.94	1.90	0.43	0.64	0.01
L-5-19	-1	-0.2	20	-2	-1	-10	16	10	104	1	-10	-2	0.5	7	24	18	-10	31	210	0.5	-10	20	475	1690	4	63	0.05	2.19	1.52	1.91	0.44	0.63	0.01
#	139																																
Max	14	1.2	72	8	-1	-10	46	26	166	4	-10	4	2.5	11	84	35	-10	57	570	1.5	10	40	715	4960	7	809	0.13	2.78	9.78	2.93	0.67	2.00	0.05
Min	-1	-0.2	-2	-2	-1	-10	8	6	38	-1	-10	-2	-0.5	2	11	7	-10	18	80	0.5	-10	10	210	810	2	58	-0.01	1.07	0.80	1.01	0.14	0.52	-0.01
Avg	3	-0.2	13	-1	-1	-10	18	13	85	0	-10	-1	0.1	6	28	15	-10	31	243	0.6	-10	19	415	1517	4	192	0.05	1.93	4.02	1.71	0.37	0.93	0.01
Std	4	0.2	10	2	0	0	7	3	26	1	0	1	0.7	2	13	4	0	8	74	0.2	2	10	119	559	1	128	0.03	0.35	2.76	0.43	0.11	0.29	0.01

Sample sieved to -1/4" in field; -150 mesh fraction analyzed
Samples analyzed by Chemex Labs Ltd., Certificate A9635757
Au analysis = 30 g NAA, 1 ppb detection limit
All other elements = ICP-AES

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APPENDIX B

Smee & Associates Consulting Ltd. Report on Ninemile Mtn

SMEE & ASSOCIATES CONSULTING LTD.
consulting geochemistry / geology

November 12, 1996

Lexam Explorations (USA) Inc.
P.O. Box 150158
Lakewood, Colorado 80315
U.S.A.

Attention: Mr. Fred Limbach

Dear Fred:

RE: NINEMILE (LEACH) MOUNTAIN GEOCHEMISTRY

I have examined the Ninemile Mountain regional geochemical data and have done a few little tricks to try and enhance valid anomaly patterns, should they exist.

The first step in looking at the detailed -150 m follow up stream sediment geochemistry is to combine all the data and calculate correlation coefficients to determine what elements, if any, can be used as pathfinders to gold, and what elements are, in turn, correlated with the pathfinders. The correlation matrix for the 139 sediments is attached to this letter.

Gold is positively correlated with arsenic, chromium, and copper. In turn, arsenic is correlated with phosphorous and lead. The other common pathfinder, antimony, is correlated with calcium. These links seem to suggest that several different rock types may be hosting gold and its pathfinders. I would guess that the gold-arsenic-chromium-copper signature is related to the intrusive, while the arsenic-phosphorous-lead and antimony-calcium is related to sediments.

The next step was to divide the data into streams, so that a profile plot of the elements would occur with the upstream plot of the elements on the right hand side of the plot. In this way, a source of an anomaly can be followed upstream until it disappears -- which should be close to its source. I have started at the north end of the map, and worked south. The potential anomalous areas are outlined in pink on the plan map.

Stream 1 on the profile plots includes samples L1-1 to L1-17. An anomaly occurs at L1-14 and again at L1-17, but the strongest gold is at L1-14 and shows a gradual decay downstream. The source should be near L1-14.

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Stream 2 is the east branch from the same main creek up to sample L1-43. Arsenic, gold and copper increase gradually upstream, indicating the source may occur nearer L1-41 to 42. Stream 3, again a branch to the east, does not have a clear pattern, but a suggestion of a source closer to L1-45 to 46 is shown by the arsenic and copper. The western branch of the same tributary clearly shows a source for copper, arsenic and slightly elevated gold near samples L1-50 and 51. Combined, the target areas seem to be outlining the contact of the intrusive.

The eastern-most tributary does not have a clear anomaly, although elevated copper seems to be originating from the intrusive. Sample L1-25 on stream 7 is slightly elevated in copper and arsenic, but is not considered a priority target.

A pattern of increasing arsenic and gold is shown in the short stream 9, which should be sampled to its headwaters. A sharp arsenic and gold anomaly occurs at sample L4-7. A source should occur between that location and sample L4-8.

The small group of streams which include sample L4-27, L4-30 and L4-29 show a clearly anomalous zone in arsenic. This area should be followed up as a priority. Coincidentally, the highest gold in rock was found in this immediate area.

The stream to the south contains anomalous arsenic in the two adjacent upstream samples. The area upstream should be prospected.

I would place the effort before snowfall into the L4-29-27 area. Perhaps a small grid with soil samples should cover the drainages from the north, and include the area of the rock sample to the south (L4-470).

I hope this helps Fred.

Yours sincrely,

Barry.

Barry W. Smee, Ph.D., P.Geo.

Encl.

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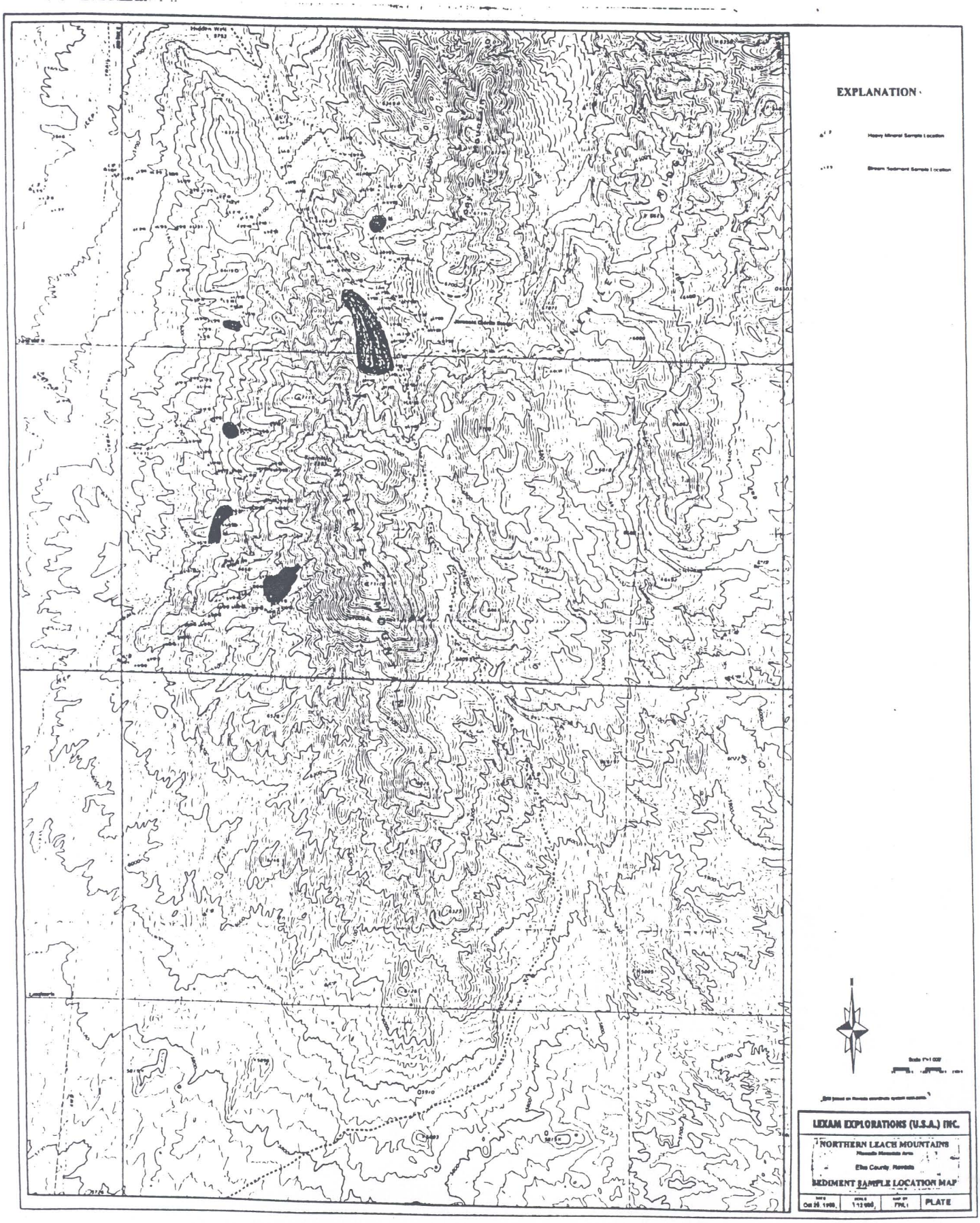

EXPLANATION
Heavy Mineral Sample Location
Stream Sediment Sample Location
LEXAM EXPLORATIONS (U.S.A.) INC.
NORTHERN LEACH MOUNTAINS
Elko County, Nevada
SEDIMENT SAMPLE LOCATION MAP
Oct 26, 1988
1:12 000
FINAL
PLATE

CORRELATIONS (PEARSON)

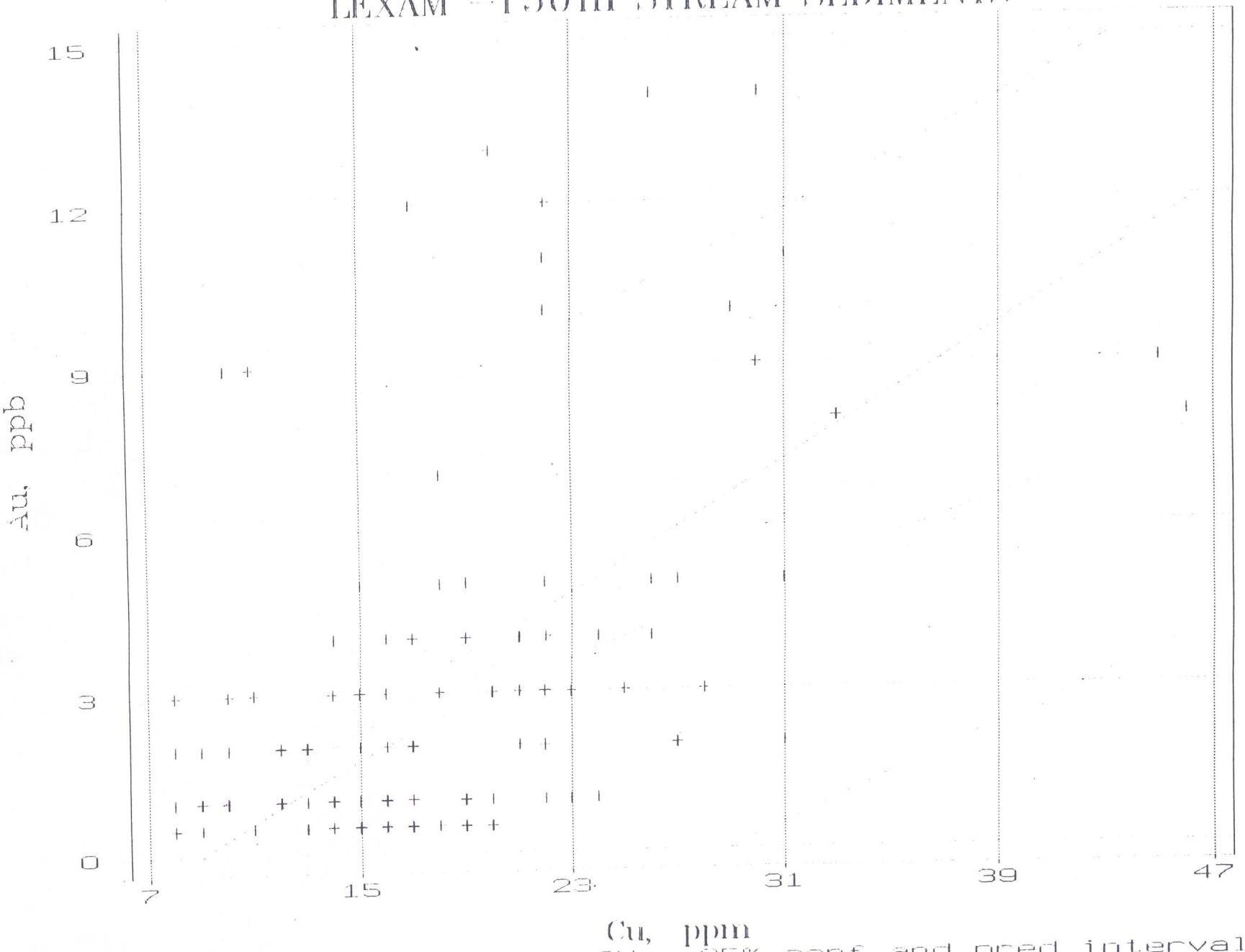
	AG	AL	AS	AU	BA	CA	CO
AL	-0.1798						
[illegible]	-0.0486	-0.1699					
AU	-0.0238	0.0128	0.2386				
BA	0.0227	0.4018	-0.1965	-0.0161			
CA	0.0541	-0.6781	0.0782	-0.0379	-0.5467		
CO	-0.0539	0.7003	-0.1070	0.0630	0.4257	-0.8388	
CR	-0.0340	0.2896	0.0013	0.2337	-0.0334	-0.2543	0.5136
CU	-0.0093	0.3448	0.0607	0.4944	0.3039	-0.5885	0.5460
FE	-0.0967	0.7721	-0.0924	0.0842	0.4039	-0.8093	0.9504
K	-0.1011	0.8175	-0.1846	-0.0368	0.5390	-0.8314	0.7741
MG	-0.0832	0.0141	-0.1293	0.0281	-0.3007	0.3215	-0.0572
MN	-0.0792	0.7352	-0.0112	0.0909	0.5662	-0.8971	0.8890
NI	0.1043	0.1041	-0.0566	0.1578	0.1802	-0.4129	0.3604
P	-0.0377	-0.1153	0.5045	-0.0734	-0.3599	0.1496	-0.0680
PB	0.1261	0.0221	0.2836	-0.1637	0.0993	-0.1111	0.0486
SB	-0.0382	-0.2207	0.0043	-0.0793	-0.1587	0.3653	-0.2895
SR	0.0098	-0.4086	0.1169	0.1477	-0.3545	0.7045	-0.5140
V	-0.1112	0.6493	-0.1142	0.1441	0.2821	-0.5320	0.8025
ZN	0.1181	0.2763	0.0409	0.1064	0.5698	-0.6651	0.4541

	CR	CU	FE	K	MG	MN	NI
CU	0.4136						
FE	0.5724	0.5338					
K	0.2557	0.4465	0.8046				
MG	0.4107	-0.2064	0.0027	-0.1170			
MN	0.2853	0.5791	0.8889	0.8355	-0.2582		
NI	0.3999	0.4813	0.2740	0.1837	-0.2248	0.2599	
[illegible]	0.4254	-0.1099	-0.0434	-0.1841	0.2616	-0.1575	0.0851
PB	-0.2434	0.0664	0.0240	0.0011	-0.3913	0.1851	0.0992
SB	-0.0640	-0.2787	-0.3017	-0.3019	0.1497	-0.3077	-0.1109
SR	-0.0029	-0.2860	-0.4545	-0.4783	0.3672	-0.5735	-0.4681
V	0.7478	0.4216	0.8786	0.5834	0.2619	0.6537	0.1909
ZN	0.1356	0.5925	0.3694	0.4640	-0.4969	0.5434	0.7406

	P	PB	SB	SR	V
PB	0.1082				
SB	0.1404	-0.1290			
SR	0.0132	-0.2092	0.2252		
V	0.0426	-0.1442	-0.2061	-0.1890	
ZN	-0.0425	0.2799	-0.2150	-0.5955	0.1537

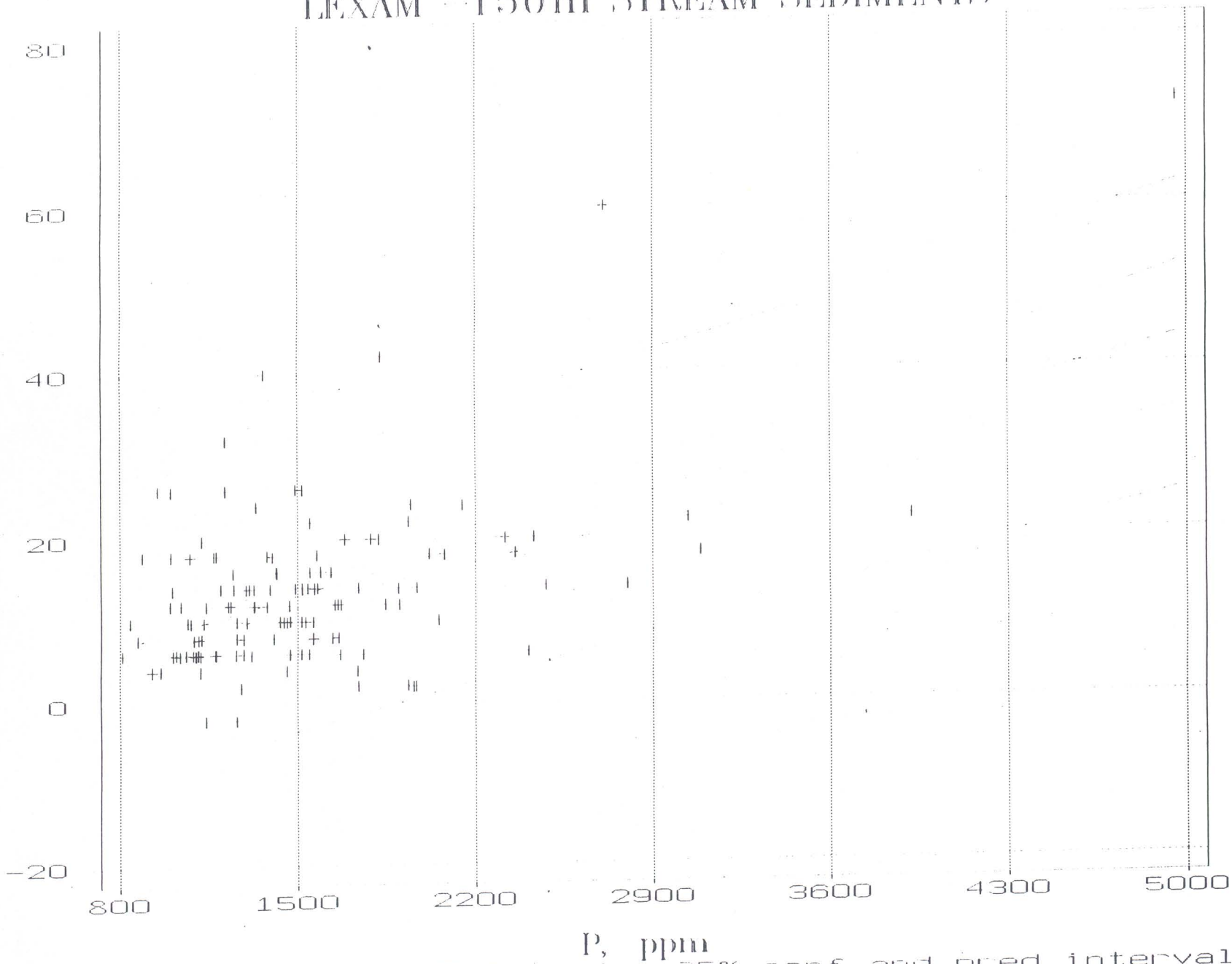
CASES INCLUDED 139 MISSING CASES 0

LEXAM -150m STREAM SEDIMENTS



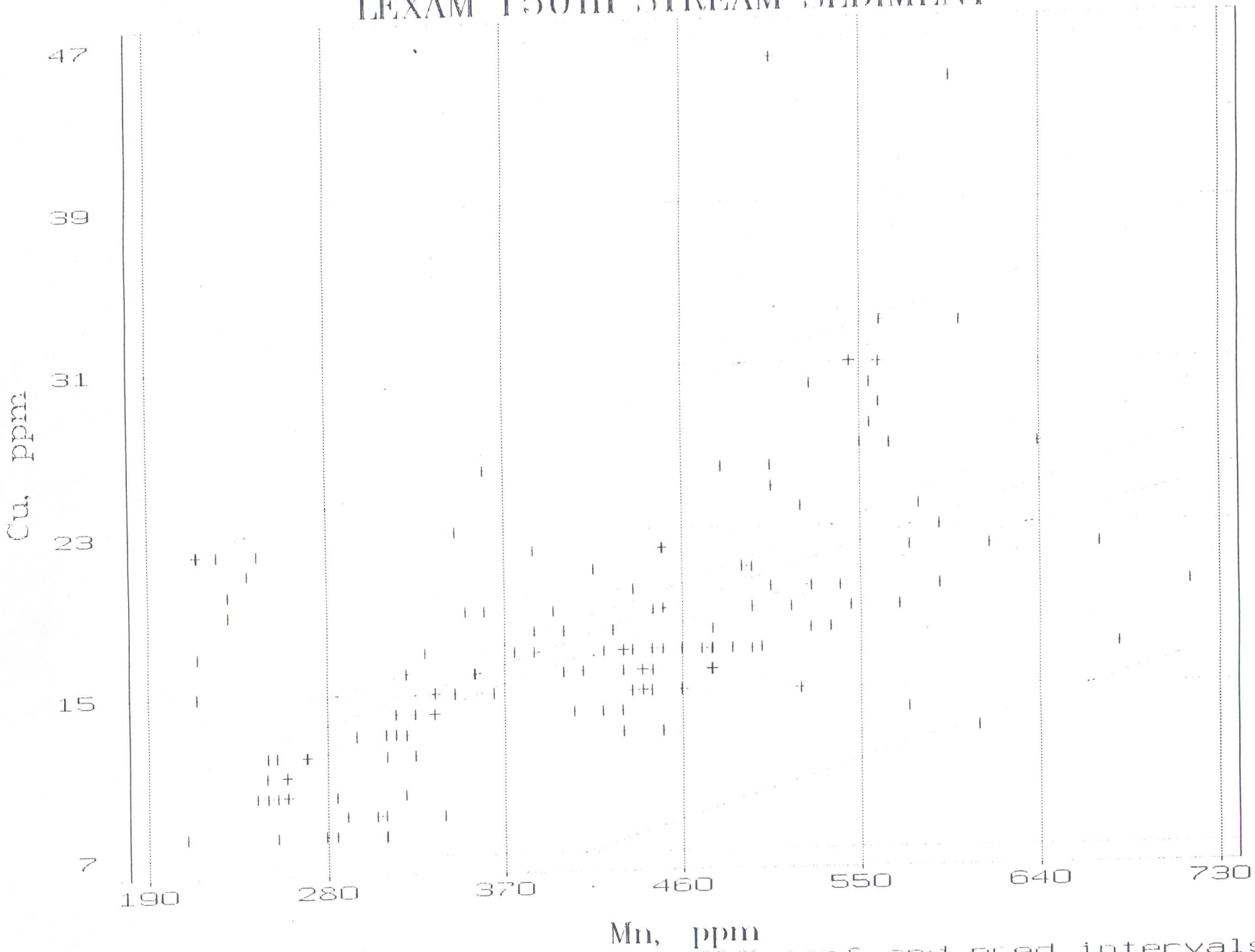
AU = -1.3725 + 0.2427 * CU 95% conf and pred intervals

