RE: 8730 40-8027
PDR/LPDR

RETURN TO 396-SS

SEQUOYAH FUELS CORPORATION

POST OFFICE BOX 25861 • OKLAHOMA CITY, OKLAHOMA 73125

May 1, 1987

FEDERAL EXPRESS

Leland V. Rouse, Chief
Uranium Fuel Licensing Branch
Division of Fuel Cycle & Material Safety
Office of Nuclear Material Safety & Safeguards
United States Nuclear Regulatory Commission
Willste Building
7915 Eastern Avenue
Silver Spring, Maryland 20910

RE: License SUB-1010
Docket 40-8027
1986 Fertilizer Completion Report

Dear Mr. Rouse:

Attached are eight (8) copies of the 1986 fertilizer completion report describing the application of facility produced ammonium nitrate as a nitrogen fertilizer on Sequoyah Fuels Corporation (SFC) lands near Gore, Oklahoma. In accordance with License SUB-1010 requirements, the report describes the 1986 fertilizer program and results obtained from the comprehensive soil, water and vegetation monitorng program.

Ammonium nitrate fertilizer and commercial plant food supplements were applied to SFC owned lands at the Sequoyah Facility, Rabit Hill and at George's Fork in accordance with recommendations by Dr. Billy Tucker. The improved pasture lands were used for grazing and hay production.

If you require further information, please contact me at your earliest convenience.

Sincerely,

John C. Stauter

John C. Stauter, Director
Nuclear Licensing &
Regulation

JCS:ms

Attachments (8) as stated
cc: R. Martin, U.S. NRC-Region IV

NOT REQUIRED

A SUBSIDIARY OF KERR-McGEE CORPORATION

8705130254 870501
PDR ADOCK 04008027
B PDR

28154

DOCKET NO. 40-8027
CONTROL NO. 28154
DATE OF DOC. 05/01/87
DATE RCVD. 05/05/87
FCUF ✓ PDR ✓
FCAF _____ LPDR _____
I&E REF. ✓
SAFEGUARDS _____
FCTC _____ OTHER _____
DATE 5/5/87 INITIAL CEC

A F F I D A V I T

STATE OF OKLAHOMA
COUNTY OF OKLAHOMA

SS: License SUB-1010; Docket 40-8027
RE: 8730
1986 Completion Report
Sequoyah Facility
May 1, 1987

I, James G. Randolph, President, Sequoyah Fuels Corporation, hereby attest that the facts contained in the attached documents are accurate to the best of my knowledge.

James G. Randolph, President
Sequoyah Fuels Corporation

Subscribed and sworn before me on this 1st day of May, 1987.

Sylvia Foster
Notary Public

My Commission Expires:

May 20, 1988

AMMONIUM NITRATE FERTILIZER PROGRAM

1986 COMPLETION REPORT

LICENSE SUB-1010

DOCKET 40-8027

SEQUOYAH FACILITY
SEQUOYAH FUELS CORPORATION

GORE, OKLAHOMA

May 1, 1987

AMMONIUM NITRATE FERTILIZER PROGRAM
LICENSE SUB-1010; DOCKET 40-8027
1986 COMPLETION REPORT

INTRODUCTION

Amendment 17 to source material license SUB-1010, issued to Sequoyah Fuels Corporation (SFC), June 30, 1982, authorized the application of nitrogen fertilizer produced from neutralized, barium treated raffinate on SFC owned or controlled lands for crops which are not used directly as human food. Examples of use of this nitrogen fertilizer for plant utilization are livestock forage and seed production.

Amendment 26 was issued on February 16, 1984, and modified the sampling and analytical requirements specified in Conditions 5, 6, and 7 of Amendment 17. The Sequoyah Facility renewal license of September 20, 1985, incorporated these conditions and added a new condition that uranium in the ammonium nitrate solution product must be no more than 0.1 ppm for application as a nitrogen fertilizer.

In accordance with Condition 12 of License Amendment 17, the following completion report describes the results of the 1986 nitrogen fertilizer application program.

APPLICATION AREAS

Facility produced ammonium nitrate fertilizer was applied in 1986 to Sequoyah Fuels owned lands adjacent to the Sequoyah Facility and company owned land near Warner, Oklahoma. Application areas at the facility in 1986 were the 270 and 885 acre plots. Areas near Warner included the Rabbit Hill lands and the Georges Fork Ranch. The Georges Fork Ranch was purchased in 1986 by Sequoyah Fuels Corporation and comprises 7660 acres of pasture area.

The 160 acre test plot near the facility, consisting of five provinces, was withdrawn from the application program in 1985. This area had been utilized for storage pond construction and construction related activities. Monitoring of soils, vegetation and groundwater in these areas is continuing. The Rabbit Hill acreage replaced the 160 acres as a test plot.

No new storage tanks were erected at any of the application areas. Two existing storage tanks at Rabbit Hill were removed for use at the SFC facility raffinate treatment area. The other tanks at Rabbit Hill have been surplused and will be removed from the property.

Georges Fork Ranch monitoring data, although not required by license condition, are provided in this report as additional program support.

AMMONIUM NITRATE APPLICATION

Pre-growing season soil samples rom Sequoyah and Rabbit Hill test acreages were taken in the spring of 1986 and analyzed. From these sampling results, nitrogen application rates were established by Dr. Billy B. Tucker, Oklahoma State University agronomist and soil scientist. Soils from the Georges Fork Ranch were taken to establish baseline. Dr. Tucker reviewed these results and established a maximum 400 pounds per acre application limit for nitrogen for all three areas (Sequoyah, Rabbit Hill, and Georges Fork). All applications were in accordance with Dr. Tucker's recommendations.

The facility produced liquid ammonium nitrate fertilizer was distributed by two methods in 1986. Application to the timber strip areas and more rugged terrain was done with a 2200 gallon Ag-Chem AG-GATOR. The gently rolling pasture areas received application from 6000 gallon semi-tankers equipped with spray headers. The tanker discharge flows were calibrated and travel speeds adjusted to achieve the proper nitrogen application rate. Applications began in April and ended in September. A total of 11.8 million gallons were applied. Product ammonium nitrate fertilizer stored in Ponds 3E and 6 was used for the 1986 program with composite samples collected and analyzed for each application sequence. The average chemical composition of the fertilizer solution is presented in Table 1. A summary of the areas and nitrogen application rates for 1986 is given in Table 2.

Transport of the fertilizer to Rabbit Hill and the Georges Fork Ranch, located approximately 10 miles west of the Sequoyah Facility, was by dedicated semi-tanker. Upon arrival at the acreage, the solution was loaded directly to the AG-GATOR for immediate application or was applied immediately by the transport vehicle itself. Application was made likewise for the Sequoyah areas. The storage tanks at Rabbit Hill were not used during the year.

COMMERCIAL FERTILIZER SUPPLEMENT APPLICATION

Commercial fertilizer supplements were applied during 1986 at rates established from the 1985 post application season soil analyses. These commercial plant food supplements were applied according to Dr. Tucker's recommendations and consisted of phosphate, potassium, lime, and a blend of sulfur, potassium and magnesium (K-Mag). K-Mag application provided the 1986 potassium needs in areas where forage was to be harvested at Sequoyah, Rabbit Hill, and Georges Fork. Sulfur was not applied at the Georges Fork Ranch acreage for the 1986 season due to the late application of lime and base line soils pH being slightly acidic.

Sequoyah Fuels Corporation purchased the phosphate supplement from IMC Florida operations where they process their product through an uranium extraction step. The chemical analyses of the commercial fertilizers applied are provided in Table 3. The facility nitrogen fertilizer compares favorably, on a pound per pound dry basis, with the trace constituents found in the commercial products. Only the elements molybdenum (Mo) and nickel (Ni) were present in concentrations greater than those naturally present in the commercial supplements applied to the acreage.

Commercial fertilizer application rates for the Sequoyah, Rabbit Hill, and Georges Fork Ranch acreages are presented in Tables 4 and 5. The commercial fertilizer supplements were applied by a commercial vendor.

PROGRAM ENVIRONMENTAL MONITORING RESULTS

1. Soil

Pre-season and post-season soil sampling was conducted at Rabbit Hill and Sequoyah Facility acreages. Baseline soil samples were taken at the Georges Fork Ranch to provide a pre-application reference. Pre-season (1986) soil sampling results provided the basis for Dr. Tucker's 1986 recommendations for nitrogen application. Post-season (1985) sample results provided the basis for other plant supplement application recommendations. The 1986 pre-growing season analyses are provided in Tables 6 and 7 for Sequoyah and Rabbit Hill acreages, respectively. Soil samples were taken for the top six inches of soil and the interval from six inches to twelve inches. The results show no consistent concentration trends with depth.

Baseline soil analyses for Georges Fork Ranch are given in Tables 8A through 8E.

Post-season soil sampling was done in November of 1986 and results are provided in Tables 9, 10, and 11 for Sequoyah, Rabbit Hill, and Georges Fork acreages respectively.

In addition to pre- and post-season sampling, soil nitrate (NO_3-N) levels were determined between individual fertilizer applications (those areas projected to receive more than 200 pounds N per acre) to assess nitrogen utilization and ensure compatibility with forage uptake and growing season conditions.

2. Water

Surface water samples were taken and analyzed for the Sequoyah acreage 160- and 270-acre runoff retention ponds (NPDES Outfalls 002 and 003 respectively) and Farm Ponds 1, 2, and 3 on the 270 acre plot. The results are provided in Table 12. No significant changes in concentrations of monitored constituents were evidenced during the growing season period. Nitrate levels

were noted to be highest in April prior to the growing season when runoff would carry nitrate released from dead vegetation to the collection ponds. The November sample nitrate levels were slightly elevated over the historical concentration for the period due to the excessive rains in October. Nitrates were well below the 10 mg/l action level limit in all cases.

Groundwater at the Sequoyah acreage was sampled from monitor wells FTP-1A through FTP-4A and FTP-5 through FTP-7 on the 160-acre plot and 270-1 through 270-3 on the 270-acre plot. The results are provided in Table 13.

Monitor wells FTP-2A and 3A exhibited elevated nitrate levels. This is believed to be due to poor well completion at the time of installation and the influence of surface run-off contamination down the outside of the casing. Three additional investigative wells were installed around FTP-2A using the latest standards for well construction and completion. All nitrate levels in these new wells (2B, 2C, 2D) were below the action limit of 10 mg/l, lending further support to the determined faulty completion of FTP-2A. FTP-3A continues to demonstrate a reduced nitrate level trend over the last few years since application in the area has stopped.

The wells on the 270-acre plot showed no upward trends for monitored constituents. Well 270-1 showed above background nitrate levels in April and June. However, as stagnant water in the well was bailed down, allowed to recover and sampled, the resample showed the nitrate (NO_3-N) to be 1.9 mg/l; the ammonia (NH_4-N) was <0.2 mg/l, indicating constituent concentrations in the formation to be well within appropriate limits.

Seven monitor wells were sampled and one surface water sample was obtained at Rabbit Hill during the 1986 application season. These monitoring results are given in Table 14. All nitrate levels were below the 10 mg/l action level.

Five monitor wells were installed at Georges Fork Ranch in June of 1986. General well site locations were selected by Dr. Billy Tucker, based upon soil types. Final location and completion requirements were determined by the Kerr-McGee Corporate Hydrology Department. Monitor well MR-1 was installed in a control plot which is to receive only commercial fertilizer products, not SFC ammonium nitrate. Four additional wells were established on areas where SFC ammonium nitrate was to be applied. All analyses were below the action limit of 10 mg/l nitrate. The baseline monitor well sampling results are provided in Table 15 and growing season monitor well sample results are provided in Table 16.

Dr. Tucker selected the monitored Georges Fork acreage testing areas based upon soil types identified on the property. The farm ponds collecting run-off from these monitored areas were sampled during the application season. The baseline data from

these 16 runoff sample locations are given in Table 17. The growing season monitoring data from these locations are provided in Table 18.

3. Vegetation

Forage samples were collected prior to each hay cutting and evaluated in accordance with license requirements. Hay harvests were conducted when pasture growth reached 1 1/2 to 2 tons per acre. Analytical data for these cuttings from Sequoyah, Rabbit Hill, and Georges Fork acreages are provided in Tables 19, 20, and 21 respectively. All hay met the U.S. Nuclear Regulatory Commission release guidelines and was released to Kerr-McGee Ranching Division for unrestricted use or sale.

Georges Fork baseline forage samples were taken and are provided in Tables 22A through 22C. Additional control forage samples were taken from an individual's ranch in Webbers Falls which had received commercial fertilizer application only. A control sample was also taken at the Georges Fork Ranch from an area not receiving SFC ammonium nitrate. These data are provided in Table 23.

FORAGE MANAGEMENT PROGRAM

Hay harvest began in May and continued with cutting through late fall depending upon vegetation growth yields. Summer hay production consisted chiefly of Bermuda grass. Sequoyah, Rabbit Hill, and Georges Fork areas were overseeded with rye in the fall to provide winter growth. Approximately 800 head of cattle were placed on the Georges Fork Ranch in late fall to graze on the winter pasture. This year-round crop and ranch management program will continue to be an important component of the agricultural program.

Weather conditions did not permit controlled burning prior to the fall overseeding.

1987 program

The 1987 fertilizer application program includes continued agricultural and environmental management of fertilizer application to maximize nitrogen utilization by plants and forage production. Oklahoma State University agronomist Dr. Billy Tucker continues to provide program oversight and recommendations for overall program enhancement. The 1987 program application and sampling schedule is provided in Figure 1.

The cumulative application totals, in pounds per acre, for the constituents present in Sequoyah fertilizer are presented in Attachment 1.

TABLE 1

Average Concentrations of Elements in Ammonium Nitrate Fertilizer Solution

(Average of 2 composites each)

ELEMENT	SEQUOYAH	RABBIT HILL	RANCH
As, ppm	0.850	0.900	0.825
B, ppm	0.845	1.165	1.645
Ba, ppm	0.37	0.225	0.255
Cd, ppm	0.035	0.045	0.0475
Co, ppm	0.445	0.445	0.4575
Cr, ppm	0.05	0.05	0.05
Cu, ppm	6.400	6.400	6.525
Fe, ppm	0.090	0.095	0.075
Hg, ppm	0.0031	0.00545	0.0022
Mg, ppm	123.5	119.0	129.0
Mn, ppm	7.900	8.200	8.975
Mo, ppm	7.690	5.950	8.300
N, ppm	21,750	22,430	21,500
Ni, ppm	13.500	13.500	14.000
Pb, ppm	0.105	0.100	0.150
Se, ppm	0.0770	0.0600	0.5375
U, ppm	0.0205	0.0075	0.00525
V, ppm	1.000	1.200	0.825
Zn, ppm	1.805	1.850	2.005
Ra-226s, pCi/l	0.165	0.280	0.345
Th-230, pCi/l	0.152	0.374	0.036
Alpha, pCi/l	<10	<10	<10

TABLE 2
AMMONIUM NITRATE FERTILIZER PROGRAM
1986 APPLICATION SUMMARY

	270 Acre		885 Acre		Rabbit Hill		Georges Fork-East		Georges Fork-West	
(Application No.)	1	2	1	2	1	2	1	2	1	2
Application Dates	May/Jun	Aug	May/Jun	Aug	Jun	Aug	Jul/Aug	Aug/Sep	Jul/Aug	Aug/Sep
Application Area (Acres)	235	220	633	254	473	241	2,918	2,290	3,144	1,995
Volume Applies (Gallons)	252,500	219,000	484,550	203,800	448,600	235,000	2,717,000	2,356,200	3,185,300	1,765,000
Average Nitrate (gN/l)	18.5	25	18.5	25	19	26	24	19	24	19
Total Nitrogen Applied (lbs/ac)	165	207	118	167	150	211	186	163	202	140

∞

0650E

TABLE 3
TYPICAL ANALYSIS
COMMERCIAL FERTILIZER AND AGRICULTURAL LIME
1986

	P_2O_5			K_2O			AGLIME		SUL-MAG	
	Seq.	R.H.	G.F.	Seq.	R.H.	G.F.	Seq./R.H.	G.F.	Seq.	R.H.
As, ppm	<1	<3	<5.5	<0.3	<0.3	<5.5	<5.5	<5.5	<1	<0.6
B, ppm	0.82	1.2	<1.2	2.0	1.4	<1.2	<1.2	<1.2	19	21
Ba, ppm	33	33	46.5	<0.9	<0.8	1.05	<1.0	<1.0	1.5	1.2
Cd, ppm	5.1	5.1	4.4	<0.3	<0.3	0.35	<1.0	<1.0	0.3	<0.3
Co, ppm	4.5	4.7	4.05	<1.0	<0.9	<1	<1.0	<1.0	<0.9	1.1
Cr, ppm	75	76	67.5	1.1	1	<0.9	<1.3	<1.3	<0.9	<0.9
Cu, ppm	5.6	6.1	4.65	3.2	3.1	3.3	<1.0	<1.0	1	5.8
Fe, ppm	15000	16000	15000	230	220	565	9.6	9.4	210	220
Hg, ppm	<0.05	<0.5	0.06	<0.05	<0.05	0.06	<0.05	<0.05	<0.05	<0.05
Mg, ppm	4000	4000	4400	870	820	1900	12	15	100000	99000
Mn, ppm	280	290	275	2.7	2.7	6.8	<0.5	<0.5	7.4	7.4
Mo, ppm	12	13	10.5	<5	<5	<5	<1.0	<1.0	<5	<5
Ni, ppm	18	19	11.5	<2	<2	<2	<3.5	<3.5	<2	11
Pb, ppm	5.4	7	12.5	0.8	0.7	5	<2.5	<2.5	<0.1	<0.1
Se, ppm	<0.3	<1	<1.1	<0.3	<0.3	0.2	<5.0	<5.0	<0.3	<0.6
V, ppm	130	130	130	<2	<2	<2	<1.2	<1.2	5	4
Zn, ppm	53	54	50	<0.6	<0.6	1.1	1.3	2.2	<0.6	19
U, ppm	92	90	71	0.31	0.06	<0.02	0.28	0.31	0.13	0.64
Alpha, pCi/g	220	230	210	<1	<1	<1	<10	<3	1.1	4.3
Ra-226, pCi/g	12.9	8.9	12.75	0.095	0.007	0.007	0.09	0.08	0.15	0.68
Th-230, pCi/g	79.9	81.5	82	0.005	0.031	0.014	0.12	0.16	0.051	0.14

Seq. = Sequoyah Facility Area
R.H. = Rabbit Hill
G.F. = Georges Fork Ranch

TABLE 4
SEQUOYAH PROPERTY APPLICATION
COMMERCIAL FERTILIZER AND AGRICULTURAL LIME
1986

AREA	ACRES	K_2O[1] LBS/AC	P_2O_5 LBS/AC	AG-LIME TONS/AC
885 AC PLOT				
I	51.86	40	20	0
II	12.6	40	30	2
III	54	40	30	2
IV	95.7	40	40	3.1
V	12.5	40	30	2
VI	23.6	40	30	2
VII	17.6	40	30	2
VIII	58	40	30	1.9
XI	30.3	40	20	0
XII	11.7	40	20	0
XIII	24	40	20	0
XV	12.5	50	40	0
XVI	15	50	40	0
XVII	91	40	20	0
XXIII	70	40	40	2.5
XXIIIS	28.9	40	40	2
XXIIIW	28.9	40	40	2
XXVII	27	40	20	0
XXV	103	40	30	0
270 AC PLOT				
270N	90.7	60	40	0
270S	99	50	40	0
270SW	12.8	50	40	0
BALLFIELD	11	70	30	4.2
270W	19	50	30	0
270SE	15.6	40	30	2
REMER	75	30	0	1

[1] NOTE - POTASSIUM REQUIREMENTS WERE MET BY USING K-MAG FOR OPEN PASTURE AREAS

TABLE 5
RABBIT HILL AND GEORGES FORK APPLICATION
COMMERCIAL FERTILIZER AND AGRICULTURAL LIME

AREA	ACRES	K_2O[1] LBS/AC	P_2O_5 LBS/AC	AG-LIME TONS/AC
Rabbit Hill				
RH-1	9	30	30	2.5
RH-2	130	50	60	2.5
RH-3	27	30	30	2.5
RH-4	47	20	40	0
RH-5	44	40	40	0
RH-5W	3	40	40	0
RH-6	188	60	40	1
RH-6S	2	40	40	0
RH-7	55	40	40	0
RH-8	45	30	30	2.5
RH-9	49	30	30	2.5
RH-9W	26	40	40	0
1 (TIMBER)	44	30	30	2.5
Georges Fork				
ALL ACREAGES[2]	6,600	80	60	1.5

[1] NOTE - POTASSIUM REQUIREMENTS FOR HARVESTABLE ACREAGES WERE MET BY THE ADDITION OF K-MAG

[2] BLANKET APPLICATIONS WERE MADE ON ALL THE OPEN PASTURE AREAS.