LEXAM - 150m STREAM SEDIMENTS

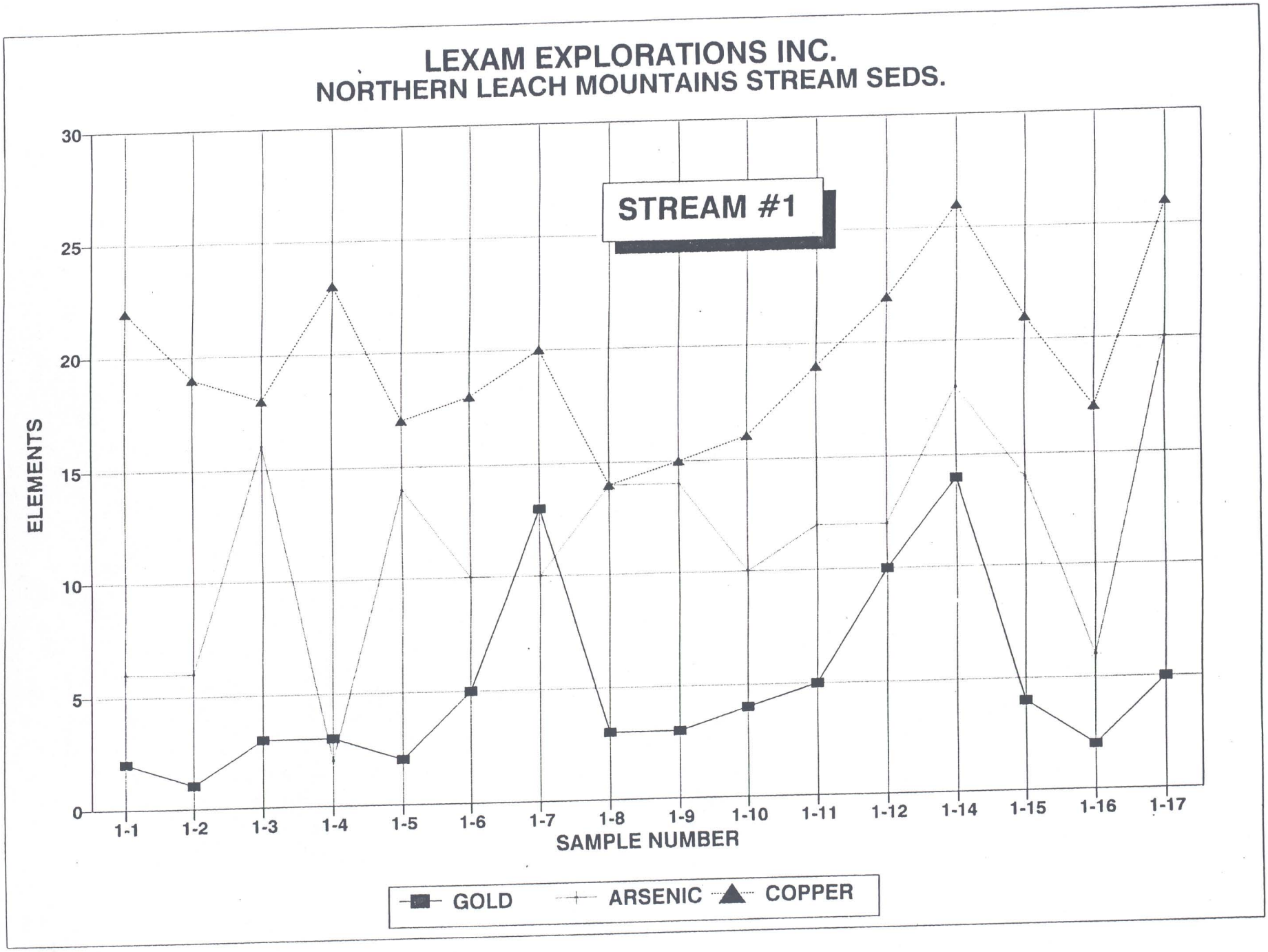


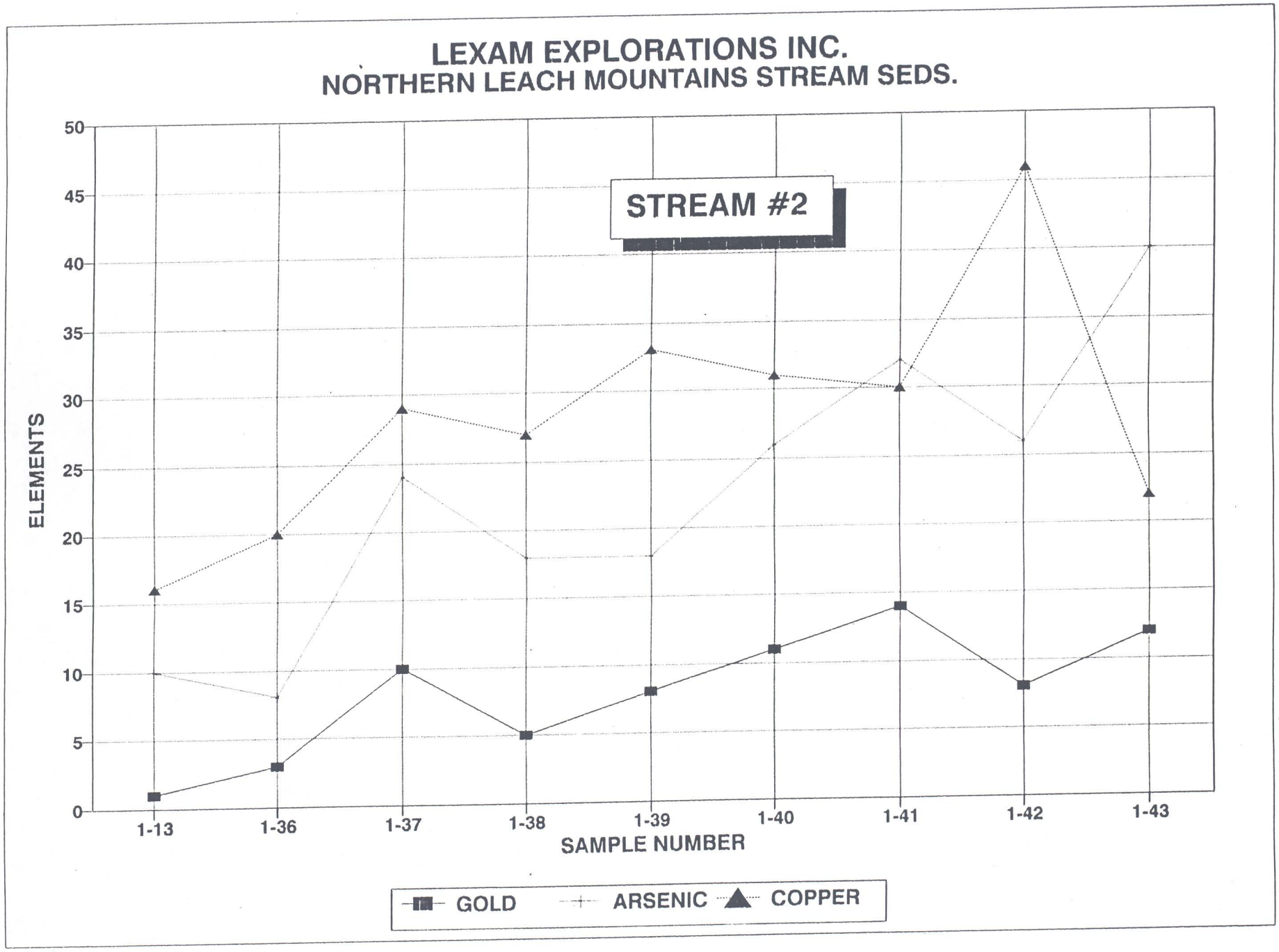
AS = 0.0916 + 8.72E-03 * P 95% conf and pred intervals

LEXAM 150m STREAM SEDIMENT

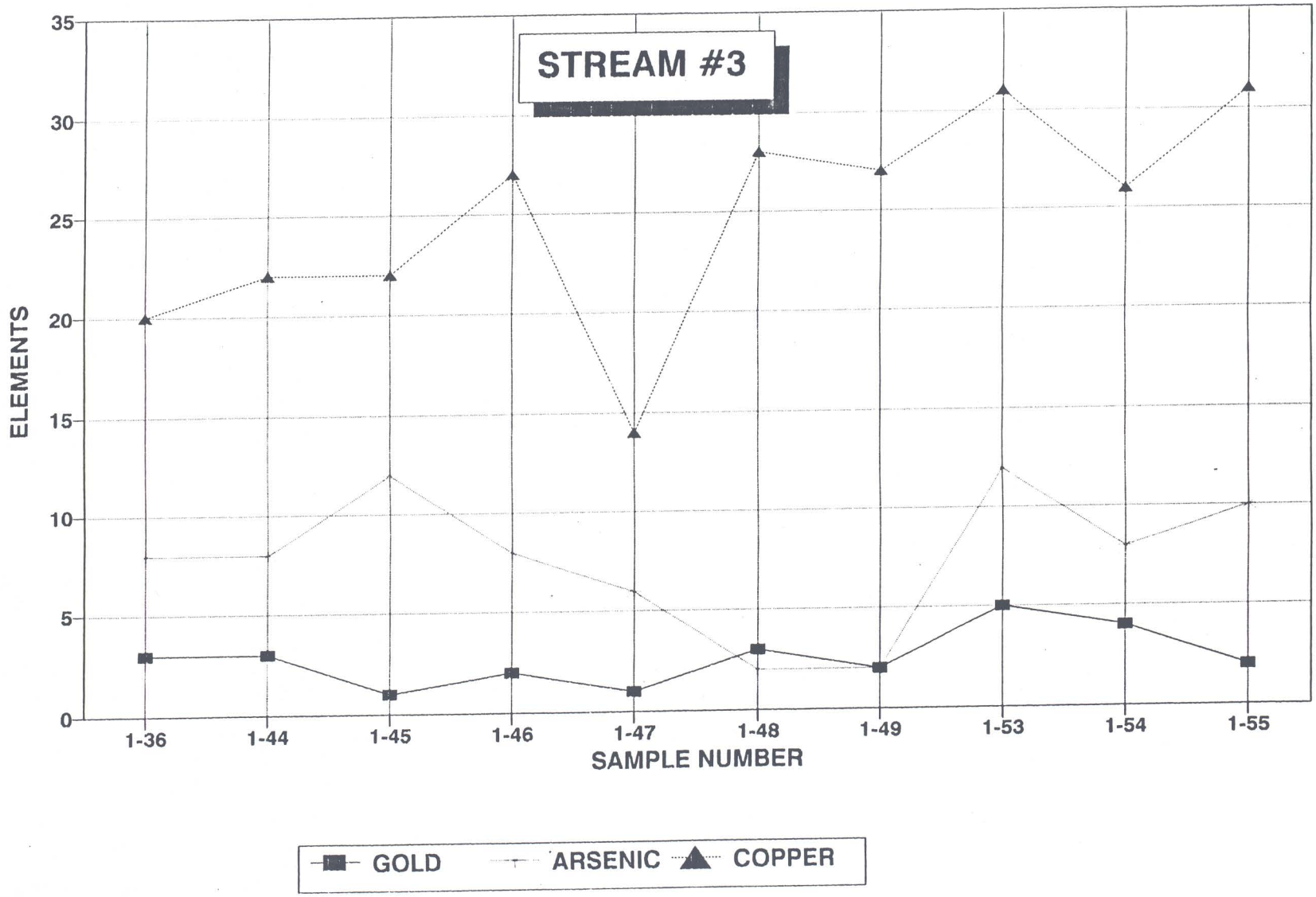


CU = 4.5692 + 0.0320 * MN 95% conf and pred intervals

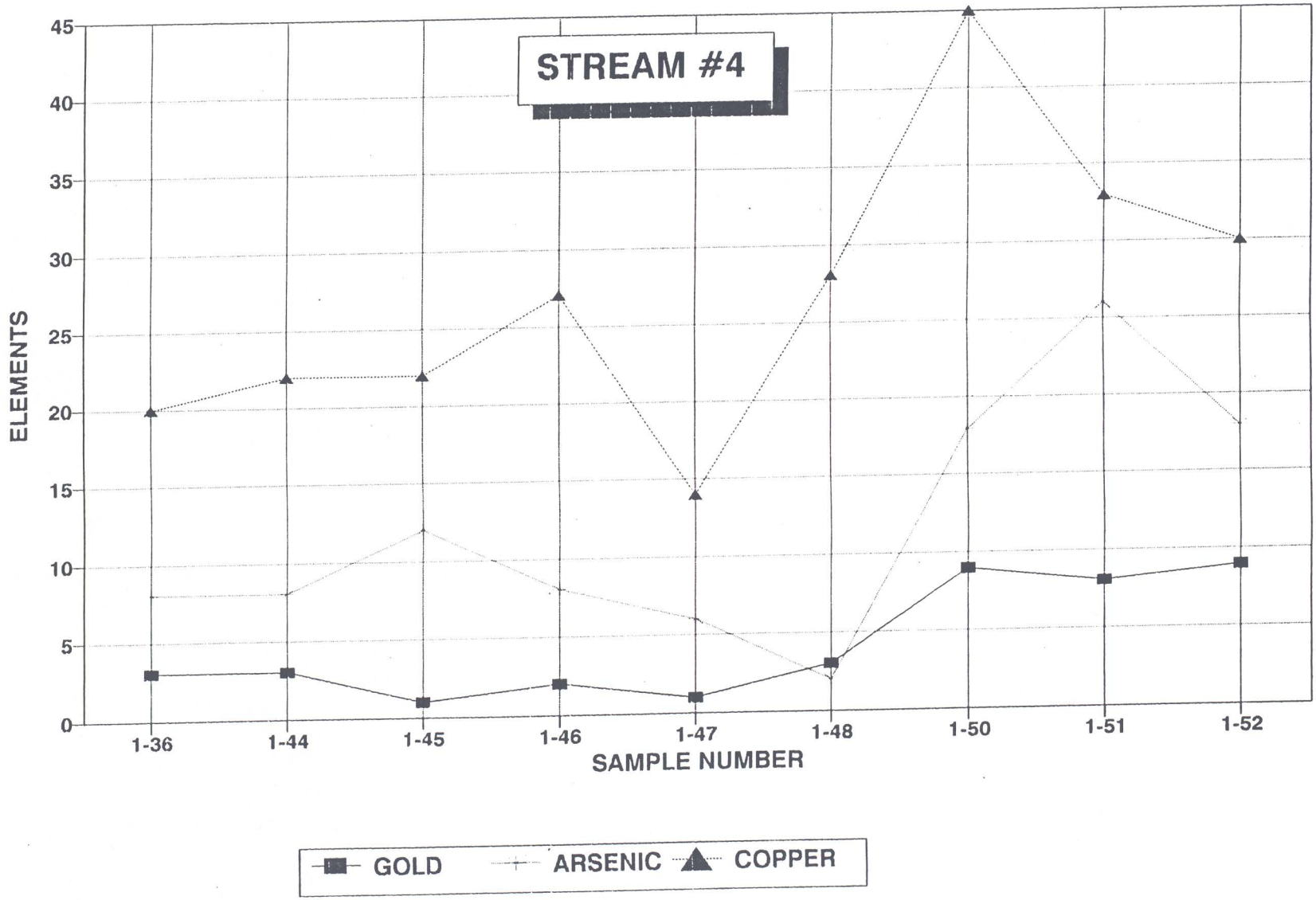

LEXAM EXPLORATIONS INC.
NORTHERN LEACH MOUNTAINS STREAM SEDS.
STREAM #1
ELEMENTS
30
25
20
15
10
5
0
1-1
1-2
1-3
1-4
1-5
1-6
1-7
1-8
1-9
1-10
1-11
1-12
1-14
1-15
1-16
1-17
SAMPLE NUMBER
GOLD
ARSENIC
COPPER

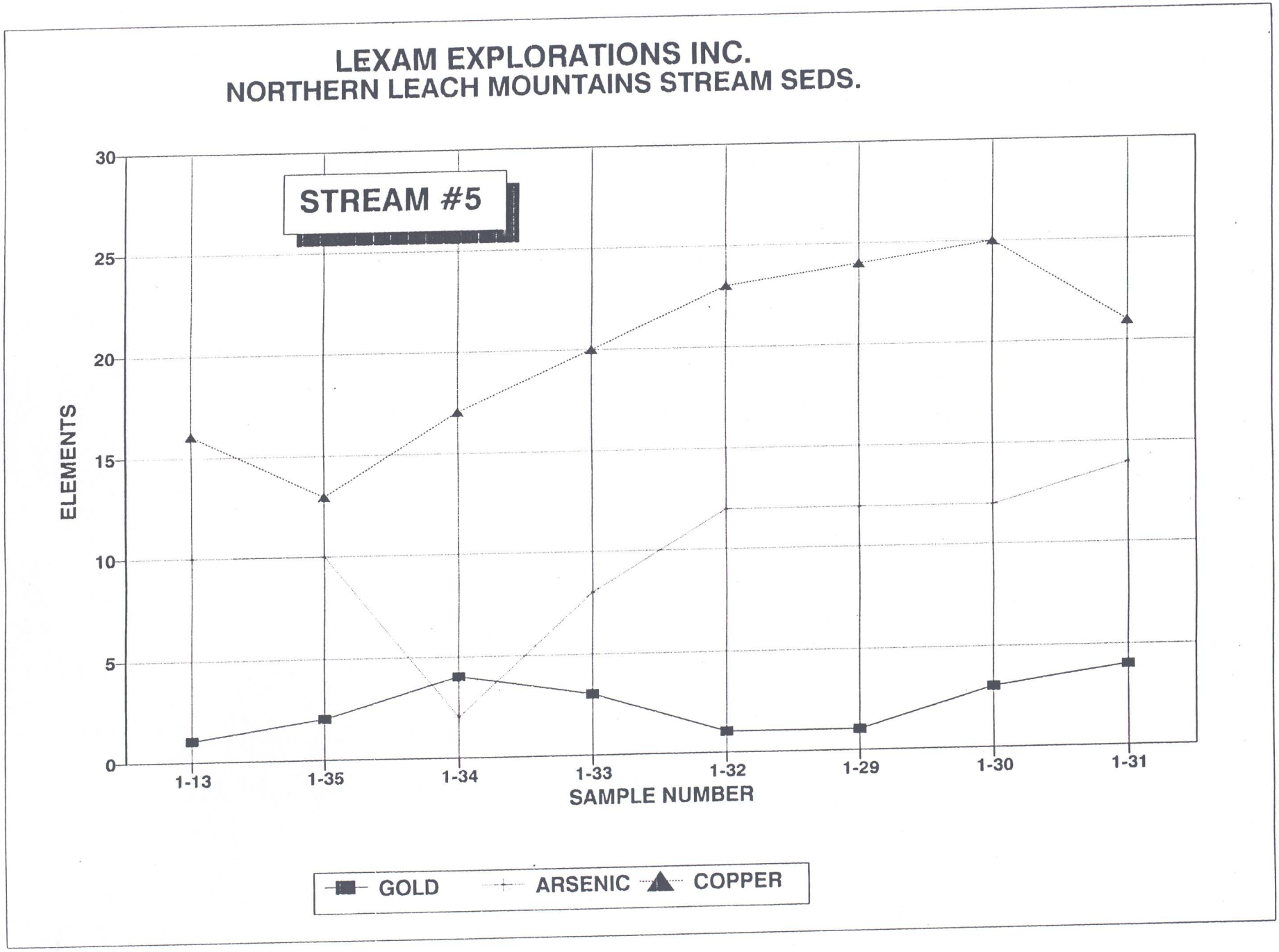

LEXAM EXPLORATIONS INC.
NORTHERN LEACH MOUNTAINS STREAM SEDS.
STREAM #2
ELEMENTS
50
45
40
35
30
25
20
15
10
5
0
1-13
1-36
1-37
1-38
1-39
1-40
1-41
1-42
1-43
SAMPLE NUMBER
GOLD
ARSENIC
COPPER

LEXAM EXPLORATIONS INC.
NORTHERN LEACH MOUNTAINS STREAM SEDS.

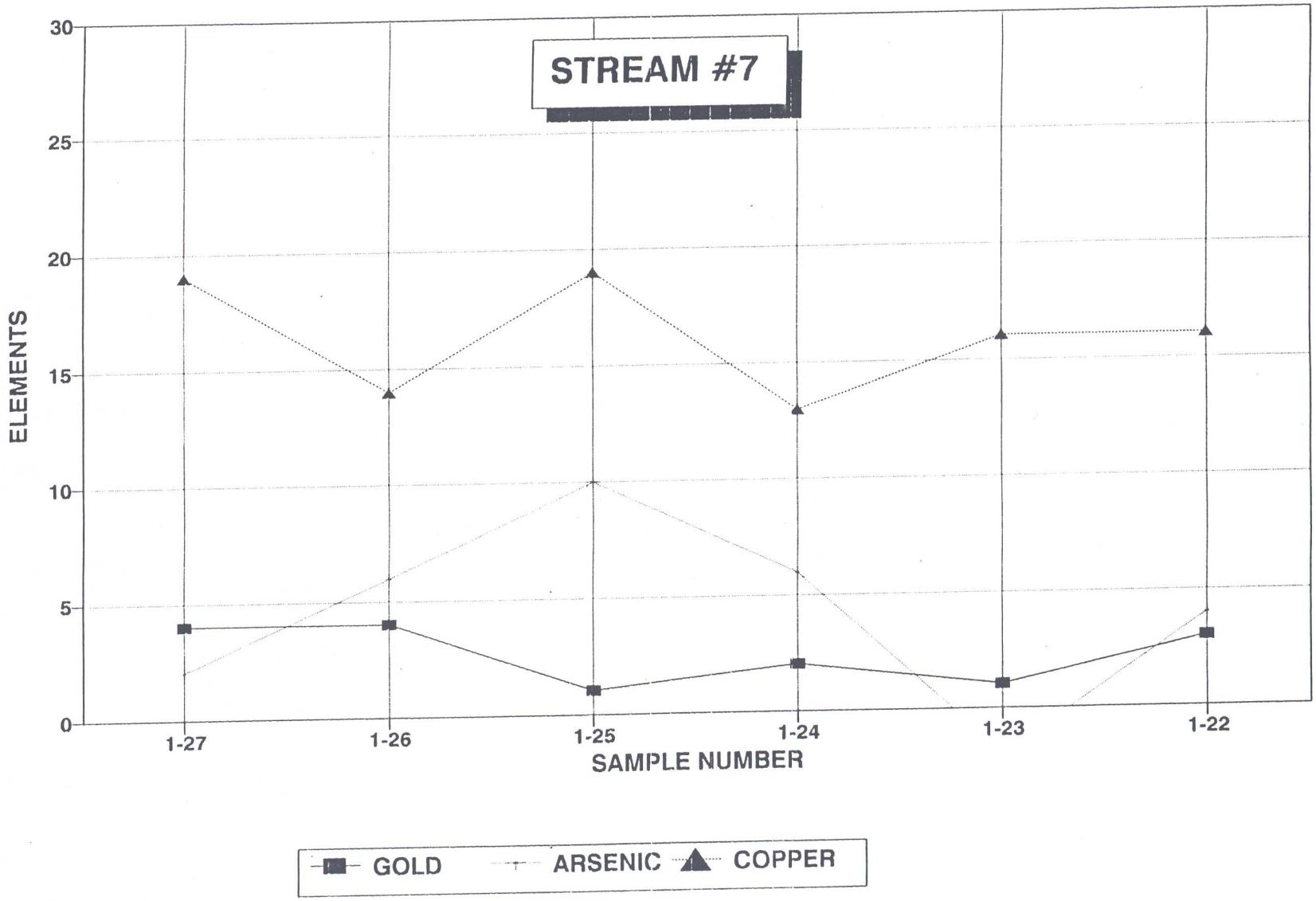


LEXAM EXPLORATIONS INC.
NORTHERN LEACH MOUNTAINS STREAM SEDS.

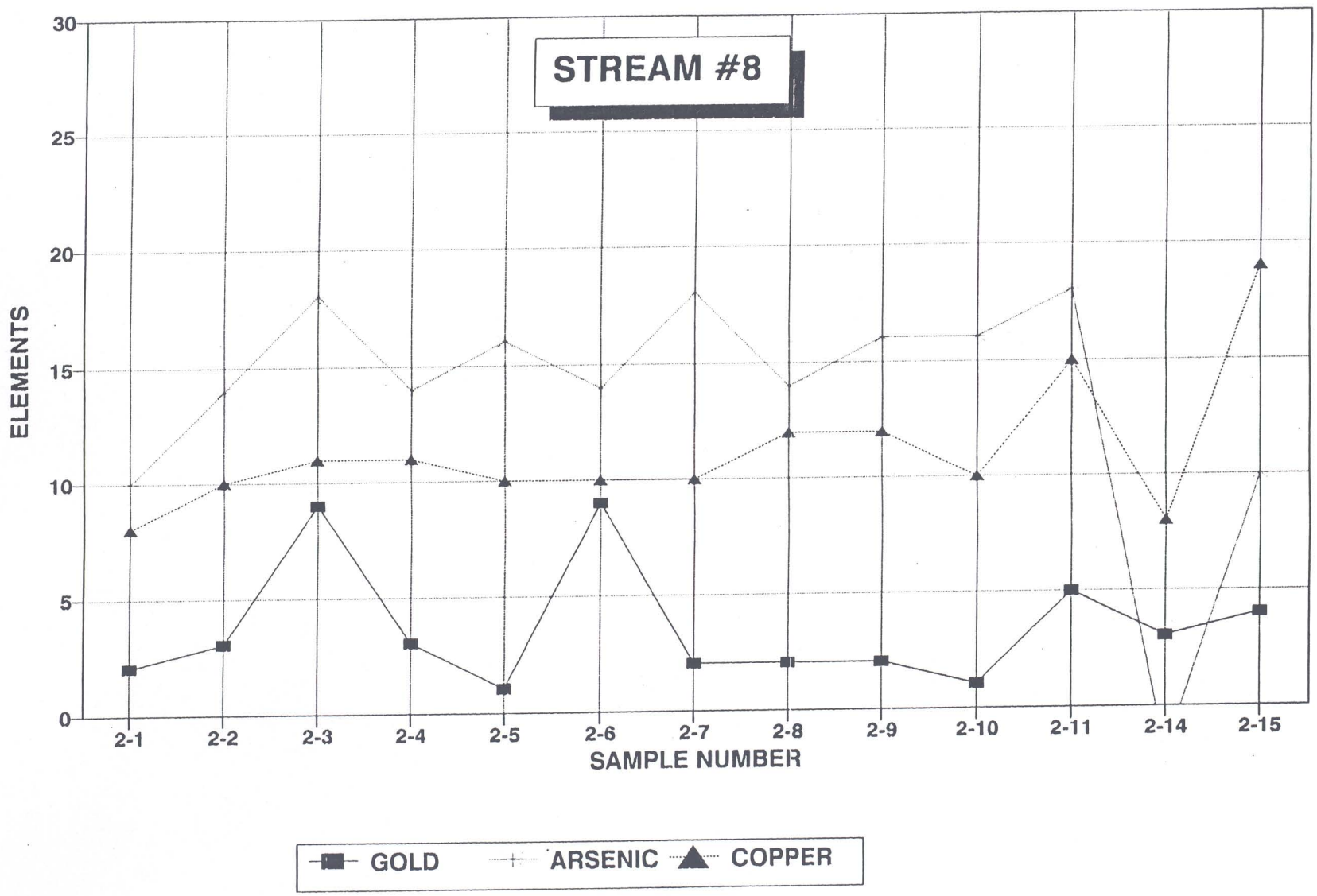



LEXAM EXPLORATIONS INC.
NORTHERN LEACH MOUNTAINS STREAM SEDS.
STREAM #5
ELEMENTS
30
25
20
15
10
5
0
1-13
1-35
1-34
1-33
1-32
1-29
1-30
1-31
SAMPLE NUMBER
GOLD
ARSENIC
COPPER

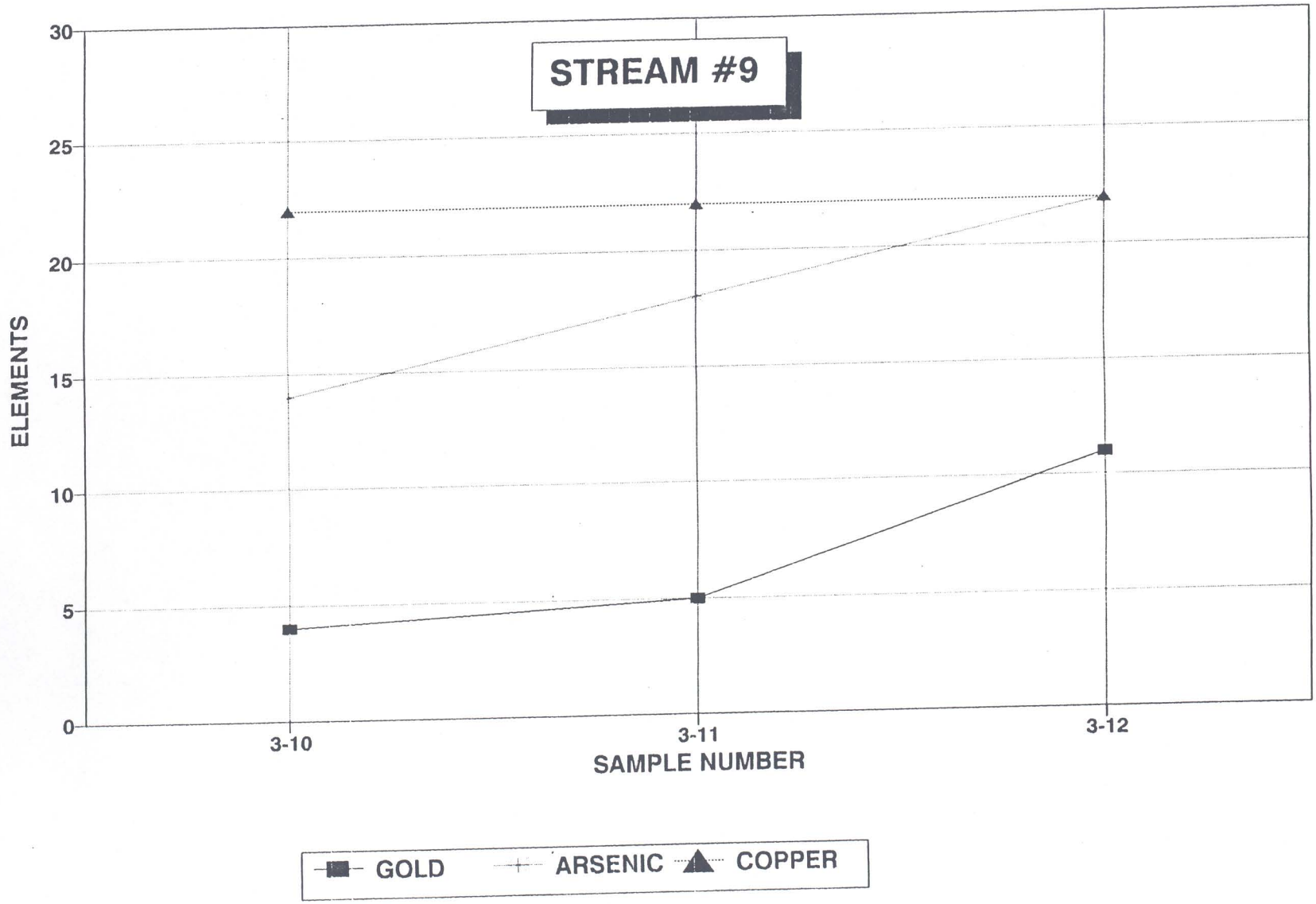
LEXAM EXPLORATIONS INC.
NORTHERN LEACH MOUNTAINS STREAM SEDS.



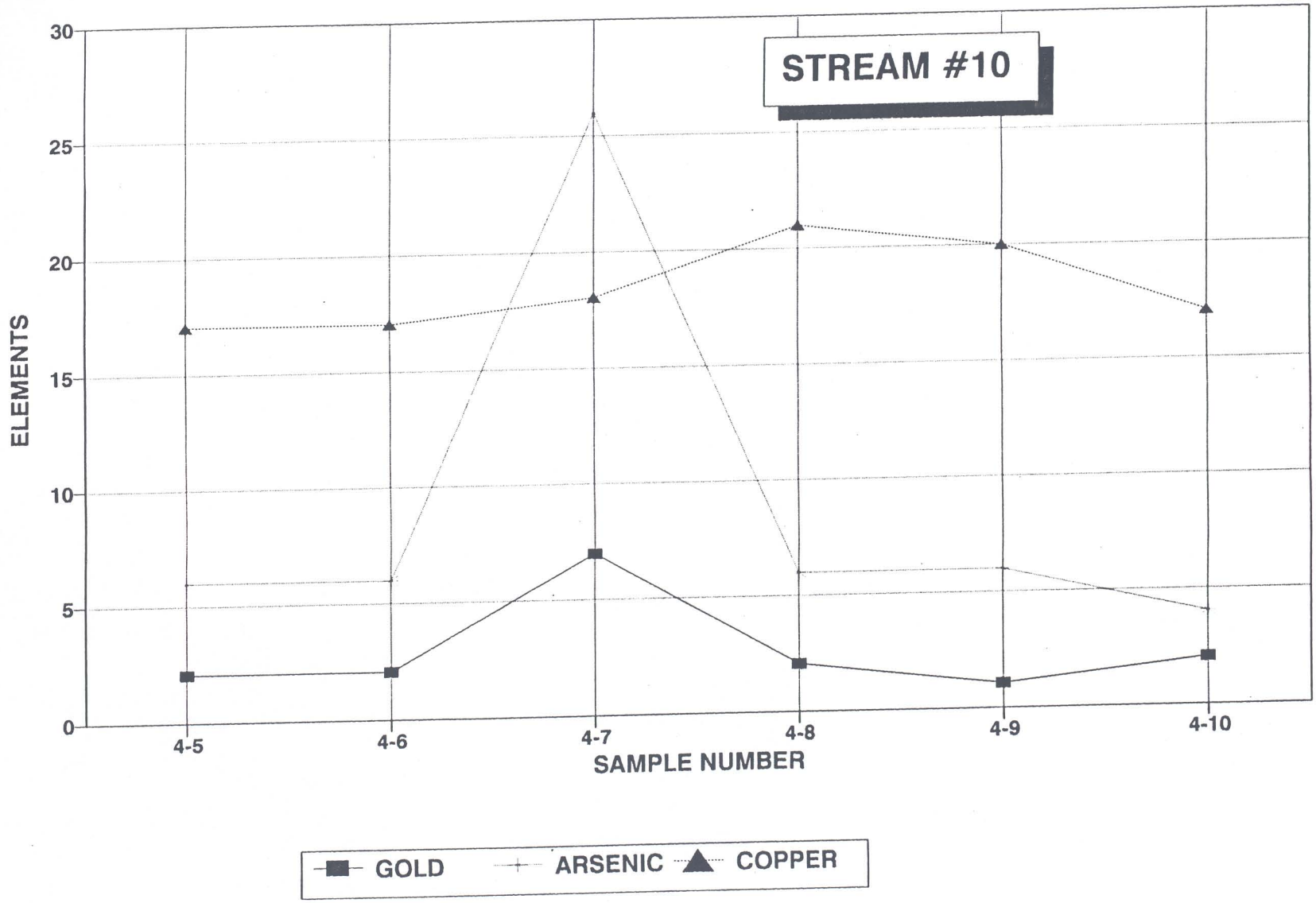
LEXAM EXPLORATIONS INC.
NORTHERN LEACH MOUNTAINS STREAM SEDS.



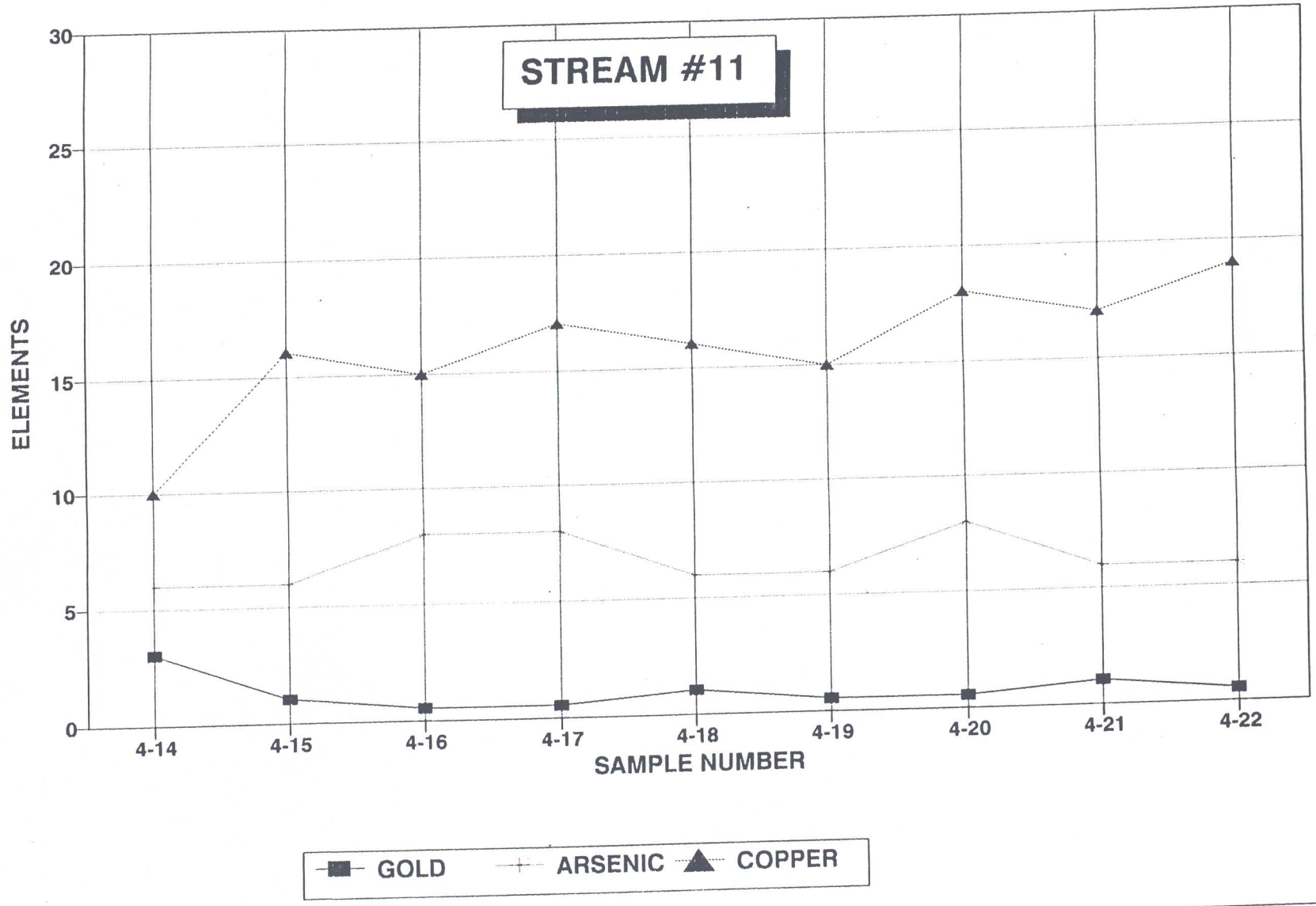
LEXAM EXPLORATIONS INC.
NORTHERN LEACH MOUNTAINS STREAM SEDS.



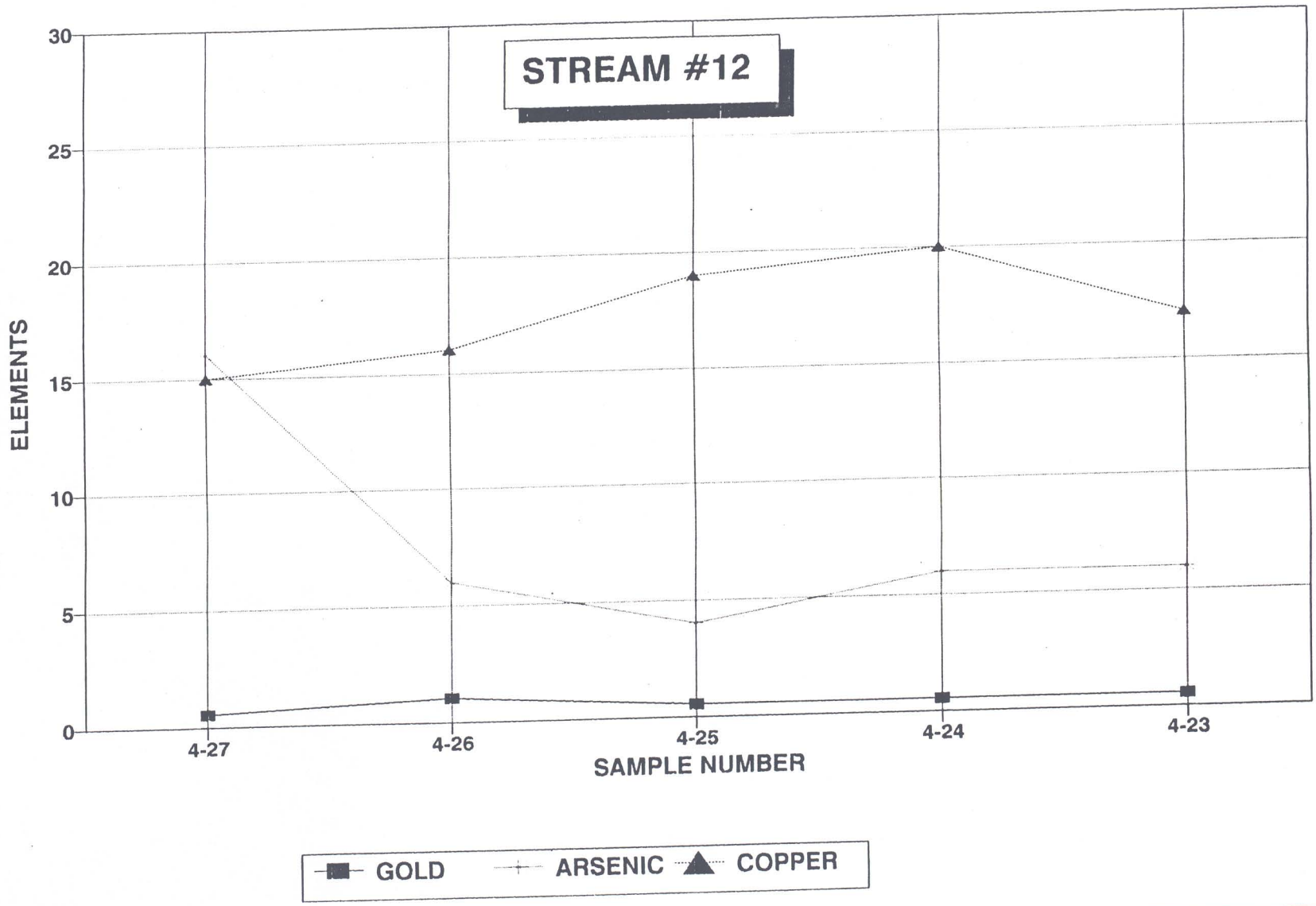
LEXAM EXPLORATIONS INC.
NORTHERN LEACH MOUNTAINS STREAM SEDS.



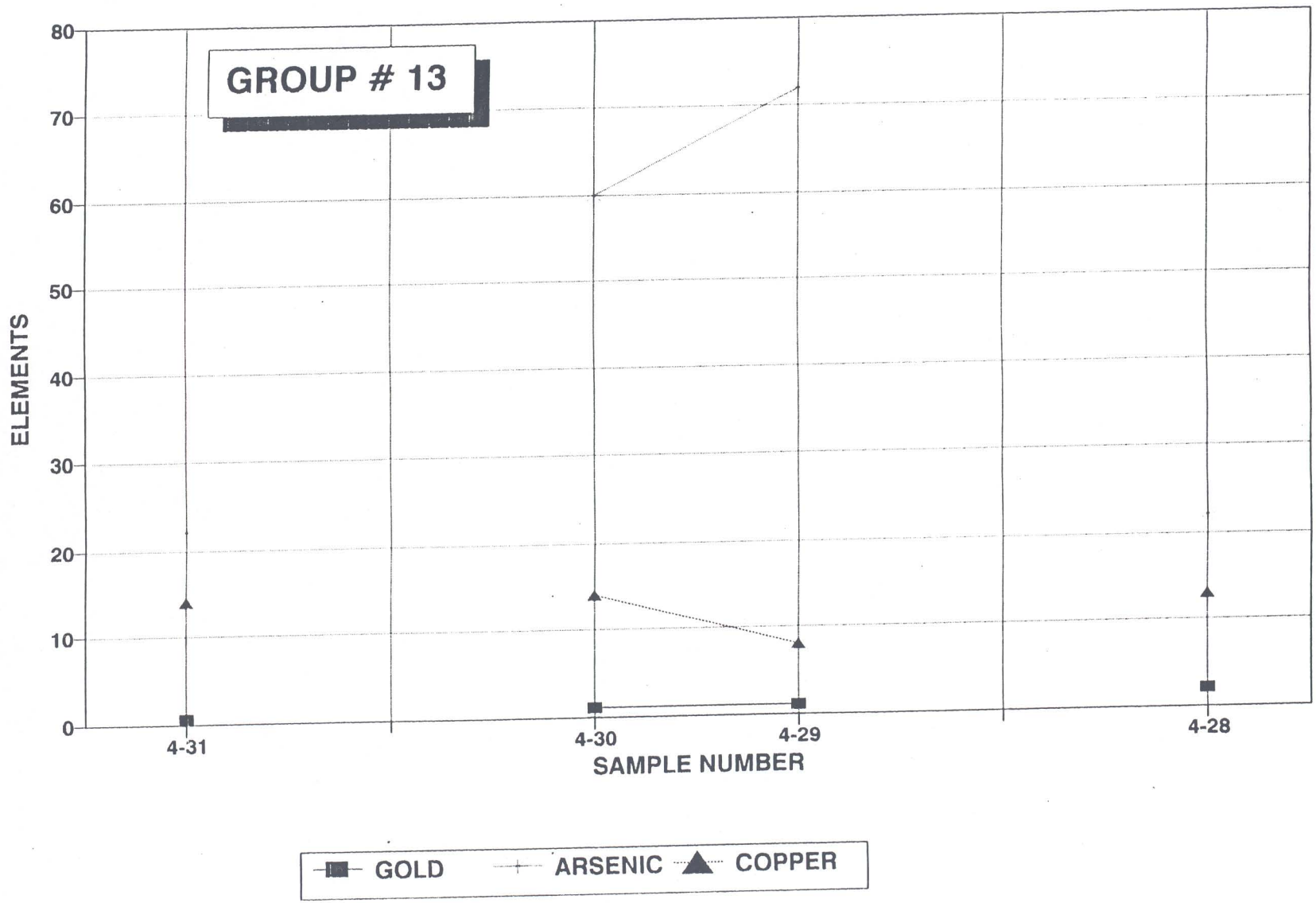
LEXAM EXPLORATIONS INC.
NORTHERN LEACH MOUNTAINS STREAM SEDS.