TABLE 6
PRE-SEASON SOIL ANALYSES
SEQUOYAH 1986

AREA	DEPTH	As ppm	B ppm	Co ppm	Cu ppm	Fe ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	V ppm	Zn ppm	WT. LOSS %	Ra-226 pCi/g	Th-230 pCi/g	U238 ppm	pH	N LBS/AC
160-3	0-6"C	<6.0	<5.0	3	38	11,000	260	<0.20	9.6	11	18	9.8	12.8	2.00	3.21	5.0	4.9	7
160-3	6-12"	<6.0	<5.0	6.5	7.9	16,000	360	<0.20	6	15	30	11	5.1	1.57	3.79	7.2	4.6	7
160-5	0-6"C	<5.8	<4.9	1.5	11	6,600	190	<0.19	7.6	<7.8	12	7.4	4.9	1.20	0.604	3.75	7.0	9
160-5	6-12"	<6.0	<5.0	3	9.9	16,000	82	<0.20	9	<8.0	26	16	9.7	1.57	0.375	5.0	5.2	1
AGLAND	0-6"C	<5.8	<4.8	1.9	4	5,600	210	<0.19	9.8	<7.7	7.6	13	3.9	1.40	0.594	4.3	6.4	7
AGLAND	6-12"	<5.8	<4.9	2.3	48	8,400	250	<0.20	9.6	<7.7	12	16	5.6	1.20	0.713	8.0	6.2	4
REMER	0-6"C	70	<50	8.4	<1.0	37,000	710	<0.20	8.4	25	43	<0.30	9.8	1.34	0.849	4.9	5.9	25
REMER	6-12"	290	130	38	45	40,000	540	17	11	23	41	33	11.8	1.58	0.908	5.8	6.5	19
885-I	0-6"C	<5.9	<4.9	8.4	12	26,000	780	<0.20	12	20	35	17	7.4	1.42	0.951	5.2	5.7	26
885-I	6-12"	<59	<49	19	11	42,000	1600	<0.20	13	28	49	21	15.1	1.36	1.45	5.4	4.9	11
885-IV	0-6"C	<5.8	6.7	8.8	18	29,000	540	<0.19	15	19	36	29	8.1	0.09	0.585	8.0	5.1	8
885-IV	6-12"	<6.0	<5.0	9.2	7.1	27,800	320	<0.20	10	16	38	21	9.8	1.42	0.868	4.9	4.9	4
885-VIII	0-6"C	<5.9	<5.0	11	100	28,000	680	<0.20	34	19	28	31	2.7	1.19	0.672	3.6	5.6	7
885-VIII	6-12"	<5.9	<5.0	8.8	17	22,000	390	<0.20	19	13	22	30	3	1.00	0.751	3.0	4.4	1
885-XXIII	0-6"C	<60	<50	12	6.1	40,000	1300	<2.0	32	28	27	41	8.8	1.64	1.13	4.5	5.4	7
885-XXIII	6-12"	<60	<50	20	18	40,000	2200	4.4	36	23	30	78	9.1	1.44	0.994	3.0	4.8	2
885-XXV	0-6"C	<6.0	5.2	8.9	99	21,000	550	0.4	31	16	26	25	9.8	1.48	1.02	4.6	6.9	25
885-XXV	6-12"	<5.9	<4.9	6.6	30	14,000	480	<0.20	16	9.3	20	16	11.6	1.34	0.827	10.0	5.2	37
BALLFIELD	0-6"C	<5.9	<5.0	3.3	4.3	8,900	270	<0.20	8.7	9.3	17	7.4	12.9	1.71	0.867	5.0	5.9	8
BALLFIELD	6-12"	<6.0	<5.0	3.5	5.4	10,600	280	<0.20	4.7	<8.0	20	5.2	16.1	1.41	0.758	5.8	4.5	17
270-N	0-6"C	<6.0	<5.0	3.5	5.4	11,000	280	<0.20	4.7	<8.0	20	5.2	9.4	2.01	0.961	6.1	7.0	15
270-N	6-12"	<6.0	<5.0	7.1	8.1	22,000	470	<0.20	7.5	16	30	12	14	1.60	1.01	10.0	7.6	6
270-S	0-6"C	<6.0	<5.0	5.7	10	15,000	490	<0.20	9	11	22	9.8	12.2	0.57	0.753	6.9	6.3	9
270-S	6-12"	<6.0	<5.0	2.8	36	8,900	210	<0.20	8.8	<8	15	10	7.7	1.62	0.811	5.0	6.0	9

TABLE 7
PRE-SEASON SOIL ANALYSES
RABBIT HILL 1986

AREA	DEPTH	As ppm	B ppm	Co ppm	Cu ppm	Fe ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	V ppm	Zn ppm	WT. LOSS %	Ra-226 pCi/g	Th-230 pCi/g	U238 ppm	pH	N LBS/AC
RH-2	0-6"C	<6.1	<5.1	3.6	11	16,000	390	<0.20	11	10	25	20	6.4	1.26	0.906	3	5.6	32
RH-2	6-12"	<5.8	<4.9	4.5	13	19,000	380	<0.2	8.2	9.8	25	14	3.6	0.82	0.821	4.6	5.5	24
RH-4	0-6"C	390	300	41	53	43,000	820	28	15	20	42	48	9.1	1.15	1.02	5	6.5	34
RH-4	6-12"	94	140	17	24	53,000	300	7.9	17	26	63	35	12.6	1.1	1.06	3.3	6.2	2
RH-5	0-6"C	<5.8	<4.9	4.8	10	21,000	380	<0.19	8.8	12	27	15	9.8	1.2	0.773	4.9	6.6	24
RH-5	6-12"	<6	<50	<0.6	9.2	37,000	490	<0.20	11	13	36	29	47.7	1.09	0.143	4.2	5.8	14
RH-6	0-6"C	<6.1	<5.1	4.6	6.9	18,000	450	<0.20	10	13	25	17	12.6	1.36	0.796	4.1	5.8	13
RH-6	6-12"	<5.9	<4.9	11	9.6	20,000	960	<0.20	9.6	18	33	16	6.9	2	0.79	6	6.5	4
RH-9	0-6"C	<6.0	<5.0	3.7	38	16,000	300	<0.20	11	8.9	22	15	13.3	1	0.848	5.9	5.7	12
RH-9	6-12"	<5.7	<4.8	2.4	8	13,000	120	<0.19	5.8	<7.6	19	11	6.8	1.13	0.735	4.8	5.0	9

TABLE 8-A
BASELINE SOIL SAMPLES
GEORGES FORK
May 15, 1986

Location 25C-1

	Composite[1]	25C-1A		25C-1B		25C-1C	
	0-6"C	0-6"	6-12"	0-6"	6-12"	0-6"	6-12"
As, ppm	<6	<6	<6	<6	<6	<6	<6
B, ppm	<5	<5	<5	<5	<5	<5	<5
Ba, ppm	58	61	61	74	100	62	77
Cd, ppm	0.3	0.3	<0.2	<0.2	<0.2	<0.2	<0.2
Co, ppm	5.7	5.4	5.0	5.4	7.0	5.4	6.6
Cr, ppm	37	13	11	19	13	7.6	12
Cu, ppm	5.0	4.6	4.2	4.5	5.4	3.0	3.2
Fe, ppm	12000	9800	9100	12000	14000	7300	9200
Hg, ppm	0.05	0.08	<0.03	<0.03	<0.03	<0.03	<0.03
Mg, ppm	390	410	400	580	810	340	490
Mn, ppm	330	360	320	390	320	320	390
Mo, ppm	0.6	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Ni, ppm	21	8.3	7.7	10	11	6.8	10
Pb, ppm	12	14	13	16	12	9.1	9.2
Se, ppm	22	21	23	25	28	9.5	17
V, ppm	17	14	14	17	20	10	13
Zn, ppm	19	19	17	24	25	17	19
U, ppm	5.2	3.9	3.3	4.3	5.4	3.0	4.5
Ra-226,pCi/g	1.66	1.21	1.11	1.42	1.29	0.97	1.43
Th-230,pCi/g	0.63	0.85	0.70	0.46	0.64	0.57	0.50
Th-232,pCi/g	1.26	1.41	1.27	1.49	1.41	1.54	1.45
pH	6.7	7.1	6.7	6.8	6.3	5.3	7.0
NO_3 (N), Lbs/Ac	2	5	3	3	2	1	2
P, Lbs/Ac	24	72	14	27	8	4	7
K, Lbs/Ac	146	120	103	109	139	74	92

[1] Composite (0-6"C): Composite of twenty - 1 inch diameter core samples collected randomly from the area.

TABLE 8-B
BASELINE SOIL SAMPLES
GEORGES FORK
May 15, 1986

Location 3C-3

	Composite[1]	3C-3A		3C-3B		3C-3C	
	0-6"C	0-6"	6-12"	0-6"	6-12"	0-6"	6-12"
As, ppm	<6	<6	<6	<6	<6	<6	<6
B, ppm	<5	<5	<5	<5	<5	<5	<5
Ba, ppm	75	89	97	110	100	80	84
Cd, ppm	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Co, ppm	3.8	4.3	4.0	4.3	3.9	3.9	3.6
Cr, ppm	8.4	10	11	11	12	18	11
Cu, ppm	3.6	4.8	5.0	4.9	5.0	4.6	4.4
Fe, ppm	8300	10000	11000	11000	12000	10000	9700
Hg, ppm	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Mg, ppm	500	670	730	720	840	590	680
Mn, ppm	360	420	400	460	350	370	300
Mo, ppm	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Ni, ppm	8.4	9.6	9.8	11	10	13	9.1
Pb, ppm	8.2	10	11	10	9.6	<8	8.5
Se, ppm	16	21	25	23	29	21	25
V, ppm	11	14	16	15	17	14	14
Zn, ppm	19	25	25	25	24	22	19
U, ppm	4.8	4.5	6.3	5.0	7.3	6.2	5.4
Ra-226, pCi/g	1.80	1.52	2.11	1.45	1.88	1.91	1.30
Th-230, pCi/g	0.31	1.20	0.92	1.03	1.01	0.91	0.38
Th-232, pCi/g	1.69	1.52	1.65	1.32	1.28	1.49	1.10
pH	6.9	6.0	6.1	6.1	6.1	6.4	6.5
NO_3(N), Lbs/Ac	1	3	2	1	1	6	3
P, Lbs/Ac	13	13	8	5	7	8	7
K, Lbs/Ac	67	66	65	102	81	63	73

[1] Composite (0-6"C): Composite of twenty - 1 inch diameter core samples collected randomly from the area

TABLE 8-C
BASELINE SOIL SAMPLES
GEORGES FORK
May 15, 1986

Location 17B-2

	Composite[1]	17B-2A		17B-2B		17B-2C	
	0-6"C	0-6"	6-12"	0-6"	6-12"	0-6"	6-12"
As, ppm	<6	<6	<6	<6	<6	<6	<6
B, ppm	<5	<5	<5	<5	<5	<5	<5
Ba, ppm	80	53	70	140	62	68	45
Cd, ppm	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Co, ppm	4.2	1.4	23	5.5	9	8.7	13
Cr, ppm	28	22	21	17	18	33	22
Cu, ppm	3.2	2.7	3.2	2.6	2.9	3.7	3.8
Fe, ppm	10000	8300	17000	10000	13000	19000	18000
Hg, ppm	<0.03	0.07	<0.03	<0.03	<0.03	<0.03	<0.03
Mg, ppm	440	450	510	480	520	580	630
Mn, ppm	220	32	600	420	200	200	290
Mo, ppm	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Ni, ppm	17	9.2	11	11	9.7	18	15
Pb, ppm	9.9	<8	14	13	11	14	14
Se, ppm	24	24	39	26	40	39	43
V, ppm	16	15	25	16	21	26	23
Zn, ppm	13	10	11	13	13	12	15
U, ppm	4.2	4.5	6.6	5.2	6.1	5.8	5.8
Ra-226, pCi/g	1.16	1.47	2.24	1.31	2.06	1.30	1.42
Th-230, pCi/g	0.60	0.77	1.08	0.64	0.84	1.17	1.20
Th-232, pCi/g	0.63	1.25	1.72	1.18	0.95	1.20	0.96
pH	5.9	6.7	5.2	5.6	5.1	5.3	5.0
NO_3(N), Lbs/Ac	2	1	1	1	1	1	1
P, Lbs/Ac	7	4	2	5	3	9	2
K, Lbs/Ac	54	46	68	46	45	89	62

[1] Composite (0-6"C): Composite of twenty - 1 inch diameter core samples collected randomly from the area.

TABLE 8-D
BASELINE SOIL SAMPLES
GEORGES FORK
May 15, 1986

Location 2B-1

	Composite[1]	2B-1A		2B-1B		2B-1C	
	0-6"C	0-6"	6-12"	0-6"	6-12"	0-6"	6-12"
As, ppm	<6	<6	<6	<6	<6	<6	<6
B, ppm	<5	<5	<5	<5	<5	<5	<5
Ba, ppm	150	35	40	55	170	52	55
Cd, ppm	<0.2	0.2	0.4	0.7	0.7	0.6	0.3
Co, ppm	5.6	4.1	3.3	6.9	28	6.6	12
Cr, ppm	19	53	23	37	14	23	17
Cu, ppm	6.4	3.9	3.9	4.3	5.1	3.6	3.8
Fe, ppm	27000	13000	15000	19000	20000	15000	15000
Hg, ppm	0.1	<0.03	<0.03	0.09	<0.03	<0.03	<0.03
Mg, ppm	1400	340	560	440	840	390	560
Mn, ppm	100	200	92	330	1300	340	340
Mo, ppm	<0.2	1.1	0.5	0.8	0.9	0.7	0.4
Ni, ppm	11	23	8.8	8.5	13	6.3	7.8
Pb, ppm	16	14	12	19	24	19	19
Se, ppm	68	31	46	42	55	37	49
V, ppm	33	26	28	39	27	30	27
Zn, ppm	17	9.8	11	12	15	11	12
U, ppm	4.4	6.4	4.9	4.2	5.8	4.0	4.1
Ra-226, pCi/g	1.29	2.03	1.34	1.40	1.34	1.23	1.40
Th-230, pCi/g	1.26	0.97	0.77	0.97	0.98	0.93	1.00
Th-232, pCi/g	1.94	2.07	1.99	1.33	1.58	1.98	1.34
pH	6.3	6.2	5.3	6.3	6.2		5.3
NO_3(N), Lbs/Ac	2	2	1	1	2		1
P, Lbs/Ac	1	21	5	1	9		4
K, Lbs/Ac	185	61	59	100	84		66

[1] Composite (0-6"C): Composite of twenty - 1 inch diameter core samples collected randomly from the area.

TABLE 8-E
BASELINE SOIL SAMPLES
GEORGES FORK
May 15, 1986

Location 26D-2

	Composite[1]	26D-2A		26D-2B		26D-2C	
	0-6"C	0-6"	6-12"	0-6"	6-12"	0-6"	6-12"
As, ppm	<6	<6	<6	<6	<6	<6	<6
B, ppm	<5	<5	<5	<5	<5	<5	<5
Ba, ppm	79	52	54	27	21	41	57
Cd, ppm	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Co, ppm	34	2.3	2.4	3.0	2.6	2.1	1.8
Cr, ppm	27	26	58	11	15	10	7.2
Cu, ppm	5.0	1.6	2.5	1.4	1.3	1.1	1.5
Fe, ppm	20000	4800	4900	6100	4900	5600	5100
Hg, ppm	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Mg, ppm	970	280	280	320	290	300	370
Mn, ppm	430	220	150	110	110	140	100
Mo, ppm	<0.2	<0.2	0.42	<0.2	<0.2	<0.2	<0.2
Ni, ppm	12	13	31	3.9	6.2	2.4	3.1
Pb, ppm	23	<8	<8	<8	<8	<8	8.6
Se, ppm	66	9.8	12	16	10	15	19
V, ppm	34	11	12	15	12	14	13
Zn, ppm	13	6	5.5	5.6	4.9	6.2	6.1
U, ppm	4.0	5.1	4.4	4.9	4.7	4.0	4.8
Ra-226, pCi/g	1.36	1.31	1.55	1.62	1.33	1.37	1.66
Th-230, pCi/g	0.96	0.72	0.60	0.65	0.71	0.90	0.78
Th-232, pCi/g	1.59	1.49	1.74	1.86	1.64	1.30	1.61
pH	5.9	5.4	5.2	5.0	5.3	5.1	5.0
NO_3(N), Lbs/Ac	1	1	1	1	1	1	1
P, Lbs/Ac	2	29	7	6	4	14	5
K, Lbs/Ac	113	204	177	57	47	128	69

[1] Composite (0-6"C): Composite of twenty - 1 inch diameter core samples collected randomly from the area.

TABLE 9

POST-SEASON SOIL ANALYSES
SEQUOYAH 1986

AREA	DEPTH	As ppm	B ppm	Co ppm	Cu ppm	Fe ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	V ppm	Zn ppm	ALPHA pCi/g	RA-226 pCi/g	TH-230 pCi/g	U ppm	pH	N LBS/AC
160-3	0-6"C	5.4	0.39	4.6	12	14000	340	<5	8	30	26	12	22	1.57	0.27	7.5	6.4	9
160-3	6-12"	4.2	0.36	2.2	3.3	12000	90	<5	4	9.1	22	6.4	31	2.09	1.47	5.2	4.6	1
160-5	0-6"C	3.4	0.56	2.7	15	6400	260	<5	7	13	14	20	27	1.3	0.28	3.8	5.8	5
160-5	6-12"	5.1	0.54	3.7	84	14000	380	<5	15	9.4	20	11	18	0.92	0.38	3.2	6	1
AGLAND	0-6"C	2.1	0.34	2.7	13	4500	200	<5	8	6	7	12	20	1.45	0.89	3.9	6.5	8
AGLAND	6-12"	1.9	0.35	2.1	4.1	4500	170	<5	5	4.4	7	10	25	1.07	0.79	2.8	5.6	8
REMER	0-6"C	12	0.28	19	27	37000	740	<48	14	21	42	29	13	1.44	0.94	4.2	5.6	20
REMER	6-12"	15	0.24	16	20	32000	330	<48	9	19	37	18	21	1.46	0.84	4.2	6.6	8
885-I	0-6"C	6.3	0.43	7.8	10	24000	770	<5	9	19	35	16	24	1.48	1.07	4.8	5.3	10
885-I	6-12"	9.2	0.25	34	22	29000	1900	<47	11	27	37	18	14	1.67	1.15	3.9	6	4
885-IV	0-6"C	16	0.68	12	54	22000	480	<4	23	19	38	36	22	1.36	0.86	3.8	5.1	3
885-IV	6-12"	9.6	0.52	18	17	45000	380	<49	13	26	46	22	18	1.38	1.21	3.6	4.8	1
885-VIII	0-6"C	11	0.45	<10	10	39000	600	<51	17	17	32	43	16	1.5	1.08	4	5.9	20
885-VIII	6-12"	21	0.51	25	37	69000	1100	<48	32	25	54	87	23	1.3	1.37	4.8	4.7	3
885-XXIII	0-6"C	21	0.56	22	37	44000	1400	<5	39	21	37	80	20	1.6	1.42	4.5	5.1	11
885-XXIII	6-12"	13	0.34	18	21	42000	1200	<50	31	20	30	68	22	1.5	1.09	4.6	4.9	7
885-XXV	0-6"C	10	0.32	10	41	17000	720	<5	20	16	25	22	15	1.47	0.83	4.6	5.5	16
885-XXV	6-12"	12	0.57	16	36	22000	1300	<5	20	23	35	19	12	1.3	1.05	4.4	5.3	7
BALLFLD	0-6"C	4.8	0.41	2.5	29	8700	190	<5	7	8	16	10	13	1.62	0.81	4.2	6.5	5
BALLFLD	6-12"	3.9	0.28	2.4	5.4	6000	160	<5	2	5.5	13	4.9	19	1.4	0.76	3.8	5.4	1
270-N	0-6"C	9	0.42	8.4	32	20000	540	<5	13	15	27	23	20	1.12	0.64	3.6	5.9	17
270-N	6-12"	4.4	0.33	4	40	12000	280	<5	10	8.7	19	11	19	1.37	1.18	3.7	6.3	9
270-S	0-6"C	4.6	0.32	3.6	8.6	12000	270	<5	6	11	23	15	14	1.03	1.19	2.9	5.4	18
270-S	6-12"	6.4	0.26	5.1	11	19000	400	<5	7	12	29	12	15	1.41	0.94	3.8	5.6	17

TABLE 10

POST-SEASON SOIL ANALYSES
RABBIT HILL 1986

AREA	DEPTH	As ppm	B ppm	Co ppm	Cu ppm	Fe ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	V ppm	Zn ppm	ALPHA pCi/g	RA-226 pCi/g	TH-230 pCi/g	U ppm	pH	N LBS/AC
RH-2	0-6"C	5	0.44	5.6	38	17000	340	<4	13	12	25	17	35	0.7	0.66	2.8	6.5	11
RH-2	6-12"	7.8	0.43	10	47	25000	630	<5	16	17	33	19	18	1.34	1.21	3.8	6.7	4
RH-4	0-6"C	10	0.47	20	20	43000	950	<50	15	23	39	38	24	1.32	1.26	4.8	6.2	25
RH-4	6-12"	8.8	0.44	16	32	53000	470	<50	14	23	56	22	16	1.2	1.43	4.4		
RH-5	0-6"C	6.7	0.39	<9	32	31000	580	<45	<18	16	40	22	15	1.24	1.24	3.7	6	26
RH-5	6-12"	4.8	0.3	<10	33	31000	460	<49	14	15	38	15	22	1.61	0.96	4	6.1	3
RH-6	0-6"C	5.4	0.32	7.6	52	23000	690	<5	14	20	30	19	16	1.4	1.33	5.4	5.8	21
RH-6	6-12"	7	0.43	10	13	21000	820	<5	13	19	33	17	19	1.6	1.05	4.1	5.5	21
RH-9	0-6"C	7.3	0.39	5.1	98	20000	420	<5	18	11	23	18	16	1.5	0.64	4.5	5.7	18
RH-9	6-12"	5.5	0.28	10	81	23000	410	<5	18	11	29	14	16	1.75	1.11	4.7	5.8	4

TABLE 11

POST-SEASON SOIL ANALYSES
GEORGES FORK RANCH 1986

AREA	DEPTH	As ppm	B ppm	Co ppm	Cu ppm	Fe ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	V ppm	Zn ppm	ALPHA pCi/g	RA-226 pCi/g	TH-230 pCi/g	U ppm	pH	N LBS/AC
2B-1	0-6"C	8.4	0.23	5.9	20	17000	530	<5	7	17	26	16	15	1.49	0.95	3.1	5.9	24
2B-1	6-12"	7.8	0.38	5.1	22	20000	350	<5	7	12	29	11	14	1.38	0.64	5	5.3	24
3C-3	0-6"C	6.4	0.44	4.9	6.2	11000	410	<5	10	14	14	25	17	1.32	0.94	4.4	6	6
3C-3	6-12"	5.8	0.48	5.3	6.8	12000	390	<5	10	11	17	23	17	1.22	1.09	4.6	5.9	3
5A-4	0-6"C	3.9	0.57	2.9	44	8600	250	<5	9	11	16	9.7	22	1.14	0.58	3.1	5	15
5A-4	6-12"	4	0.48	2.7	33	8400	160	<5	7	8.9	16	8.2	17	1.35	0.71	3.2	5.7	28
9A-8	0-6"C	6.3	0.23	5	11	13000	380	<5	9	9.2	20	17	17	1.19	0.65	3.6	6.3	15
9A-8	6-12"	8.4	0.35	5.5	37	16000	380	<5	13	9.6	21	16	16	1.22	0.71	3.4	6.2	7
12B-3	0-6"C	7.6	0.24	4.2	9.5	16000	410	<5	6	15	22	12	11	1.25	0.88	3.2	6.2	7
12B-3	6-12"	6.5	0.26	4.8	14	17000	330	<5	6	14	22	6.8	16	1.19	0.39	3.8	5.9	1
16B-2	0-6"C	7	0.3	7.5	7	25000	890	<5	10	24	34	19	18	0.83	0.95	2.6	6.3	40
16B-2	6-12"	7.5	0.25	17	26	44000	1000	<45	13	19	50	21	22	1.47	0.72	3.6	6.3	60
17B-2	0-6"C	4.4	0.34	7	11	22000	390	<5	11	14	31	16	13	1.28	0.19	4.3	5.4	4
17B-2	6-12"	7.6	0.6	15	25	34000	510	<5	15	20	44	25	14	1.59	0.82	4.7	6.2	1
20C-2	0-6"C	10	0.27	12	11	20000	1000	<5	10	23	40	14	17	1.17	1.18	2.9	5.8	29
20C-2	6-12"	8.2	0.43	11	9.1	23000	760	<5	9	21	40	12	17	1.77	0.83	5.3	6.3	6
25C-1	0-6"C	7.1	0.55	7	42	13000	340	<4	14	9.3	21	20	7	1.26	0.57	3.4	5.9	18
25C-1	6-12"	4.6	0.32	8.6	15	14000	440	<5	11	9.5	21	19	9	1.39	0.16	4.1	6.5	2
26D-2	0-6"C	3.3	0.55	2	15	6100	210	<5	4	7.2	15	7	17	1.26	0.73	3.5	6.1	3
26D-2	6-12"	2.5	0.31	2.6	3.7	6700	160	<5	4	5.4	17	6.8	16	1.47	0.36	4.3	6.2	1
27A-2	0-6"C	6.5	0.5	3.7	54	9300	310	<5	10	9.7	17	11	13	1.33	0.67	5	5.4	6
27A-2	6-12"	3.7	0.23	3.2	9.1	7000	240	<5	4	8.3	17	4.4	8	1.34	0.64	3.2	5.9	1
35C-1	0-6"C	9.1	0.24	5	25	16000	430	<5	8	15	27	11	15	1.66	0.73	4.1	5	32
35C-1	6-12"	6.3	0.29	5.4	15	15000	420	<5	6	12	25	8.3	21	1.52	0.90	4.4	5.3	31
36B-1	0-6"C	5.5	0.48	6.7	11	16000	700	<5	11	17	28	29	28	1.02	1.20	3.1	5	55
36B-1	6-12"	6.4	0.43	14	29	24000	900	<5	17	22	38	34	31	1.43	1.03	4.3	5.1	40

TABLE 12
SURFACE WATER MONITORING
SEQUOYAH 1986

Location	Date	NO3-N mg/l	As mg/l	NH4-N mg/l	pH mg/l	Cu mg/l	Mo mg/l	Pb mg/l	Se mg/l	Alpha pCi/l
FP-1	April	1.00	<0.110	<0.2	7.7	<0.015	<0.018	<0.050	<0.100	<10
	June	0.20	<0.110	<0.2	7.7	<0.015	<0.018	<0.050	<0.100	<10
	August	0.30	<0.300	<0.2	8.7	<0.010	<0.050	<0.050	<0.300	14
	October	0.20	<0.004	0.3	6.6	0.005	<0.070	<0.020	0.007	<10
	November	3.70	<0.004	0.4	6.6	0.005	0.003	<0.002	<0.003	<10
FP-2	April	0.90	<0.110	0.3	7.4	<0.015	<0.018	<0.050	<0.100	<10
	June	4.40	<0.110	<0.2	7.3	<0.015	<0.018	<0.050	<0.100	<10
	August	0.30	<0.300	<0.2	7.5	<0.010	<0.050	<0.050	<0.300	<10
	October	0.80	<0.004	0.6	6.7	0.010	<0.007	<0.002	<0.003	<10
	November	3.90	<0.004	<0.2	6.7	0.003	0.002	<0.002	<0.003	<10
FP-3	April	0.20	<0.110	0.4	7.0	0.026	0.024	<0.050	<0.100	<10
	June	0.40	<0.110	0.3	8.4	<0.015	<0.018	<0.050	<0.100	<10
	August	0.30	<0.300	<0.2	7.5	<0.010	<0.050	<0.050	<0.300	14
	October	1.10	<0.004	0.4	6.8	0.005	<0.007	<0.002	<0.003	<10
	November	4.10	<0.004	0.5	6.6	0.004	0.001	<0.002	<0.003	<10
160REP	April	1.50	<0.110	0.2	7.3	<0.015	<0.018	<0.050	<0.100	<10
	June	0.20	<0.110	<0.2	7.6	<0.015	<0.018	<0.050	<0.100	<10
	August	0.20	<0.300	<0.2	7.8	<0.010	<0.050	<0.050	<0.300	<10
	October	0.20	<0.004	0.4	6.6	0.004	<0.007	<0.002	<0.003	<10
	November	0.80	<0.004	<0.2	6.7	0.003	0.002	<0.002	<0.003	11
270REP	April	1.00	<0.110	0.3	7.1	<0.015	<0.018	<0.050	<0.100	<10
	June	0.30	<0.110	<0.2	7.8	<0.015	<0.018	<0.050	<0.100	<10
	August	0.20	<0.300	<0.2	7.3	<0.010	<0.050	<0.050	<0.300	<10
	October	0.60	<0.004	0.2	6.7	0.005	<0.007	<0.002	<0.003	<10
	November	7.20	<0.004	<0.2	6.4	0.005	<0.001	<0.002	<0.003	<10