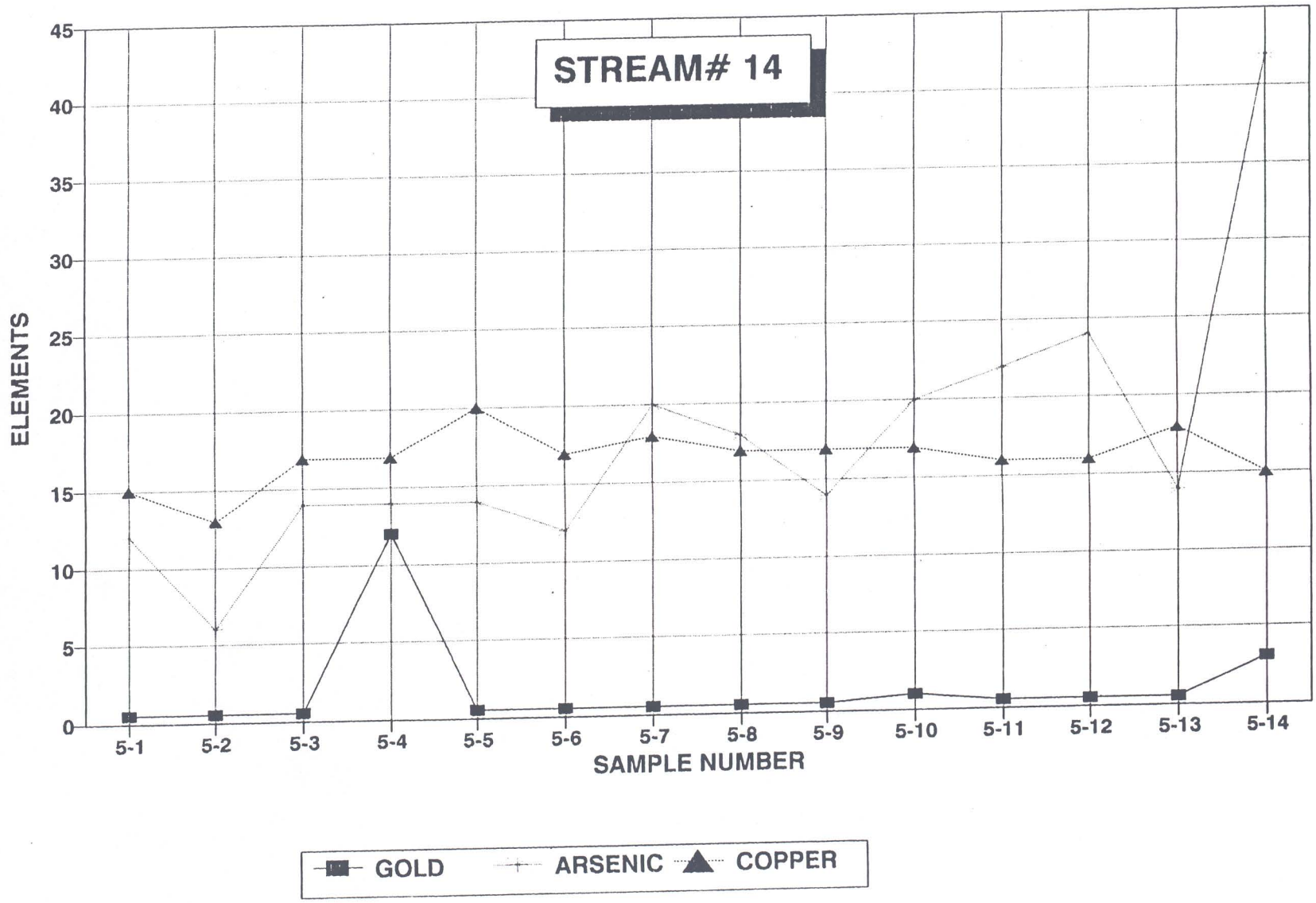
LEXAM EXPLORATIONS INC.
NORTHERN LEACH MOUNTAINS STREAM SEDS.



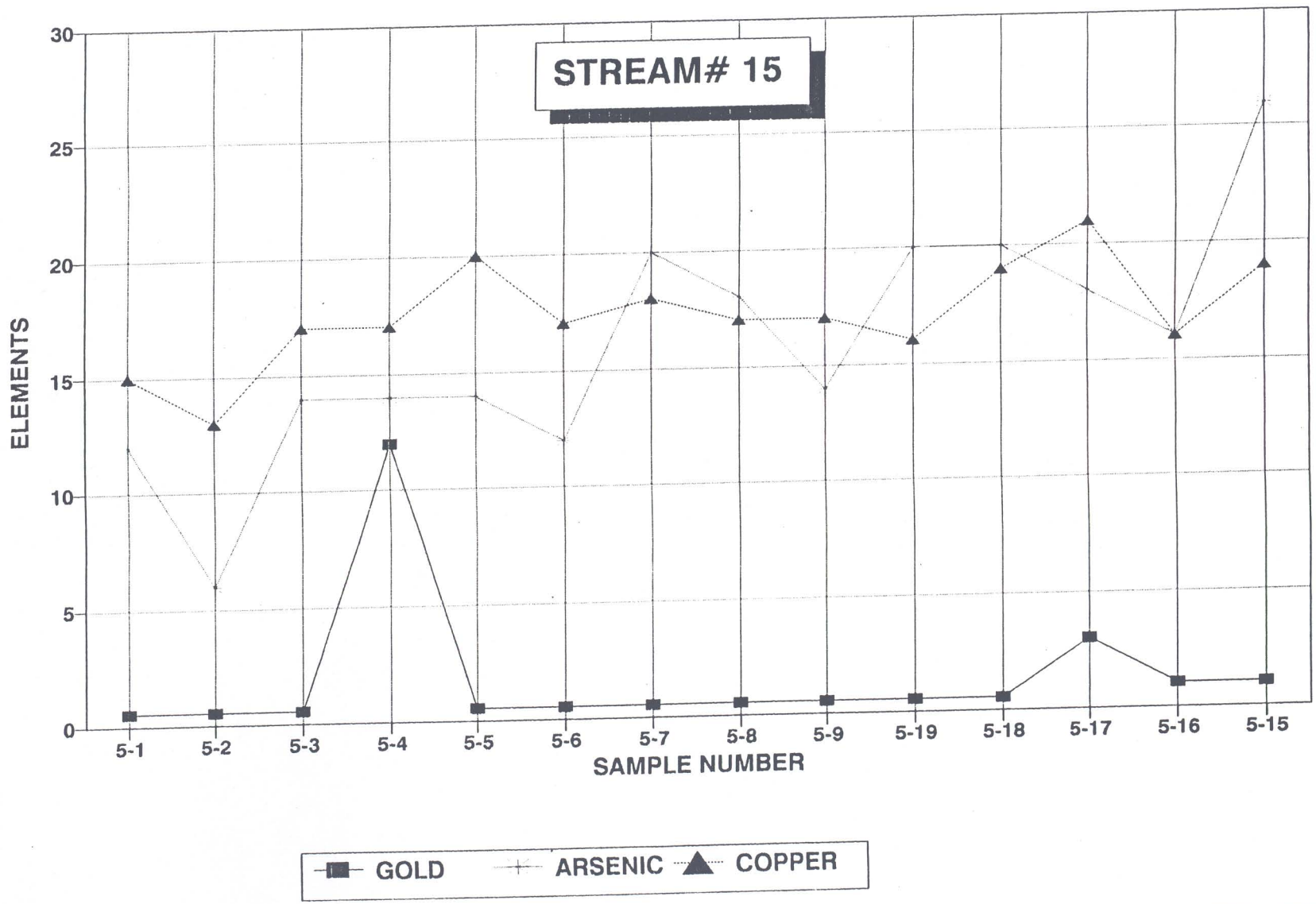
LEXAM EXPLORATIONS INC.
NORTHERN LEACH MOUNTAINS STREAM SEDS.



LEXAM EXPLORATIONS INC.
NORTHERN LEACH MOUNTAINS STREAM SEDS.



LEXAM EXPLORATIONS INC.
NORTHERN LEACH MOUNTAINS STREAM SEDS.



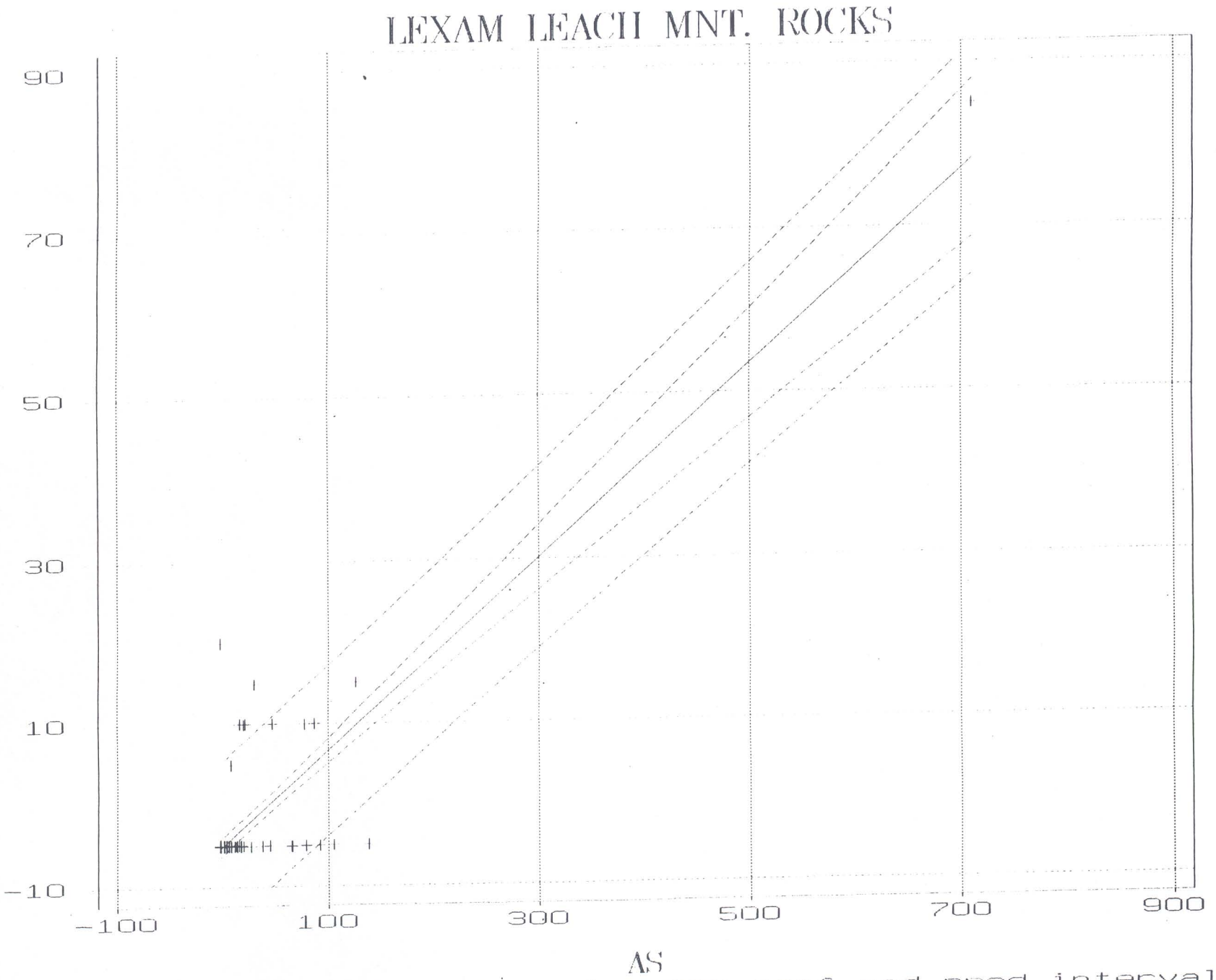
CORRELATIONS (PEARSON)

	AG	AL	AS	AU	BA	CA	CD
AL	0.0264						
	0.3385	-0.0295					
AU	0.1223	-0.0254	0.8628				
BA	-0.0469	0.0335	-0.0194	0.0580			
CA	-0.1177	-0.1433	-0.1170	0.0167	-0.0562		
CD	0.2043	-0.0759	0.7259	0.6666	0.0606	0.1539	
CO	-0.0540	0.2418	0.1377	0.1408	0.0751	-0.0706	-0.0143
CR	0.2275	-0.2560	0.0878	-0.0108	-0.0238	-0.5562	-0.0489
CU	-0.0135	0.0756	0.0869	0.0014	-0.0225	-0.1061	-0.0216
FE	0.1451	0.1736	0.4054	0.2738	-0.0043	-0.2012	0.1743
K	0.1015	0.7624	0.0062	-0.0245	0.0734	-0.1947	-0.0266
MG	-0.1278	-0.2880	-0.1534	-0.0929	-0.0607	0.4831	-0.0583
MN	-0.0331	0.1688	0.0270	0.0484	0.0495	0.2254	0.0341
NI	0.0322	0.2472	-0.0534	-0.0624	0.0599	-0.2321	-0.0459
P	0.2544	0.1685	0.1703	0.0976	-0.0834	-0.0668	0.0758
PB	0.7129	-0.0913	0.7766	0.5863	-0.0644	-0.1331	0.5892
SB	0.2134	0.1294	0.6388	0.5490	0.0207	0.0126	0.3754
SR	0.0271	0.0129	0.0796	0.0406	0.0718	0.3974	0.1301
V	0.6107	0.0716	0.6523	0.4466	-0.0649	-0.1338	0.4261
W	0.0132	0.0568	0.2746	0.2655	-0.0419	0.0602	0.0886
ZN	0.3939	-0.0486	0.9393	0.8252	-0.0324	-0.0568	0.8230

	CO	CR	CU	FE	K	MG	MN
CR	0.0559						
CU	0.2584	-0.0991					
FE	0.3623	-0.0578	0.8988				
K	0.1642	-0.2217	-0.0437	0.1229			
MG	-0.1971	-0.2768	-0.0832	-0.2003	-0.2580		
MN	0.3938	-0.1184	-0.0566	-0.0066	0.1035	-0.0136	
NI	0.2355	0.3636	-0.0566	-0.0534	0.0449	-0.1256	0.0185
P	0.1249	0.3185	-0.0626	0.0327	0.2020	-0.1482	-0.0161
PB	0.0180	0.2614	-0.0135	0.2222	-0.0377	-0.1135	0.0276
SB	0.4160	-0.1146	0.3805	0.6169	0.0457	-0.2350	0.1708
SR	0.0726	-0.2702	-0.0263	0.0240	0.0361	0.0591	0.1452
V	0.2848	0.1595	0.5363	0.7048	0.0227	-0.1826	0.0806
W	0.4512	-0.2476	0.4031	0.5042	0.0124	-0.1028	0.2941
ZN	0.0385	0.0752	-0.0111	0.2543	0.0025	-0.0929	0.0090

	NI	P	PB	SB	SR	V	W
P	0.0334						
PB	-0.0166	0.1585					
SB	0.0616	0.0759	0.3951				
SR	-0.0403	0.0976	-0.0064	0.1790			
V	0.0169	0.1616	0.7894	0.5823	0.0348		
W	-0.1284	-0.0559	0.0729	0.4898	0.1098	0.3510	
ZN	-0.0362	0.1394	0.8233	0.4805	0.0387	0.6050	0.1260

CASES INCLUDED 98 MISSING CASES 0



AU = -4.9803 + 0.1172 * AS 95% conf and pred intervals

APPENDIX C

Ritz Area Geochemical Analyses

RITZ-LEWIS SPRING AREA-LEACH MTNS RECON PROJ-1991-96 ROCK SAMPLE ASSAYS

Sample Number	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	U ppm	V ppm	Ba ppm	Be ppm	Ga ppm	La ppm	Mn ppm	P ppm	Sc ppm	Sr ppm	Ti %	Al %	Ca %	Fe %	K %	Mg %	Na %
1991 Samples																																		
FL-91-40	55	0.002	3.8	5	2	1	2	59	20	54	10	3	2	0.2	5	57	27	5	8	1198	NS	NS	3	216	500	NS	65	0.01	0.12	1.25	2.63	0.05	0.49	0.01
FL-91-41	151	0.004	5.8	21	5	1	2	71	7	43	11	3	2	0.2	5	85	33	5	13	960	NS	NS	8	231	2500	NS	70	0.01	0.12	1.99	3.05	0.05	0.69	0.01
FL-91-42	7	0.000	0.3	3	2	242	2	72	11	8	10	2	3	0.2	5	69	28	5	5	170	NS	NS	2	275	300	NS	33	0.01	0.18	0.10	3.16	0.03	0.03	0.01
1994 Samples																																		
L4- 294	0	0.000	0.0	196	12	0	0	79	2	140	27	0	0	0.5	4	188	79	0	599	330	0.0	0	0	55	950	2	30	0.00	0.33	0.13	9.43	0.10	0.04	0.00
L4- 295	0	0.000	0.0	12	4	0	0	20	4	112	2	0	0	0.0	13	284	62	0	21	1370	0.0	0	0	140	460	1	44	0.00	0.43	0.11	3.90	0.10	0.08	0.00
L4- 296	25	0.001	0.0	76	0	0	0	5	2	2	0	0	0	0.0	1	242	5	0	13	200	0.0	0	0	25	290	1	68	0.00	0.35	0.04	0.79	0.12	0.02	0.00
L4- 297	10	0.000	0.2	0	0	0	0	2	0	8	1	0	0	0.0	0	155	4	0	17	120	0.0	0	0	15	120	0	6	0.00	0.24	0.27	0.16	0.11	0.04	0.00
L4- 298	0	0.000	0.0	4	0	0	0	7	2	58	1	0	0	0.0	1	269	11	0	28	590	0.0	0	0	55	2570	0	57	0.00	0.18	0.66	0.80	0.03	0.03	0.00
L4- 299	0	0.000	0.0	0	0	0	0	3	0	2	1	0	0	0.0	0	282	4	0	8	270	0.0	0	0	85	460	0	78	0.00	0.14	0.13	0.26	0.01	0.06	0.00
L4- 300	0	0.000	0.2	0	0	0	0	2	0	0	4	0	0	0.0	0	277	6	0	2	260	0.0	0	0	60	120	0	26	0.00	0.04	0.61	0.23	0.00	0.05	0.00
L4- 301	0	0.000	0.6	0	0	0	0	6	4	0	2	0	0	0.0	1	432	7	0	3	540	0.0	0	0	65	320	0	113	0.00	0.07	0.21	0.35	0.00	0.01	0.00
L4- 302	0	0.000	0.0	60	16	0	0	41	8	1690	5	40	0	11.0	8	169	60	0	405	260	0.0	10	0	365	850	2	33	0.01	0.19	10.07	13.98	0.04	0.19	0.00
L4- 303	0	0.000	0.0	108	22	0	0	57	70	972	3	30	0	1.5	11	207	82	0	448	150	0.0	10	0	155	520	1	10	0.00	0.12	3.16	15.00	0.01	0.11	0.00
L4- 304	0	0.000	0.0	4	0	0	0	7	56	86	1	0	0	0.5	1	215	9	0	17	710	0.0	0	0	80	150	1	56	0.00	0.14	4.38	1.27	0.07	0.05	0.00
L4- 305	0	0.000	0.2	0	0	0	0	21	0	82	1	0	0	0.5	3	83	16	0	30	700	0.0	0	0	60	910	3	176	0.00	0.50	6.69	0.62	0.31	1.02	0.01
L4- 306	0	0.000	0.0	0	0	0	0	2	0	58	0	0	0	0.0	0	109	7	0	8	20	0.0	0	0	40	1010	0	164	0.00	0.16	14.48	0.32	0.04	0.18	0.00
L4- 307	0	0.000	0.2	70	4	5	0	8	0	24	14	0	0	0.5	1	316	14	0	30	1200	0.0	0	0	30	1270	0	143	0.00	0.13	0.36	1.34	0.01	0.03	0.00
L4- 308	0	0.000	0.2	6	2	0	0	9	0	16	3	0	0	0.0	2	323	8	0	16	380	0.0	0	0	165	1860	0	53	0.00	0.38	0.71	0.63	0.06	0.08	0.00
L4- 309	0	0.000	0.0	2	28	0	0	29	14	1198	0	170	0	0.5	24	25	39	0	32	100	0.0	50	0	1165	780	2	41	0.00	0.99	0.75	15.00	0.03	0.19	0.00
L4- 310	0	0.000	0.0	6	0	0	0	3	0	30	0	0	0	0.0	1	186	6	0	7	270	0.0	0	0	160	1340	0	179	0.00	0.13	8.74	0.54	0.03	1.13	0.01
L4- 312	0	0.000	0.0	106	12	0	0	20	4	14	18	0	0	0.0	12	184	26	0	39	110	0.0	0	0	75	500	1	20	0.00	0.21	0.18	9.44	0.06	0.07	0.00
L4- 313	0	0.000	0.0	4	2	1	0	6	0	8	3	0	0	0.0	1	423	8	0	9	150	0.0	0	0	80	2180	0	40	0.00	0.11	0.60	0.65	0.00	0.02	0.00
L4- 314	75	0.002	0.2	4	4	0	0	10	2	100	4	0	0	0.5	2	296	25	0	24	2120	0.0	0	10	65	8120	1	135	0.00	0.32	1.87	0.56	0.11	0.04	0.01
L4- 315	30	0.001	0.0	104	6	0	0	40	28	224	10	0	0	1.0	2	209	40	0	123	1200	0.0	0	0	85	1820	1	52	0.00	0.25	0.48	5.00	0.11	0.04	0.00
L4- 316	10	0.000	0.0	116	16	10	0	11	2	66	16	0	0	1.0	2	304	25	0	41	810	0.0	0	0	45	2560	3	73	0.00	0.15	1.36	7.36	0.01	0.03	0.00
L4- 317	45	0.001	0.6	1160	80	107	0	31	6	182	256	0	0	4.0	6	299	42	60	75	1890	0.0	0	0	115	620	0	88	0.00	0.13	0.22	4.57	0.02	0.03	0.00
L4- 318	10	0.000	0.0	36	4	0	0	6	6	80	2	0	0	0.0	1	183	12	0	18	180	0.0	0	0	125	1330	1	93	0.00	0.29	4.58	0.65	0.13	0.07	0.00
L4- 319	0	0.000	0.0	10	0	0	0	5	4	88	0	0	0	0.5	1	89	16	0	16	80	0.0	0	0	135	5480	1	82	0.00	0.30	9.30	0.71	0.06	0.09	0.00
L4- 320	0	0.000	0.2	6	2	0	0	25	6	28	4	0	0	0.0	3	234	33	0	40	270	0.0	0	0	50	560	0	13	0.00	0.23	0.28	1.90	0.09	0.03	0.00
L4- 321	0	0.000	0.0	6	4	0	0	5	0	26	3	0	0	0.0	0	332	11	0	7	420	0.0	0	10	85	5040	0	49	0.00	0.12	2.33	0.44	0.02	0.07	0.01
L4- 322	0	0.000	0.0	0	0	0	0	3	2	4	4	0	0	0.0	0	296	7	0	3	70	0.0	0	0	75	1060	0	16	0.00	0.06	0.52	0.31	0.00	0.03	0.00
L4- 323	0	0.000	0.0	248	12	0	0	10	10	126	4	10	0	0.5	2	93	17	0	20	2390	0.0	0	0	485	2770	3	82	0.00	0.35	5.51	8.65	0.10	0.29	0.00
L4- 324	0	0.000	0.0	0	2	0	0	3	0	12	1	0	0	0.0	1	267	7	0	3	140	0.0	0	10	70	3320	0	61	0.00	0.12	1.65	0.37	0.01	0.27	0.00
L4- 325	0	0.000	0.0	102	4	0	0	3	0	26	3	0	0	0.0	1	134	7	0	9	60	0.0	0	0	180	1390	1	47	0.00	0.05	3.36	2.83	0.01	0.56	0.00
L4- 326	0	0.000	0.0	4	4	0	0	33	2	6	1	0	0	0.0	1	225	34	0	119	150	0.0	0	0	80	1880	1	476	0.00	0.42	0.36	1.53	0.13	0.03	0.00
L4- 333	0	0.000	0.0	0	0	0	0	3	0	10	1	0	0	0.0	1	280	4	0	3	270	0.0	0	0	65	890	0	44	0.00	0.03	2.92	0.28	0.00	1.04	0.00
L4- 334	0	0.000	0.8	10	0	1	0	6	2	3352	4	0	0	56.5	1	295	8	0	24	2860	0.0	0	0	35	1370	0	58	0.00	0.05	0.38	1.37	0.00	0.03	0.00
L4- 335	0	0.000	0.0	0	0	0	0	4	0	18	2	0	0	0.0	0	402	6	0	3	120	0.0	0	0	50	1380	0	27	0.00	0.03	1.10	0.35	0.00	0.32	0.00
L4- 336	0	0.000	0.0	0	0	0	0	1	0	22	1	0	0	0.0	1	164	4	0	13	1340	0.0	0	0	80	1480	0	196	0.00	0.07	9.21	0.18	0.00	5.23	0.01
L4- 346	0	0.000	0.0	12	4	0	0	6	2	168	1	0	2	0.0	1	262	28	0	47	70	0.0	0	10	35	10000	1	115	0.00	0.41	3.39	0.98	0.17	0.07	0.03
L4- 347	0	0.000	0.0	8	4	1	0	4	2	14	5	0	2	0.0	0	293	7	0	12	60	0.0	0	0	60	420	0	10	0.00	0.26	0.14	0.61	0.07	0.04	0.00
L4- 348	0	0.000	0.0	8	6	0	0	5	2	48	3	0	4	0.0	0	260	12	0	20	40	0.0	0	10	90	10000	1	104	0.00	0.26	5.33	0.54	0.11	1.49	0.03
L4- 349	20	0.001	0.0	2626	200	121	0	21	0	272	456	10	4	7.5	10	265	76	40	136	1150	0.0	0	0	65	700	1	50	0.00	0.14	0.25	8.11	0.03	0.03	0.00
L4- 350	30	0.001	0.0	10	2	1	0	5	0	52	6	0	4	0.0	1	233	17	0	10	60	0.0	0	0	200	1260	0	27	0.00	0.28	1.01	0.46	0.06	0.37	0.00
L4- 351	0	0.000	0.0	56	6	1	0	17	2	196	6	30	2	2.0	2	71	27	0	40	60	0.0	10	0	175	2590	3	128	0.00	0.54	11.65	7.93	0.13	0.15	0.01
P4- 217	0	0.000	0.2	42	2	0	0	28	6	6	2	0	0	0.0	1	305	11	0	21	680	0.0	0	0	30	440	1	90	0.00	0.30	0.10	1.34	0.06	0.02	0.00
P4- 218	0	0.000	0.0	52	2	0	0	20	4	4	2	0	0	0.0	1	252	5	0	33	110	0.0	0	0	30	590	1	20	0.00	0.24	0.09	3.39	0.19	0.02	0.01
P4- 219	0	0.000	0.0	260	6	0	0	57	2	16	10	0	0	0.5	9	165	44	0	41	1510	0.0	0	0	50	1410	2	39	0.00	0.28	0.15	7.64	0.13	0.04	0.01
P4- 220	0	0.000	0.0	0	0	0	0	4	0	6	1	0	0	0.0	0	354	5	0	7	130	0.0	0	0	60	2180	0	50	0.00	0.07	2.79	0.39	0.00	0.38	0.00
P4- 221	0	0.000	0.0	2	0	0	0	2	0	18	1	0	0	0.0	0	198	4	0	11	80	0.0	0	0	175	2730	0	339	0.00	0.22	10.72	0.42	0.02	0.42	0.01
P4- 222	0	0.000	0.0	14	2	0	0	17	0	2	3	0	0	0.0	3	224	18	0	23	530	0.0	0	0	150	620	1	18	0.00	0.54	0.25	1.82	0.20	0.08	0.00
P4- 223	5	0.000	0.8	16	0	0	0	7	36	26	6	0	0	0.0	1	363	11	0	26	730	0.0	0	0	50	270	0	52	0.00	0.11	0.04	1.48	0.13	0.01	0.00
P4- 224	0	0.000	0.2	28	4	0	0	17	6	18	7	0	0	0.0	1	271	11	0	100	250	0.0	0	0	40	670	0	126	0.00	0.16	0.14	3.66	0.23	0.03	0.04
P4- 225	0	0.000	0.0	12	2	0	0	11	0	64	9	0	0	0.0	1	379	10	0	34	570	0.0	0	0	65	800	0	46	0.00	0.08	0.19	1.28	0.13	0.01	0.01
P4- 226	0	0.000	0.0	0	0	0	0	2	0	24	2	0	0	0.0	0	213	7	0	12	10	0.0	0	0	45	4250	0	83	0.00	0.06	7.01	0.24	0.00	1.94	0.01
P4- 227	0	0.000	0.4	26	6	0	0	5	2	76	4	0	0	0.0	0	276	24	0	29	120	0.0	0	20	255	10000	1	95	0.00	0.39	4.32	0.58	0.17	0.07	0.05
P4- 228	0	0.000	0.0	0	2	0	0	3	0	20	1	0	0	0.0	1	240	6	0	7	50	0.0	0	10	45	4440	0	99	0.00	0.13	6.70	0.31	0.03	0.26	0.02
P4- 229	0	0.000	0.2	4	4	0	0	3	0	56	1	0	0	0.0	1	88	8	0	15	180	0.0	0	10	50	6200	2	228	0.00	0.46	15.00	0.61	0.18	0.18	0.03