TABLE 13
MONITOR WELLS
SEQUOYAH 1986

Location	Date	NO3-N mg/l	As mg/l	B mg/l	Cd mg/l	Cu mg/l	Mo mg/l	Ni mg/l	Se mg/l	U ug/l	Alpha pCi/l	Ra-226 pCi/l
FTP-1A	April	0.20		0.095	0.420	<0.015	0.027	<0.069	<0.100	24	23	0.23
	June	0.20	<0.110	0.140	0.460	0.025	0.027	<0.069	<0.100		11	
	August	0.80		<0.600	<0.003	<0.010	<0.050	<0.020	<0.300	8	18	0.13
	October	1.00	<0.004	<0.600	<0.001	0.004	<0.050	<0.020	<0.050		<10	
	November	1.30	<0.004	0.020	<0.009	<0.002	<0.003	<0.002	<0.030		10	
FTP-2A	April	25.00		0.260	0.640	<0.015	0.023	<0.069	<0.100	140	90	0.30
	June	23.00	<0.110	0.260	0.440	<0.015	0.021	<0.069	<0.100	120	63	0.22
	August	<0.10		<0.600	<0.003	<0.010	<0.050	<0.020	<0.300	130	96	0.40
	October	25.00	<0.004	<0.600	<0.001	0.003	<0.005	<0.002	<0.005	130	65	0.31
	November	26.00	<0.004	0.120	<0.001	0.002	<0.001	<0.002	<0.004	100	95	0.34
FTP-2B	June	1.40	<0.110	0.640	0.160	<0.015	<0.018	<0.069	<0.100	19	48	0.05
	August	2.00		<0.600	<0.003	<0.010	<0.050	<0.020	<0.300	18	53	0.05
	October	1.20	0.004	<0.600	<0.001	<0.002	<0.005	<0.002	<0.005	17	41	0.36
	November	2.00	<0.004	0.180	<0.001	<0.002	<0.001	<0.002	<0.004	11	40	<0.01
FTP-2C	June	<0.10	<0.110	0.640	0.480	<0.015	<0.018	<0.069	<0.100	21	18	0.06
	August	1.90		<0.600	<0.003	<0.010	<0.050	<0.020	<0.300	20	30	0.06
	October	0.60	<0.004	<0.600	<0.001	<0.002	<0.005	<0.002	<0.005		13	
	November	1.10	<0.004	0.230	<0.001	<0.002	<0.001	<0.002	<0.004		<10	
FTP-2D	June	1.40	<0.110	0.630	0.150	<0.015	<0.018	<0.069	<0.100	18	49	0.06
	August	0.20		<0.600	<0.003	<0.010	<0.050	<0.020	<0.300	21	50	0.22
	October	<0.10	0.016	<0.600	<0.001	<0.002	<0.005	<0.002	<0.005	15	19	0.24
	November	0.10	0.015	0.270	<0.001	<0.002	<0.001	<0.002	<0.004	9	26	0.78
FTP-3A	April	12.00		0.019	0.210	<0.015	<0.018	<0.069	<0.100	<2	12	0.02
	June	10.00	<0.110	0.022	0.130	<0.015	<0.018	<0.069	<0.100	<2	<10	0.09
	August	7.00		<0.600	<0.003	<0.010	<0.050	<0.020	<0.300	5	16	0.14
	October	11.00	<0.004	<0.600	<0.001	0.003	<0.005	0.017	<0.005		<10	
	November	11.00	<0.004	0.020	<0.001	<0.002	<0.001	0.019	<0.004		12	
FTP-4A	April	0.50		0.140	0.320	<0.015	<0.018	<0.069	<0.100	25	27	0.12
	June	0.40	<0.110	0.170	0.300	0.016	0.020	<0.069	<0.100	12	18	0.02
	August	0.80		<0.600	<0.003	<0.010	<0.050	<0.020	<0.300	6	21	0.13
	October	0.80	<0.004	<0.600	<0.001	<0.002	<0.005	<0.002	0.006		<10	
	November	1.70	<0.004	0.020	<0.001	<0.002	0.002	<0.002	<0.004	12	30	0.41
FTP-5	April	<0.10		<0.012	0.035	<0.015	<0.018	<0.069	<0.100		<10	
	June	<0.10	<0.110	0.029	0.110	<0.015	<0.018	<0.069	<0.100		<10	
	August	0.10		<0.600	<0.003	<0.010	<0.050	<0.020	<0.300		<10	
	October	<0.10	<0.004	<0.600	<0.001	<0.006	<0.005	0.002	<0.005		<10	
	November	0.10	<0.004	<0.010	<0.001	<0.002	<0.001	<0.002	<0.004		<10	

Table 13 - Monitor Wells, Sequoyah 1986 (Con't)

Location	Date	NO3-N mg/l	As mg/l	B mg/l	Cd mg/l	Cu mg/l	Mo mg/l	Ni mg/l	Se mg/l	U ug/l	Alpha pCi/l	Ra-226 pCi/l
FTP-6	April	4.80		0.310	0.580	<0.015	0.019	<0.069	<0.100	27	17	0.11
	June	6.00	<0.110	0.330	0.600	<0.015	0.022	<0.069	<0.100		<10	
	August	2.80		<0.600	<0.003	<0.010	<0.050	<0.020	<0.300		<10	
	November	3.40	<0.004	0.140	<0.001	<0.002	<0.001	<0.002	<0.004		<10	
FTP-7	April	0.10		0.260	0.630	<0.015	0.019	<0.069	<0.100	27	18	0.31
	June	0.70	<0.110	0.260	0.420	<0.015	<0.018	<0.069	<0.100		<10	
	August	<0.10		<0.600	<0.003	<0.010	<0.050	<0.020	<0.300		<10	
	October	<0.10	<0.004	<0.600	<0.001	<0.002	<0.005	<0.002	<0.005		12	
	November	<0.10	<0.004	0.150	<0.001	<0.002	<0.001	<0.002	<0.004		<10	
270-1	April	16.00		0.520	0.190	<0.015	0.019	<0.069	<0.100	23.0	22	0.15
	June	33.00	<0.110	0.500	0.130	<0.015	<0.018	<0.069	<0.100	4.0	<10	0.06
	August	1.00		0.700	<0.003	<0.010	<0.050	<0.020	<0.300		<10	
	October	<0.10	<0.004	0.600	<0.001	<0.002	<0.005	<0.002	<0.005		11	
	November	0.70	<0.004	0.180	<0.001	<0.002	<0.001	<0.002	<0.040		<10	
270-2	April	5.20		0.250	0.130	<0.015	<0.018	<0.069	<0.100	19.0	19	0.19
	June	5.20	<0.110	0.240	0.074	<0.015	<0.018	<0.069	<0.100		11	
	August	5.40		<0.600	<0.003	<0.010	<0.050	<0.020	<0.300		11	
	October	5.40	<0.004	<0.600	<0.001	0.002	<0.005	<0.020	<0.004		14	
	November	6.20	<0.004	0.100	<0.009	<0.002	<0.001	<0.002	<0.004	5.0	20	0.13
270-3	April	0.20		0.083	0.300	<0.015	0.027	<0.069	<0.100	24.0	20	0.19
	June	0.10	<0.110	0.078	0.390	<0.015	<0.018	<0.069	<0.100		13	
	August	1.00		<0.600	<0.003	<0.010	<0.050	<0.020	<0.300		12	
	October	1.50	<0.004	<0.600	<0.001	0.004	<0.050	0.004	<0.004		<10	
	November	0.70	<0.004	0.080	<0.001	<0.002	<0.001	<0.002	<0.004		<10	

TABLE 14
WATER SAMPLING RESULTS
RABBIT HILL 1986

Location	Date	NO3-N mg/l	As mg/l	B mg/l	Co mg/l	Cu mg/l	Mo mg/l	Ni mg/l	Se mg/l	U ug/l	Alpha pCi/l	Ra-226 pCi/l
Monitoring Wells												
RHMW1	May	0.10	<0.110	0.130	0.280	<0.015	<0.018	<0.069	0.110		<10	
	June	<0.10	<0.110	0.130	<0.015	<0.015	0.024	<0.069	0.160		<10	
	August	0.10	<0.300	<0.600	0.003	<0.010	<0.050	<0.020	0.300		<10	
	October	<0.10	<0.004	<0.600	0.001	0.003	<0.005	<0.002	<0.004		<10	
	November	0.20	<0.004	<0.010	<0.001	<0.002	<0.001	<0.002	<0.400		<10	
RHMW2	May	0.60	<0.110	0.220	0.120	<0.015	<0.018	<0.069	<0.100		<10	
	June	<0.10	<0.110	0.420	<0.015	<0.015	<0.018	<0.069	<0.100		<10	
	August	0.20	<0.300	<0.600	<0.003	<0.010	<0.050	<0.020	<0.300		<10	
	October	0.20	<0.004	<0.600	<0.001	0.020	<0.005	<0.002	<0.004		<10	
	November	0.80	<0.004	<0.010	<0.001	<0.002	<0.001	<0.002	<0.004		<10	
RHMW3	May	0.10	<0.110	0.190	0.055	<0.015	<0.018	<0.069	<0.100		<10	
	June	<0.10	<0.110	0.150	<0.015	<0.015	<0.023	<0.069	<0.100		<10	
	August	0.10	<0.300	<0.600	0.003	<0.010	<0.050	<0.020	<0.300		<10	
	October	0.10	<0.004	<0.600	<0.001	0.003	<0.005	<0.002	<0.004		<10	
	November	0.20	<0.004	<0.010	<0.001	<0.002	<0.001	<0.002	<0.004		<10	
RHMW4	May	<0.10	<0.110	0.200	0.330	<0.015	<0.018	<0.069	<0.100		<10	
	June	0.10	0.120	0.210	0.450	<0.015	<0.018	<0.069	0.130		<10	
	August	0.10	<0.300	<0.600	0.004	<0.010	<0.050	<0.020	<0.300		<10	
	October	0.30	<0.004	<0.600	<0.001	0.004	<0.005	<0.002	<0.004	<0.005	18	0.45
	November	0.20	<0.004	0.090	<0.009	0.007	<0.001	0.003	0.004		<10	
RHMW5	May	<0.10	<0.110	0.480	0.075	<0.015	<0.018	<0.069	<0.100		<10	
	June	<0.10	<0.110	0.520	<0.015	<0.015	0.036	<0.069	0.130		<10	
	August	<0.10	<0.300	<0.600	<0.003	<0.010	<0.050	<0.020	<0.300		<10	
	October	<0.10	<0.004	<0.600	<0.001	0.004	<0.005	<0.002	0.004		<10	
	November	0.10	<0.004	0.140	<0.001	0.003	<0.001	0.002	<0.004		11	
RHMW6	May	0.10	0.140	0.460	0.490	<0.015	0.020	<0.069	0.160	33	17	0.07
	June	0.10	0.180	0.350	0.780	<0.015	0.026	<0.069	0.210	28	16	0.09
	August	0.10	<0.300	<0.600	<0.003	<0.010	<0.050	<0.020	<0.300		<10	
	October	<0.10	<0.004	<0.060	<0.001	<0.002	<0.005	<0.002	<0.004		<10	
	November	0.10	<0.004	<0.200	<0.001	<0.002	<0.001	<0.002	<0.004		<10	
RHMW7	May	5.40	<0.110	0.018	0.140	<0.015	<0.018	<0.069	<0.100		<10	
	June	5.50	<0.110	0.016	0.120	<0.015	<0.018	<0.069	<0.100		<10	
	August	4.60	<0.300	<0.600	<0.003	<0.010	<0.050	<0.020	<0.300		<10	
	October	6.60	<0.004	<0.600	<0.001	<0.002	<0.005	0.006	<0.004		<10	
	November	8.10	<0.004	0.040	<0.001	<0.002	<0.001	0.007	<0.004		<10	

Surface Water

		NO3-N mg/l	As mg/l	NH4-N mg/l	pH	Cu mg/l	Mo mg/l	Pb mg/l	Se mg/l	Alpha pCi/l
RH-LA	May	0.10	<0.110	<0.2	6.9	<0.015	<0.018	<0.050	<0.100	<10
	June	0.20	<0.110	<0.2	7.8	<0.015	<0.018	0.900	<0.100	<10
	August	0.10	<0.300	<0.2	8.2	0.010	<0.050	<0.050	<0.300	<10
	October	0.30	<0.004	<0.2	7.5	0.003	<0.007	<0.002	<0.030	<10
	November	0.30	<0.004	<0.2	6.5	0.004	<0.001	<0.002	<0.003	<10

TABLE 15
BASELINE MONITOR WELL RESULTS
GEORGES FORK RANCH
June, 1986

	NO_3(N) (mg/l)	As (mg/l)	B (mg/l)	Cd (mg/l)	Cu (mg/l)	Mo (mg/l)	Ni (mg/l)	Se (mg/l)	Gross Alpha (pci/l)
BMR-1	8.0	<0.11	0.096	<0.015	<0.015	<0.018	<0.069	0.12	14
BMR-2	1.1	<0.11	0.064	<0.015	<0.015	<0.018	<0.069	<0.10	<10
BMR-3	0.4	<0.11	0.060	<0.015	<0.015	<0.018	<0.069	<0.10	<10
BMR-4	0.4	<0.11	0.015	<0.015	<0.015	<0.018	0.220	0.13	<10
BMR-5	<0.1	<0.11	<0.012	<0.015	<0.015	0.022	<0.069	<0.10	<10

TABLE 16
MONITOR WELLS
GEORGES FORK 1986

Location	Date	NO3-N mg/l	As mg/l	B mg/l	Cd mg/l	Cu mg/l	Mo mg/l	Ni mg/l	Se mg/l	Alpha pCi/l
MR-1[1]	August	13.70	<0.300	<0.600	<0.003	<0.010	<0.050	<0.020	<0.300	<10
	October	11.50	<0.004	<0.600	<0.001	0.005	<0.005	0.003	0.020	<10
	November	15.20	<0.040	0.120	<0.001	0.002	<0.001	0.006	<0.004	<10
MR-2	August	1.60	<0.300	<0.600	<0.003	<0.010	<0.050	<0.020	<0.300	<10
	October	1.10	<0.004	<0.600	<0.001	<0.002	<0.005	0.002	<0.004	<10
	November	1.00	<0.004	0.070	0.002	<0.002	<0.001	0.003	<0.040	<10
MR-3	August	0.40	<0.300	0.600	<0.003	<0.010	<0.050	<0.020	<0.300	<10
	October	0.10	<0.004	<0.600	<0.001	0.003	<0.005	0.020	<0.004	<10
	November	0.30	<0.004	0.140	<0.001	<0.002	<0.001	0.004	<0.004	<10
MR-4	August	0.20	<0.300	<0.600	<0.003	<0.010	<0.050	<0.020	<0.030	<10
	October	0.30	<0.004	<0.600	<0.001	0.002	<0.005	0.002	<0.004	<10
	November	0.40	<0.004	0.040	<0.001	0.002	<0.001	<0.002	<0.004	<10
MR-5	August	0.30	<0.300	<0.600	<0.003	<0.010	<0.050	<0.020	<0.300	<10
	October	0.40	<0.004	<0.600	<0.001	0.002	<0.005	0.003	<0.004	<10
	November	0.50	<0.004	0.040	<0.001	<0.002	<0.001	0.003	<0.004	<10

[1] Location MR-1 is located on a control plot. Ammonium nitrate fertilizer was not applied to this area during 1986.

TABLE 17

BASELINE SURFACE WATER SAMPLES (GEORGES FORK) MAY 15,1986

LOCATION ID	As ug/l	B ug/l	Ba ug/l	Cd ug/l	Co ug/l	Cr ug/l	Cu ug/l	Fe ug/l	Hg ug/l	Mg ug/l	Mn ug/l	U238 ug/l
25C-1	0.010	0.014	0.046	<.015	<.011	<.026	<.015	0.100	<.0005	4.70	<.007	<.002
3C-3	0.010	0.018	0.017	<.015	<.011	<.026	<.015	0.100	<.0005	2.26	<.007	<.002
17B-1	0.010	<.012	0.022	<.015	<.011	<.026	<.015	0.100	<.0005	1.78	<.007	<.002
17B-2	0.008	0.026	0.030	<.015	<.011	<.026	<.015	0.140	<.0005	2.82	<.007	<.002
2B-1	0.010	<.012	0.020	<.015	<.011	<.026	<.015	0.042	<.0005	1.16	<.007	<.002
1D-4	0.010	<.012	0.020	<.015	<.011	<.026	<.015	0.062	<.0005	1.35	<.007	<.002
27A-2	0.010	<.012	0.053	<.015	<.011	<.026	<.015	0.960	<.0005	1.73	0.010	<.002
16B-2(W)	0.020	0.022	0.036	<.015	<.011	<.026	<.015	0.140	<.0005	2.10	<.007	<.002
16B-2(E)	0.010	<.012	0.030	<.015	<.011	<.026	<.015	0.110	<.0005	1.44	<.007	<.002
20C-2	0.020	0.022	0.024	<.015	<.011	<.026	<.015	0.240	<.0005	2.60	0.009	<.002
26D-2	0.010	<.012	0.012	<.015	<.011	<.026	<.015	0.120	<.0005	1.70	<.007	<.002
36B-1	0.006	<.012	0.013	<.015	<.011	<.026	<.015	<.033	<.0005	1.71	<.007	<.002
35C-1	0.009	<.012	0.005	<.015	<.011	<.026	<.015	<.033	<.0005	1.68	<.007	<.002
5A-4	0.007	0.015	0.030	<.015	<.011	<.026	<.015	<.033	<.0005	2.87	<.007	<.002
9A-8	0.010	<.012	0.029	<.015	<.011	<.026	<.015	0.073	<.0005	1.86	<.007	<.002
12B-3	0.010	<.012	0.014	<.015	<.011	<.026	<.015	0.077	<.0005	1.85	<.007	<.002

LOCATION ID	Mo ug/l	Ni ug/l	Pb ug/l	Se ug/l	V ug/l	Zn ug/l	(N) NH3 ug/l	(N) NO3 ug/l	pH unit	Alpha pCi/l	Ra-226 pCi/l	Th-230 pCi/l
25C-1	<.018	<.069	0.020	0.010	<.025	0.100	<0.1	2	6.90	<10	<.01	0.022
3C-3	<.018	<.069	0.030	0.010	<.025	0.075	<0.1	<.1	6.70	<10	0.020	0.045
17B-1	<.018	<.069	0.020	<.005	<.025	0.029	<0.1	<1	6.70	<10	<.01	0.018
17B-2	0.024	<.069	0.020	0.009	<.025	0.058	<0.1	<1	7.00	<10	<.01	0.024
2B-1	<.018	<.069	0.020	0.006	<.025	0.022	<0.1	<1	6.90	<10	<.01	0.036
1D-4	0.028	<.069	0.010	0.010	<.025	0.056	<0.1	<1	6.70	<10	0.010	0.667
27A-2	<.018	<.069	0.010	0.008	<.025	0.017	<0.1	<1	6.90	<10	0.001	0.030
16B-2(W)	<.018	<.069	0.010	0.006	<.025	0.097	<0.1	<1	6.90	<10	0.020	0.026
16B-2(E)	<.018	<.069	0.020	<.005	<.025	0.026	<0.1	<1	6.80	<10	0.020	0.013
20C-2	<.018	<.069	0.010	<.005	<.025	0.025	<0.1	<1	6.60	<10	0.020	0.050
26D-2	<.018	<.069	0.008	<.005	<.025	0.086	<0.1	<1	6.70	<10	0.030	0.021
36B-1	<.018	<.069	0.020	<.005	<.025	0.055	<0.1	1	6.70	<10	<.01	0.030
35C-1	0.020	0.071	0.010	0.009	<.025	0.049	<0.1	1	6.70	11	0.070	0.066
5A-4	<.018	<.069	0.010	0.006	<.025	0.041	<0.1	2	6.80	<10	0.010	0.012
9A-8	<.018	<.069	0.020	0.010	<.025	0.056	<0.1	<1	6.90	<10	0.010	0.036
12B-3	<.018	<.069	0.010	0.010	<.025	0.061	<0.1	1	6.70	<10	0.041	0.012

TABLE 18
SURFACE WATER MONITORING
GEORGES FORK 1986

Location	Date	NO_3-N mg/l	As mg/l	NH_4-N mg/l	pH	Cu mg/l	Mo mg/l	Pb mg/l	Se mg/l	Alpha pCi/l
25C-1	July	0.40	<0.011	0.6	9.0	<0.015	<0.018	<0.050	<0.100	12
	October	0.50	<0.004	0.7	7.4	0.006	<0.007	<0.002	<0.003	<10
	November	0.70	<0.004	1.9	0.0	0.003	<0.001	<0.002	<0.003	<10
3C-3	July	0.10	<0.110	<0.2	7.5	<0.015	<0.018	<0.050	<0.100	<10
	October	0.20	<0.004	<0.2	7.0	0.003	<0.007	<0.002	<0.003	<10
	November	0.40	<0.004	<0.2	0.0	0.004	<0.001	<0.002	<0.003	<10
17B-1	July	0.80	<0.110	<0.2	9.6	<0.015	<0.018	<0.050	<0.100	12
	October	0.50	<0.004	<0.2	7.3	0.004	<0.007	<0.002	<0.003	<10
	November	1.10	<0.004	0.4	0.0	0.003	0.005	<0.002	<0.003	<10
17B-2	July	0.10	<0.110	<0.2	7.6	<0.015	<0.018	<0.050	<0.100	<10
	October	<0.10	<0.004	<0.2	7.3	0.006	<0.007	<0.020	<0.003	<10
	November	0.10	<0.004	<0.2	0.0	0.005	<0.001	<0.002	<0.003	<10
2B-1	July	0.20	<0.110	<0.2	8.8	<0.015	<0.018	<0.050	<0.100	<10
	October	0.60	<0.004	0.4	7.6	0.007	<0.070	<0.002	<0.003	<10
	November	0.40	<0.004	0.6	0.0	0.003	<0.001	<0.002	<0.003	<10
1D-4	July	0.20	<0.110	0.3	8.6	<0.015	<0.018	<0.050	<0.100	<10
	October	0.20	<0.004	<0.2	7.8	0.003	<0.007	<0.002	<0.003	<10
	November	0.20	<0.004	<0.2	0.0	0.002	<0.001	<0.002	<0.003	<10
27A-2	July	0.50	<0.110	<0.2	8.2	<0.015	<0.018	<0.050	<0.100	14
	October	0.10	<0.004	<0.2	7.2	0.003	<0.007	<0.002	<0.003	<10
	November	0.40	<0.004	0.2	0.0	0.003	<0.001	<0.002	<0.003	<10
16B-2W	July	0.30	<0.110	<0.2	8.0	<0.015	<0.018	<0.050	<0.100	<10
	November	2.40	<0.004	<0.2	0.0	0.006	0.002	<0.002	<0.003	<10
	October	0.70	<0.004	1.4	7.3	0.003	<0.007	<0.002	0.004	<10
16B-2E	July	0.20	<0.110	<0.2	7.8	<0.015	<0.018	<0.050	<0.100	<10
	October	1.10	<0.004	2.7	7.3	0.005	<0.007	<0.002	0.004	<10
	November	2.90	<0.004	<0.2	0.0	0.005	0.003	<0.002	<0.003	<10
20C-2	July	0.80	<0.110	<0.2	7.2	<0.015	<0.018	<0.050	<0.100	<10
	October	0.20	<0.004	<0.2	7.4	0.003	<0.007	<0.002	<0.003	<10
	November	1.10	<0.004	0.3	0.0	0.005	<0.001	<0.002	<0.003	<10
26D-2	July	0.50	<0.110	<0.2	7.4	<0.015	<0.018	<0.050	<0.100	11
	October	0.50	<0.004	1.0	6.5	0.012	<0.007	<0.002	<0.003	<10
	November	0.40	<0.004	0.5	0.0	0.005	<0.001	<0.002	<0.003	11
36B-1	July	0.70	<0.110	0.5	8.2	<0.015	<0.018	<0.050	<0.100	<10
	October	5.00	<0.004	1.1	7.0	0.004	<0.007	<0.002	<0.003	<10
	November	11.60	<0.004	<0.2	0.0	0.003	<0.001	<0.002	<0.003	<10
35C-1	July	0.30	<0.110	<0.2	8.3	<0.015	<0.018	<0.050	<0.100	12
	October	2.00	<0.004	4.7	7.2	0.007	<0.007	<0.002	<0.003	12
	November	4.80	<0.004	0.5	0.0	0.006	<0.001	<0.002	<0.003	12
5A-4	July	0.40	<0.110	<0.2	8.8	<0.015	<0.018	<0.050	<0.100	<10
	October	0.70	<0.004	0.4	7.0	0.005	<0.007	<0.002	<0.003	<10
	November	0.70	<0.004	0.3	0.0	0.004	0.003	<0.002	<0.003	<10
9A-8	July	0.50	<0.110	2.6	7.5	<0.015	<0.018	<0.050	<0.100	13
	October	1.00	<0.004	<0.2	7.5	0.003	<0.007	<0.002	<0.003	<10
	November	8.20	<0.004	<0.2	0.0	0.002	<0.010	<0.002	<0.003	<10
12B-3	July	0.30	<0.110	1.2	7.4	<0.015	<0.018	<0.050	<0.100	<10
	October	0.20	<0.004	<0.2	7.1	0.005	<0.007	<0.002	<0.003	<10
	November	0.50	<0.004	0.3	0.0	0.003	<0.001	<0.002	<0.003	<10

TABLE 19

1986 FORAGE RESULTS (SEQUOYAH)

AREA	DATE	As ppm	B ppm	Co ppm	Cu ppm	Fe ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	V ppm	Zn ppm	U ppm	Th-230 pCi/gm	Ra-226 pCi/gm	Nitrate ppm	Protein (Dig-Dry) Percent	Protein (Crude-Dry) Percent	Weight Percent
SQH 270NW-1	05/05/86	<5.5	4.8	<.55	7.7	120	170	5.5	<3.4	<5	<1.2	31	0.24	0.014	0.04	2100	8.90%	13.30%	79.80%
SQH 270NW-2	06/26/86	<5.5	4.4	0.75	7.4	93.8	211	1.6	<3.4	<2.5	<1.5	30	0.087	0.053	0.051	5200	14.30%	19.10%	76.30%
SQH 160-4A-1	09/19/86	<30	<60	<1	5	370	220	<5	<2	<5	<2	24	0.15	0.011	0.04	11500	12.30%	17.00%	69.80%
SQH 270N-1	06/17/86	<5.5	3.6	2.8	7.2	350	240	3.3	<3.4	<5	<1.2	31	0.045	0.004	0.02	1300	12.70%	17.40%	76.00%
SQH 270N-2	09/16/86	<5.5	<1.2	<1	6	410	170	<5	<2	<5	<2	11	0.015	0.005	0.03	4900	7.60%	11.90%	74.60%
SQH 270SW-1	09/23/86	<5.5	<1.2	<1	6	80	99	6	<2	<5	<2	7	0.02	0.005	0.03	8400	10.80%	15.40%	75.40%
SQH 270SW-2	08/04/86	<11	<9	<1	6.9	348	240	4.2	0.7	<15	<.6	31	0.11	0.007	0.05	4100	5.10%	9.20%	48.90%
SQH 5-1-1	10/20/86	<0.4	<1.2	<1	5	81	120	<5	<2	<5	<2	24	0.07	0.004	0.07	500	6.90%	11.10%	65.60%
SQH AGLAND-1	05/05/86	<5.5	3.6	<.55	4.9	140	93	10	<3.4	<5	<1.2	29	<.02	0.012	0.02	1700	9.90%	5.80%	85.20%
SQH AGLAND-2	06/17/86	<5.5	3.6	<0.55	8.4	180	190	5.6	<3.4	<5	<1.2	28	<.02	0.003	0.03	1700	12.00%	16.60%	76.00%
SQH AGLAND-3	07/29/86	<12	<10	<1	13	420	66	2.5	<.6	<16	<.6	27	0.05	0.005	0.03	2500	6.70%	11.00%	65.90%
SQH AGLAND-4	09/09/86	<5.5	<1.2	<1	8	280	160	<5	<2	<5	<2	26	0.1	0.008	0.03	7300	10.40%	14.90%	73.50%
SQH I-1	07/30/86	<5.5	4.4	<0.55	5.9	198	161	9.6	<3.4	<2.5	<1.2	19	0.116	0.031	0.17	900	5.50%	9.60%	63.60%
SQH I-2	09/09/86	<5.5	<1.2	<1	8	380	150	<5	<2	<5	<2	27	0.08	0.011	0.03	1800	8.20%	12.60%	73.90%
SQH MONT-1	08/04/86	<12	<10	<1	2.8	<357	180	2.1	<.6	<15	<.6	32	0.05	0.003	0.04	2100	4.50%	8.60%	62.80%
SQH REMER-1	07/30/86	<5.5	5	1.2	5	111	241	1.4	<3.4	<2.5	<1.2	26	0.087	0.014	0.054	13600	11.80%	16.40%	78.60%
SQH REMER-2	10/07/86	<4	<1.2	<1	4.3	170	180	<5	<2	<5	<2	26	0.02	0.002	0.04	2800	10.90%	15.50%	66.70%
SQH VII-1	05/09/86	<5.5	3.6	6.2	5.5	99	92	5.9	<3.4	<5	<1.2	24	0.03	0.115	0.005	500	8.80%	13.20%	68.30%
SQH VII-2	09/09/86	<5.5	<1.2	<1	7	480	160	<5	<2	<5	2	29	0.09	0.013	0.08	4200	8.40%	12.70%	71.30%
SQH XI-1	05/09/86	<5.5	4.3	3.4	6	100	88	7.6	<3.4	<5	<1.2	26	<.02	0.015	0.02	500	8.10%	12.50%	81.60%
SQH XXIIIS-1	05/06/86	<5.5	4.7	2.8	6.2	110	110	6.3	<3.4	<5	<1.2	27	<.02	0.005	0.003	1500	8.60%	13.00%	84.10%
SQH XXIIIS-2	07/29/86	<12	<10	<1	5.9	1000	300	4.9	<.6	<15	0.7	26	0.03	0.004	0.05	6700	6.30%	10.60%	63.00%
SQH XXIIIS-3	10/07/86	<0.4	<1.2	<1	4	130	69	<5	<2	<5	<2	20	0.02	0.008	0.01	5100	11.90%	16.60%	74.00%
SQH XXIIIW-1	06/17/86	<5.5	3	4.4	4.6	440	200	7	<3.4	<5	<1.2	18	0.19	0.007	0.02	800	6.70%	11.00%	66.00%
SQH XXIIIW-2	09/16/86	<5.5	<1.2	<1	6	*	85	<5	<2	<5	<2	10	0.03	0.008	0.06	700	6.40%	10.60%	74.00%
SQH XXVII-2	10/07/86	<0.4	<1.2	<1	5	220	200	<5	<2	<5	<2	22	0.02	0.005	0.03	1900	10.60%	15.20%	54.00%

* SAMPLE TO BE RE-RUN DUE TO ANALYTICAL REASONS

TABLE 20
1986 FORAGE RESULTS (RABBIT HILL)

AREA	DATE	As ppm	B ppm	Co ppm	Cu ppm	Fe ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	V ppm	Zn ppm	U ppm	Th-230 pCi/gm	Ra-226 pCi/gm	Nitrate ppm	Protein (Dig-Dry) Percent	Protein (Crude-Dry) Percent	Weight Percent
RHH 1-1	05/14/86	<5.5	3.8	<.55	8.2	170	170	3.5	<3.4	<5	<1.2	28	0.08	0.02	0.04	6400	10.20%	14.70%	73.60%
RHH 2-1	07/13/86	<5.5	3.1	<.55	4	79	235	9.5	<3.4	6.5	<1.2	23	0.02	0.003	0.04	600	5.60%	9.80%	34.90%
RHH 2-2	09/09/86	<5.5	<1.2	<1	10	170	170	<5	<2	<5	<2	33	0.05	0.013	0.0001	2400	8.60%	13.00%	68.90%
RHH 4-1	05/13/86	<5.5	3.5	0.95	6	130	110	2	<3.4	<5	2.2	23	<0.03	0.004	0.02	3400	8.30%	12.60%	83.40%
RHH 5-1	05/05/86	<5.5	3.2	1.7	4.2	92	26	<.9	<3.4	<5	<1.2	<.25	<.02	0.003	0.01	800	12.70%	17.40%	86.80%
RHH 5-2	10/20/86	<0.4	<1.2	<1	3.9	100	180	<5	<2	<5	<2	21	0.03	0.003	0.03	2500	11.30%	15.90%	67.20%
RHH 5S-1-1	07/14/86	<5.5	4.8	<.55	5.1	273	111	4.1	<3.4	3.1	<1.2	29	0.04	0.012	0.11	600	4.90%	9.00%	50.20%
RHH 6-1	05/13/86	<5.5	4.4	1.2	7.2	120	91	6.2	<3.4	<5	<1.2	27	0.03	0.002	0.01	6900	10.80%	15.40%	79.70%
RHH 6-2	10/20/86	<0.4	<1.2	<1	5.9	73	360	<5	<2	<5	<2	23	0.03	0.018	0.02	1600	9.10%	13.50%	62.60%
RHH 9W-1	05/13/86	<5.5	3.6	<0.55	8.8	180	170	5	<3.4	<5	<1.2	28	<0.03	0.026	0.02	5100	12.10%	16.80%	79.30%
RHH 9W-2	09/09/86	<5.5	<1.2	<1	10	250	190	<5	<2	<5	<2	32	0.05	0.009	0.03	3400	9.40%	13.90%	70.30%

TABLE 21
1986 FORAGE RESULTS (GEORGES FORK)

AREA	DATE	As ppm	B ppm	Co ppm	Cu ppm	Fe ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	V ppm	Zn ppm	U ppm	Th-230 pCi/gm	Ra-226 pCi/gm	Nitrate ppm	Protein (Dig-Dry) Percent	Protein (Crude-Dry) Percent	Weight Percent
GFH 10C1-1	09/02/86	<5.5	<1.2	<1	7	150	61	<5	<2	<5	<2	28	0.08	0.018	0.05	3000	7.30%	11.60%	76.70%
GFH 10C3,C4-1	09/02/86	<5.5	<1.2	<1	8	150	88	<5	<2	<5	<2	44	0.05	0.1	0.04	1800	8.10%	12.50%	76.80%
GFH 10D-1-1	09/02/86	<5.5	<1.2	<1	6	220	110	<5	<2	<5	<2	57	0.02	0.014	0.06	4400	11.00%	15.60%	76.90%
GFH 10D-4-1	09/23/86	<5.5	<1.2	<1	4	120	54	<5	<2	<5	<2	7.9	0.01	0.003	0.03	7000	9.10%	13.50%	77.10%
GFH 1101-1	08/25/86	<5.5	<1.2	<2	10	170	140	<10	<4	<10	<4	33	0.04	0.01	0.01	2000	10.50%	15.10%	73.50%
GFH 12B-2, 12B-3,12B-4-1	10/07/86	<0.4	<1.2	<1	7.3	210	130	<5	<2	<5	<2	30	0.02	0.006	0.08	1500	11.30%	15.90%	73.00%
GFH 12B-5-1	10/07/86	<0.4	<1.2	<1	5	130	130	<5	<2	<5	<2	31	0.01	0.005	0.03	200	7.80%	12.10%	68.80%
GFH 16B2-1	09/09/86	<5.5	<1.2	<1	9	250	91	<5	<2	<5	<2	28	0.03	0.009	0.07	2700	8.00%	12.30%	69.20%
GFH 16C1,C2-1	09/02/86	<5.5	<1.2	<1	8	280	74	<5	2	<5	<2	28	0.02	0.002	0.1	2600	8.50%	12.90%	73.90%
GFH 16D-1,D-2-1	10/20/86	<0.4	<1.2	<1	3.7	95	140	<5	<2	<5	<2	28	0.09	0.041	0.05	8400	10.10%	14.60%	74.80%
GFH 17B-1,B-2-1	09/23/86	<5.5	<1.2	<1	8	110	88	<5	<2	<5	<2	12	0.08	0.012	0.04	1600	9.10%	13.60%	76.80%
GFH 17C1-1	09/09/86	<5.5	<1.2	<1	10	160	160	<5	<2	<5	<2	45	0.03	0.011	0.06	7100	11.70%	16.40%	73.80%
GFH 1C-1,C-3, D-4,D-1-1	09/23/86	<5.5	<1.2	<1	4	120	140	<5	<2	<5	<2	15	0.01	0.007	0.03	9500	11.40%	16.10%	71.10%
GFH 20A-2,A-5-1	09/02/86	<5.5	<1.2	<1	6	98	110	<5	<2	<5	<2	20	0.02	0.005	0.077	2100	10.40%	14.90%	75.00%
GFH 20A1,D2-1	09/02/86	<5.5	<1.2	<1	7	200	200	<5	<2	<5	<2	27	0.02	0.006	0.05	1300	8.00%	12.30%	71.60%
GFH 20A3-D4-1	09/02/86	<5.5	<1.2	<1	6	140	100	<5	<2	<5	<2	25	0.12	0.01	0.05	1500	8.20%	12.50%	74.10%
GFH 20B1,C2-1	09/02/86	<5.5	<1.2	<1	8	180	240	<5	2	<5	<2	29	0.03	0.005	0.04	1100	9.80%	14.30%	72.90%
GFH 26C-2-1	08/26/86	<5.5	<1.2	<2	10	140	160	<10	<4	<10	<4	29	0.03	0.03	0.13	3400	12.90%	17.60%	76.30%
GFH 26C-3-1	08/26/86	<5.5	<1.2	<2	11	170	110	<10	<4	<10	<4	28	0.03	0.02	0.04	4400	11.50%	16.10%	76.30%
GFH 26D-1-1	10/20/86	<0.4	<1.2	<1	6	110	240	<5	<2	<5	<2	25	0.02	0.015	0.02	900	11.20%	15.80%	73.30%
GFH 26D-2C-1	09/19/86	<5.5	<1.2	<1	4	110	180	<5	<2	<5	<2	7.6	0.01	0.002	0.04	1200	5.70%	9.80%	74.20%
GFH 26D-3-C6-2	09/19/86	<5.5	<1.2	<1	5	120	210	<5	<2	<5	<2	14	0.02	0.008	0.04	3500	9.30%	13.70%	82.20%
GFH 27A-2-1	08/26/86	<5.5	<1.2	<2	8	140	91	<10	<4	<10	<4	26	0.02	0.013	0.05	3000	7.70%	12.10%	67.50%
GFH 27A-3-1	08/26/86	<5.5	<1.2	<2	11	260	290	<10	<4	11	<4	32	0.06	0.01	0.038	4600	11.10%	15.70%	69.70%
GFH 27A1-1	10/20/86	<0.4	<1.2	<1	6	110	450	<5	<2	<5	<2	29	0.03	0.018	0.04	700	8.40%	12.80%	68.70%
GFH 27B-1-1	08/26/86	<5.5	<1.2	<2	9	650	79	<10	<4	<10	<4	34	0.23	0.05	0.15	5500	10.20%	14.80%	72.00%
GFH 27B-2-1	08/26/86	<5.5	<1.2	<2	9	250	190	<10	<4	<10	<4	25	0.03	0.013	0.032	2900	9.20%	13.60%	67.00%
GFH 27B3,B4-1	08/26/86	<5.5	<1.2	<2	6	270	60	<10	<4	<10	<4	27	0.09	0.01	0.048	3600	10.60%	15.10%	73.00%
GFH 27C-1-1	08/26/86	<5.5	<1.2	<2	12	230	210	<10	<4	<10	<4	46	0.03	0.02	0.05	2600	9.20%	13.60%	70.30%
GFH 27C-2-1	08/26/86	<5.5	<1.2	<2	7	240	110	<10	<4	<10	<4	29	0.09	0.03	0.06	2600	9.00%	13.50%	69.30%
GFH 27C-3-1	08/26/86	<5.5	<1.2	<2	<7	160	140	<10	<4	<10	<4	21	0.03	0.01	0.04	1950	7.30%	11.60%	71.50%
GFH 2A-7-1	08/25/86	<5.5	<1.2	<2	8	230	99	<10	<4	<10	<4	40	0.09	0.08	0.01	1900	9.30%	13.70%	65.30%
GFH 2B-1-1	08/25/86	<5.5	<1.2	<2	8	240	80	<10	<4	<10	<4	24	0.08	0.04	0.02	3500	10.40%	15.00%	68.60%
GFH 2C-1-1	09/23/86	<5.5	<1.2	<1	7	110	140	<5	<2	<5	<2	11	0.01	0.002	0.03	7200	9.30%	13.80%	74.20%
GFH 2C-2-1	08/25/86	<5.5	<1.2	<2	8	180	140	<10	<4	<10	<4	27	0.06	0.02	0.001	4100	10.00%	14.50%	71.80%
GFH 35A-1-1	08/26/86	<5.5	<1.2	<2	9	230	59	<10	4	<10	<4	42	0.03	0.03	0.06	7700	8.30%	12.70%	78.00%
GFH 36A-1,A-2-1	10/07/86	<0.4	<1.2	<1	3.5	210	230	<5	<2	<5	<2	23	0.01	0.005	0.05	3000	12.20%	16.90%	70.60%
GFH 3C5,C6-1	09/08/86	<5.5	<1.2	<1	6	150	56	<5	<2	<5	<2	23	0.03	0.009	0.02	2400	8.60%	13.00%	68.20%
GFH 3D-1,4A-2-1	09/10/86	<5.2	<1.2	<1	7	110	110	<5	<2	<5	<2	14	0.02	0.006	0.02	1300	9.70%	14.20%	77.00%
GFH 4A1-D2-D5-1	09/10/86	<5.5	<1.2	<1	9	120	120	<5	<2	<5	<2	16	0.01	0.001	0.03	2500	9.70%	14.20%	77.30%
GFH 4D1-D3-1	09/10/86	<5.5	<1.2	<1	5	120	140	<5	<2	<5	<2	10	0.01	0.005	0.05	2600	9.80%	14.30%	70.00%
GFH 4D6-1	09/15/86	<5.5	<1.2	<1	9	270	140	<5	<2	<5	<2	18	0.02	0.006	0.03	7000	14.40%	19.20%	85.60%
GFH 5A-1-1	09/10/86	<5.5	<1.2	<1	5	100	110	<5	<2	<5	<2	8.6	0.02	0.007	0.03	2800	10.40%	14.90%	68.90%
GFH 5A2-1	09/10/86	<5.5	<1.2	<1	7	170	130	<5	<2	<5	<2	16	0.02	0.003	0.06	5900	10.40%	15.00%	77.50%
GFH 5B2-2	09/09/86	<5.5	<1.2	<1	12	310	110	<5	<2	<5	<2	53	0.03	0.011	0.02	7100	11.70%	16.40%	74.90%
GFH 5B4-1	09/09/86	<5.5	<1.2	<1	11	290	140	<5	<2	<5	<2	37	0.12	0.008	0.05	4200	8.40%	12.70%	70.80%
GFH 9A-4,B-2-1	09/02/86	<5.5	<1.2	<1	9	230	130	<5	<2	<5	<2	27	0.14	0.121	0.44	1200	8.20%	12.60%	73.20%
GFH 9A7,A8-1	09/02/86	<5.5	<1.2	<1	14	660	100	<5	4	<5	<2	47	0.091	0.034	0.14	2000	8.30%	12.70%	76.40%
GFH 9B4,B6-1	09/02/86	<5.5	<1.2	<1	8	180	83	<5	<2	<5	<2	29	0.045	0.013	0.06	2600	8.40%	12.70%	74.40%

TABLE 22A

TC RESULTS BASELINE VEGETATION SAMPLES (GEORGES FORK) MAY 15,1986

SAMPLE ID	AREA	As mg/l	B mg/l	Ba mg/l	Cd mg/l	Co mg/l	Cr mg/l	Cu mg/l	Fe mg/l	Hg mg/l	Mg mg/l
3160	25C-1	15	12	25	<0.4	<1	2.4	4.7	1500	<0.05	1900
3161	25C-1	14	13	13	<0.4	<1	<0.9	3.2	59	<0.05	1800
3162	25C-1	<11	<10	20	<0.4	<1	<1	3.1	39	<0.05	1800
3163	3C-3	<11	<9	67	0.5	3.8	11	8.9	7800	<0.05	2080
3164	3C-3	36	<10	49	<0.4	2.5	9.8	4.7	5000	<0.05	1900
3165	3C-3	21	11	33	<0.4	<1	3.4	6.7	730	<0.05	2200
3166	17B-2	<11	10	23	<0.4	<1	<0.9	5.1	170	<0.05	2000
3167	17B-2	<11	<9	43	<0.4	<1	<0.9	4.5	45	<0.05	2300
3168	17B-2	15	<9	54	<0.4	1.8	2	6.9	79	<0.05	2000
3169	2B-2	14	15	29	0.4	1.1	1.4	3	41	<0.05	1400
3170	2B-2	12	10	37	0.4	<1	1	3	45	<0.05	1600
3171	2B-2	13	13	39	0.4	<1	3.7	3.1	84	<0.05	1400
3172	26D-2	<11	<9	46	<0.4	<1	1.3	5	60	<0.05	1900
3173	26D-2	<12	<10	39	<0.4	<1	2	6.1	64	<0.05	1700
3174	26D-2	<11	<9	39	<0.4	<1	6	4.3	210	<0.05	1900
3175	27A-2	<11	<9	32	<0.4	<1	1.1	4.5	150	<0.05	2000
3176	27A-2	<12	<10	73	<0.4	<1	3.1	8.4	200	<0.05	2700
3177	27A-2	<12	<10	78	<0.4	<1	1.6	5.2	170	<0.05	2500
3178	35C-1	<12	<10	48	<0.4	<1	2.3	7.7	140	<0.05	1900
3179	35C-1	<11	<9	35	<0.4	<1	1.4	3.6	120	<0.05	2000
3180	35C-1	<12	<10	36	<0.4	<1	1.7	5.2	200	<0.05	1700
3181	36B-1	<11	<9	23	<0.4	<1	2.9	12	290	<0.05	2100
3182	36B-1	<12	<10	25	<0.4	<1	2.1	6.6	250	<0.05	2600
3183	36B-1	<10	<9	18	<0.3	<1	1.6	3.5	330	<0.05	2700
3184	9A-8	<10	<9	27	<0.3	<1	1.8	3.9	280	<0.05	1900
3185	9A-8	<10	<8	16	<0.3	<1	1.4	2.2	170	<0.05	1900
3186	9A-8	<11	<10	18	<0.4	<1	1	2.8	130	<0.05	1600
3187	16B-2	<12	<10	31	<0.4	<1	1.9	5.4	140	<0.05	2000
3188	16B-2	<11	<9	43	<0.4	<1	<0.9	0.6	200	<0.05	1900
3189	16B-2	<11	<9	32	<0.4	<1	5.7	1.6	180	<0.05	1800
3190	20C-2	<11	<9	40	<0.4	<1	2.5	5.3	180	<0.05	1800
3191	20C-2	<11	<9	38	<0.4	<1	43	7.7	200	<0.05	1800
3192	20C-2	<10	<8	37	<0.3	<1	9	3.4	190	<0.05	2300
3193	12B-3	<12	<10	25	<0.4	<1	37	4	160	<0.05	1300
3194	12B-3	<10	<9	23	<0.3	<1	<0.9	<0.2	150	<0.05	1200
3195	12B-3	<11	<9	23	<0.4	<1	53	4.2	240	<0.05	1600
3196	5A-4	<11	<9	20	<0.4	<1	3.6	0.7	160	<0.05	1900
3197	5A-4	<11	<9	23	<0.4	<1	<0.9	<0.2	150	<0.05	2100
3198	5A-4	<11	<9	30	<0.4	<1	<0.9	<0.2	280	<0.05	1700