RITZ-LEWIS SPRING AREA-LEACH MTNS RECON PROJ-1991-96 ROCK SAMPLE DESCRIPTIONS

Sample Number	Date	Sec	Twnsp	Range	Description
1991 Samples					
FL-91-40		34	40N	67E	Outcrop, composite jasperoid, black, red brown, white, QV brecciated
FL-91-41		34	40N	67E	Outcrop, composite jasperoid, black, red brown, white, QV brecciated
FL-91-42		34	40N	67E	Outcrop, jasperoid, grey, brecc, tr cinnabar
1994 Samples					
L4- 294	13-Jul-94	34	T40N	R67E	Subcrop, quartz conglomerate, red grey
L4- 295	13-Jul-94	34	T40N	R67E	Subcrop, quartz conglomerate, red grey
L4- 296	13-Jul-94	34	T40N	R67E	Subcrop, quartz conglomerate, red grey
L4- 297	13-Jul-94	34	T40N	R67E	Subcrop, siltstone, grey, fractured, weak silicification
L4- 298	13-Jul-94	27	T40N	R67E	Outcrop, jasperoid breccia, grey, minor opal
L4- 299	13-Jul-94	27	T40N	R67E	Outcrop, jasperoid breccia, light grey
L4- 300	13-Jul-94	27	T40N	R67E	Outcrop, jasperoid breccia, light grey
L4- 301	13-Jul-94	27	T40N	R67E	Outcrop, jasperoid breccia, light grey
L4- 302	13-Jul-94	27	T40N	R67E	Outcrop, Fe-gossan, ochre
L4- 303	13-Jul-94	34	T40N	R67E	Subcrop, Fe-gossan, ochre
L4- 304	13-Jul-94	34	T40N	R67E	Subcrop, jasperoid breccia, dark grey-red
L4- 305	13-Jul-94	34	T40N	R67E	Outcrop, siltstone-sandstone, black, carbonaceous, trace pyrite, weakly calcareous
L4- 306	14-Jul-94	35	T40N	R67E	Outcrop, limestone, pink buff-grey
L4- 307	14-Jul-94	10	T39N	R67E	Outcrop, chert-jasperoid breccia, grey-red
L4- 308	14-Jul-94	10	T39N	R67E	Outcrop, chert-jasperoid breccia, grey-red
L4- 309	14-Jul-94	10	T39N	R67E	Prospect pit, dump, Fe-gossan, ochre, <6" wide.
L4- 310	14-Jul-94	11	T39N	R67E	Outcrop, jasperoid breccia, grey
L4- 312	18-Jul-94	10	T39N	R67E	Outcrop, jasperoid breccia, orange-grey
L4- 313	18-Jul-94	10	T39N	R67E	Outcrop, jasperoid breccia, orange-grey
L4- 314	18-Jul-94	10	T39N	R67E	Outcrop, jasperoid breccia, orange-grey
L4- 315	18-Jul-94	10	T39N	R67E	Outcrop, jasperoid breccia, orange-grey
L4- 316	18-Jul-94	10	T39N	R67E	Outcrop, jasperoid breccia, orange-grey
L4- 317	18-Jul-94	10	T39N	R67E	Outcrop, jasperoid breccia, orange-grey
L4- 318	18-Jul-94	10	T39N	R67E	Subcrop, limestone, red-orange, weakly silicified
L4- 319	19-Jul-94	11	T39N	R67E	Float, limestone, yellow orange, fractured
L4- 320	19-Jul-94	11	T39N	R67E	Outcrop, jasperoid breccia, grey
L4- 321	19-Jul-94	2	T39N	R67E	Outcrop, jasperoid breccia, grey
L4- 322	19-Jul-94	11	T39N	R67E	Outcrop, jasperoid breccia, grey
L4- 323	19-Jul-94	11	T39N	R67E	Subcrop, jasperoid breccia, orange yellow, oxidized pyrite cubes
L4- 324	19-Jul-94	11	T39N	R67E	Outcrop, chert breccia, grey
L4- 325	19-Jul-94	2	T39N	R67E	Outcrop, chert breccia, grey, red-grey
L4- 326	19-Jul-94	2	T39N	R67E	Outcrop, jasperoid breccia, red-grey
L4- 333	20-Jul-94	26	T40N	R67E	Outcrop, chert breccia, grey
L4- 334	20-Jul-94	26	T40N	R67E	Outcrop, chert breccia, pink grey
L4- 335	20-Jul-94	26	T40N	R67E	Outcrop, chert breccia, pink grey

RITZ-LEWIS SPRING AREA-LEACH MTNS RECON PROJ-1991-96 ROCK SAMPLE DESCRIPTIONS

Sample Number	Date	Sec	Twnsp	Range	Description
L4- 336	20-Jul-94	26	T40N	R67E	Outcrop, chert-limestone, grey, cut by white quartz veinlets
L4- 346	02-Aug-94	10	T39N	R67E	Outcrop, jasperoid breccia, red-gray, orange
L4- 347	02-Aug-94	10	T39N	R67E	Outcrop, jasperoid breccia, red-gray, orange
L4- 348	02-Aug-94	10	T39N	R67E	Outcrop, jasperoid breccia, red-gray, orange
L4- 349	02-Aug-94	10	T39N	R67E	Repeat of L4-317
L4- 350	02-Aug-94	10	T39N	R67E	Outcrop, jasperoid breccia, grey, boxwork texture
L4- 351	02-Aug-94	10	T39N	R67E	Outcrop, limestone, buff-orange, weak heamatite
P4- 217	13-Jul-94	34	T40N	R67E	Outcrop, sandstone, grey to white, fine to med-grained, minor pebble conglomerate, mod to str lim surface & fractures
P4- 218	13-Jul-94	3	T39N	R67E	Outcrop, sandstone, grey to tan, med to coarse-gr, mod to str lim/hem on surfaces & fractures, mod late drusy qtz on fractures
P4- 219	13-Jul-94	3	T39N	R67E	Subcrop, sandstone, orange-brown & tan, med to coarse-gr, str lim
P4- 220	13-Jul-94	3	T39N	R67E	Subcrop, jasperoid/chert, grey & red, wk local hem stain, minor thin white qtz veins, wk lim on fractures
P4- 221	13-Jul-94	33	T40N	R67E	Subcrop/float, jasperoid/chert, dk grey to black, minor white qtz veins, wk to mod hem, wk lim on fractures
P4- 222	13-Jul-94	34	T40N	R67E	Subcrop, sandstone, grey, med to fine-grained, mod lim/hem on surface & fx, local liesegang banding, minor drusy qtz
P4- 223	13-Jul-94	2	T39N	R67E	Outcrop, jasperoid, grey orange-brown & red, mod to str lim/hem on surface & fractures, mod white qtz veins up to 1/4", mod drusy qtz, minor opaline silica
P4- 224	13-Jul-94	2	T39N	R67E	Outcrop, jasperoid, orange-brown & red, str lim/hem, mod drusy qtz & opaline silica
P4- 225	13-Jul-94	2	T39N	R67E	Outcrop, jasperoid, orange-brown red & black, str lim/hem on surface & fractures, minor drusy qtz
P4- 226	13-Jul-94	3	T39N	R67E	Outcrop, jasperoid breccia, grey to lt grey, cherty, wk ot mod lim stain, local hem, minor white qtz veins up to 1/4"
P4- 227	13-Jul-94	3	T39N	R67E	Outcrop, jasperoid, dk grey & orange-brown, mod to str lim on surfaces & fractures, local hem zones, minor white qtz veins
P4- 228	14-Jul-94	2	T39N	R67E	Outcrop, chert to cherty limestone, grey-brown grey & tan, minor white qtz veining up to 1/4"
P4- 229	14-Jul-94	2	T39N	R67E	Subcrop, limestone, dk grey, weathers orange-brown to tan, mod calcite veining, local lim on fractures
P4- 230	14-Jul-94	35	T40N	R67E	Outcrop, calcareous sandstone, grey to black, fine-grained, mod-str lim/hem on surface & fractures
P4- 231	14-Jul-94	3	T39N	R67E	Outcrop, jasperoid, grey tan & orange-brown, vuggy, common mod-str lim stain
P4- 232	14-Jul-94	3	T39N	R67E	Outcrop, jasperoid breccia, grey & tan, vuggy, mod-str lim/hem, slickened surfaces w/ v str lim
P4- 233	14-Jul-94	3	T39N	R67E	Outcrop, limestone, orange orange-brown & tan, v str lim throughout, abun cc veins, vuggy
P4- 234	14-Jul-94	3	T39N	R67E	Outcrop, limestone, orange orange-brown & grey, str lim throughout, local silicification?, abun calcite veins
P4- 235	14-Jul-94	3	T39N	R67E	Outcrop, jasperoid, grey, wk to mod lim
P4- 236	14-Jul-94	3	T39N	R67E	Outcrop, jasperoid, grey, local brecciation, mod lim
P4- 251	18-Jul-94	11	T38N	R67E	Outcrop, limestone, orange orange-brown & tan, str lim stain, local diss lim blebs, mod calcit veins
P4- 252	18-Jul-94	2	T38N	R67E	Outcrop, jasperoid breccia, dk grey black & tan, wk to mod lim/hem, minor slickened fault surfaces
P4- 253	18-Jul-94	2	T38N	R67E	Outcrop, jasperoid breccia, dk grey & tan, str lim on slickened surfaces, rare hem
P4- 259	19-Jul-94	35	T39N	R67E	Outcrop, jasperoid, brown orange-brown & tan, mod lim on surface & fractures w/ local str hem, minor white qtz veins
P4- 260	19-Jul-94	35	T39N	R67E	Outcrop, chert, black to dk grey, minor white qtz veining, mod drusy qtz
P4- 261	19-Jul-94	35	T39N	R67E	Outcrop, chert, black to dk grey, minor white qtz veining, local brecciation, mod drusy qtz, wk lim/hem on fractures
P4- 262	19-Jul-94	26	T39N	R67E	Outcrop, chert, black, minor thin qtz veining (<1/8"), minor drusy qtz

1995 Samples

RITZ-LEWIS SPRING AREA-LEACH MTNS RECON PROJ-1991-96 ROCK SAMPLE DESCRIPTIONS

Sample Number	Date	Sec	Twnsp	Range	Description
P5-194	28-May-95	10	T39N	R67E	Outcrop, jasperoid breccia, grey-brown grey, minor calcite in matrix, mod limonite, local slickened faces w/ str lim
P5-195	28-May-95	10	T39N	R67E	Outcrop, jasperoid to jasperoid breccia, dk grey grey black, calcite on fractures, minor diss limonite, mod slickened faces w/ str lim
P5-196	28-May-95	10	T39N	R67E	Outcrop, jasperoid, grey white tan, mod limonite on surface, minor white qtz veining, drusy qtz on surface
P5-197	28-May-95	10	T39N	R67E	Outcrop, jasperoid breccia, grey to lt grey, mod to str limonite, minor white qtz veining
P5-198	28-May-95	10	T39N	R67E	Outcrop, jasperoid to jasperoid breccia, grey, mod-str limonite
P5-199	28-May-95	10	T39N	R67E	Outcrop, jasperoid, grey, wk to mod hematite stain, minor white qtz veining, local boxwork texture w/ hem on surface
P5-200	28-May-95	10	T39N	R67E	Outcrop, jasperoid, grey brown tan, locally only partially silicified, wk to mod limonite w/ local hematite
P5-201	28-May-95	10	T39N	R67E	Outcrop, jasperoid to jasperoid breccia, grey tan, str limonite on fractures, local hematite veinlets
P5-202	28-May-95	10	T39N	R67E	Outcrop, jasperoid breccia, orange orange-brown maroon red, str limonite throughout matrix w/ local str hem, rare specularite on fractures
P5-203	01-Jun-95	10	T39N	R67E	Outcrop, jasperoid breccia, black dk grey, vuggy, str lim/hem on surface
P5-204	01-Jun-95	10	T39N	R67E	Outcrop, jasperoid, lt grey white grey, local brecciation, minor limonite on fractures w/ rare hem, rare white qtz veining
P5-205	01-Jun-95	10	T39N	R67E	Outcrop, jasperoid, grey lt grey tan, fractured/brecciated, local wk limonite on fractures
P5-206	01-Jun-95	10	T39N	R67E	Outcrop, jasperoid, grey to lt grey, mod-str limonite throughout w/ local str hem
P5-207	01-Jun-95	10	T39N	R67E	Outcrop, jasperoid breccia, lt grey to grey, mod limonite, rare hematite, strongly fractured
1996 Samples					
P6-110	27-Aug-96	34	T40N	R67E	Outcrop, quartz-chert sandstone, grey, med to coarse gr, tr white quartz veining, wk to mod limonite, minor hem
P6-111	27-Aug-96	34	T40N	R67E	Outcrop, quartz sandstone, grey, med to f-gr , str limonite on fractures w/ local hematite
P6-112	27-Aug-96	34	T40N	R67E	Outcrop, quartz-chert sandstone, grey, med-gr, drusy qtz, mod limonite
P6-113	27-Aug-96	35	T40N	R67E	Outcrop, quartz-chert pebble conglomerate to coarse sandstone, grey orange brown, mod interstitial limonite
P6-114	27-Aug-96	35	T40N	R67E	Outcrop, quartz-chert pebble conglomerate, orange-brown red-brown grey, silicified on fx, mod lim/hem
P6-115	27-Aug-96	35	T40N	R67E	Outcrop, limestone, grey, mod lim/hem
P6-116	27-Aug-96	35	T40N	R67E	Outcrop, quartz-chert pebble conglomerate, grey red tan, wk lim/hem in matrix, wkly calcareous
P6-117	27-Aug-96	35	T40N	R67E	Float, quartz-chert pebble conglomerate to sandstone, grey-brown, abun white quartz veins, minor limonite
P6-118	27-Aug-96	34	T40N	R67E	Float, quartz-chert sandstone, grey, coarse-gr, slickened fault surface w/ str hematite
P6-119	27-Aug-96	34	T40N	R67E	Outcrop, quartz sandstone, grey tan white, locally bleached, fractured w/ str lim/hem on fx
P6-133	03-Nov-96	34	T40N	R67E	Outcrop, quartz to quartz-chert sandstone, grey, coarse-gr, minor diss limonite, minor vuggy quartz veins
P6-134	03-Nov-96	34	T40N	R67E	Outcrop, quartz sandstone, grey grey-brown, fractured, leached, wk limonite
P6-135	03-Nov-96	34	T40N	R67E	Subcrop, quartz sandstone, grey pink red, mod diss hematite, str black hem on fractures, local qtz veins
P6-136	03-Nov-96	34	T40N	R67E	Outcrop, quartz-chert sandstone to conglomerate, red red-brown grey, coarse-gr, mod diss limonite blebs
P6-137	03-Nov-96	34	T40N	R67E	Outcrop, quartz-chert conglomerate, grey grey-brown brown, mod diss limonite, str limonite on fractures, minor white qtz veins
P6-138	03-Nov-96	34	T40N	R67E	Subcrop/outcrop, quartz-chert sandstone, grey grey-brown orange, coarse-gr, minor white qtz veins, mod limonite &/or hematite stain

102 Samples

RITZ-LEWIS SPRING AREA-LEACH MTNS RECON PROJECT-HEAVY MINERAL ANALYSES

Sample Number	Wt grams	Au ppb	Sb ppm	As ppm	Ba ppm	Br ppm	Cd ppm	Ce ppm	Cs ppm	Cr ppm	Co ppm	Eu ppm	Hf ppm	Ir ppb	Fe %	La ppm	Lu ppm	Mo ppm	Ni ppm	Rb ppm	Sm ppm	Sc ppm	Se ppm	Ag ppm	Na %	Ta ppm	Te ppm	Tb ppm	Th ppm	Sn ppm	W ppm	U ppm	Yb ppm	Zn ppm	Zr ppm
L- 79 -80HN	0.82	2410	6	21	91800	101	-89	1120	5	280	-10	8	1610	-100	4	420	12	-10	-99	-54	94	28	-35	-19	0.27	22	-120	13	240	-960	14	142	120	-200	76400
L- 80 -80HN	0.26	-25	9	15	9600	120	-150	1500	-5	-250	-50	23	1860	-500	3	590	17	-10	-220	-110	162	34	-50	-25	-0.25	28	-100	18	286	-2100	-10	160	130	-1000	86000
L- 81 -80HN	0.37	160	15	18	15000	99	-150	2100	-5	-250	-50	17	2840	-500	3	920	22	-25	-100	-100	184	56	-50	-25	-0.25	40	-210	22	489	-1000	25	265	210	-2600	120000
L- 82 -80HN	0.31	-25	8	10	111000	120	-160	1800	-5	-250	-50	-10	1990	-500	-3	580	16	-10	-100	-50	141	37	-50	-25	-0.25	34	-100	13	317	-1000	17	180	140	-1000	85000
L- 83 -80HN	0.28	-68	11	-10	7600	120	-180	3100	-5	-250	-50	38	2630	-500	-3	1100	19	-22	-230	-140	230	48	-50	-25	-0.25	53	-100	28	558	-2000	22	253	190	-3600	120000
# of Samples	5.00																																		
Maximum	0.82	2410	15	21	111000	120	-89	3100	5	280	-10	38	2840	-100	4	1100	22	-10	-99	-50	230	56	-35	-19	0.27	53	-100	28	558	-960	25	265	210	-200	120000
Minimum	0.26	-68	6	-10	7600	99	-180	1120	-5	-250	-50	-10	1610	-500	-3	420	12	-25	-230	-140	94	28	-50	-25	-0.25	22	-210	13	240	-2100	-10	142	120	-3600	76400
Average	0.41	490	10	11	47000	112	-146	1924	-3	-144	-42	15	2186	-420	1	722	17	-15	-150	-91	162	41	-47	-24	-0.15	35	-126	19	378	-1412	14	200	158	-1680	97480
Std Dev	0.21	963	3	11	44896	10	30	672	4	212	16	16	469	160	3	249	3	7	61	34	45	10	6	2	0.21	11	43	6	123	522	12	50	35	1237	18688

Sample Number	Wt grams	Au ppb	Sb ppm	As ppm	Ba ppm	Br ppm	Cd ppm	Ce ppm	Cs ppm	Cr ppm	Co ppm	Eu ppm	Hf ppm	Ir ppb	Fe %	La ppm	Lu ppm	Mo ppm	Ni ppm	Rb ppm	Sm ppm	Sc ppm	Se ppm	Ag ppm	Na %	Ta ppm	Te ppm	Tb ppm	Th ppm	Sn ppm	W ppm	U ppm	Yb ppm	Zn ppm	Zr ppm
L- 79 -80HP	5.81	-5	17	134	3300	77	-29	1230	2	300	110	4	37	-100	38	588	1	8	140	-29	44	43	-10	-10	0.07	12	-20	4	115	-200	24	11	12	800	2000
L- 80 -80HP	2.06	-16	16	69	350	40	-53	1820	-3	410	83	-8	130	-100	33	1090	2	-5	-97	-55	66	52	-25	-19	-0.05	13	-56	6	228	-640	13	20	14	-890	6400
L- 81 -80HP	2.59	18	35	158	550	74	-51	1070	4	490	84	-5	53	-100	37	610	1	9	210	-45	48	42	-21	25	0.15	11	-50	4	169	-560	37	22	13	260	3200
L- 82 -80HP	1.91	22	29	179	2200	95	-69	1140	-3	400	87	-7	140	-100	35	585	1	16	-92	50	52	50	-25	-18	-0.05	9	-64	5	165	-680	15	25	18	570	6500
L- 83 -80HP	1.41	-20	24	112	1300	77	-66	1960	-3	560	77	-11	67	-100	32	991	2	-6	-120	66	76	62	-31	-24	-0.12	18	-110	5	243	-830	13	24	19	800	4300
# of Samples	5																																		
Maximum	5.81	22	35	179	3300	95	-29	1960	4	560	110	4	140	-100	38	1090	2	16	210	66	76	62	-10	25	0.15	18	-20	6	243	-200	37	25	19	800	6500
Minimum	1.41	-20	16	69	350	40	-69	1070	-3	300	77	-11	37	-100	32	585	1	-6	-120	-55	44	42	-31	-24	-0.12	9	-110	4	115	-830	13	11	12	-890	2000
Average	2.76	0	24	130	1540	73	-54	1444	0	432	88	-5	85	-100	35	773	1	4	8	-3	57	50	-22	-9	0	13	-60	5	184	-582	20	20	15	308	4480
Std Dev	1.57	17	7	38	1094	18	14	370	3	88	11	5	42	0	2	221	0	9	138	50	12	7	7	18	0.1	3	29	1	46	210	9	5	3	631	1766

Heavy mineral separates and weights prepared by CF Mineral Research Ltd.
Samples analyzed by INAA by Becquerel Laboratories Inc.
Batch # T94-00471.0, T94-00554.0, T94-00555.0, T94-00584.0.
Results for samples with very low weights should be taken as semi-quantitative.
Samples with high U may have artificially elevated Sm results.