TC RESULTS

TABLE 22B
BASELINE VEGETATION SAMPLES (GEORGES FORK) MAY 15,1986

SAMPLE ID	AREA	Mo mg/l	Ni mg/l	Pb mg/l	Se mg/l	V mg/l	Zn mg/l	Ra-226 pCi/gm	Th-230 pCi/gm	Mn mg/l	U238 mg/l
3160	25C-1	<0.4	1.4	<14	<14	4.7	54	0.02	0.006	83	<0.02
3161	25C-1	<0.4	<0.6	<15	<15	2.5	11	0.009	0.014	53	0.06
3162	25C-1	<0.4	<0.6	<15	<15	4.5	12	0.01	0.004	64	<0.02
3163	3C-3	<0.4	7.3	<15	27	13	34	0.12	0.202	270	0.38
3164	3C-3	<0.4	4.9	<16	21	10	20	0.07	0.072	220	0.11
3165	3C-3	<0.4	1.4	<16	<16	5.7	21	0.02	0.019	190	<0.02
3166	17B-2	<0.4	<0.5	<14	<14	2	21	0.02	0.006	140	<0.02
3167	17B-2	<0.4	<0.6	<15	<15	2	23	0.02	0.005	100	<0.02
3168	17B-2	<0.4	<0.6	<15	<15	2.7	33	0.01	0.003	220	<0.02
3169	2B-2	<0.4	<0.5	<14	<14	2.5	11	0.02	0.006	95	0.02
3170	2B-2	<0.4	<0.6	<15	<15	2.6	16	0.051	0.007	100	0.03
3171	2B-2	<0.3	0.5	<13	<13	2.2	19	0.06	0.009	97	0.13
3172	26D-2	<0.4	<0.6	<15	<15	1.4	17	0.46	0.004	170	0.06
3173	26D-2	<0.4	1.2	<16	<16	1.9	27	0.02	0.01	150	0.11
3174	26D-2	2	<0.5	<14	<14	<0.5	22	0.014	0.006	160	0.03
3175	27A-2	<0.4	<0.5	<14	<14	<0.5	25	0.03	0.008	75	0.1
3176	27A-2	<0.4	<0.6	<16	<16	<0.6	44	0.05	0.005	130	0.08
3177	27A-2	<0.4	<0.6	<16	<16	<0.6	44	0.001	0.007	76	0.17
3178	35C-1	<0.4	<0.6	<15	<15	<0.6	35	0.034	0.006	130	<0.02
3179	35C-1	<0.4	<0.6	<15	<15	<0.6	24	0.03	0.004	130	0.1
3180	35C-1	<0.4	<0.6	<16	<16	<0.6	29	0.03	0.023	110	0.1
3181	36B-1	<0.4	1.1	<15	<15	<0.6	22	0.01	0.006	180	0.084
3182	36B-1	<0.4	<0.6	<16	<16	<0.6	33	0.12	0.002	170	0.084
3183	36B-1	<0.3	<0.5	<14	<14	<0.5	20	0.03	0.005	120	0.17
3184	9A-8	<0.3	<0.5	<14	<14	<0.5	27	0.007	0.011	210	0.17
3185	9A-8	<0.3	<0.5	<13	<13	<0.5	17	0.013	0.006	100	0.1
3186	9A-8	<0.4	<0.6	<15	<15	<0.6	19	0.01	0.014	56	0.15
3187	16B-2	<0.4	<0.6	<15	<15	<0.6	25	0.03	0.003	80	0.2
3188	16B-2	<0.4	<0.5	<14	<14	<0.5	28	0.01	0.003	75	0.35
3189	16B-2	<0.4	<0.6	<15	<15	<0.6	20	0.04	0.003	240	0.15
3190	20C-2	<0.4	<0.5	<14	<14	<0.5	27	0.02	0.002	130	0.14
3191	20C-2	<0.4	7.2	<15	<15	<0.6	25	0.01	0.002	96	0.22
3192	20C-2	<0.3	<0.5	<14	<14	<0.5	24	0.02	0.01	150	0.13
3193	12B-3	<0.4	5.2	<16	<16	<0.6	16	0.02	0.002	63	<0.02
3194	12B-3	<0.3	<0.5	<14	<14	<0.5	16	0.005	0.004	68	0.17
3195	12B-3	<0.4	7.5	<15	<15	<0.6	17	0.01	0.004	66	0.07
3196	5A-4	<0.4	<0.5	<15	<15	<0.5	16	0.01	0.002	140	<0.02
3197	5A-4	<0.4	<0.6	<15	<15	<0.6	10	0.01	0.001	130	0.1
3198	5A-4	<0.4	<0.6	<15	<15	<0.6	17	0.01	0.004	130	0.07

TABLE 22C

OSU RESULTS BASELINE VEGETATION SAMPLES (GEORGES FORK) MAY 15,1986

SAMPLE ID	AREA	MOISTURE %	CRUDE PROTEIN FED%	CRUDE PROTEIN DRY%	DIGESTABLE PROTEIN FED%	DIGESTABLE PROTEIN DRY%	NITRATE ppm
2001	25C-1	72.4%	1.8%	6.6%	0.7%	2.7%	300
2002	25C-1	66.1%	2.3%	6.8%	1.0%	2.8%	300
2003	25C-1	67.7%	2.4%	7.3%	1.1%	3.3%	300
2004	3C-3	65.0%	4.4%	12.4%	2.8%	8.1%	2900
2005	3C-3	57.3%		9.0%		4.9%	400
2006	3C-3	54.3%	5.7%	12.4%	3.7%	8.0%	500
2007	17B-2	72.0%	4.4%	15.7%	3.1%	11.2%	1400
2008	17B-2	59.8%	3.6%	8.8%	1.9%	4.7%	300
2009	17B-2	71.6%	2.7%	9.6%	1.6%	5.5%	900
2010	2B-1	59.2%		6.2%		2.3%	300
2011	2B-1	57.3%		7.0%		3.0%	300
2012	2B-1	45.6%	4.1%	7.5%	1.9%	3.5%	300
2013	26D-2	73.6%	1.1%	4.0%	0.1%	0.2%	500
2014	26D-2	76.7%	2.9%	12.3%	1.9%	7.9%	1700
2015	26D-2	72.6%	3.4%	12.3%	2.2%	7.9%	400
2016	27A-2	75.1%	3.4%	13.5%	2.3%	9.1%	6500
2017	27A-2	85.9%	2.3%	16.0%	1.6%	11.4%	10600
2018	27A-2	83.7%	1.5%	9.2%	0.8%	5.1%	41000 *
2019	35C-1	76.5%	2.7%	11.4%	1.7%	7.2%	700
2020	35C-1	76.9%		5.5%		1.6%	10600
2021	35C-1	76.1%		12.8%		8.4%	1500
2022	36B-1	75.9%		10.5%		6.2%	400
2023	36B-1	79.9%	3.3%	16.4%	2.4%	11.8%	13600
2024	36B-1	69.8%	2.8%	9.3%	1.6%	5.2%	400
2025	9A-8	77.3%	1.9%	8.3%	1.0%	4.3%	300
2026	9A-8	72.5%	2.6%	9.5%	1.5%	5.3%	400
2027	9A-8	61.9%	3.7%	9.7%	2.1%	5.6%	400
2028	16B-2	74.4%	2.8%	10.9%	1.7%	6.6%	500
2029	16B-2	79.4%		13.1%		8.7%	1100
2030	16B-2	79.9%	2.9%	14.4%	2.0%	9.9%	8500
2031	20C-2	76.0%	3.1%	12.7%	2.0%	8.3%	2400
2032	20C-2	70.8%	3.2%	11.0%	2.0%	6.7%	600
2033	20C-2	71.4%	3.0%	10.5%	1.8%	6.3%	500
2034	12B-3	69.6%	2.4%	7.9%	1.2%	3.9%	400
2035	12B-3	74.0%	2.9%	11.2%	1.8%	6.9%	4900
2036	12B-3	72.2%	2.9%	10.4%	1.7%	6.2%	600
2037	5A-4	76.9%	2.3%	10.0%	1.3%	5.8%	500
2038	5A-4	76.2%	2.1%	8.6%	1.1%	4.6%	400
2039	5A-4	76.1%	3.1%	13.1%	2.1%	8.7%	5200

* ANALYTICAL ERROR OSU

TABLE 23
1986 FORAGE RESULTS (CONTROL)

AREA	DATE	As ppm	B ppm	Co ppm	Cu ppm	Fe ppm	Mn ppm	Mo ppm	Ni ppm	Pb ppm	V ppm	Zn ppm	U ppm	Th-230 pCi/gm	Ra-226 pCi/gm	Nitrate ppm	Protein (Dig-Dry) Percent	Protein (Crude-Dry) Percent	Weight Percent
E.SAP.	09/09/86	<5.5	<1.2	<1	7	280	120	<5	<2	<5	<2	27	0.05	0.008	0.04	800	4.90%	9.00%	69.70%
26C-4 CONTROL	09/08/86	<5.5	<1.2	<1	7	630	75	<5	<2	<5	<2	35	0.03	0.009	0.05	3400	9.40%	13.90%	72.40%

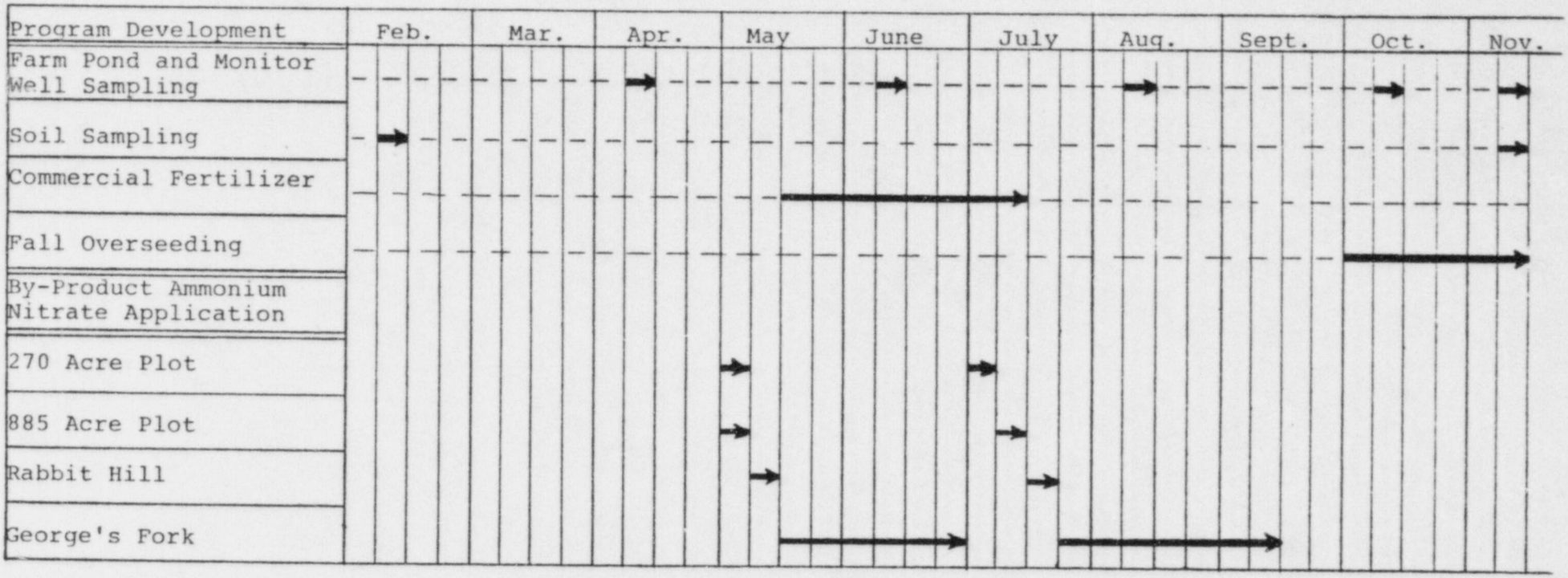

FIGURE 1

— — — PASSIVE

——— ACTIVE

Date 4-13-87
CJC

ATTACHMENT 1

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87 PAGE 1

LOCATION: 1C-1 AREA: EAST RANCH ACRES: 40.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	29.999	217.7038	247.7028	0.00	247.70
ARSENIC	0.0007	0.0126	0.0133	0.00	0.0133
BORON	0.0015	0.0235	0.0250	0.00	0.0250
CADMIUM	0.0000	0.0006	0.0006	0.00	0.0006
CHROMIUM	0.0001	0.0006	0.0007	0.00	0.0007
COBALT	0.0006	0.0051	0.0057	0.00	0.0057
COPPER	0.0087	0.0699	0.0786	0.00	0.0786
IRON	0.0000	0.0016	0.0016	0.00	0.0016
LEAD	0.0002	0.0017	0.0019	0.00	0.0019
MANGANESE	0.0112	0.1025	0.1137	0.00	0.1137
MOLYBDENUM	0.0107	0.0917	0.1024	0.00	0.1024
NICKEL	0.0187	0.1490	0.1677	0.00	0.1677
SELENIUM	0.0001	0.0115	0.0116	0.00	0.0116
URANIUM	0.0000	0.0001	0.0001	0.00	0.0001
VADNIUM	0.0019	0.0011	0.0030	0.00	0.0030
ZINC	0.0025	0.0234	0.0259	0.00	0.0259

			TOTAL GAL.	PER/ACRES
GAL.	6000	55000	61000	1525.00

LOCATION: 1C-3 AREA: EAST RANCH ACRES: 60.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	0.000	158.3300	158.3300	0.00	158.33
ARSENIC	0.0000	0.0092	0.0092	0.00	0.0092
BORON	0.0000	0.0171	0.0171	0.00	0.0171
CADMIUM	0.0000	0.0005	0.0005	0.00	0.0005
CHROMIUM	0.0000	0.0004	0.0004	0.00	0.0004
COBALT	0.0000	0.0037	0.0037	0.00	0.0037
COPPER	0.0000	0.0508	0.0508	0.00	0.0508
IRON	0.0000	0.0012	0.0012	0.00	0.0012
LEAD	0.0000	0.0012	0.0012	0.00	0.0012
MANGANESE	0.0000	0.0746	0.0746	0.00	0.0746
MOLYBDENUM	0.0000	0.0667	0.0667	0.00	0.0667
NICKEL	0.0000	0.1083	0.1083	0.00	0.1083
SELENIUM	0.0000	0.0083	0.0083	0.00	0.0083
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0000	0.0008	0.0008	0.00	0.0008
ZINC	0.0000	0.0170	0.0170	0.00	0.0170

			TOTAL GAL.	PER/ACRES
GAL.	0	60000	60000	1000.00

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87

LOCATION: 1D-2 AREA: EAST RANCH ACRES: 90.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	199.996	0.0000	199.9960	0.00	200.00
ARSENIC	0.0046	0.0000	0.0046	0.00	0.0046
BORON	0.0103	0.0000	0.0103	0.00	0.0103
CADMIUM	0.0003	0.0000	0.0003	0.00	0.0003
CHROMIUM	0.0004	0.0000	0.0004	0.00	0.0004
COBALT	0.0039	0.0000	0.0039	0.00	0.0039
COPPER	0.0579	0.0000	0.0579	0.00	0.0579
IRON	0.0001	0.0000	0.0001	0.00	0.0001
LEAD	0.0012	0.0000	0.0012	0.00	0.0012
MANGANESE	0.0750	0.0000	0.0750	0.00	0.0750
MOLYBDENUM	0.0717	0.0000	0.0717	0.00	0.0717
NICKEL	0.1250	0.0000	0.1250	0.00	0.1250
SELENIUM	0.0006	0.0000	0.0006	0.00	0.0006
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0129	0.0000	0.0129	0.00	0.0129
ZINC	0.0164	0.0000	0.0164	0.00	0.0164

			TOTAL GAL.	PER/ACRES
GAL.	90000	0	90000	1000.00

LOCATION: 1C-2 AREA: EAST RANCH ACRES: 80.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	172.496	217.7038	390.1998	0.00	390.20
ARSENIC	0.0040	0.0126	0.0166	0.00	0.0166
BORON	0.0089	0.0235	0.0324	0.00	0.0324
CADMIUM	0.0003	0.0006	0.0009	0.00	0.0009
CHROMIUM	0.0004	0.0006	0.0010	0.00	0.0010
COBALT	0.0034	0.0051	0.0085	0.00	0.0085
COPPER	0.0500	0.0699	0.1199	0.00	0.1199
IRON	0.0001	0.0016	0.0017	0.00	0.0017
LEAD	0.0011	0.0017	0.0028	0.00	0.0028
MANGANESE	0.0647	0.1025	0.1672	0.00	0.1672
MOLYBDENUM	0.0618	0.0917	0.1535	0.00	0.1535
NICKEL	0.1078	0.1490	0.2568	0.00	0.2568
SELENIUM	0.0005	0.0115	0.0120	0.00	0.0120
URANIUM	0.0000	0.0001	0.0001	0.00	0.0001
VADNIUM	0.0111	0.0011	0.0122	0.00	0.0122
ZINC	0.0142	0.0234	0.0376	0.00	0.0376

			TOTAL GAL.	PER/ACRES
GAL.	69000	110000	179000	2237.50

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87

LOCATION: 1D-4 AREA: EAST RANCH ACRES: 40.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	59.999	158.3300	218.3290	0.00	218.33
ARSENIC	0.0014	0.0092	0.0106	0.00	0.0106
BORON	0.0031	0.0171	0.0202	0.00	0.0202
CADMIUM	0.0001	0.0005	0.0006	0.00	0.0006
CHROMIUM	0.0001	0.0004	0.0005	0.00	0.0005
COBALT	0.0012	0.0037	0.0049	0.00	0.0049
COPPER	0.0174	0.0508	0.0682	0.00	0.0682
IRON	0.0000	0.0012	0.0012	0.00	0.0012
LEAD	0.0004	0.0012	0.0016	0.00	0.0016
MANGANESE	0.0225	0.0746	0.0971	0.00	0.0971
MOLYBDENUM	0.0215	0.0667	0.0882	0.00	0.0882
NICKEL	0.0375	0.1083	0.1458	0.00	0.1458
SELENIUM	0.0002	0.0083	0.0085	0.00	0.0085
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0039	0.0008	0.0047	0.00	0.0047
ZINC	0.0049	0.0170	0.0219	0.00	0.0219

			TOTAL GAL.	PER/ACRES
GAL.	12000	4000	52000	1300.00

LOCATION: 1D-1 AREA: EAST RANCH ACRES: 40.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	59.999	158.3300	218.3290	0.00	218.33
ARSENIC	0.0014	0.0092	0.0106	0.00	0.0106
BORON	0.0031	0.0171	0.0202	0.00	0.0202
CADMIUM	0.0001	0.0005	0.0006	0.00	0.0006
CHROMIUM	0.0001	0.0004	0.0005	0.00	0.0005
COBALT	0.0012	0.0037	0.0049	0.00	0.0049
COPPER	0.0174	0.0508	0.0682	0.00	0.0682
IRON	0.0000	0.0012	0.0012	0.00	0.0012
LEAD	0.0004	0.0012	0.0016	0.00	0.0016
MANGANESE	0.0225	0.0746	0.0971	0.00	0.0971
MOLYBDENUM	0.0215	0.0667	0.0882	0.00	0.0882
NICKEL	0.0375	0.1083	0.1458	0.00	0.1458
SELENIUM	0.0002	0.0083	0.0085	0.00	0.0085
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0039	0.0008	0.0047	0.00	0.0047
ZINC	0.0049	0.0170	0.0219	0.00	0.0219

			TOTAL GAL.	PER/ACRES
GAL.	12000	40000	52000	1300.00

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87

LOCATION: 11C-1 AREA: EAST RANCH ACRES: 90.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	93.331	158.3300	251.6610	0.00	251.66
ARSENIC	0.0021	0.0092	0.0113	0.00	0.0113
BORON	0.0048	0.0171	0.0219	0.00	0.0219
CADMIUM	0.0002	0.0005	0.0007	0.00	0.0007
CHROMIUM	0.0002	0.0004	0.0006	0.00	0.0006
COBALT	0.0018	0.0037	0.0055	0.00	0.0055
COPPER	0.0270	0.0508	0.0778	0.00	0.0778
IRON	0.0000	0.0012	0.0012	0.00	0.0012
LEAD	0.0006	0.0012	0.0018	0.00	0.0018
MANGANESE	0.0350	0.0746	0.1096	0.00	0.1096
MOLYBDENUM	0.0334	0.0667	0.1001	0.00	0.1001
NICKEL	0.0583	0.1083	0.1666	0.00	0.1666
SELENIUM	0.0003	0.0083	0.0086	0.00	0.0086
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0060	0.0008	0.0068	0.00	0.0068
ZINC	0.0077	0.0170	0.0247	0.00	0.0247

			TOTAL GAL.	PER/ACRES
GAL.	42000	90000	132000	1466.67

LOCATION: 11A-1 AREA: EAST RANCH ACRES: 90.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	166.663	26.3883	193.0513	0.00	193.05
ARSENIC	0.0038	0.0015	0.0053	0.00	0.0053
BORON	0.0086	0.0028	0.0114	0.00	0.0114
CADMIUM	0.0003	0.0001	0.0004	0.00	0.0004
CHROMIUM	0.0003	0.0001	0.0004	0.00	0.0004
COBALT	0.0033	0.0006	0.0039	0.00	0.0039
COPPER	0.0483	0.0085	0.0568	0.00	0.0568
IRON	0.0001	0.0002	0.0003	0.00	0.0003
LEAD	0.0010	0.0002	0.0012	0.00	0.0012
MANGANESE	0.0625	0.0124	0.0749	0.00	0.0749
MOLYBDENUM	0.0597	0.0111	0.0708	0.00	0.0708
NICKEL	0.1042	0.0181	0.1223	0.00	0.1223
SELENIUM	0.0005	0.0014	0.0019	0.00	0.0019
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0108	0.0001	0.0109	0.00	0.0109
ZINC	0.0137	0.0028	0.0165	0.00	0.0165

			TOTAL GAL.	PER/ACRES
GAL.	75000	15000	90000	1000.00

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87 PAGE 5

LOCATION: 11D-1 AREA: EAST RANCH ACRES: 60.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	166.663	158.3300	324.9930	0.00	324.99
ARSENIC	0.0038	0.0092	0.0130	0.00	0.0130
BORON	0.0086	0.0171	0.0257	0.00	0.0257
CADMIUM	0.0003	0.0005	0.0008	0.00	0.0008
CHROMIUM	0.0003	0.0004	0.0007	0.00	0.0007
COBALT	0.0033	0.0037	0.0070	0.00	0.0070
COPPER	0.0483	0.0508	0.0991	0.00	0.0991
IRON	0.0001	0.0012	0.0013	0.00	0.0013
LEAD	0.0010	0.0012	0.0022	0.00	0.0022
MANGANESE	0.0625	0.0746	0.1371	0.00	0.1371
MOLYBDENUM	0.0597	0.0667	0.1264	0.00	0.1264
NICKEL	0.1042	0.1083	0.2125	0.00	0.2125
SELENIUM	0.0005	0.0083	0.0088	0.00	0.0088
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0108	0.0008	0.0116	0.00	0.0116
ZINC	0.0137	0.0170	0.0307	0.00	0.0307

			TOTAL GAL.	PER/ACRES
GAL.	50000	60000	110000	1833.33

LOCATION: 2A-7 AREA: EAST RANCH ACRES: 39.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	256.405	142.0911	398.4961	0.00	398.50
ARSENIC	0.0059	0.0082	0.0141	0.00	0.0141
BORON	0.0132	0.0153	0.0285	0.00	0.0285
CADMIUM	0.0004	0.0004	0.0008	0.00	0.0008
CHROMIUM	0.0005	0.0004	0.0009	0.00	0.0009
COBALT	0.0050	0.0033	0.0083	0.00	0.0083
COPPER	0.0743	0.0456	0.1199	0.00	0.1199
IRON	0.0001	0.0010	0.0011	0.00	0.0011
LEAD	0.0016	0.0011	0.0027	0.00	0.0027
MANGANESE	0.0962	0.0669	0.1631	0.00	0.1631
MOLYBDENUM	0.0919	0.0598	0.1517	0.00	0.1517
NICKEL	0.1603	0.0972	0.2575	0.00	0.2575
SELENIUM	0.0008	0.0075	0.0083	0.00	0.0083
URANIUM	0.0001	0.0000	0.0001	0.00	0.0001
VADNIUM	0.0166	0.0007	0.0173	0.00	0.0173
ZINC	0.0210	0.0153	0.0363	0.00	0.0363