RITZ-LEWIS SPRING AREA-LEACH MTNS RECON PROJECT-STREAM SEDIMENT ANALYSES

Sample Numbe	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	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 %	Al %	Ca %	Fe %	K %	Mg %	Na %
L79-01	10	0.0	6	2	0	0	27	18	106	2	0	0	0.5	7	19	17	0	29	470	0.5	10	10	530	1160	4	54	0.05	1.92	0.85	1.91	0.47	0.50	0.00
L79-02	0	0.0	2	0	0	0	26	10	76	1	0	0	0.5	8	16	14	0	30	310	0.5	0	10	555	700	4	48	0.06	1.80	0.45	1.88	0.44	0.39	0.00
L79-03	1	0.0	6	0	0	0	25	16	86	1	0	0	0.5	7	14	13	0	28	310	0.5	0	10	560	680	4	48	0.05	1.75	0.50	1.83	0.44	0.38	0.00
L79-04	0	0.0	8	2	0	0	24	14	72	1	0	2	0.5	8	16	14	0	31	310	0.5	10	20	540	740	4	44	0.06	1.84	0.36	1.96	0.40	0.38	0.00
L79-05	0	0.0	4	0	0	0	22	14	62	1	0	0	0.0	8	15	15	0	29	290	0.5	0	10	560	620	4	41	0.06	1.63	0.37	1.82	0.37	0.37	0.00
L79-06	0	0.0	6	0	0	0	24	14	64	1	0	0	0.0	7	16	15	0	33	260	0.5	0	10	455	590	4	38	0.06	1.66	0.35	1.91	0.36	0.34	0.00
L79-07	0	0.0	6	2	0	0	28	12	74	1	0	0	0.5	8	16	16	0	30	320	0.5	10	10	520	720	4	46	0.06	1.85	0.42	1.89	0.43	0.38	0.00
L79-08	0	0.0	8	0	0	0	25	16	72	1	0	0	0.5	8	17	15	0	33	320	0.5	0	20	555	630	4	40	0.07	1.88	0.34	1.88	0.37	0.37	0.00
L79-09	0	0.0	8	0	0	0	28	16	72	1	0	0	0.0	7	17	15	0	33	340	0.5	10	10	480	680	4	55	0.07	1.78	0.34	1.88	0.38	0.36	0.00
L79-10	1	0.0	18	0	0	0	34	18	78	1	0	0	0.0	8	17	18	0	38	360	0.5	0	10	445	610	4	45	0.06	1.75	0.42	1.95	0.43	0.38	0.01
L79-11	1	0.0	18	0	0	0	30	14	88	1	0	2	0.5	8	19	18	0	38	400	0.5	10	10	525	770	5	48	0.07	2.19	0.52	2.17	0.54	0.48	0.01
L79-12	0	0.0	10	0	0	0	27	12	98	1	0	0	0.5	7	18	16	0	32	310	0.5	10	20	515	820	5	42	0.06	2.11	0.53	2.01	0.50	0.46	0.00
L79-13	0	0.0	6	0	0	0	25	14	102	1	0	0	0.5	7	19	15	0	32	300	1.0	10	10	620	1440	5	46	0.05	2.49	1.09	2.04	0.56	0.79	0.00
L79-14	1	0.0	6	2	0	0	20	12	80	1	0	0	0.0	7	18	14	0	31	270	0.5	10	20	490	1250	4	49	0.05	2.37	1.63	1.97	0.54	0.79	0.00
L79-15	0	0.0	2	2	0	0	21	10	90	1	0	0	0.5	7	22	15	0	34	290	1.0	10	20	535	1860	5	45	0.04	2.42	1.13	2.03	0.53	0.75	0.00
L79-16	0	0.0	4	0	0	0	20	16	122	1	0	0	0.5	7	26	17	0	39	280	1.0	10	20	525	1820	5	60	0.06	2.76	2.08	2.23	0.47	0.83	0.01
L79-17	0	0.0	2	0	0	0	21	12	116	1	0	0	0.5	7	24	15	0	34	280	1.0	10	20	555	2150	5	49	0.05	2.57	1.36	2.13	0.54	0.76	0.01
L79-18	0	0.0	2	2	0	0	19	10	100	1	0	0	0.5	7	25	16	0	37	240	1.0	10	20	540	2470	5	54	0.03	2.56	2.20	2.21	0.45	0.83	0.00
L79-19	1	0.0	2	2	0	0	20	10	88	0	0	0	0.0	7	20	15	0	27	240	1.0	10	10	490	1960	5	59	0.02	2.24	1.91	1.91	0.48	0.77	0.01
L79-20	1	0.0	4	0	0	0	20	10	82	1	0	0	0.0	7	17	15	0	27	230	0.5	10	10	530	1620	4	48	0.02	1.95	1.04	1.95	0.42	0.66	0.00
L79-21	0	0.0	4	0	0	0	21	10	88	0	0	0	0.0	7	19	15	0	33	230	1.0	10	10	495	1780	5	56	0.04	2.33	1.45	2.14	0.47	0.73	0.01
L79-22	1	0.0	2	0	0	0	23	12	90	0	0	0	0.5	6	15	12	0	26	250	0.5	10	10	520	1390	4	52	0.05	2.01	0.88	1.69	0.53	0.60	0.00
L79-23	0	0.0	0	2	0	0	21	10	84	1	0	0	0.0	6	16	13	0	26	250	0.5	10	10	555	1730	4	55	0.05	2.26	1.07	1.84	0.56	0.73	0.01
L79-24	1	0.0	0	0	0	0	26	14	82	1	0	0	0.5	7	16	13	0	27	260	0.5	10	20	650	1010	4	47	0.06	2.06	0.57	1.75	0.50	0.51	0.01
L79-25	1	0.0	0	2	0	0	24	12	82	1	0	0	0.5	6	15	14	0	26	290	0.5	0	10	530	1090	4	45	0.04	1.80	0.64	1.74	0.48	0.48	0.00
L79-26	1	0.0	4	0	0	0	29	16	90	1	0	0	0.5	6	15	14	0	30	340	0.5	0	10	510	870	4	48	0.05	1.78	0.57	1.79	0.43	0.40	0.00
L79-27	1	0.0	8	0	0	0	32	20	108	1	0	0	0.5	7	15	15	0	32	340	0.5	10	10	590	900	4	47	0.05	1.80	0.53	1.88	0.43	0.39	0.00
L79-28	1	0.0	8	2	0	0	28	12	76	1	0	0	0.5	7	16	16	0	33	380	0.5	0	10	515	740	4	49	0.05	1.81	0.50	1.85	0.42	0.37	0.00
L79-29	1	0.0	8	2	0	0	28	14	72	1	0	0	0.0	7	17	17	0	34	400	0.5	10	10	470	700	4	48	0.05	1.86	0.50	1.88	0.41	0.38	0.00
L79-30	0	0.0	10	0	0	0	26	14	72	1	0	0	0.0	8	19	18	0	37	390	0.5	10	20	560	690	5	46	0.06	2.21	0.48	2.00	0.44	0.41	0.00
L79-31	0	0.0	4	0	0	0	26	12	82	1	0	0	0.0	8	19	15	0	32	280	0.5	10	20	610	880	5	42	0.07	2.16	0.50	2.03	0.51	0.49	0.00
L79-32	1	0.0	6	0	0	0	25	12	80	1	0	0	0.0	7	17	15	0	28	280	0.5	10	10	555	1180	4	44	0.05	1.85	0.60	1.90	0.45	0.47	0.00
L79-33	0	0.0	4	0	0	0	17	12	74	1	0	0	0.0	7	17	12	0	30	280	1.0	10	20	570	1490	4	60	0.04	2.17	1.94	1.95	0.42	0.73	0.01
L79-34	1	0.0	0	0	0	0	20	12	82	1	0	2	0.0	8	18	14	0	32	290	1.0	10	20	620	1470	5	60	0.05	2.51	1.35	2.16	0.49	0.82	0.01
L79-35	2	0.0	6	2	0	0	21	12	78	1	0	2	0.0	8	20	15	0	33	310	1.5	10	20	610	1710	6	72	0.04	2.73	3.37	2.14	0.42	0.93	0.01
L79-36	1	0.0	0	2	0	0	17	10	66	0	0	0	0.0	7	21	13	0	36	270	1.0	10	20	460	1280	4	68	0.03	2.40	2.53	2.03	0.39	0.72	0.00
L79-37	1	0.0	0	2	0	0	23	14	90	1	0	0	0.0	8	22	15	0	31	290	1.0	10	20	555	1930	5	55	0.03	2.69	1.90	2.14	0.52	0.88	0.00
L79-38	1	0.0	2	0	0	0	21	10	88	1	0	0	0.5	7	21	15	0	31	260	1.0	10	20	510	1890	5	51	0.03	2.52	1.59	2.06	0.52	0.81	0.00
L79-39	2	0.0	2	2	0	0	23	12	92	1	0	0	0.0	7	19	15	0	28	280	1.0	10	10	605	1600	5	50	0.04	2.78	1.23	2.15	0.60	0.87	0.00
L79-40	0	0.0	2	2	0	0	21	12	84	1	0	0	0.0	7	17	15	0	29	260	1.0	10	10	580	1520	5	51	0.05	2.69	1.02	2.11	0.57	0.83	0.00
L79-41	2	0.0	2	0	0	0	22	12	86	0	0	0	0.5	7	18	15	0	29	300	1.0	10	20	685	1440	5	55	0.05	2.85	1.08	2.21	0.62	0.91	0.00
L79-42	1	0.0	6	0	0	0	20	14	74	1	0	0	0.0	7	17	14	0	28	280	1.0	10	20	745	1340	4	50	0.07	2.59	0.84	1.96	0.58	0.78	0.00
L79-43	1	0.0	0	2	0	0	20	10	74	1	0	0	0.0	6	15	13	0	24	260	1.0	10	20	655	1280	4	50	0.05	2.34	0.90	1.86	0.55	0.74	0.01
L79-44	0	0.0	0	0	0	0	21	12	82	1	0	0	0.0	6	16	14	0	27	230	0.5	10	20	680	1430	5	53	0.06	2.36	0.86	2.05	0.55	0.71	0.01
L79-45	1	0.0	0	2	0	0	18	14	84	1	0	0	0.5	8	30	15	0	48	290	1.0	10	20	530	2250	5	84	0.05	3.20	3.88	2.29	0.37	1.02	0.00
L79-46	1	0.0	4	2	0	0	19	14	88	1	0	0	0.0	8	30	15	0	49	290	1.0	10	20	575	2220	5	67	0.06	3.15	2.98	2.29	0.40	0.96	0.00
L79-47	1	0.0	6	2	0	0	18	12	80	1	0	2	0.5	7	26	14	0	44	280	1.0	10	10	445	1570	5	94	0.04	3.10	6.75	2.10	0.39	0.98	0.00
L79-48	2	0.0	6	2	0	0	17	10	78	1	0	0	0.5	8	25	14	0	48	290	1.0	10	10	445	1460	5	86	0.05	2.92	5.28	2.23	0.41	0.92	0.00
L79-49	1	0.0	2	2	0	0	18	8	74	1	0	0	0.5	7	22	14	0	40	270	1.0	10	10	445	1400	5	84	0.05	2.87	4.78	2.06	0.45	0.91	0.00
L79-50	0	0.0	4	2	0	0	18	12	72	1	0	2	0.5	8	23	14	0	43	290	1.0	10	10	500	1560	5	97	0.04	2.72	5.69	2.06	0.41	0.90	0.00
L79-51	1	0.0	2	2	0	0	24	12	90	1	0	0	0.5	8	22	16	0	34	270	1.5	10	20	605	1520	6	57	0.07	3.22	2.06	2.35	0.55	0.99	0.00
L80-01	0	0.0	0	2	0	0	16	8	64	1	0	0	0.0	6	17	12	0	33	290	1.0	10	10	485	1190	4	154	0.05	2.68	3.19	1.87	0.49	0.91	0.00
L81-01	1	0.0	6	2	0	0	20	10	74	1	0	0	0.0	7	16	15	0	26	220	1.0	10	10	490	1330	5	65	0.02	2.52	2.36	1.94	0.52	0.84	0.00
L81-02	1	0.2	6	2	0	0	23	12	92	1	0	0	0.5	8	22	16	0	33	210	1.0	10	10	645	1920	6	69	0.04	3.29	2.35	2.35	0.62	1.11	0.00
L81-03	2	0.0	2	2	0	0	24	12	100	1	0	0	0.5	7	18	16	0	29	230	1.0	10	10	645	1480	5	48	0.05	2.51	0.82	2.08	0.60	0.77	0.00
L81-04	1	0.0	4	2	0	0	19	14	76	1	0	0	0.5	4	12	10	0	21	240	0.5	10	10	480	1790	3	111	0.04	1.90	2.20	1.36	0.58	0.76	0.01
L81-05	0	0.0	2	2	0	0	20	10	90	1	0	0	0.5	6	18	16	0	26	240	1.0	10	10	545	1770	4	47	0.04	2.52	1.07	1.96	0.54	0.86	0.00
L81-06	1	0.0	6	0	0	0	23	14	90	1	0	0	0.0	6	16	15	0	25	230	0.5	10	10	620	1780	4	47	0.04	2.17	0.99	1.93	0.51	0.73	0.00

RITZ-LEWIS SPRING AREA-LEACH MTNS RECON PROJECT-STREAM SEDIMENT ANALYSES

Sample Numbe	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	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 %	Al %	Ca %	Fe %	K %	Mg %	Na %
L81-07	1	0.0	6	2	0	0	24	12	96	1	0	0	0.5	7	18	16	0	28	280	0.5	10	10	630	1850	5	52	0.04	2.27	1.05	2.03	0.54	0.70	0.00
L81-08	1	0.0	6	2	0	0	18	12	92	1	0	0	0.5	6	19	18	0	28	450	0.5	0	10	510	1600	4	56	0.02	2.05	1.66	1.74	0.44	0.62	0.00
L81-09	1	0.0	6	0	0	0	25	12	108	2	0	0	0.5	7	25	19	0	31	290	0.5	10	10	630	1980	5	51	0.05	2.13	1.03	2.00	0.50	0.57	0.00
L81-10	0	0.0	10	0	0	0	30	14	98	1	0	0	0.5	7	17	17	0	34	330	0.5	0	10	560	980	4	45	0.06	1.79	0.47	1.94	0.43	0.39	0.00
L81-11	0	0.0	8	2	0	0	30	18	108	1	0	0	0.5	6	14	14	0	29	330	0.5	0	10	565	960	4	46	0.05	1.54	0.54	1.77	0.39	0.36	0.00
L81-12	1	0.0	8	0	0	0	32	16	90	1	0	0	0.5	7	16	16	0	36	340	0.5	0	10	510	930	4	45	0.06	1.69	0.48	1.91	0.40	0.36	0.00
L81-13	1	0.0	12	2	0	0	30	14	68	1	0	0	0.0	7	16	18	0	38	470	0.5	0	10	405	720	4	44	0.06	1.73	0.40	1.93	0.39	0.36	0.00
L81-14	2	0.0	12	2	0	0	31	16	62	1	0	0	0.0	6	14	17	0	33	380	0.5	0	10	390	650	4	55	0.04	1.62	0.51	1.71	0.37	0.37	0.01
L81-15	1	0.0	10	0	0	0	30	18	76	2	0	0	0.5	7	17	13	0	35	320	0.5	0	10	480	700	4	45	0.07	1.68	0.36	1.83	0.39	0.36	0.01
L81-16	0	0.0	12	0	0	0	32	18	100	2	0	0	0.5	6	18	17	0	38	320	0.5	0	10	510	1210	4	46	0.06	1.68	0.44	1.88	0.37	0.32	0.00
L81-17	1	0.0	8	2	0	0	30	14	110	2	0	0	1.0	8	20	19	0	37	320	0.5	0	20	615	1270	5	46	0.08	1.96	0.50	2.05	0.42	0.39	0.00
L81-18	0	0.0	6	0	0	0	29	14	112	2	0	0	0.5	7	21	19	0	39	260	0.5	10	10	520	1180	5	48	0.08	2.15	0.58	2.10	0.48	0.44	0.00
L81-19	1	0.0	8	0	0	0	33	20	138	2	0	2	1.5	8	19	17	0	34	290	0.5	10	10	700	1330	5	54	0.07	2.15	0.71	2.08	0.49	0.47	0.00
L81-20	0	0.0	6	2	0	0	29	16	116	2	0	0	0.5	7	19	18	0	37	320	0.5	10	10	605	1150	5	55	0.08	2.07	0.63	2.04	0.44	0.42	0.01
L81-21	1	0.0	8	2	0	0	26	14	68	1	0	0	0.0	7	15	18	0	35	290	0.5	0	10	500	840	4	54	0.07	1.62	0.68	1.83	0.43	0.36	0.00
L81-22	0	0.0	10	2	0	0	32	18	120	1	0	0	1.0	7	20	17	0	38	310	0.5	10	20	645	1110	5	50	0.08	2.24	0.56	2.16	0.53	0.47	0.00
#	74																																
Max	10	0.2	18	2	0	0	34	20	138	2	0	2	1.5	8	30	19	0	49	470	1.5	10	20	745	2470	6	154	0.08	3.29	6.75	2.35	0.62	1.11	0.01
Min	0	0.0	0	0	0	0	16	8	62	0	0	0	0.0	4	12	10	0	21	210	0.5	0	10	390	590	3	38	0.02	1.54	0.34	1.36	0.36	0.32	0.00
Avg	1	0.0	5	1	0	0	24	13	87	1	0	0	0.3	7	19	15	0	33	298	0.7	7	14	549	1302	5	56	0.05	2.23	1.35	1.98	0.47	0.63	0.00
Std	1	0.0	4	1	0	0	5	3	15	0	0	1	0.3	1	4	2	0	6	54	0.3	4	5	70	471	1	18	0.01	0.45	1.30	0.17	0.07	0.22	0.00

Sample sieved to -1/4" in field; -150 mesh fraction analyzed
Samples analyzed by Chemex Labs Ltd., Certificate A9637882
Au analysis = 30 g NAA, 1 ppb detection limit
All other elements = ICP-AES

RITZ AREA-LEACH MTNS RECON PROJECT-DRILL HOLE ASSAYS

Sample Number	Au ppb	Au opt	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppm
RZR-2-5	14	0.000	2	7	30	89	0.1	7	1	90	0.35	5	5	2	2	256	0.5	2	2	13	16.51	0.18	9	48	4.73	516	0.01	6	0.18	0.01	0.06	1	2	1
RZR-2-10	24	0.001	2	2	18	79	0.2	6	1	67	0.27	6	5	2	2	234	0.4	2	2	13	11.16	0.19	8	52	4.61	981	0.01	5	0.09	0.01	0.05	1	2	1
RZR-2-15	31	0.001	3	6	6	76	0.6	10	2	55	0.41	5	5	2	1	113	0.9	2	2	8	4.78	0.08	4	86	2.04	2145	0.01	3	0.12	0.01	0.05	1	2	1
RZR-2-20	21	0.001	3	6	7	43	0.3	8	2	64	0.39	4	5	2	1	88	0.9	2	2	7	8.33	0.04	3	31	3.43	2036	0.01	2	0.11	0.01	0.06	1	2	1
RZR-2-25	<7	0.000	3	7	4	21	0.1	10	2	93	0.38	5	5	2	3	84	0.5	2	2	8	14.57	0.03	2	27	6.48	1550	0.01	3	0.12	0.01	0.07	1	2	1
RZR-2-30	10	0.000	3	6	6	18	0.1	6	1	77	0.27	4	5	2	2	77	0.3	2	2	11	14.58	0.07	2	20	6.48	814	0.01	3	0.09	0.01	0.05	1	2	1
RZR-2-35	7	0.000	3	8	4	17	0.1	11	2	88	0.48	6	5	2	2	78	0.4	2	2	10	14.97	0.04	2	20	5.19	624	0.01	6	0.13	0.01	0.08	1	2	1
RZR-2-40	7	0.000	4	7	5	12	0.1	9	1	82	0.31	4	5	2	2	77	0.2	2	3	11	15.69	0.05	2	18	5.71	451	0.01	4	0.10	0.01	0.06	1	2	1
RZR-2-45	<7	0.000	7	8	5	13	0.1	14	2	88	0.57	6	5	2	3	73	0.4	2	2	11	15.15	0.04	2	21	5.81	417	0.01	5	0.15	0.01	0.09	1	2	1
RZR-2-50	10	0.000	4	6	7	13	0.1	9	1	86	0.31	4	5	2	2	65	0.3	2	2	10	15.15	0.05	2	17	5.82	297	0.01	4	0.10	0.01	0.06	1	2	1
RZR-2-55	10	0.000	3	26	5	21	0.1	7	1	87	0.22	6	5	2	2	65	0.3	2	2	7	16.69	0.02	2	18	6.13	195	0.01	5	0.08	0.01	0.04	1	2	1
RZR-2-60	17	0.000	3	8	4	12	0.1	11	1	86	0.52	11	5	2	3	58	0.3	7	2	7	13.93	0.04	2	16	4.82	400	0.01	5	0.14	0.01	0.09	1	2	1
RZR-2-65	7	0.000	3	8	2	17	0.1	7	2	86	0.48	8	5	2	3	60	0.2	4	2	5	12.51	0.08	3	41	2.96	418	0.01	4	0.16	0.01	0.09	1	2	1
RZR-2-70	7	0.000	2	9	3	15	0.1	9	1	75	0.50	6	5	2	2	47	0.3	3	2	7	10.64	0.09	2	32	3.54	217	0.01	5	0.14	0.01	0.07	1	2	1
RZR-2-75	<7	0.000	2	7	2	23	0.1	9	2	83	0.42	7	5	2	2	64	0.3	2	2	10	15.42	0.13	3	33	5.84	198	0.01	4	0.13	0.01	0.07	1	2	1
RZR-2-80	10	0.000	2	6	2	32	0.1	7	2	79	0.39	6	5	2	2	62	0.5	2	2	8	14.43	0.23	6	30	5.73	214	0.01	4	0.16	0.01	0.08	1	2	1
RZR-2-85	27	0.001	4	12	7	33	1.3	12	3	78	0.70	7	5	2	2	35	0.4	3	2	6	5.52	0.09	2	64	1.63	770	0.01	5	0.18	0.01	0.09	1	2	1
RZR-2-90	10	0.000	3	11	4	28	0.5	12	3	74	0.61	3	5	2	2	82	0.5	2	2	7	10.25	0.07	2	28	2.02	1103	0.01	5	0.15	0.01	0.09	1	2	1
RZR-2-95	10	0.000	4	14	13	23	0.1	11	2	87	0.58	4	5	2	3	67	0.6	4	2	9	13.33	0.15	3	21	4.82	368	0.01	6	0.13	0.01	0.07	1	2	1
RZR-2-100	14	0.000	3	11	3	59	0.2	13	2	87	0.49	7	5	2	2	62	4.2	5	2	8	16.37	0.06	3	18	7.16	180	0.01	6	0.09	0.02	0.05	1	2	1
RZR-2-105	10	0.000	2	12	2	27	0.1	14	1	76	0.53	6	5	2	1	52	0.9	3	2	7	13.46	0.07	3	20	5.87	147	0.01	4	0.09	0.01	0.05	1	2	1
RZR-2-110	21	0.001	2	10	4	36	0.1	13	1	74	0.44	6	5	2	2	61	1.0	3	3	11	15.81	0.12	3	19	6.14	130	0.01	5	0.09	0.01	0.05	1	2	1
RZR-2-115	10	0.000	3	15	4	37	0.1	14	2	84	0.70	5	5	2	2	50	0.8	2	2	10	10.71	0.12	2	19	4.45	422	0.01	8	0.14	0.01	0.08	1	2	1
RZR-2-120	14	0.000	2	12	3	28	0.1	9	1	78	0.36	6	5	2	2	61	0.9	3	2	12	16.34	0.07	2	13	6.97	199	0.01	2	0.07	0.01	0.03	1	2	1
RZR-2-125	10	0.000	3	15	2	43	0.1	12	1	81	0.55	4	5	2	2	55	0.8	3	2	10	14.87	0.14	3	21	5.67	194	0.01	5	0.12	0.01	0.07	1	2	1
RZR-2-130	34	0.001	3	15	2	58	0.1	12	2	74	0.55	7	5	2	2	55	1.4	3	2	8	14.99	0.11	3	26	6.30	103	0.01	8	0.10	0.01	0.05	1	2	1
RZR-2-135	10	0.000	2	16	2	54	0.1	11	1	74	0.52	4	5	2	2	54	1.4	2	2	7	14.93	0.13	4	29	5.98	113	0.01	5	0.10	0.01	0.05	1	2	1
RZR-2-140	21	0.001	2	14	2	49	0.1	11	2	81	0.54	5	5	2	2	55	0.8	4	2	8	14.18	0.11	4	24	5.14	196	0.01	4	0.14	0.01	0.07	1	2	1
RZR-2-145	17	0.000	2	14	2	42	0.1	13	2	83	0.59	4	5	2	2	56	0.5	5	2	8	13.57	0.09	3	19	4.71	393	0.01	4	0.18	0.01	0.09	1	2	2
RZR-2-150	120	0.003	2	13	6	38	0.1	11	3	84	0.64	4	5	2	3	104	0.3	29	2	5	18.11	0.04	2	8	1.46	920	0.01	5	0.13	0.01	0.07	2	2	1
RZR-2-155	72	0.002	2	12	5	29	0.2	9	2	73	0.50	3	5	2	2	84	0.4	13	2	7	16.98	0.06	2	11	3.24	555	0.01	4	0.12	0.01	0.06	1	2	1
RZR-2-160	51	0.001	2	15	6	47	0.1	8	2	73	0.50	4	5	2	3	62	0.8	4	2	8	15.79	0.11	3	25	6.48	338	0.01	3	0.12	0.01	0.06	1	2	1
RZR-2-165	24	0.001	2	14	5	42	0.1	9	2	72	0.48	5	5	2	2	54	1.0	6	2	9	14.44	0.11	3	21	6.25	126	0.01	5	0.11	0.01	0.05	1	2	1
RZR-2-170	17	0.000	2	11	3	33	0.1	7	1	73	0.35	3	5	2	2	59	0.7	3	2	12	16.02	0.05	2	12	6.69	161	0.01	4	0.08	0.01	0.04	1	2	1
RZR-2-175	21	0.001	3	13	8	45	0.1	12	1	75	0.43	5	5	2	2	63	1.1	4	2	14	15.13	0.14	3	19	5.88	172	0.01	4	0.11	0.01	0.05	1	2	1
RZR-2-180	38	0.001	3	12	6	52	0.1	13	1	78	0.46	4	5	2	2	58	1.2	4	2	12	16.11	0.13	3	22	6.59	64	0.01	6	0.09	0.01	0.05	1	2	1
RZR-2-185	14	0.000	2	9	5	39	0.2	7	1	76	0.31	5	5	2	1	64	1.2	4	2	9	17.77	0.07	3	17	7.18	45	0.01	2	0.07	0.01	0.03	1	2	1
RZR-2-190	7	0.000	4	10	5	30	0.1	9	1	74	0.33	4	5	2	3	55	0.5	4	2	10	14.01	0.13	2	37	5.78	74	0.01	4	0.12	0.01	0.06	1	2	1
RZR-2-195	10	0.000	3	11	6	38	0.2	12	3	73	0.58	5	5	2	2	95	0.5	5	2	7	15.34	0.07	2	19	1.51	646	0.01	6	0.18	0.01	0.10	1	2	1
RZR-2-200	17	0.000	4	9	11	30	0.1	8	1	84	0.37	4	5	2	2	59	0.3	4	2	10	13.07	0.11	2	30	4.94	579	0.01	4	0.14	0.01	0.07	1	2	1
RZR-2-205	14	0.000	2	7	2	23	0.1	7	1	67	0.23	3	5	2	2	60	0.4	4	2	7	15.29	0.11	3	22	5.94	136	0.01	3	0.10	0.01	0.05	1	2	1
RZR-2-210	10	0.000	2	7	6	30	0.1	9	1	71	0.30	5	5	2	2	63	0.8	7	2	7	17.08	0.06	2	26	5.43	85	0.01	6	0.10	0.01	0.05	1	2	1
RZR-2-215	17	0.000	1	6	2	20	0.1	6	1	63	0.21	4	5	2	2	63	0.5	4	2	8	16.86	0.08	3	20	6.19	78	0.01	5	0.08	0.01	0.04	1	2	1
RZR-2-220	24	0.001	3	8	8	44	0.1	10	1	69	0.30	5	5	2	2	67	1.0	6	2	11	16.93	0.12	3	25	6.13	121	0.01	5	0.10	0.02	0.06	1	2	1
RZR-2-225	10	0.000	3	10	3	35	0.1	10	2	65	0.45	4	5	2	2	51	0.8	5	2	13	13.28	0.07	2	20	4.76	327	0.01	5	0.11	0.01	0.06	1	2	1
RZR-2-230	17	0.000	2	7	7	35	0.1	7	1	59	0.29	4	5	2	2	60	0.7	4	2	11	15.04	0.08	2	25	5.53	156	0.01	4	0.09	0.01	0.05	1	2	1
RZR-2-235	7	0.000	2	8	4	53	0.3	8	2	83	0.35	6	5	2	3	54	1.2	4	2	9	14.42	0.11	3	25	5.45	91	0.01	6	0.13	0.01	0.06	1	2	1
RZR-2-240	27	0.001	2	7	7	38	0.1	7	1	71	0.27	4	5	2	2	77	0.6	2	2	5	17.09	0.10	3	27	4.44	145	0.01	2	0.10	0.01	0.05	1	2	1
RZR-2-245	24	0.001	2	8	6	26	0.1	7	1	61	0.28	6	5	2	1	130	0.4	3	2	6	23.91	0.03	2	9	2.26	348	0.01	3	0.08	0.01	0.04	1	2	1
RZR-2-250	48	0.001	3	9	5	38	0.1	12	2	84	0.49	4	5	2	3	74	0.4	5	2	9	14.89	0.12	2	29	4.06	318	0.01	4	0.17	0.01	0.09	1	2	1
RZR-2-255	14	0.000	2	11	11	49	0.1	11	2	90	0.63	8	5	2	2	108	0.7	9	2	8	18.66	0.06	2	16	3.09	304	0.01	4	0.14	0.01	0.08	1	2	1
RZR-2-260	7	0.000	3	9	7	23	0.1	8	2	89	0.52	5	5	2	1	98	0.2	5	2	8	19.05	0.06	2	26	3.24	311	0.01	4	0.14	0.01	0.08	1	2	1
RZR-2-265	<7	0.000	2	8	2	30	0.1	8	1	87	0.37	3	5	2	2	62	0.4	4	2	8	15.36	0.10	3	21	4.87	489	0.01	3	0.14	0.01	0.07	1	2	1
RZR-2-270	<7	0.000	2	8	6	27	0.1	8	1	91	0.37	3	5	2	4	61	0.4	4	3	8	14.89	0.14	4	30	5.54	334	0.01	4	0.15	0.01	0.07	1	2	1
RZR-2-275	14	0.000	2	6	3	21	0.1	8	1	97	0.31	5	5	2	2	73	0.3	3	2	8	16.77	0.08	2	17	5.67	257	0.01	4	0.12	0.01	0.06	1	2	1
RZR-2-280	<7	0.000	3	11	6	21	0.1	8	2	108	0.49	5	6	2	3	66	0.2	3	2	9	15.10	0.10	2	17	6.06	144	0.01	6	0.12	0.01	0.06	1	2	1
RZR-2-285	7	0.000	3	12	6	21	0.1	8	1	107	0.48	5	5	2	3	57	0.4	2	2	8	14.15	0.12	3	21	5.83	106	0.01	5	0.12	0.01	0.06	1	2	1
RZR-2-290	<7	0.000	3	12	6	57	0.1	11	2	133	0.68	5	5	2	3	55	0.6	4	2	10	13.72	0.07	2	14	4.27	74	0.01	5	0.14	0.01	0.06	1	2	1
RZR-2-295	10	0.000	3	12	10	35	0.1	13	3	134	0.57	8	6	2	2	61	0.4	5	2	9	13.82	0.04	2	11	4.50	50	0.01	6	0.14	0.01	0.06	1	2	1
RZR-2-300	7	0.000	4	14	8	42	0.1	11	2	127	0.59	6	5	2	2	61	0.6	2	2	12	13.96	0.04	2	13	4.89	125	0.01	5	0.15	0.01	0.06	1	2	2
RZR-2-305	7	0.000	2	13	4	33	0.1	6	1	104	0.41	3	5	2	2	57	0.6	2	2	8	14.30	0.07	2	17	4.71	410	0.01	4	0.09	0.01	0.04	1	2	1
RZR-2-310	7	0.000	2	11	12	26	0.1	6	1	92	0.41	3	5	2	2	54	0.7	2	2	8	13.05	0.07	2	13	4.82	95	0.01	6	0.11	0.01	0.05	1	2	1
RZR-2-315	<7	0.000	2	11	3	29	0.1	7	1	97	0.32	3	5	2	2	58	0.9	2	2	14	14.40	0.12	2	15	4.81	57	0.01	4	0.11	0.01	0.05	1	2	1
RZR-2-320	10	0.000	3	11	10	36	0.1	6	1	104	0.37	3	5	2	2	55	0.8	2	2	13	15.34	0.09	2	14	4.78	37	0.01	5	0.09	0.01	0.04	1	2	1

RITZ AREA-LEACH MTNS RECON PROJECT-DRILL HOLE ASSAYS

Sample Number	Au ppb	Au opt	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppm
RZR-2-325	<7	0.000	2	11	4	33	0.1	7	1	97	0.39	4	5	2	1	60	0.5	3	2	10	15.51	0.06	2	12	5.12	25	0.01	4	0.11	0.01	0.05	1	2	1
RZR-2-330	<7	0.000	4	13	6	45	0.1	11	2	93	0.49	6	5	2	2	72	0.8	3	2	9	17.17	0.05	2	12	5.82	18	0.01	5	0.09	0.01	0.05	1	2	1
RZR-2-335	<7	0.000	3	12	8	40	0.1	9	1	89	0.39	4	5	2	2	61	0.8	4	2	10	14.59	0.07	2	13	4.83	25	0.01	6	0.09	0.01	0.05	1	2	1
RZR-2-340	10	0.000	2	11	6	38	0.1	7	1	96	0.34	5	5	2	1	70	0.8	3	2	12	16.29	0.06	2	12	5.25	34	0.01	4	0.08	0.01	0.04	1	2	1
RZR-2-345	7	0.000	4	16	7	40	0.1	11	2	96	0.64	5	5	2	2	48	0.9	5	2	10	11.31	0.05	2	15	4.40	34	0.01	6	0.13	0.01	0.06	1	2	1
RZR-2-350	10	0.000	3	11	4	35	0.1	8	1	102	0.41	4	5	2	1	48	0.7	4	2	9	14.64	0.03	2	12	6.83	22	0.01	5	0.12	0.01	0.05	1	2	1
RZR-2-355	<7	0.000	4	9	4	31	0.1	10	2	109	0.52	3	5	2	2	47	0.8	5	2	8	13.62	0.04	2	11	5.00	29	0.01	5	0.13	0.01	0.07	1	2	1
RZR-2-360	7	0.000	4	13	8	33	0.1	10	3	146	0.66	4	5	2	1	64	0.7	5	2	7	14.44	0.05	2	10	2.98	35	0.01	6	0.15	0.01	0.06	1	2	1
RZR-2-365	<7	0.000	4	11	2	34	0.1	10	2	156	0.61	5	5	2	1	88	0.4	4	2	5	20.82	0.04	2	5	0.70	17	0.01	5	0.10	0.01	0.03	1	2	1
RZR-2-370	7	0.000	3	8	15	21	0.1	9	2	157	0.54	4	5	2	1	72	0.2	3	2	8	16.88	0.05	2	20	2.53	38	0.01	4	0.14	0.01	0.05	1	2	1
RZR-2-375	7	0.000	3	10	3	23	0.1	7	2	162	0.48	4	5	2	2	72	0.3	2	2	8	15.65	0.05	2	12	2.82	24	0.01	6	0.16	0.01	0.05	1	2	1
RZR-2-380	7	0.000	4	10	5	32	0.1	10	2	151	0.65	2	5	2	2	67	0.4	2	2	6	14.58	0.05	2	18	1.64	24	0.01	8	0.18	0.01	0.06	1	2	1
RZR-2-385	10	0.000	5	10	8	37	0.1	11	3	159	0.66	5	5	2	1	88	0.4	2	2	6	18.25	0.04	2	12	0.89	17	0.01	7	0.17	0.01	0.06	1	2	1
RZR-2-390	24	0.001	4	10	5	35	0.1	10	3	163	0.71	3	5	2	1	85	0.3	3	2	6	19.00	0.05	2	19	0.94	28	0.01	7	0.17	0.01	0.06	1	2	1
RZR-2-395	<7	0.000	3	8	4	23	0.1	8	1	148	0.46	3	5	2	1	85	0.2	2	2	5	19.98	0.04	2	10	0.69	18	0.01	4	0.12	0.01	0.05	1	2	1
RZR-2-400	7	0.000	4	10	7	32	0.1	12	3	176	0.81	5	5	2	2	55	0.3	2	2	5	15.20	0.04	3	25	0.95	21	0.01	7	0.20	0.01	0.07	1	2	1
RZR-2-405	<7	0.000	4	14	7	43	0.2	15	4	181	0.89	5	5	2	3	43	0.6	2	2	6	13.16	0.05	5	16	0.95	27	0.01	9	0.21	0.01	0.08	1	2	1
RZR-2-410	<7	0.000	4	14	120	55	0.1	9	2	180	0.59	4	5	2	1	79	0.4	2	3	5	21.50	0.04	2	18	1.06	34	0.01	4	0.15	0.01	0.06	1	2	1
RZR-2-415	<7	0.000	3	13	75	45	0.1	9	3	130	0.56	2	5	2	2	75	0.2	2	2	7	14.81	0.06	2	29	1.70	303	0.01	5	0.13	0.01	0.05	2	2	1
RZR-2-420	<7	0.000	2	12	35	39	0.1	6	1	110	0.39	3	5	2	1	76	0.4	2	2	6	12.49	0.12	2	48	2.45	73	0.01	4	0.12	0.01	0.03	2	2	1
RZR-2-425	7	0.000	2	11	21	40	0.1	7	1	100	0.33	2	5	2	1	88	0.7	2	2	8	12.52	0.11	2	26	3.45	65	0.01	5	0.11	0.01	0.03	2	2	1
RZR-2-430	10	0.000	4	13	16	39	0.1	12	3	113	0.69	4	5	2	2	70	0.8	2	2	8	9.39	0.10	2	46	2.80	63	0.01	8	0.18	0.01	0.08	1	2	1
RZR-2-435	7	0.000	5	18	24	45	0.2	22	4	124	1.14	4	5	2	2	57	1.1	2	2	11	7.34	0.10	2	37	2.05	90	0.01	11	0.26	0.01	0.13	1	2	1
RZR-2-440	<7	0.000	4	11	23	35	0.1	10	2	117	0.47	2	5	2	2	93	0.4	2	2	10	16.35	0.07	2	32	2.96	33	0.01	8	0.14	0.01	0.07	1	2	1
RZR-2-445	<7	0.000	2	14	42	50	0.3	8	1	105	0.44	3	5	2	2	115	0.8	2	2	9	13.50	0.05	2	23	3.89	153	0.01	6	0.11	0.01	0.05	1	2	1
RZR-2-450	<7	0.000	4	19	72	45	0.2	14	3	103	0.87	6	5	2	2	70	0.6	2	2	7	8.12	0.07	2	71	2.32	110	0.01	9	0.22	0.01	0.10	2	2	1
RZR-2-455	<7	0.000	3	20	22	32	0.1	13	4	109	0.97	3	5	2	2	53	0.6	2	2	6	6.99	0.11	2	49	2.11	49	0.01	9	0.24	0.01	0.10	1	2	1
RZR-2-460	7	0.000	3	14	9	29	0.1	13	3	107	0.84	5	8	2	2	67	0.6	2	2	8	8.15	0.06	2	53	2.70	90	0.01	10	0.21	0.01	0.10	1	2	1
RZR-2-465	7	0.000	2	18	10	29	0.1	12	2	98	0.68	3	5	2	2	84	0.4	2	2	6	8.01	0.09	2	44	2.60	475	0.01	8	0.13	0.01	0.06	1	2	1
RZR-2-470	10	0.000	3	16	9	27	0.1	9	2	101	0.67	4	5	2	1	69	0.3	2	2	5	8.89	0.06	2	81	1.74	146	0.01	5	0.09	0.01	0.04	1	2	1
RZR-2-475	<7	0.000	2	22	11	42	0.1	11	2	117	0.71	4	5	2	1	109	0.7	2	2	12	11.32	0.12	2	19	2.56	243	0.01	8	0.09	0.01	0.04	2	2	1
RZR-2-480	<7	0.000	4	22	9	40	0.1	12	2	118	0.86	5	5	2	1	101	1.0	2	2	13	9.72	0.15	2	24	2.79	212	0.01	7	0.09	0.01	0.04	3	2	1
RZR-2-485	<7	0.000	3	20	31	43	0.1	10	2	107	0.68	5	5	2	1	85	1.0	2	2	12	11.84	0.12	2	20	3.17	73	0.01	16	0.09	0.01	0.04	2	2	1
RZR-2-490	<7	0.000	4	18	11	46	0.3	15	3	128	0.96	6	5	2	2	133	0.9	2	2	10	14.06	0.08	2	21	3.45	75	0.01	11	0.13	0.01	0.07	3	2	1
RZR-2-495	<7	0.000	3	14	7	34	0.1	10	2	123	0.60	3	5	2	2	143	0.7	2	2	9	17.40	0.06	2	19	6.36	103	0.01	8	0.11	0.01	0.06	1	2	1
RZR-2-500	<7	0.000	3	12	5	41	0.1	8	2	105	0.42	3	5	2	2	130	0.9	2	2	10	16.83	0.05	2	19	6.67	72	0.01	9	0.06	0.01	0.03	1	2	1
RZR-2-505	7	0.000	3	12	5	42	0.2	10	1	107	0.44	4	5	2	1	122	0.8	2	2	9	17.79	0.08	2	19	7.24	66	0.01	6	0.07	0.01	0.03	1	2	1
RZR-2-510	<7	0.000	2	10	5	36	0.3	7	1	122	0.32	12	5	2	1	113	0.8	2	2	8	19.17	0.05	2	17	7.16	212	0.01	6	0.05	0.01	0.02	1	2	1
RZR-2-515	<7	0.000	3	16	4	32	0.3	12	2	129	0.74	5	5	2	2	90	0.7	2	3	8	13.47	0.05	2	19	4.87	47	0.01	11	0.11	0.01	0.06	3	2	1
RZR-2-520	10	0.000	2	16	5	37	0.4	16	3	140	0.93	8	5	2	2	104	0.7	2	2	10	11.86	0.08	2	20	4.00	123	0.01	10	0.12	0.01	0.07	3	2	1
RZR-2-525	7	0.000	2	12	5	35	0.1	8	1	117	0.45	2	5	2	2	140	0.7	2	2	9	15.95	0.07	2	19	6.13	92	0.01	7	0.06	0.01	0.03	1	2	1
# of drill samples		105																																
Maximum	120	0.003	7	26	120	89	1.3	22	4	181	1.14	12	8	2	4	256	4.2	29	3	14	23.91	0.23	9	86	7.24	2145	0.01	16	0.26	0.02	0.13	3	2	2
Minimum	<7	0.000	1	2	2	12	0.1	6	1	55	0.21	2	5	2	1	35	0.2	2	2	5	4.78	0.02	2	5	0.69	17	0.01	2	0.05	0.01	0.02	1	2	1
Average	12	0.000	3	11	10	36	0.1	10	2	99	0.51	5	5	2	2	76	0.6	3	2	9	14.45	0.08	2	24	4.36	262	0.01	6	0.12	0.01	0.06	1	2	1
Std Dev	16	0.000	1	4	16	13	0.1	3	1	28	0.18	2	0	0	1	32	0.4	3	0	2	3.22	0.04	1	14	1.81	361	0.00	2	0.04	0.00	0.02	0	0	0

Au analysis by Chem Assay, Fire 1- AT
All other elements by ICP-AES - Acme file 91-3978