			TOTAL GAL.	PER/ACRES
GAL.	50000	35000	85000	2179.49

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87

LOCATION: 2B-1 AREA: EAST RANCH ACRES: 59.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	237.283	147.5958	384.8788	0.00	384.88
ARSENIC	0.0054	0.0085	0.0139	0.00	0.0139
BORON	0.0123	0.0159	0.0282	0.00	0.0282
CADMIUM	0.0004	0.0004	0.0008	0.00	0.0008
CHROMIUM	0.0005	0.0004	0.0009	0.00	0.0009
COBALT	0.0046	0.0035	0.0081	0.00	0.0081
COPPER	0.0687	0.0474	0.1161	0.00	0.1161
IRON	0.0001	0.0011	0.0012	0.00	0.0012
LEAD	0.0015	0.0012	0.0027	0.00	0.0027
MANGANESE	0.0890	0.0695	0.1585	0.00	0.1585
MOLYBDENUM	0.0850	0.0621	0.1471	0.00	0.1471
NICKEL	0.1483	0.1010	0.2493	0.00	0.2493
SELENIUM	0.0007	0.0078	0.0085	0.00	0.0085
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0153	0.0008	0.0161	0.00	0.0161
ZINC	0.0195	0.0158	0.0353	0.00	0.0353

			TOTAL GAL.	PER/ACRES
GAL.	70000	55000	125000	2118.64

LOCATION: 2C-2 AREA: EAST RANCH ACRES: 80.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	227.495	148.4344	375.9294	0.00	375.93
ARSENIC	0.0052	0.0086	0.0138	0.00	0.0138
BORON	0.0118	0.0160	0.0278	0.00	0.0278
CADMIUM	0.0004	0.0004	0.0008	0.00	0.0008
CHROMIUM	0.0005	0.0004	0.0009	0.00	0.0009
COBALT	0.0045	0.0035	0.0080	0.00	0.0080
COPPER	0.0659	0.0477	0.1136	0.00	0.1136
IRON	0.0001	0.0011	0.0012	0.00	0.0012
LEAD	0.0014	0.0012	0.0026	0.00	0.0026
MANGANESE	0.0853	0.0699	0.1552	0.00	0.1552
MOLYBDENUM	0.0815	0.0625	0.1440	0.00	0.1440
NICKEL	0.1422	0.1016	0.2438	0.00	0.2438
SELENIUM	0.0007	0.0078	0.0085	0.00	0.0085
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0147	0.0008	0.0155	0.00	0.0155
ZINC	0.0187	0.0159	0.0346	0.00	0.0346

			TOTAL GAL.	PER/ACRES
GAL.	91000	75000	166000	2075.00

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87

LOCATION: 2A-6,2A-5 AREA: EAST RANCH ACRES: 36.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	194.440	153.9320	348.3720	0.00	348.37
ARSENIC	0.0045	0.0089	0.0134	0.00	0.0134
BORON	0.0100	0.0166	0.0266	0.00	0.0266
CADMIUM	0.0003	0.0004	0.0007	0.00	0.0007
CHROMIUM	0.0004	0.0004	0.0008	0.00	0.0008
COBALT	0.0038	0.0036	0.0074	0.00	0.0074
COPPER	0.0563	0.0494	0.1057	0.00	0.1057
IRON	0.0001	0.0011	0.0012	0.00	0.0012
LEAD	0.0012	0.0012	0.0024	0.00	0.0024
MANGANESE	0.0729	0.0725	0.1454	0.00	0.1454
MOLYBDENUM	0.0697	0.0648	0.1345	0.00	0.1345
NICKEL	0.1215	0.1053	0.2268	0.00	0.2268
SELENIUM	0.0006	0.0081	0.0087	0.00	0.0087
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0126	0.0008	0.0134	0.00	0.0134
ZINC	0.0160	0.0165	0.0325	0.00	0.0325

			TOTAL GAL.	PER/ACRES
GAL.	35000	35000	70000	1944.44

LOCATION: 2A-3,35B-5 AREA: EAST RANCH ACRES: 45.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	199.996	87.9611	287.9571	0.00	287.96
ARSENIC	0.0046	0.0051	0.0097	0.00	0.0097
BORON	0.0103	0.0095	0.0198	0.00	0.0198
CADMIUM	0.0003	0.0003	0.0006	0.00	0.0006
CHROMIUM	0.0004	0.0002	0.0006	0.00	0.0006
COBALT	0.0039	0.0021	0.0060	0.00	0.0060
COPPER	0.0579	0.0282	0.0861	0.00	0.0861
IRON	0.0001	0.0006	0.0007	0.00	0.0007
LEAD	0.0012	0.0007	0.0019	0.00	0.0019
MANGANESE	0.0750	0.0414	0.1164	0.00	0.1164
MOLYBDENUM	0.0717	0.0370	0.1087	0.00	0.1087
NICKEL	0.1250	0.0602	0.1852	0.00	0.1852
SELENIUM	0.0006	0.0046	0.0052	0.00	0.0052
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0129	0.0005	0.0134	0.00	0.0134
ZINC	0.0164	0.0094	0.0258	0.00	0.0258

			TOTAL GAL.	PER/ACRES
GAL.	45000	25000	70000	1555.56

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87

LOCATION: 2D-1,2,3,4,2A-1 AREA: EAST RANCH ACRES: 60.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	283.327	118.7475	402.0745	0.00	402.07
ARSENIC	0.0065	0.0069	0.0134	0.00	0.0134
BORON	0.0146	0.0128	0.0274	0.00	0.0274
CADMIUM	0.0005	0.0003	0.0008	0.00	0.0008
CHROMIUM	0.0006	0.0003	0.0009	0.00	0.0009
COBALT	0.0055	0.0028	0.0083	0.00	0.0083
COPPER	0.0820	0.0381	0.1201	0.00	0.1201
IRON	0.0001	0.0009	0.0010	0.00	0.0010
LEAD	0.0018	0.0009	0.0027	0.00	0.0027
MANGANESE	0.1062	0.0559	0.1621	0.00	0.1621
MOLYBDENUM	0.1015	0.0500	0.1515	0.00	0.1515
NICKEL	0.1771	0.0812	0.2583	0.00	0.2583
SELENIUM	0.0009	0.0062	0.0071	0.00	0.0071
URANIUM	0.0001	0.0000	0.0001	0.00	0.0001
VADNIUM	0.0183	0.0006	0.0189	0.00	0.0189
ZINC	0.0233	0.0127	0.0360	0.00	0.0360

			TOTAL GAL.	PER/ACRES
GAL.	85000	45000	130000	2166.67

LOCATION: 2B-2,2B-3 AREA: EAST RANCH ACRES: 100.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	157.997	237.4951	395.4921	0.00	395.49
ARSENIC	0.0036	0.0137	0.0173	0.00	0.0173
BORON	0.0082	0.0256	0.0338	0.00	0.0338
CADMIUM	0.0003	0.0007	0.0010	0.00	0.0010
CHROMIUM	0.0003	0.0006	0.0009	0.00	0.0009
COBALT	0.0031	0.0056	0.0087	0.00	0.0087
COPPER	0.0458	0.0762	0.1220	0.00	0.1220
IRON	0.0001	0.0017	0.0018	0.00	0.0018
LEAD	0.0010	0.0019	0.0029	0.00	0.0029
MANGANESE	0.0592	0.1119	0.1711	0.00	0.1711
MOLYBDENUM	0.0566	0.1000	0.1566	0.00	0.1566
NICKEL	0.0987	0.1625	0.2612	0.00	0.2612
SELENIUM	0.0005	0.0125	0.0130	0.00	0.0130
URANIUM	0.0000	0.0001	0.0001	0.00	0.0001
VADNIUM	0.0102	0.0012	0.0114	0.00	0.0114
ZINC	0.0130	0.0255	0.0385	0.00	0.0385

			TOTAL GAL.	PER/ACRES
GAL.	79000	150000	229000	2290.00

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87

LOCATION: 2C-1 AREA: EAST RANCH ACRES: 100.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	143.997	189.9960	333.9930	0.00	333.99
ARSENIC	0.0033	0.0110	0.0143	0.00	0.0143
BORON	0.0074	0.0205	0.0279	0.00	0.0279
CADMIUM	0.0002	0.0005	0.0007	0.00	0.0007
CHROMIUM	0.0003	0.0005	0.0008	0.00	0.0008
COBALT	0.0028	0.0044	0.0072	0.00	0.0072
COPPER	0.0417	0.0610	0.1027	0.00	0.1027
IRON	0.0001	0.0014	0.0015	0.00	0.0015
LEAD	0.0009	0.0015	0 0024	0.00	0.0024
MANGANESE	0.0540	0.0895	0.1435	0.00	0.1435
MOLYBDENUM	0.0516	0.0800	0.1316	0.00	0.1316
NICKEL	0.0900	0.1300	0.2200	0.00	0.2200
SELENIUM	0.0004	0.0100	0.0104	0.00	0.0104
URANIUM	0.0000	0.0001	0.0001	0.00	0.0001
VADNIUM	0.0093	0.0010	0.0103	0.00	0.0103
ZINC	0.0118	0.0204	0.0322	0.00	0.0322

			TOTAL GAL.	PER/ACRES
GAL.	72000	120000	192000	1920.00

LOCATION: 25D-2 AREA: EAST RANCH ACRES: 50.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	0.000	158.3300	158.3300	0.00	158.33
ARSENIC	0.0000	0.0092	0.0092	0.00	0.0092
BORON	0.0000	0.0171	0.0171	0.00	0.0171
CADMIUM	0.0000	0.0005	0.0005	0.00	0.0005
CHROMIUM	0.0000	0.0004	0.0004	0.00	0.0004
COBALT	0.0000	0.0037	0.0037	0.00	0.0037
COPPER	0.0000	0.0508	0.0508	0.00	0.0508
IRON	0.0000	0.0012	0.0012	0.00	0.0012
LEAD	0.0000	0.0012	0.0012	0.00	0.0012
MANGANESE	0.0000	0.0746	0.0746	0.00	0.0746
MOLYBDENUM	0.0000	0.0667	0.0667	0.00	0.0667
NICKEL	0.0000	0.1083	0.1083	0.00	0.1083
SELENIUM	0.0000	0.0083	0.0083	0.00	0.0083
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0000	0.0008	0.0008	0.00	0.0008
ZINC	0.0000	0.0170	0.0170	0.00	0.0170

			TOTAL GAL.	PER/ACRES
GAL.	0	50000	50000	1000.00

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87

LOCATION: 25C-1 AREA: EAST RANCH ACRES: 100.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	0.000	158.3300	158.3300	0.00	158.33
ARSENIC	0.0000	0.0092	0.0092	0.00	0.0092
BORON	0.0000	0.0171	0.0171	0.00	0.0171
CADMIUM	0.0000	0.0005	0.0005	0.00	0.0005
CHROMIUM	0.0000	0.0004	0.0004	0.00	0.0004
COBALT	0.0000	0.0037	0.0037	0.00	0.0037
COPPER	0.0000	0.0508	0.0508	0.00	0.0508
IRON	0.0000	0.0012	0.0012	0.00	0.0012
LEAD	0.0000	0.0012	0.0012	0.00	0.0012
MANGANESE	0.0000	0.0746	0.0746	0.00	0.0746
MOLYBDENUM	0.0000	0.0667	0.0667	0.00	0.0667
NICKEL	0.0000	0.1083	0.1083	0.00	0.1083
SELENIUM	0.0000	0.0083	0.0083	0.00	0.0083
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0000	0.0008	0.0008	0.00	0.0008
ZINC	0.0000	0.0170	0.0170	0.00	0.0170

			TOTAL GAL.	PER/ACRES
GAL.	0	100000	100000	1000.00

LOCATION: 25C-3,4,25B-3,36D-1 AREA: EAST RANCH ACRES: 62.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	209.673	165.9912	375.6642	0.00	375.66
ARSENIC	0.0048	0.0096	0.0144	0.00	0.0144
BORON	0.0108	0.0179	0.0287	0.00	0.0287
CADMIUM	0.0003	0.0005	0.0008	0.00	0.0008
CHROMIUM	0.0004	0.0004	0.0008	0.00	0.0008
COBALT	0.0041	0.0039	0.0080	0.00	0.0080
COPPER	0.0607	0.0533	0.1140	0.00	0.1140
IRON	0.0001	0.0012	0.0013	0.00	0.0013
LEAD	0.0013	0.0013	0.0026	0.00	0.0026
MANGANESE	0.0786	0.0782	0.1568	0.00	0.1568
MOLYBDENUM	0.0751	0.0699	0.1450	0.00	0.1450
NICKEL	0.1310	0.1136	0.2446	0.00	0.2446
SELENIUM	0.0007	0.0087	0.0094	0.00	0.0094
URANIUM	0.0000	0.0001	0.0001	0.00	0.0001
VADNIUM	0.0135	0.0009	0.0144	0.00	0.0144
ZINC	0.0172	0.0178	0.0350	0.00	0.0350

			TOTAL GAL.	PER/ACRES
GAL.	65000	65000	130000	2096.77

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87 PAGE 11

LOCATION: 25B-3 AREA: EAST RANCH ACRES: 35.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	201.139	158.3300	359.4690	0.00	359.47
ARSENIC	0.0046	0.0092	0.0138	0.00	0.0138
BORON	0.0104	0.0171	0.0275	0.00	0.0275
CADMIUM	0.0003	0.0005	0.0008	0.00	0.0008
CHROMIUM	0.0004	0.0004	0.0008	0.00	0.0008
COBALT	0.0039	0.0037	0.0076	0.00	0.0076
COPPER	0.0582	0.0508	0.1090	0.00	0.1090
IRON	0.0001	0.0012	0.0013	0.00	0.0013
LEAD	0.0013	0.0012	0.0025	0.00	0.0025
MANGANESE	0.0754	0.0746	0.1500	0.00	0.1500
MOLYBDENUM	0.0721	0.0667	0.1388	0.00	0.1388
NICKEL	0.1257	0.1083	0.2340	0.00	0.2340
SELENIUM	0.0006	0.0083	0.0089	0.00	0.0089
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0130	0.0008	0.0138	0.00	0.0138
ZINC	0.0165	0.0170	0.0335	0.00	0.0335

			TOTAL GAL.	PER/ACRES
GAL.	35200	35000	70200	2005.71

LOCATION: 26D-3 AREA: EAST RANCH ACRES: 39.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	179.483	142.0911	321.5741	0.00	321.57
ARSENIC	0.0041	0.0082	0.0123	0.00	0.0123
BORON	0.0093	0.0153	0.0246	0.00	0.0246
CADMIUM	0.0003	0.0004	0.0007	0.00	0.0007
CHROMIUM	0.0004	0.0004	0.0008	0.00	0.0008
COBALT	0.0035	0.0033	0.0068	0.00	0.0068
COPPER	0.0520	0.0456	0.0976	0.00	0.0976
IRON	0.0001	0.0010	0.0011	0.00	0.0011
LEAD	0.0011	0.0011	0.0022	0.00	0.0022
MANGANESE	0.0673	0.0669	0.1342	0.00	0.1342
MOLYBDENUM	0.0643	0.0598	0.1241	0.00	0.1241
NICKEL	0.1122	0.0972	0.2094	0.00	0.2094
SELENIUM	0.0006	0.0075	0.0081	0.00	0.0081
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0116	0.0007	0.0123	0.00	0.0123
ZINC	0.0147	0.0153	0.0300	0.00	0.0300

			TOTAL GAL.	PER/ACRES
GAL.	35000	35000	70000	1794.87

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87

LOCATION: 26D-1 AREA: EAST RANCH ACRES: 78.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	166.663	152.2404	318.9034	0.00	318.90
ARSENIC	0.0038	0.0088	0.0126	0.00	0.0126
BORON	0.0086	0.0164	0.0250	0.00	0.0250
CADMIUM	0.0003	0.0004	0.0007	0.00	0.0007
CHROMIUM	0.0003	0.0004	0.0007	0.00	0.0007
COBALT	0.0033	0.0036	0.0069	0.00	0.0069
COPPER	0.0483	0.0489	0.0972	0.00	0.0972
IRON	0.0001	0.0011	0.0012	0.00	0.0012
LEAD	0.0010	0.0012	0.0022	0.00	0.0022
MANGANESE	0.0625	0.0717	0.1342	0.00	0.1342
MOLYBDENUM	0.0597	0.0641	0.1238	0.00	0.1238
NICKEL	0.1042	0.1042	0.2084	0.00	0.2084
SELENIUM	0.0005	0.0080	0.0085	0.00	0.0085
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0108	0.0008	0.0116	0.00	0.0116
ZINC	0.0137	0.0163	0.0300	0.00	0.0300

			TOTAL GAL.	PER/ACRES
GAL.	65000	75000	140000	1794.87

LOCATION: 26A-2 AREA: EAST RANCH ACRES: 30.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	199.996	131.9417	331.9377	0.00	331.94
ARSENIC	0.0046	0.0076	0.0122	0.00	0.0122
BORON	0.0103	0.0142	0.0245	0.00	0.0245
CADMIUM	0.0003	0.0004	0.0007	0.00	0.0007
CHROMIUM	0.0004	0.0003	0.0007	0.00	0.0007
COBALT	0.0039	0.0031	0.0070	0.00	0.0070
COPPER	0.0579	0.0424	0.1003	0.00	0.1003
IRON	0.0001	0.0010	0.0011	0.00	0.0011
LEAD	0.0012	0.0010	0.0022	0.00	0.0022
MANGANESE	0.0750	0.0622	0.1372	0.00	0.1372
MOLYBDENUM	0.0717	0.0556	0.1273	0.00	0.1273
NICKEL	0.1250	0.0903	0.2153	0.00	0.2153
SELENIUM	0.0006	0.0069	0.0075	0.00	0.0075
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0129	0.0007	0.0136	0.00	0.0136
ZINC	0.0164	0.0142	0.0306	0.00	0.0306

			TOTAL GAL.	PER/ACRES
GAL.	30000	25000	55000	1833.33

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87

LOCATION: 26C-2 AREA: EAST RANCH ACRES: 15.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	199.996	0.0000	199.9960	0.00	200.00
ARSENIC	0.0046	0.0000	0.0046	0.00	0.0046
BORON	0.0103	0.0000	0.0103	0.00	0.0103
CADMIUM	0.0003	0.0000	0.0003	0.00	0.0003
CHROMIUM	0.0004	0.0000	0.0004	0.00	0.0004
COBALT	0.0039	0.0000	0.0039	0.00	0.0039
COPPER	0.0579	0.0000	0.0579	0.00	0.0579
IRON	0.0001	0.0000	0.0001	0.00	0.0001
LEAD	0.0012	0.0000	0.0012	0.00	0.0012
MANGANESE	0.0750	0.0000	0.0750	0.00	0.0750
MOLYBDENUM	0.0717	0.0000	0.0717	0.00	0.0717
NICKEL	0.1250	0.0000	0.1250	0.00	0.1250
SELENIUM	0.0006	0.0000	0.0006	0.00	0.0006
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0129	0.0000	0.0129	0.00	0.0129
ZINC	0.0164	0.0000	0.0164	0.00	0.0164

			TOTAL GAL.	PER/ACRES
GAL.	15000	0	15000	1000.00

LOCATION: 26C-3 AREA: EAST RANCH ACRES: 36.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	194.440	0.0000	194.4400	0.00	194.44
ARSENIC	0.0045	0.0000	0.0045	0.00	0.0045
BORON	0.0100	0.0000	0.0100	0.00	0.0100
CADMIUM	0.0003	0.0000	0.0003	0.00	0.0003
CHROMIUM	0.0004	0.0000	0.0004	0.00	0.0004
COBALT	0.0038	0.0000	0.0038	0.00	0.0038
COPPER	0.0563	0.0000	0.0563	0.00	0.0563
IRON	0.0001	0.0000	0.0001	0.00	0.0001
LEAD	0.0012	0.0000	0.0012	0.00	0.0012
MANGANESE	0.0729	0.0000	0.0729	0.00	0.0729
MOLYBDENUM	0.0697	0.0000	0.0697	0.00	0.0697
NICKEL	0.1215	0.0000	0.1215	0.00	0.1215
SELENIUM	0.0006	0.0000	0.0006	0.00	0.0006
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0126	0.0000	0.0126	0.00	0.0126
ZINC	0.0160	0.0000	0.0160	0.00	0.0160

			TOTAL GAL.	PER/ACRES
GAL.	35000	0	35000	972.22

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87

LOCATION: 26A-1,3 AREA: EAST RANCH ACRES: 78.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	179.483	152.2404	331.7234	0.00	331.72
ARSENIC	0.0041	0.0088	0.0129	0.00	0.0129
BORON	0.0093	0.0164	0.0257	0.00	0.0257
CADMIUM	0.0003	0.0004	0.0007	0.00	0.0007
CHROMIUM	0.0004	0.0004	0.0008	0.00	0.0008
COBALT	0.0035	0.0036	0.0071	0.00	0.0071
COPPER	0.0520	0.0489	0.1009	0.00	0.1009
IRON	0.0001	0.0011	0.0012	0.00	0.0012
LEAD	0.0011	0.0012	0.0023	0.00	0.0023
MANGANESE	0.0673	0.0717	0.1390	0.00	0.1390
MOLYBDENUM	0.0643	0.0641	0.1284	0.00	0.1284
NICKEL	0.1122	0.1042	0.2164	0.00	0.2164
SELENIUM	0.0006	0.0080	0.0086	0.00	0.0086
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0116	0.0008	0.0124	0.00	0.0124
ZINC	0.0147	0.0163	0.0310	0.00	0.0310

			TOTAL GAL.	PER/ACRES
GAL.	70000	75000	145000	1858.97

LOCATION: 26B-3,4 AREA: EAST RANCH ACRES: 60.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	216.662	158.3300	374.9920	0.00	374.99
ARSENIC	0.0050	0.0092	0.0142	0.00	0.0142
BORON	0.0112	0.0171	0.0283	0.00	0.0283
CADMIUM	0.0004	0.0005	0.0009	0.00	0.0009
CHROMIUM	0.0005	0.0004	0.0009	0.00	0.0009
COBALT	0.0042	0.0037	0.0079	0.00	0.0079
COPPER	0.0627	0.0508	0.1135	0.00	0.1135
IRON	0.0001	0.0012	0.0013	0.00	0.0013
LEAD	0.0014	0.0012	0.0026	0.00	0.0026
MANGANESE	0.0812	0.0746	0.1558	0.00	0.1558
MOLYBDENUM	0.0776	0.0667	0.1443	0.00	0.1443
NICKEL	0.1354	0.1083	0.2437	0.00	0.2437
SELENIUM	0.0007	0.0083	0.0090	0.00	0.0090
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0140	0.0008	0.0148	0.00	0.0148
ZINC	0.0178	0.0170	0.0348	0.00	0.0348

			TOTAL GAL.	PER/ACRES
GAL.	65000	60000	125000	2083.33

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87

LOCATION: 26C-5 AREA: EAST RANCH ACRES: 32.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	187.496	148.4344	335.9304	0.00	335.93
ARSENIC	0.0043	0.0086	0.0129	0.00	0.0129
BORON	0.0097	0.0160	0.0257	0.00	0.0257
CADMIUM	0.0003	0.0004	0.0007	0.00	0.0007
CHROMIUM	0.0004	0.0004	0.0008	0.00	0.0008
COBALT	0.0037	0.0035	0.0072	0.00	0.0072
COPPER	0.0543	0.0477	0.1020	0.00	0.1020
IRON	0.0001	0.0011	0.0012	0.00	0.0012
LEAD	0.0012	0.0012	0.0024	0.00	0.0024
MANGANESE	0.0703	0.0699	0.1402	0.00	0.1402
MOLYBDENUM	0.0672	0.0625	0.1297	0.00	0.1297
NICKEL	0.1172	0.1016	0.2188	0.00	0.2188
SELENIUM	0.0006	0.0078	0.0084	0.00	0.0084
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0121	0.0008	0.0129	0.00	0.0129
ZINC	0.0154	0.0159	0.0313	0.00	0.0313

			TOTAL GAL.	PER/ACRES
GAL.	30000	30000	60000	1875.00

LOCATION: 26B-2 AREA: EAST RANCH ACRES: 33.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	181.814	143.9364	325.7504	0.00	325.75
ARSENIC	0.0042	0.0083	0.0125	0.00	0.0125
BORON	0.0094	0.0155	0.0249	0.00	0.0249
CADMIUM	0.0003	0.0004	0.0007	0.00	0.0007
CHROMIUM	0.0004	0.0004	0.0008	0.00	0.0008
COBALT	0.0036	0.0034	0.0070	0.00	0.0070
COPPER	0.0527	0.0462	0.0989	0.00	0.0989
IRON	0.0001	0.0011	0.0012	0.00	0.0012
LEAD	0.0011	0.0011	0.0022	0.00	0.0022
MANGANESE	0.0682	0.0678	0.1360	0.00	0.1360
MOLYBDENUM	0.0652	0.0606	0.1258	0.00	0.1258
NICKEL	0.1136	0.0985	0.2121	0.00	0.2121
SELENIUM	0.0006	0.0076	0.0082	0.00	0.0082
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0117	0.0008	0.0125	0.00	0.0125
ZINC	0.0149	0.0155	0.0304	0.00	0.0304

			TOTAL GAL.	PER/ACRES
GAL.	30000	30000	60000	1818.18

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87 PAGE 16

LOCATION: 26B-1 AREA: EAST RANCH ACRES: 36.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	149.997	153.9320	303.9290	0.00	303.93
ARSENIC	0.0034	0.0089	0.0123	0.00	0.0123
BORON	0.0077	0.0166	0.0243	0.00	0.0243
CADMIUM	0.0002	0.0004	0.0006	0.00	0.0006
CHROMIUM	0.0003	0.0004	0.0007	0.00	0.0007
COBALT	0.0029	0.0036	0.0065	0.00	0.0065
COPPER	0.0434	0.0494	0.0928	0.00	0.0928
IRON	0.0001	0.0011	0.0012	0.00	0.0012
LEAD	0.0009	0.0012	0.0021	0.00	0.0021
MANGANESE	0.0562	0.0725	0.1287	0.00	0.1287
MOLYBDENUM	0.0537	0.0648	0.1185	0.00	0.1185
NICKEL	0.0937	0.1053	0.1990	0.00	0.1990
SELENIUM	0.0005	0.0081	0.0086	0.00	0.0086
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0097	0.0008	0.0105	0.00	0.0105
ZINC	0.0123	0.0165	0.0288	0.00	0.0288

			TOTAL GAL.	PER/ACRES
GAL.	27000	35000	62000	1722.22

LOCATION: 27A-3 AREA: EAST RANCH ACRES: 40.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	194.996	158.3300	353.3260	0.00	353.33
ARSENIC	0.0045	0.0092	0.0137	0.00	0.0137
BORON	0.0101	0.0171	0.0272	0.00	0.0272
CADMIUM	0.0003	0.0005	0.0008	0.00	0.0008
CHROMIUM	0.0004	0.0004	0.0008	0.00	0.0008
COBALT	0.0038	0.0037	0.0075	0.00	0.0075
COPPER	0.0565	0.0508	0.1073	0.00	0.1073
IRON	0.0001	0.0012	0.0013	0.00	0.0013
LEAD	0.0012	0.0012	0.0024	0.00	0.0024
MANGANESE	0.0731	0.0746	0.1477	0.00	0.1477
MOLYBDENUM	0.0699	0.0667	0.1366	0.00	0.1366
NICKEL	0.1219	0.1083	0.2302	0.00	0.2302
SELENIUM	0.0006	0.0083	0.0089	0.00	0.0089
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0126	0.0008	0.0134	0.00	0.0134
ZINC	0.0160	0.0170	0.0330	0.00	0.0330

			TOTAL GAL.	PER/ACRES
GAL.	39000	40000	79000	1975.00

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87

LOCATION: 27B-1 AREA: EAST RANCH ACRES: 47.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	208.506	0.0000	208.5060	0.00	208.51
ARSENIC	0.0048	0.0000	0.0048	0.00	0.0048
BORON	0.0108	0.0000	0.0108	0.00	0.0108
CADMIUM	0.0003	0.0000	0.0003	0.00	0.0003
CHROMIUM	0.0004	0.0000	0.0004	0.00	0.0004
COBALT	0.0041	0.0000	0.0041	0.00	0.0041
COPPER	0.0604	0.0000	0.0604	0.00	0.0604
IRON	0.0001	0.0000	0.0001	0.00	0.0001
LEAD	0.0013	0.0000	0.0013	0.00	0.0013
MANGANESE	0.0782	0.0000	0.0782	0.00	0.0782
MOLYBDENUM	0.0747	0.0000	0.0747	0.00	0.0747
NICKEL	0.1303	0.0000	0.1303	0.00	0.1303
SELENIUM	0.0007	0.0000	0.0007	0.00	0.0007
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0135	0.0000	0.0135	0.00	0.0135
ZINC	0.0171	0.0000	0.0171	0.00	0.0171

			TOTAL GAL.	PER/ACRES
GAL.	49000	0	49000	1042.55

LOCATION: 27B-3 AREA: EAST RANCH ACRES: 10.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	199.996	158.3300	358.3260	0.00	358.33
ARSENIC	0.0046	0.0092	0.0138	0.00	0.0138
BORON	0.0103	0.0171	0.0274	0.00	0.0274
CADMIUM	0.0003	0.0005	0.0008	0.00	0.0008
CHROMIUM	0.0004	0.0004	0.0008	0.00	0.0008
COBALT	0.0039	0.0037	0.0076	0.00	0.0076
COPPER	0.0579	0.0508	0.1087	0.00	0.1087
IRON	0.0001	0.0012	0.0013	0.00	0.0013
LEAD	0.0012	0.0012	0.0024	0.00	0.0024
MANGANESE	0.0750	0.0746	0.1496	0.00	0.1496
MOLYBDENUM	0.0717	0.0667	0.1384	0.00	0.1384
NICKEL	0.1250	0.1083	0.2333	0.00	0.2333
SELENIUM	0.0006	0.0083	0.0089	0.00	0.0089
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0129	0.0008	0.0137	0.00	0.0137
ZINC	0.0164	0.0170	0.0334	0.00	0.0334

			TOTAL GAL.	PER/ACRES
GAL.	10000	10000	20000	2000.00

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87

LOCATION: 27C-3,4 AREA: EAST RANCH ACRES: 14.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	157.140	0.0000	157.1400	0.00	157.14
ARSENIC	0.0036	0.0000	0.0036	0.00	0.0036
BORON	0.0081	0.0000	0.0081	0.00	0.0081
CADMIUM	0.0003	0.0000	0.0003	0.00	0.0003
CHROMIUM	0.0003	0.0000	0.0003	0.00	0.0003
COBALT	0.0031	0.0000	0.0031	0.00	0.0031
COPPER	0.0455	0.0000	0.0455	0.00	0.0455
IRON	0.0001	0.0000	0.0001	0.00	0.0001
LEAD	0.0010	0.0000	0.0010	0.00	0.0010
MANGANESE	0.0589	0.0000	0.0589	0.00	0.0589
MOLYBDENUM	0.0563	0.0000	0.0563	0.00	0.0563
NICKEL	0.0982	0.0000	0.0982	0.00	0.0982
SELENIUM	0.0005	0.0000	0.0005	0.00	0.0005
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0101	0.0000	0.0101	0.00	0.0101
ZINC	0.0129	0.0000	0.0129	0.00	0.0129

			TOTAL GAL.	PER/ACRES
GAL.	11000	0	11000	785.71

LOCATION: 27B-4 AREA: EAST RANCH ACRES: 20.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	149.997	158.3300	308.3270	0.00	308.33
ARSENIC	0.0034	0.0092	0.0126	0.00	0.0126
BORON	0.0077	0.0171	0.0248	0.00	0.0248
CADMIUM	0.0002	0.0005	0.0007	0.00	0.0007
CHROMIUM	0.0003	0.0004	0.0007	0.00	0.0007
COBALT	0.0029	0.0037	0.0066	0.00	0.0066
COPPER	0.0434	0.0508	0.0942	0.00	0.0942
IRON	0.0001	0.0012	0.0013	0.00	0.0013
LEAD	0.0009	0.0012	0.0021	0.00	0.0021
MANGANESE	0.0562	0.0746	0.1308	0.00	0.1308
MOLYBDENUM	0.0537	0.0667	0.1204	0.00	0.1204
NICKEL	0.0937	0.1083	0.2020	0.00	0.2020
SELENIUM	0.0005	0.0083	0.0088	0.00	0.0088
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0097	0.0008	0.0105	0.00	0.0105
ZINC	0.0123	0.0170	0.0293	0.00	0.0293

			TOTAL GAL.	PER/ACRES
GAL.	15000	20000	35000	1750.00

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87

LOCATION: 27D-2 AREA: EAST RANCH ACRES: 3.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	0.000	0.0000	0.0000	0.00	0.00
ARSENIC	0.0000	0.0000	0.0000	0.00	0.0000
BORON	0.0000	0.0000	0.0000	0.00	0.0000
CADMIUM	0.0000	0.0000	0.0000	0.00	0.0000
CHROMIUM	0.0000	0.0000	0.0000	0.00	0.0000
COBALT	0.0000	0.0000	0.0000	0.00	0.0000
COPPER	0.0000	0.0000	0.0000	0.00	0.0000
IRON	0.0000	0.0000	0.0000	0.00	0.0000
LEAD	0.0000	0.0000	0.0000	0.00	0.0000
MANGANESE	0.0000	0.0000	0.0000	0.00	0.0000
MOLYBDENUM	0.0000	0.0000	0.0000	0.00	0.0000
NICKEL	0.0000	0.0000	0.0000	0.00	0.0000
SELENIUM	0.0000	0.0000	0.0000	0.00	0.0000
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0000	0.0000	0.0000	0.00	0.0000
ZINC	0.0000	0.0000	0.0000	0.00	0.0000

			TOTAL GAL.	PER/ACRES
GAL.	0	0	0	0.00

LOCATION: 27B-2 AREA: EAST RANCH ACRES: 31.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	199.996	153.2226	353.2186	0.00	353.22
ARSENIC	0.0046	0.0089	0.0135	0.00	0.0135
BORON	0.0103	0.0165	0.0268	0.00	0.0268
CADMIUM	0.0003	0.0004	0.0007	0.00	0.0007
CHROMIUM	0.0004	0.0004	0.0008	0.00	0.0008
COBALT	0.0039	0.0036	0.0075	0.00	0.0075
COPPER	0.0579	0.0492	0.1071	0.00	0.1071
IRON	0.0001	0.0011	0.0012	0.00	0.0012
LEAD	0.0012	0.0012	0.0024	0.00	0.0024
MANGANESE	0.0750	0.0722	0.1472	0.00	0.1472
MOLYBDENUM	0.0717	0.0645	0.1362	0.00	0.1362
NICKEL	0.1250	0.1048	0.2298	0.00	0.2298
SELENIUM	0.0006	0.0081	0.0087	0.00	0.0087
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0129	0.0008	0.0137	0.00	0.0137
ZINC	0.0164	0.0165	0.0329	0.00	0.0329

			TOTAL GAL.	PER/ACRES
GAL.	31000	30000	61000	1967.74

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87

LOCATION: 27A-2 AREA: EAST RANCH ACRES: 29.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	165.514	0.0000	165.5140	0.00	165.51
ARSENIC	0.0038	0.0000	0.0038	0.00	0.0038
BORON	0.0086	0.0000	0.0086	0.00	0.0086
CADMIUM	0.0003	0.0000	0.0003	0.00	0.0003
CHROMIUM	0.0003	0.0000	0.0003	0.00	0.0003
COBALT	0.0032	0.0000	0.0032	0.00	0.0032
COPPER	0.0479	0.0000	0.0479	0.00	0.0479
IRON	0.0001	0.0000	0.0001	0.00	0.0001
LEAD	0.0010	0.0000	0.0010	0.00	0.0010
MANGANESE	0.0621	0.0000	0.0621	0.00	0.0621
MOLYBDENUM	0.0593	0.0000	0.0593	0.00	0.0593
NICKEL	0.1034	0.0000	0.1034	0.00	0.1034
SELENIUM	0.0005	0.0000	0.0005	0.00	0.0005
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0107	0.0000	0.0107	0.00	0.0107
ZINC	0.0136	0.0000	0.0136	0.00	0.0136

			TOTAL GAL.	PER/ACRES
GAL.	24000	0	24000	827.59

LOCATION: 27C-1 AREA: EAST RANCH ACRES: 9.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	199.996	0.0000	199.9960	0.00	200.00
ARSENIC	0.0046	0.0000	0.0046	0.00	0.0046
BORON	0.0103	0.0000	0.0103	0.00	0.0103
CADMIUM	0.0003	0.0000	0.0003	0.00	0.0003
CHROMIUM	0.0004	0.0000	0.0004	0.00	0.0004
COBALT	0.0039	0.0000	0.0039	0.00	0.0039
COPPER	0.0579	0.0000	0.0579	0.00	0.0579
IRON	0.0001	0.0000	0.0001	0.00	0.0001
LEAD	0.0012	0.0000	0.0012	0.00	0.0012
MANGANESE	0.0750	0.0000	0.0750	0.00	0.0750
MOLYBDENUM	0.0717	0.0000	0.0717	0.00	0.0717
NICKEL	0.1250	0.0000	0.1250	0.00	0.1250
SELENIUM	0.0006	0.0000	0.0006	0.00	0.0006
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0129	0.0000	0.0129	0.00	0.0129
ZINC	0.0164	0.0000	0.0164	0.00	0.0164

			TOTAL GAL.	PER/ACRES
GAL.	9000	0	9000	1000.00

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87

LOCATION: 27A-1 AREA: EAST RANCH ACRES: 39.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	158.971	142.0911	301.0621	0.00	301.06
ARSENIC	0.0036	0.0082	0.0118	0.00	0.0118
BORON	0.0082	0.0153	0.0235	0.00	0.0235
CADMIUM	0.0003	0.0004	0.0007	0.00	0.0007
CHROMIUM	0.0003	0.0004	0.0007	0.00	0.0007
COBALT	0.0031	0.0033	0.0064	0.00	0.0064
COPPER	0.0460	0.0456	0.0916	0.00	0.0916
IRON	0.0001	0.0010	0.0011	0.00	0.0011
LEAD	0.0010	0.0011	0.0021	0.00	0.0021
MANGANESE	0.0596	0.0669	0.1265	0.00	0.1265
MOLYBDENUM	0.0570	0.0598	0.1168	0.00	0.1168
NICKEL	0.0994	0.0972	0.1966	0.00	0.1966
SELENIUM	0.0005	0.0075	0.0080	0.00	0.0080
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0103	0.0007	0.0110	0.00	0.0110
ZINC	0.0130	0.0153	0.0283	0.00	0.0283

			TOTAL GAL.	PER/ACRES
GAL.	31000	35000	66000	1692.31

LOCATION: 27D-1 AREA: EAST RANCH ACRES: 34.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	199.996	162.9868	362.9828	0.00	362.98
ARSENIC	0.0046	0.0094	0.0140	0.00	0.0140
BORON	0.0103	0.0176	0.0279	0.00	0.0279
CADMIUM	0.0003	0.0005	0.0008	0.00	0.0008
CHROMIUM	0.0004	0.0004	0.0008	0.00	0.0008
COBALT	0.0039	0.0038	0.0077	0.00	0.0077
COPPER	0.0579	0.0523	0.1102	0.00	0.1102
IRON	0.0001	0.0012	0.0013	0.00	0.0013
LEAD	0.0012	0.0013	0.0025	0.00	0.0025
MANGANESE	0.0750	0.0768	0.1518	0.00	0.1518
MOLYBDENUM	0.0717	0.0686	0.1403	0.00	0.1403
NICKEL	0.1250	0.1115	0.2365	0.00	0.2365
SELENIUM	0.0006	0.0086	0.0092	0.00	0.0092
URANIUM	0.0000	0.0001	0.0001	0.00	0.0001
VADNIUM	0.0129	0.0009	0.0138	0.00	0.0138
ZINC	0.0164	0.0175	0.0339	0.00	0.0339

			TOTAL GAL.	PER/ACRES
GAL.	34000	35000	69000	2029.41

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87

LOCATION: 27C-2 AREA: EAST RANCH ACRES: 9.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	244.439	0.0000	244.4390	0.00	244.44
ARSENIC	0.0056	0.0000	0.0056	0.00	0.0056
BORON	0.0126	0.0000	0.0126	0.00	0.0126
CADMIUM	0.0004	0.0000	0.0004	0.00	0.0004
CHROMIUM	0.0005	0.0000	0.0005	0.00	0.0005
COBALT	0.0048	0.0000	0.0048	0.00	0.0048
COPPER	0.0708	0.0000	0.0708	0.00	0.0708
IRON	0.0001	0.0000	0.0001	0.00	0.0001
LEAD	0.0015	0.0000	0.0015	0.00	0.0015
MANGANESE	0.0917	0.0000	0.0917	0.00	0.0917
MOLYBDENUM	0.0876	0.0000	0.0876	0.00	0.0876
NICKEL	0.1528	0.0000	0.1528	0.00	0.1528
SELENIUM	0.0008	0.0000	0.0008	0.00	0.0008
URANIUM	0.0001	0.0000	0.0001	0.00	0.0001
VADNIUM	0.0158	0.0000	0.0158	0.00	0.0158
ZINC	0.0201	0.0000	0.0201	0.00	0.0201

			TOTAL GAL.	PER/ACRES
GAL.	11000	0	11000	1222.22

LOCATION: 27C-5 AREA: EAST RANCH ACRES: 9.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	199.996	0.0000	199.9960	0.00	200.00
ARSENIC	0.0046	0.0000	0.0046	0.00	0.0046
BORON	0.0103	0.0000	0.0103	0.00	0.0103
CADMIUM	0.0003	0.0000	0.0003	0.00	0.0003
CHROMIUM	0.0004	0.0000	0.0004	0.00	0.0004
COBALT	0.0039	0.0000	0.0039	0.00	0.0039
COPPER	0.0579	0.0000	0.0579	0.00	0.0579
IRON	0.0001	0.0000	0.0001	0.00	0.0001
LEAD	0.0012	0.0000	0.0012	0.00	0.0012
MANGANESE	0.0750	0.0000	0.0750	0.00	0.0750
MOLYBDENUM	0.0717	0.0000	0.0717	0.00	0.0717
NICKEL	0.1250	0.0000	0.1250	0.00	0.1250
SELENIUM	0.0006	0.0000	0.0006	0.00	0.0006
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0129	0.0000	0.0129	0.00	0.0129
ZINC	0.0164	0.0000	0.0164	0.00	0.0164

			TOTAL GAL.	PER/ACRES
GAL.	9000	0	9000	1000.00

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87

LOCATION: 35C-1 AREA: EAST RANCH ACRES: 75.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	293.327	147.7747	441.1017	0.00	441.10
ARSENIC	0.0067	0.0086	0.0153	0.00	0.0153
BORON	0.0152	0.0159	0.0311	0.00	0.0311
CADMIUM	0.0005	0.0004	0.0009	0.00	0.0009
CHROMIUM	0.0006	0.0004	0.0010	0.00	0.0010
COBALT	0.0057	0.0035	0.0092	0.00	0.0092
COPPER	0.0849	0.0474	0.1323	0.00	0.1323
IRON	0.0001	0.0011	0.0012	0.00	0.0012
LEAD	0.0018	0.0012	0.0030	0.00	0.0030
MANGANESE	0.1100	0.0696	0.1796	0.00	0.1796
MOLYBDENUM	0.1051	0.0622	0.1673	0.00	0.1673
NICKEL	0.1833	0.1011	0.2844	0.00	0.2844
SELENIUM	0.0009	0.0078	0.0087	0.00	0.0087
URANIUM	0.0001	0.0000	0.0001	0.00	0.0001
VADNIUM	0.0189	0.0008	0.0197	0.00	0.0197
ZINC	0.0241	0.0159	0.0400	0.00	0.0400

			TOTAL GAL.	PER/ACRES
GAL.	110000	70000	180000	2400.00

LOCATION: 35C-3 AREA: EAST RANCH ACRES: 70.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	228.567	158.3300	386.8970	0.00	386.90
ARSENIC	0.0052	0.0092	0.0144	0.00	0.0144
BORON	0.0118	0.0171	0.0289	0.00	0.0289
CADMIUM	0.0004	0.0005	0.0009	0.00	0.0009
CHROMIUM	0.0005	0.0004	0.0009	0.00	0.0009
COBALT	0.0045	0.0037	0.0082	0.00	0.0082
COPPER	0.0662	0.0508	0.1170	0.00	0.1170
IRON	0.0001	0.0012	0.0013	0.00	0.0013
LEAD	0.0014	0.0012	0.0026	0.00	0.0026
MANGANESE	0.0857	0.0746	0.1603	0.00	0.1603
MOLYBDENUM	0.0819	0.0667	0.1486	0.00	0.1486
NICKEL	0.1429	0.1083	0.2512	0.00	0.2512
SELENIUM	0.0007	0.0083	0.0090	0.00	0.0090
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0148	0.0008	0.0156	0.00	0.0156
ZINC	0.0188	0.0170	0.0358	0.00	0.0358

			TOTAL GAL.	PER/ACRES
GAL.	80000	70000	150000	2142.86

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87

LOCATION: 35D-1 AREA: EAST RANCH ACRES: 60.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	183.330	158.3300	341.6600	0.00	341.66
ARSENIC	0.0042	0.0092	0.0134	0.00	0.0134
BORON	0.0095	0.0171	0.0266	0.00	0.0266
CADMIUM	0.0003	0.0005	0.0008	0.00	0.0008
CHROMIUM	0.0004	0.0004	0.0008	0.00	0.0008
COBALT	0.0036	0.0037	0.0073	0.00	0.0073
COPPER	0.0531	0.0508	0.1039	0.00	0.1039
IRON	0.0001	0.0012	0.0013	0.00	0.0013
LEAD	0.0011	0.0012	0.0023	0.00	0.0023
MANGANESE	0.0687	0.0746	0.1433	0.00	0.1433
MOLYBDENUM	0.0657	0.0667	0.1324	0.00	0.1324
NICKEL	0.1146	0.1083	0.2229	0.00	0.2229
SELENIUM	0.0006	0.0083	0.0089	0.00	0.0089
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0118	0.0008	0.0126	0.00	0.0126
ZINC	0.0150	0.0170	0.0320	0.00	0.0320

			TOTAL GAL.	PER/ACRES
GAL.	55000	60000	115000	1916.67

LOCATION: 35A-1 AREA: EAST RANCH ACRES: 30.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	166.663	158.3300	324.9930	0.00	324.99
ARSENIC	0.0038	0.0092	0.0130	0.00	0.0130
BORON	0.0086	0.0171	0.0257	0.00	0.0257
CADMIUM	0.0003	0.0005	0.0008	0.00	0.0008
CHROMIUM	0.0003	0.0004	0.0007	0.00	0.0007
COBALT	0.0033	0.0037	0.0070	0.00	0.0070
COPPER	0.0483	0.0508	0.0991	0.00	0.0991
IRON	0.0001	0.0012	0.0013	0.00	0.0013
LEAD	0.0010	0.0012	0.0022	0.00	0.0022
MANGANESE	0.0625	0.0746	0.1371	0.00	0.1371
MOLYBDENUM	0.0597	0.0667	0.1264	0.00	0.1264
NICKEL	0.1042	0.1083	0.2125	0.00	0.2125
SELENIUM	0.0005	0.0083	0.0088	0.00	0.0088
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0108	0.0008	0.0116	0.00	0.0116
ZINC	0.0137	0.0170	0.0307	0.00	0.0307

			TOTAL GAL.	PER/ACRES
GAL.	25000	30000	55000	1833.33

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87

LOCATION: 35C-2 AREA: EAST RANCH ACRES: 80.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	0.000	158.3300	158.3300	0.00	158.33
ARSENIC	0.0000	0.0092	0.0092	0.00	0.0092
BORON	0.0000	0.0171	0.0171	0.00	0.0171
CADMIUM	0.0000	0.0005	0.0005	0.00	0.0005
CHROMIUM	0.0000	0.0004	0.0004	0.00	0.0004
COBALT	0.0000	0.0037	0.0037	0.00	0.0037
COPPER	0.0000	0.0508	0.0508	0.00	0.0508
IRON	0.0000	0.0012	0.0012	0.00	0.0012
LEAD	0.0000	0.0012	0.0012	0.00	0.0012
MANGANESE	0.0000	0.0746	0.0746	0.00	0.0746
MOLYBDENUM	0.0000	0.0667	0.0667	0.00	0.0667
NICKEL	0.0000	0.1083	0.1083	0.00	0.1083
SELENIUM	0.0000	0.0083	0.0083	0.00	0.0083
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0000	0.0008	0.0008	0.00	0.0008
ZINC	0.0000	0.0170	0.0170	0.00	0.0170