RITZ-LEWIS SPRING AREA-LEACH MTNS RECON PROJ-1991-96 ROCK SAMPLE ASSAYS

Sample Number	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	U ppm	V ppm	Ba ppm	Be ppm	Ga ppm	La ppm	Mn ppm	P ppm	Sc ppm	Sr ppm	Ti %	Al %	Ca %	Fe %	K %	Mg %	Na %
P4- 230	0	0.000	0.2	4	2	0	0	4	4	6	0	0	0	0.0	1	125	8	0	15	1450	0.0	0	0	95	810	1	97	0.00	0.16	8.04	0.46	0.08	0.07	0.00
P4- 231	0	0.000	0.0	22	0	0	0	7	2	6	6	0	0	0.0	1	314	6	0	21	90	0.0	0	0	130	700	0	27	0.00	0.11	0.76	0.61	0.01	0.05	0.00
P4- 232	0	0.000	0.0	4	2	0	0	4	0	22	1	0	0	0.0	1	319	6	0	5	70	0.0	0	10	115	5350	0	51	0.00	0.06	2.24	0.41	0.00	0.03	0.01
P4- 233	0	0.000	0.0	4	0	0	0	2	0	90	0	10	0	0.5	0	37	3	10	20	40	0.0	10	0	210	5730	0	137	0.00	0.15	15.00	0.71	0.04	0.21	0.03
P4- 234	0	0.000	0.0	10	0	0	0	8	6	10	0	10	0	0.0	1	27	3	0	16	100	0.0	0	0	295	1610	1	63	0.00	0.24	15.00	0.71	0.09	0.32	0.01
P4- 235	0	0.000	0.2	8	2	0	0	5	0	22	2	0	0	0.0	2	339	7	0	7	200	0.0	0	0	130	4470	0	79	0.00	0.08	1.39	0.40	0.00	0.05	0.00
P4- 236	0	0.000	0.0	92	6	0	0	13	0	128	26	0	0	0.0	2	238	39	0	28	290	0.0	0	0	55	3040	1	54	0.00	0.37	0.75	2.60	0.09	0.06	0.00
P4- 251	0	0.000	0.0	10	2	0	0	3	2	28	0	10	0	0.0	1	20	3	0	16	30	0.0	10	0	120	1340	0	99	0.00	0.16	15.00	0.54	0.05	0.40	0.01
P4- 252	0	0.000	0.0	38	6	0	0	3	2	50	2	0	0	0.0	2	267	8	0	12	30	0.0	0	0	50	4380	0	39	0.00	0.16	1.68	0.48	0.06	0.13	0.00
P4- 253	0	0.000	0.0	0	2	0	0	2	0	32	3	0	0	0.0	1	247	9	0	9	940	0.0	0	0	140	2760	0	62	0.00	0.09	2.17	0.37	0.00	0.50	0.00
P4- 259	0	0.000	0.0	120	12	0	0	7	2	38	3	0	0	0.0	1	358	18	0	28	40	0.0	0	0	80	5940	1	43	0.00	0.20	2.65	0.88	0.08	0.07	0.01
P4- 260	0	0.000	0.2	2	0	0	0	2	0	26	4	0	0	0.0	0	281	7	0	6	30	0.0	0	10	45	5790	0	59	0.00	0.16	3.51	0.41	0.02	0.42	0.01
P4- 261	0	0.000	0.0	4	0	0	0	4	0	36	2	0	0	0.0	0	333	8	0	7	490	0.0	0	0	85	2420	0	56	0.00	0.15	3.15	0.74	0.03	0.60	0.01
P4- 262	0	0.000	0.0	0	0	0	0	4	0	26	1	0	0	0.0	1	291	7	0	2	80	0.0	0	0	45	820	0	53	0.00	0.04	4.02	0.37	0.00	0.24	0.01
1995 Samples																																		
P5-194	0	0.000	0.0	14	2	1	0	3	0	44	3	0	2	0.5	0	142	31	0	21	1500	0.0	0	0	120	8080	0	157	0	0.12	7.81	0.34	0.06	1.96	0.01
P5-195	0	0.000	0.0	6	0	0	0	4	0	14	3	0	0	0.0	0	244	28	0	10	310	0.0	0	0	65	2670	0	75	0	0.05	4.64	0.33	0.02	0.92	0.00
P5-196	0	0.000	0.0	0	0	0	0	4	0	4	5	0	0	0.0	0	344	54	0	6	70	0.0	0	0	50	1460	0	35	0	0.04	0.45	0.45	0.01	0.02	0.00
P5-197	0	0.000	0.0	2	0	0	0	5	0	10	6	0	0	0.0	0	334	60	0	10	60	0.0	0	0	60	1370	0	26	0	0.08	0.57	0.53	0.02	0.03	0.00
P5-198	0	0.000	0.0	2	0	0	0	7	0	6	8	0	0	0.0	0	426	64	0	6	170	0.0	0	0	60	1780	0	37	0	0.08	0.40	0.64	0.02	0.01	0.00
P5-199	0	0.000	0.0	0	0	1720	0	4	0	4	7	0	0	0.0	0	392	57	0	5	700	0.0	0	0	60	1960	0	59	0	0.06	0.55	0.49	0.01	0.01	0.00
P5-200	0	0.000	0.0	34	4	9	0	9	2	46	10	0	0	0.5	0	329	39	0	36	200	0.0	0	0	75	3770	0	124	0	0.23	1.17	1.11	0.08	0.09	0.00
P5-201	35	0.001	0.0	16	2	3	0	8	2	22	6	0	0	0.0	2	408	58	0	25	290	0.0	0	0	60	6070	1	63	0	0.27	1.43	0.76	0.12	0.02	0.00
P5-202	0	0.000	0.0	160	12	31	0	30	4	132	21	0	0	1.0	1	262	46	0	208	1370	0.0	0	0	110	1530	1	65	0	0.43	0.35	6.37	0.18	0.07	0.00
P5-203	0	0.000	0.2	1085	52	63	0	8	2	60	100	0	0	1.5	3	292	54	0	50	770	0.0	0	0	85	320	0	37	0	0.26	0.15	3.25	0.11	0.04	0.00
P5-204	0	0.000	0.0	2	0	0	0	6	0	12	7	0	0	0.0	0	407	46	0	5	390	0.0	0	0	85	2010	0	50	0	0.06	0.68	0.46	0.01	0.02	0.00
P5-205	0	0.000	0.0	0	0	4	0	6	0	10	7	0	0	0.0	0	425	54	0	6	2440	0.0	0	0	110	1450	0	58	0	0.09	0.72	0.55	0.02	0.03	0.00
P5-206	0	0.000	0.0	16	0	1	0	6	4	12	5	0	0	0.0	0	286	34	0	26	470	0.0	0	0	110	1410	0	34	0	0.25	0.65	0.64	0.06	0.08	0.00
P5-207	0	0.000	0.0	2	0	0	0	7	2	20	6	0	0	0.0	1	334	30	0	20	120	0.0	0	0	110	5260	0	56	0	0.38	1.29	0.64	0.13	0.06	0.00
1996 Samples																																		
P6-110	0	0.000	0.0	30	0	0	0	21	6	94	1	0	0	0.5	2	179	12	0	17	1120	0.0	0	0	50	380	1	44	0.00	0.34	0.48	1.24	0.16	0.16	0.00
P6-111	0	0.000	0.0	18	0	0	0	20	16	126	2	0	0	0.5	2	147	24	0	29	2730	0.0	0	0	40	580	0	72	0.00	0.37	0.29	1.12	0.14	0.03	0.00
P6-112	25	0.001	0.0	256	0	0	0	20	6	8	1	0	0	0.0	3	194	16	0	13	1350	0.0	0	0	30	540	1	36	0.00	0.39	0.17	1.11	0.23	0.04	0.00
P6-113	0	0.000	0.0	16	0	0	0	26	6	34	7	0	0	0.0	2	185	19	0	35	380	0.0	0	0	30	680	0	141	0.00	0.30	0.12	1.17	0.16	0.02	0.00
P6-114	0	0.000	0.0	12	2	0	0	27	6	32	6	0	0	0.0	2	184	26	0	40	380	0.0	0	0	70	1050	1	53	0.00	0.36	0.42	1.14	0.18	0.04	0.00
P6-115	0	0.000	0.0	16	0	0	0	9	12	14	1	0	2	2.0	0	51	15	0	27	2660	0.0	0	0	180	990	1	146	0.00	0.26	10.90	0.72	0.16	0.08	0.00
P6-116	0	0.000	0.0	4	0	0	0	12	12	32	4	0	0	0.0	1	241	16	0	22	510	0.0	0	0	80	970	0	35	0.00	0.29	0.31	0.95	0.15	0.03	0.00
P6-117	0	0.000	0.0	12	0	0	0	11	10	10	1	0	0	0.0	1	187	14	0	21	170	0.0	0	0	60	630	0	90	0.00	0.27	3.00	0.83	0.15	0.04	0.00
P6-118	0	0.000	0.0	8	0	0	0	11	4	44	1	0	0	0.0	3	177	20	0	18	490	0.0	0	0	40	270	1	17	0.00	0.27	0.19	1.61	0.17	0.04	0.00
P6-119	0	0.000	0.2	26	0	0	0	9	2	10	8	0	0	0.0	3	174	9	0	81	180	0.0	0	0	35	690	1	22	0.00	0.33	0.04	5.08	0.19	0.01	0.00
P6-133	5	0.000	0.0	8	0	1	0	6	0	0	1	0	0	0.0	1	241	7	0	14	200	0.0	0	0	25	260	0	33	0.00	0.28	0.05	0.65	0.12	0.03	0.00
P6-134	0	0.000	0.0	22	0	0	0	22	2	0	2	0	0	0.0	4	237	17	0	15	1120	0.0	0	0	110	680	0	51	0.00	0.24	0.39	1.65	0.09	0.04	0.00
P6-135	0	0.000	0.0	10	0	0	0	11	0	42	1	0	0	0.0	4	142	14	0	26	190	0.0	0	0	45	480	1	26	0.00	0.50	0.29	2.37	0.17	0.13	0.00
P6-136	0	0.000	0.0	8	0	1	0	15	2	0	1	0	0	0.0	3	180	21	0	59	220	0.0	0	0	130	860	1	22	0.00	0.88	0.29	4.04	0.21	0.13	0.00
P6-137	0	0.000	0.0	10	0	0	0	14	2	0	1	0	0	0.0	1	241	16	0	21	200	0.0	0	0	45	1090	1	63	0.00	0.38	0.25	0.97	0.15	0.04	0.00
P6-138	0	0.000	0.0	8	0	0	0	10	0	0	0	0	0	0.0	3	177	14	0	15	340	0.0	0	0	40	460	1	19	0.00	0.45	0.16	1.08	0.21	0.06	0.00
# Samples	102																																	
Maximum	151	0.004	5.8	2626	200	1720	2	79	70	3352	456	170	4	56.5	24	432	82	60	599	2860	0.0	50	20	1165	10000	3	476	0.01	0.99	15.00	15.00	0.31	5.23	0.05
Minimum	0	0.000	0.0	0	0	0	0	1	0	0	0	0	0	0.0	0	20	3	0	2	10	0.0	0	0	15	120	0	6	0.00	0.03	0.04	0.16	0.00	0.01	0.00
Average	5	0.000	0.2	76	6	23	0	14	4	112	12	3	0	0.9	2	237	22	1	39	547	0.0	1	1	106	2113	1	73	0.00	0.23	2.78	2.10	0.08	0.25	0.00
Std Dev	19	0.001	0.7	300	22	171	0	16	10	392	52	18	1	5.7	3	99	19	7	84	659	0.0	5	3	129	2260	1	65	0.00	0.16	3.95	3.08	0.07	0.61	0.01

1991 Samples - Au analyses by ChemAssay, ICP analyses by Acme Analytical Labs - Certificate 91-3978
1994, 1995, & 1996 Samples analyzed by Chemex Labs - Certificates A9421138, A9422651, A9518701, A9630832, A9639143
Au analysis = 30 g FA-AAS
All other elements = ICP-AES

EXPLANATION

Tertiary	Ts	Salt Lake Formation
	Tc	Conglomerate
Jurassic	Jd	Ninemile Mountain Diorite
Permian	Pge	Gerster Limestone
	Pmm	Murdock Mountain Formation
	Pgr	Grandeur Formation
	Ptc	Trapper Creek Formation

SYMBOLS

- Contact
- High-angle Fault
- Low-angle Fault
- Jasperoid
- Bedding

N

Scale 1" = 1,000'

0 ft 500 ft 1000 ft 1500 ft 2000 ft

Grid based on Nevada coordinate system east zone.

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

NORTHERN LEACH MOUNTAINS

Ninemile Mountain Area

Elko County, Nevada

GEOLOGY

DATE	SCALE	MAP BY	
Jan 21, 1997	1:12,000	FWL	PLATE I

ITEM 22

EXPLANATION

°P5-123 Rock Sample Location

Au in ppb

N

Scale 1"=1,000'

0 ft 500 ft 1,000 ft 1,500 ft 2,000 ft

Grid based on Nevada coordinate system east zone.

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

NORTHERN LEACH MOUNTAINS

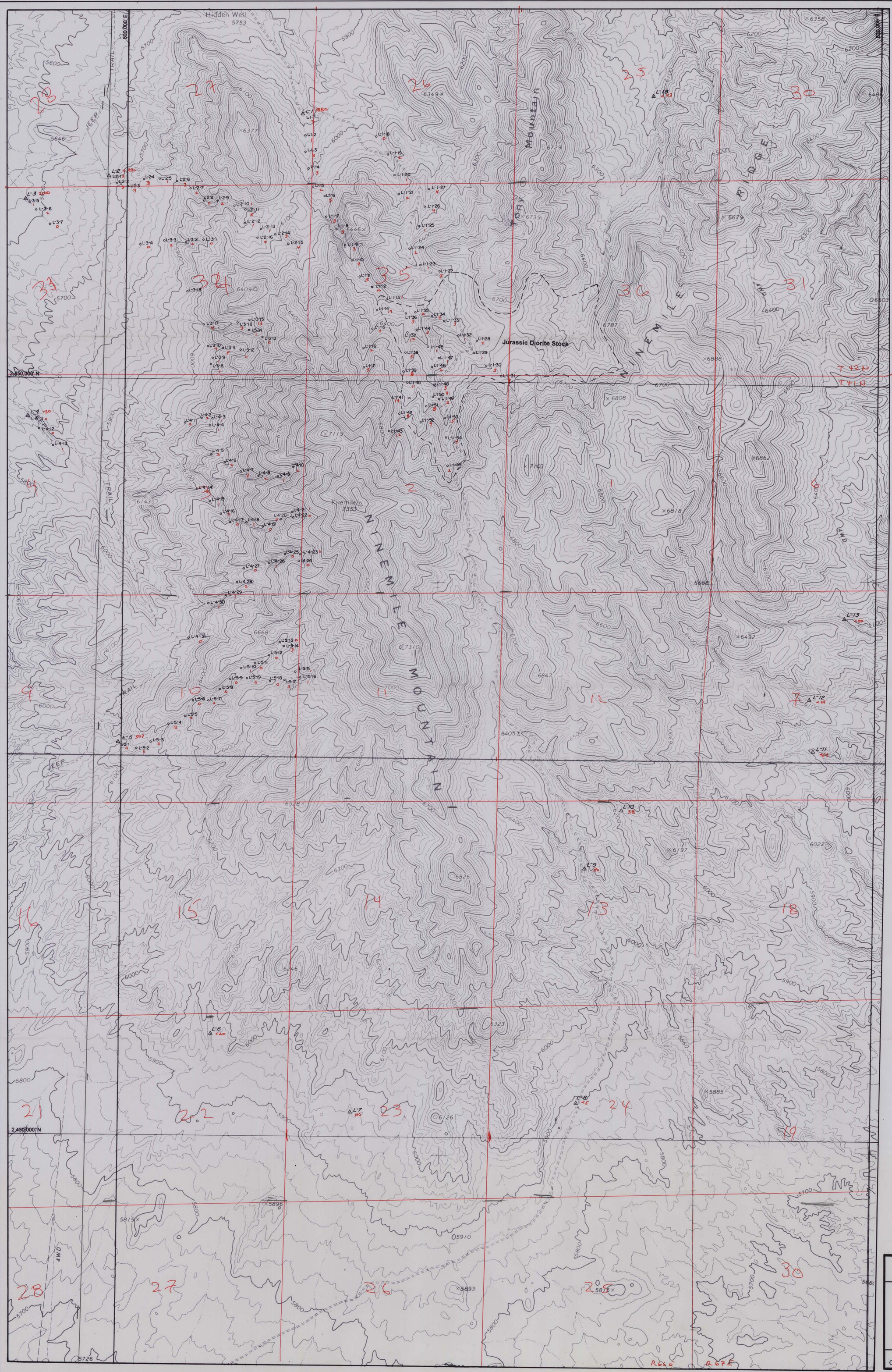
Ninemile Mountain Area

Elko County, Nevada

ROCK SAMPLE LOCATION MAP

DATE	SCALE	MAP BY	
Oct 28, 1996	1:12,000	FWL	PLATE 2

ITEM 22



EXPLANATION

L-3 Heavy Mineral Sample Location
Au in ppb in -80HN

L-2-3 Stream Sediment Sample Location
Au in ppb

N

Scale 1"=1,000'
0 ft 500 ft 1,000 ft 1,500 ft 2,000 ft

Grid based on Nevada coordinate system east zone.

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

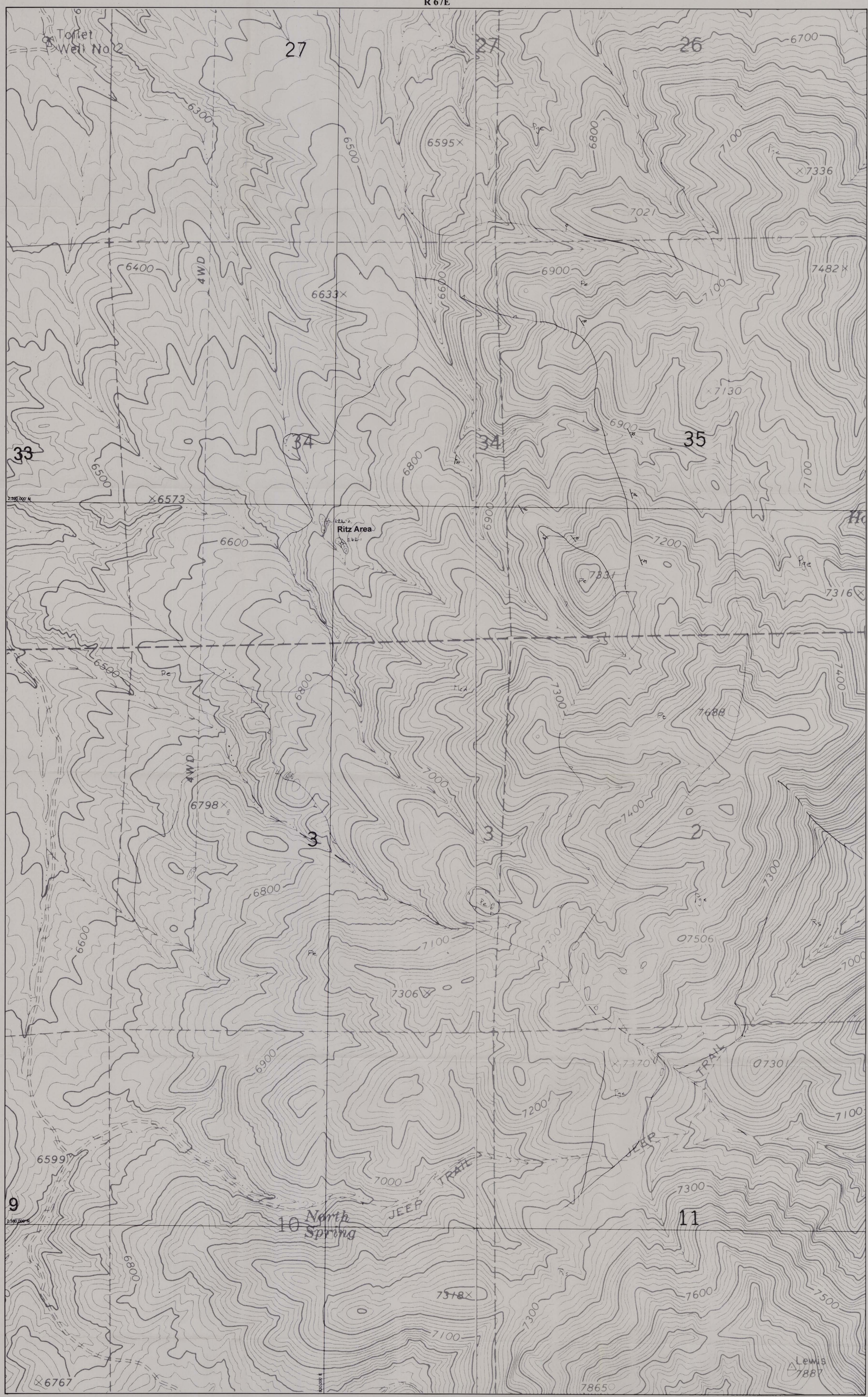
NORTHERN LEACH MOUNTAINS
Ninemile Mountain Area

Elko County, Nevada

SEDIMENT SAMPLE LOCATION MAP

DATE	SCALE	MAP BY	
Oct 28, 1996	1:12,000	FWL	PLATE 3

ITEM 22



R 67 E

EXPLANATION

Tertiary	Ts	Salt Lake Formation
Triassic	TRs	Thaynes Formation
Permian	Pe	Ely Group
	Pge	Gerster Limestone
Mississippian	Mcd	Chainman-Diamond Peak Formations

SYMBOLS

- Contact
- High-angle Fault
- Low-angle Fault
- Jasperoid
- Bedding
- Drill Hole

N

SCALE: 1"=500'

0 500 1000 1500 2000

FEET

Grid based on Nevada coordinate system east zone

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

RITZ-LEWIS SPRING PROSPECT

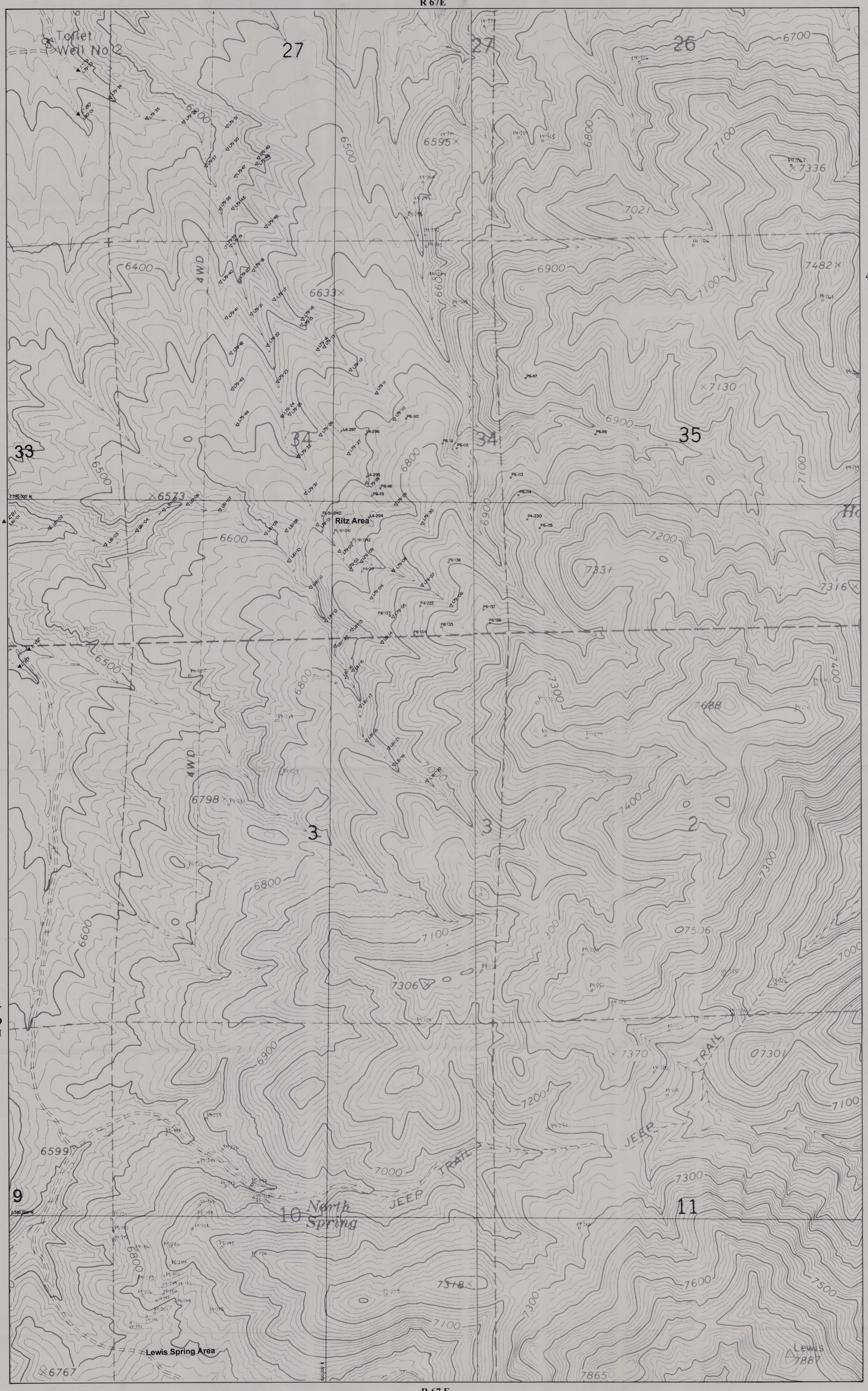
Elko County, Nevada

GEOLOGY

DATE	SCALE	MAP BY	PLATE
Jan 21, 1997	1:6,000	JLP	4

R 67E

T 40 N



T 39 N

R 67 E

EXPLANATION

- ○ Rock Sample Location
- ▲ Heavy Mineral Sample Location
- △ Stream Sediment Sample Location

N

SCALE: 1"=500'

0 500 1000 1500 2000

FEET

Grid based on Nevada coordinate system east zone

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

RITZ-LEWIS SPRING PROSPECT

Elko County, Nevada

SAMPLE LOCATION MAP

DATE	SCALE	MAP BY	PLATE
Jan 21, 1997	1:6,000	JLP	5

ITEM 22