			TOTAL GAL.	PER/ACRES
GAL.	0	80000	80000	1000.00

LOCATION: 35D-4 AREA: EAST RANCH ACRES: 65.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	0.000	158.3300	158.3300	0.00	158.33
ARSENIC	0.0000	0.0092	0.0092	0.00	0.0092
BORON	0.0000	0.0171	0.0171	0.00	0.0171
CADMIUM	0.0000	0.0005	0.0005	0.00	0.0005
CHROMIUM	0.0000	0.0004	0.0004	0.00	0.0004
COBALT	0.0000	0.0037	0.0037	0.00	0.0037
COPPER	0.0000	0.0508	0.0508	0.00	0.0508
IRON	0.0000	0.0012	0.0012	0.00	0.0012
LEAD	0.0000	0.0012	0.0012	0.00	0.0012
MANGANESE	0.0000	0.0746	0.0746	0.00	0.0746
MOLYBDENUM	0.0000	0.0667	0.0667	0.00	0.0667
NICKEL	0.0000	0.1083	0.1083	0.00	0.1083
SELENIUM	0.0000	0.0083	0.0083	0.00	0.0083
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0000	0.0008	0.0008	0.00	0.0008
ZINC	0.0000	0.0170	0.0170	0.00	0.0170

			TOTAL GAL.	PER/ACRES
GAL.	0	65000	65000	1000.00

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87

LOCATION: 36A-4 AREA: EAST RANCH ACRES: 15.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	199.996	0.0000	199.9960	0.00	200.00
ARSENIC	0.0046	0.0000	0.0046	0.00	0.0046
BORON	0.0103	0.0000	0.0103	0.00	0.0103
CADMIUM	0.0003	0.0000	0.0003	0.00	0.0003
CHROMIUM	0.0004	0.0000	0.0004	0.00	0.0004
COBALT	0.0039	0.0000	0.0039	0.00	0.0039
COPPER	0.0579	0.0000	0.0579	0.00	0.0579
IRON	0.0001	0.0000	0.0001	0.00	0.0001
LEAD	0.0012	0.0000	0.0012	0.00	0.0012
MANGANESE	0.0750	0.0000	0.0750	0.00	0.0750
MOLYBDENUM	0.0717	0.0000	0.0717	0.00	0.0717
NICKEL	0.1250	0.0000	0.1250	0.00	0.1250
SELENIUM	0.0006	0.0000	0.0006	0.00	0.0006
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0129	0.0000	0.0129	0.00	0.0129
ZINC	0.0164	0.0000	0.0164	0.00	0.0164

			TOTAL GAL.	PER/ACRES
GAL.	15000	0	15000	1000.00

LOCATION: 36C-2 AREA: EAST RANCH ACRES: 42.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	199.996	188.4881	388.4841	0.00	388.48
ARSENIC	0.0046	0.0109	0.0155	0.00	0.0155
BORON	0.0103	0.0203	0.0306	0.00	0.0306
CADMIUM	0.0003	0.0005	0.0008	0.00	0.0008
CHROMIUM	0.0004	0.0005	0.0009	0.00	0.0009
COBALT	0.0039	0.0044	0.0083	0.00	0.0083
COPPER	0.0579	0.0605	0.1184	0.00	0.1184
IRON	0.0001	0.0014	0.0015	0.00	0.0015
LEAD	0.0012	0.0015	0.0027	0.00	0.0027
MANGANESE	0.0750	0.0888	0.1638	0.00	0.1638
MOLYBDENUM	0.0717	0.0794	0.1511	0.00	0.1511
NICKEL	0.1250	0.1290	0.2540	0.00	0.2540
SELENIUM	0.0006	0.0099	0.0105	0.00	0.0105
URANIUM	0.0000	0.0001	0.0001	0.00	0.0001
VADNIUM	0.0129	0.0010	0.0139	0.00	0.0139
ZINC	0.0164	0.0202	0.0366	0.00	0.0366

			TOTAL GAL.	PER/ACRES
GAL.	42000	50000	92000	2190.48

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87

LOCATION: 36D-2 AREA: EAST RANCH ACRES: 100.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	191.996	221.6621	413.6581	0.00	413.66
ARSENIC	0.0044	0.0128	0.0172	0.00	0.0172
BORON	0.0099	0.0239	0.0338	0.00	0.0338
CADMIUM	0.0003	0.0006	0.0009	0.00	0.0009
CHROMIUM	0.0004	0.0006	0.0010	0.00	0.0010
COBALT	0.0038	0.0052	0.0090	0.00	0.0090
COPPER	0.0556	0.0712	0.1268	0.00	0.1268
IRON	0.0001	0.0016	0.0017	0.00	0.0017
LEAD	0.0012	0.0017	0.0029	0.00	0.0029
MANGANESE	0.0720	0.1044	0.1764	0.00	0.1764
MOLYBDENUM	0.0688	0.0933	0.1621	0.00	0.1621
NICKEL	0.1200	0.1517	0.2717	0.00	0.2717
SELENIUM	0.0006	0.0117	0.0123	0.00	0.0123
URANIUM	0.0000	0.0001	0.0001	0.00	0.0001
VADNIUM	0.0124	0.0012	0.0136	0.00	0.0136
ZINC	0.0158	0.0238	0.0396	0.00	0.0396

			TOTAL GAL.	PER/ACRES
GAL.	96000	140000	236000	2360.00

LOCATION: 36B-1 AREA: EAST RANCH ACRES: 114.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	189.470	118.0531	307.5231	0.00	307.52
ARSENIC	0.0043	0.0068	0.0111	0.00	0.0111
BORON	0.0098	0.0127	0.0225	0.00	0.0225
CADMIUM	0.0003	0.0003	0.0006	0.00	0.0006
CHROMIUM	0.0004	0.0003	0.0007	0.00	0.0007
COBALT	0.0037	0.0028	0.0065	0.00	0.0065
COPPER	0.0549	0.0379	0.0928	0.00	0.0928
IRON	0.0001	0.0009	0.0010	0.00	0.0010
LEAD	0.0012	0.0009	0.0021	0.00	0.0021
MANGANESE	0.0711	0.0556	0.1267	0.00	0.1267
MOLYBDENUM	0.0679	0.0497	0.1176	0.00	0.1176
NICKEL	0.1184	0.0808	0.1992	0.00	0.1992
SELENIUM	0.0006	0.0062	0.0068	0.00	0.0068
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0122	0.0006	0.0128	0.00	0.0128
ZINC	0.0156	0.0127	0.0283	0.00	0.0283

			TOTAL GAL.	PER/ACRES
GAL.	108000	85000	193000	1692.98

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87 PAGE 28

LOCATION: 36A-2 AREA: EAST RANCH ACRES: 95.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	189.470	233.3285	422.7985	0.00	422.80
ARSENIC	0.0043	0.0135	0.0178	0.00	0.0178
BORON	0.0098	0.0252	0.0350	0.00	0.0350
CADMIUM	0.0003	0.0007	0.0010	0.00	0.0010
CHROMIUM	0.0004	0.0006	0.0010	0.00	0.0010
COBALT	0.0037	0.0055	0.0092	0.00	0.0092
COPPER	0.0549	0.0749	0.1298	0.00	0.1298
IRON	0.0001	0.0017	0.0018	0.00	0.0018
LEAD	0.0012	0.0018	0.0030	0.00	0.0030
MANGANESE	0.0711	0.1099	0.1810	0.00	0.1810
MOLYBDENUM	0.0679	0.0982	0.1661	0.00	0.1661
NICKEL	0.1184	0.1596	0.2780	0.00	0.2780
SELENIUM	0.0006	0.0123	0.0129	0.00	0.0129
URANIUM	0.0000	0.0001	0.0001	0.00	0.0001
VADNIUM	0.0122	0.0012	0.0134	0.00	0.0134
ZINC	0.0156	0.0251	0.0407	0.00	0.0407

			TOTAL GAL.	PER/ACRES
GAL.	90000	140000	230000	2421.05

LOCATION: 36A-1 AREA: EAST RANCH ACRES: 88.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	190.905	224.9006	415.8056	0.00	415.81
ARSENIC	0.0044	0.0130	0.0174	0.00	0.0174
BORON	0.0099	0.0243	0.0342	0.00	0.0342
CADMIUM	0.0003	0.0007	0.0010	0.00	0.0010
CHROMIUM	0.0004	0.0006	0.0010	0.00	0.0010
COBALT	0.0037	0.0053	0.0090	0.00	0.0090
COPPER	0.0553	0.0722	0.1275	0.00	0.1275
IRON	0.0001	0.0017	0.0018	0.00	0.0018
LEAD	0.0012	0.0018	0.0030	0.00	0.0030
MANGANESE	0.0716	0.1059	0.1775	0.00	0.1775
MOLYBDENUM	0.0684	0.0947	0.1631	0.00	0.1631
NICKEL	0.1193	0.1539	0.2732	0.00	0.2732
SELENIUM	0.0006	0.0118	0.0124	0.00	0.0124
URANIUM	0.0000	0.0001	0.0001	0.00	0.0001
VADNIUM	0.0123	0.0012	0.0135	0.00	0.0135
ZINC	0.0157	0.0241	0.0398	0.00	0.0398

			TOTAL GAL.	PER/ACRES
GAL.	84000	125000	209000	2375.00

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87 PAGE 29

LOCATION: 19-2 AREA: RABBIT HILL ACRES: 130.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	0.000	0.0000	0.0000	1187.00	1187.00
ARSENIC	0.0000	0.0000	0.0000	0.05	0.0500
BORON	0.0000	0.0000	0.0000	0.02	0.0200
CADMIUM	0.0000	0.0000	0.0000	0.02	0.0200
CHROMIUM	0.0000	0.0000	0.0000	0.02	0.0200
COBALT	0.0000	0.0000	0.0000	0.03	0.0300
COPPER	0.0000	0.0000	0.0000	0.19	0.1900
IRON	0.0000	0.0000	0.0000	0.02	0.0200
LEAD	0.0000	0.0000	0.0000	0.03	0.0300
MANGANESE	0.0000	0.0000	0.0000	0.25	0.2500
MOLYBDENUM	0.0000	0.0000	0.0000	0.49	0.4900
NICKEL	0.0000	0.0000	0.0000	0.31	0.3100
SELENIUM	0.0000	0.0000	0.0000	0.02	0.0200
URANIUM	0.0000	0.0000	0.0000	0.01	0.0100
VADNIUM	0.0000	0.0000	0.0000	0.02	0.0200
ZINC	0.0000	0.0000	0.0000	0.04	0.0400

			TOTAL GAL.	PER/ACRES
GAL.	0	0	0	0.00

LOCATION: 19-1 AREA: RABBIT HILL ACRES: 9.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	159.163	0.0000	159.1630	992.00	1151.16
ARSENIC	0.0058	0.0000	0.0058	0.05	0.0558
BORON	0.0167	0.0000	0.0167	0.02	0.0367
CADMIUM	0.0004	0.0000	0.0004	0.02	0.0204
CHROMIUM	0.0004	0.0000	0.0004	0.02	0.0204
COBALT	0.0030	0.0000	0.0030	0.03	0.0330
COPPER	0.0517	0.0000	0.0517	0.15	0.2017
IRON	0.0008	0.0000	0.0008	0.02	0.0208
LEAD	0.0008	0.0000	0.0008	0.03	0.0308
MANGANESE	0.0633	0.0000	0.0633	0.21	0.2733
MOLYBDENUM	0.0550	0.0000	0.0550	0.39	0.4450
NICKEL	0.0917	0.0000	0.0917	0.27	0.3617
SELENIUM	0.0002	0.0000	0.0002	0.02	0.0202
URANIUM	0.0001	0.0000	0.0001	0.01	0.0101
VADNIUM	0.0050	0.0000	0.0050	0.02	0.0250
ZINC	0.0144	0.0000	0.0144	0.04	0.0544

			TOTAL GAL.	PER/ACRES
GAL.	9000	0	9000	1000.00

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87

LOCATION: 19-3 AREA: RABBIT HILL ACRES: 27.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	159.163	198.6841	357.8471	1323.00	1680.85
ARSENIC	0.0058	0.0085	0.0143	0.05	0.0643
BORON	0.0167	0.0025	0.0192	0.02	0.0392
CADMIUM	0.0004	0.0003	0.0007	0.02	0.0207
CHROMIUM	0.0004	0.0004	0.0008	0.02	0.0208
COBALT	0.0030	0.0041	0.0071	0.03	0.0371
COPPER	0.0517	0.0509	0.1026	0.21	0.3126
IRON	0.0008	0.0007	0.0015	0.02	0.0215
LEAD	0.0008	0.0001	0.0009	0.03	0.0309
MANGANESE	0.0633	0.0679	0.1312	0.25	0.3812
MOLYBDENUM	0.0550	0.0409	0.0959	0.55	0.6459
NICKEL	0.0917	0.1235	0.2152	0.34	0.5552
SELENIUM	0.0002	0.0008	0.0010	0.02	0.0210
URANIUM	0.0001	0.0001	0.0002	0.01	0.0102
VADNIUM	0.0050	0.0139	0.0189	0.02	0.0389
ZINC	0.0144	0.0152	0.0296	0.05	0.0796

			TOTAL GAL.	PER/ACRES
GAL.	27000	25000	52000	1925.93

LOCATION: 19-4 AREA: RABBIT HILL ACRES: 40.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	0.000	214.5789	214.5789	870.00	1084.58
ARSENIC	0.0000	0.0092	0.0092	0.04	0.0492
BORON	0.0000	0.0027	0.0027	0.02	0.0227
CADMIUM	0.0000	0.0003	0.0003	0.01	0.0103
CHROMIUM	0.0000	0.0004	0.0004	0.01	0.0104
COBALT	0.0000	0.0044	0.0044	0.02	0.0244
COPPER	0.0000	0.0550	0.0550	0.14	0.1950
IRON	0.0000	0.0007	0.0007	0.01	0.0107
LEAD	0.0000	0.0001	0.0001	0.02	0.0201
MANGANESE	0.0000	0.0733	0.0733	0.22	0.2933
MOLYBDENUM	0.0000	0.0442	0.0442	0.35	0.3942
NICKEL	0.0000	0.1333	0.1333	0.25	0.3833
SELENIUM	0.0000	0.0008	0.0008	0.01	0.0108
URANIUM	0.0000	0.0001	0.0001	0.00	0.0001
VADNIUM	0.0000	0.0150	0.0150	0.01	0.0250
ZINC	0.0000	0.0164	0.0164	0.04	0.0564

			TOTAL GAL.	PER/ACRES
GAL.	0	40000	40000	1000.00

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87 PAGE 31

LOCATION: 19-1-TIMBER AREA: RABBIT HILL ACRES: 44.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	79.582	0.0000	79.5820	462.00	541.58
ARSENIC	0.0029	0.0000	0.0029	0.03	0.0329
BORON	0.0083	0.0000	0.0083	0.01	0.0183
CADMIUM	0.0002	0.0000	0.0002	0.02	0.0202
CHROMIUM	0.0002	0.0000	0.0002	0.02	0.0202
COBALT	0.0015	0.0000	0.0015	0.02	0.0215
COPPER	0.0258	0.0000	0.0258	0.05	0.0758
IRON	0.0004	0.0000	0.0004	0.02	0.0204
LEAD	0.0004	0.0000	0.0004	0.02	0.0204
MANGANESE	0.0317	0.0000	0.0317	0.10	0.1317
MOLYBDENUM	0.0275	0.0000	0.0275	0.15	0.1775
NICKEL	0.0458	0.0000	0.0458	0.12	0.1658
SELENIUM	0.0001	0.0000	0.0001	0.02	0.0201
URANIUM	0.0000	0.0000	0.0000	0.01	0.0100
VADNIUM	0.0025	0.0000	0.0025	0.02	0.0225
ZINC	0.0072	0.0000	0.0072	0.03	0.0372

			TOTAL GAL.	PER/ACRES
GAL.	22000	0	22000	500.00

LOCATION: 25-5-WEST AREA: RABBIT HILL ACRES: 3.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	265.272	0.0000	265.2720	1256.00	1521.27
ARSENIC	0.0097	0.0000	0.0097	0.04	0.0497
BORON	0.0278	0.0000	0.0278	0.02	0.0478
CADMIUM	0.0007	0.0000	0.0007	0.02	0.0207
CHROMIUM	0.0007	0.0000	0.0007	0.02	0.0207
COBALT	0.0050	0.0000	0.0050	0.03	0.0350
COPPER	0.0861	0.0000	0.0861	0.21	0.2961
IRON	0.0014	0.0000	0.0014	0.02	0.0214
LEAD	0.0014	0.0000	0.0014	0.03	0.0314
MANGANESE	0.1056	0.0000	0.1056	0.27	0.3756
MOLYBDENUM	0.0917	0.0000	0.0917	0.56	0.6517
NICKEL	0.1528	0.0000	0.1528	0.34	0.4928
SELENIUM	0.0003	0.0000	0.0003	0.02	0.0203
URANIUM	0.0001	0.0000	0.0001	0.02	0.0201
VADNIUM	0.0083	0.0000	0.0083	0.02	0.0283
ZINC	0.0240	0.0000	0.0240	0.05	0.0740

			TOTAL GAL.	PER/ACRES
GAL.	5000	0	5000	1666.67

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87 PAGE 32

LOCATION: 25-5 AREA: RABBIT HILL ACRES: 24.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	159.163	312.9275	472.0905	1014.00	1486.09
ARSENIC	0.0058	0.0134	0.0192	0.04	0.0592
BORON	0.0167	0.0040	0.0207	0.03	0.0507
CADMIUM	0.0004	0.0005	0.0009	0.02	0.0209
CHROMIUM	0.0004	0.0006	0.0010	0.02	0.0210
COBALT	0.0030	0.0064	0.0094	0.03	0.0394
COPPER	0.0517	0.0802	0.1319	0.15	0.2819
IRON	0.0008	0.0011	0.0019	0.02	0.0219
LEAD	0.0008	0.0001	0.0009	0.03	0.0309
MANGANESE	0.0633	0.1069	0.1702	0.22	0.3902
MOLYBDENUM	0.0550	0.0644	0.1194	0.42	0.5394
NICKEL	0.0917	0.1944	0.2861	0.28	0.5661
SELENIUM	0.0002	0.0012	0.0014	0.02	0.0214
URANIUM	0.0001	0.0001	0.0002	0.01	0.0102
VADNIUM	0.0050	0.0219	0.0269	0.02	0.0469
ZINC	0.0144	0.0239	0.0383	0.05	0.0883

			TOTAL GAL.	PER/ACRES
GAL.	24000	35000	59000	2458.33

LOCATION: 30-8 AREA: RABBIT HILL ACRES: 25.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	143.247	0.0000	143.2470	336.00	479.25
ARSENIC	0.0052	0.0000	0.0052	0.03	0.0352
BORON	0.0150	0.0000	0.0150	0.01	0.0250
CADMIUM	0.0004	0.0000	0.0004	0.02	0.0204
CHROMIUM	0.0004	0.0000	0.0004	0.02	0.0204
COBALT	0.0027	0.0000	0.0027	0.02	0.0227
COPPER	0.0465	0.0000	0.0465	0.05	0.0965
IRON	0.0007	0.0000	0.0007	0.02	0.0207
LEAD	0.0007	0.0000	0.0007	0.02	0.0207
MANGANESE	0.0570	0.0000	0.0570	0.08	0.1370
MOLYBDENUM	0.0495	0.0000	0.0495	0.12	0.1695
NICKEL	0.0825	0.0000	0.0825	0.09	0.1725
SELENIUM	0.0001	0.0000	0.0001	0.02	0.0201
URANIUM	0.0001	0.0000	0.0001	0.01	0.0101
VADNIUM	0.0045	0.0000	0.0045	0.02	0.0245
ZINC	0.0130	0.0000	0.0130	0.03	0.0430

			TOTAL GAL.	PER/ACRES
GAL.	22500	0	22500	900.00

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87

LOCATION: 30-9 AREA: RABBIT HILL ACRES: 30.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	151.736	0.0000	151.7360	1057.00	1208.74
ARSENIC	0.0056	0.0000	0.0056	0.05	0.0556
BORON	0.0159	0.0000	0.0159	0.01	0.0259
CADMIUM	0.0004	0.0000	0.0004	0.02	0.0204
CHROMIUM	0.0004	0.0000	0.0004	0.02	0.0204
COBALT	0.0029	0.0000	0.0029	0.02	0.0229
COPPER	0.0493	0.0000	0.0493	0.16	0.2093
IRON	0.0008	0.0000	0.0008	0.02	0.0208
LEAD	0.0008	0.0000	0.0008	0.02	0.0208
MANGANESE	0.0604	0.0000	0.0604	0.20	0.2604
MOLYBDENUM	0.0524	0.0000	0.0524	0.44	0.4924
NICKEL	0.0874	0.0000	0.0874	0.25	0.3374
SELENIUM	0.0002	0.0000	0.0002	0.02	0.0202
URANIUM	0.0001	0.0000	0.0001	0.01	0.0101
VADNIUM	0.0048	0.0000	0.0048	0.02	0.0248
ZINC	0.0137	0.0000	0.0137	0.04	0.0537

			TOTAL GAL.	PER/ACRES
GAL.	28600	0	28600	953.33

LOCATION: 30-9-WEST AREA: RABBIT HILL ACRES: 26.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	156.103	0.0000	156.1030	815.00	971.10
ARSENIC	0.0057	0.0000	0.0057	0.04	0.0457
BORON	0.0163	0.0000	0.0163	0.01	0.0263
CADMIUM	0.0004	0.0000	0.0004	0.02	0.0204
CHROMIUM	0.0004	0.0000	0.0004	0.02	0.0204
COBALT	0.0029	0.0000	0.0029	0.02	0.0229
COPPER	0.0507	0.0000	0.0507	0.11	0.1607
IRON	0.0008	0.0000	0.0008	0.02	0.0208
LEAD	0.0008	0.0000	0.0008	0.02	0.0208
MANGANESE	0.0621	0.0000	0.0621	0.14	0.2021
MOLYBDENUM	0.0539	0.0000	0.0539	0.30	0.3539
NICKEL	0.0899	0.0000	0.0899	0.19	0.2799
SELENIUM	0.0002	0.0000	0.0002	0.02	0.0202
URANIUM	0.0001	0.0000	0.0001	0.01	0.0101
VADNIUM	0.0049	0.0000	0.0049	0.02	0.0249
ZINC	0.0141	0.0000	0.0141	0.03	0.0441

			TOTAL GAL.	PER/ACRES
GAL.	25500	0	25500	980.77

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87 PAGE 34

LOCATION: 30-6 AREA: RABBIT HILL ACRES: 190.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	159.163	197.6384	356.8014	1366.00	1722.80
ARSENIC	0.0058	0.0084	0.0142	0.05	0.0642
BORON	0.0167	0.0025	0.0192	0.02	0.0392
CADMIUM	0.0004	0.0003	0.0007	0.03	0.0307
CHROMIUM	0.0004	0.0004	0.0008	0.03	0.0308
COBALT	0.0030	0.0041	0.0071	0.03	0.0371
COPPER	0.0517	0.0507	0.1024	0.20	0.3024
IRON	0.0008	0.0007	0.0015	0.03	0.0315
LEAD	0.0008	0.0001	0.0009	0.03	0.0309
MANGANESE	0.0633	0.0675	0.1308	0.28	0.4108
MOLYBDENUM	0.0550	0.0407	0.0957	0.57	0.6657
NICKEL	0.0917	0.1228	0.2145	0.34	0.5545
SELENIUM	0.0002	0.0008	0.0010	0.03	0.0310
URANIUM	0.0001	0.0001	0.0002	0.02	0.0202
VADNIUM	0.0050	0.0138	0.0188	0.03	0.0488
ZINC	0.0144	0.0151	0.0295	0.05	0.0795

			TOTAL GAL.	PER/ACRES
GAL.	190000	175000	365000	1921.05

LOCATION: 30-7 AREA: RABBIT HILL ACRES: 55.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	159.163	0.0000	159.1630	763.00	922.16
ARSENIC	0.0058	0.0000	0.0058	0.03	0.0358
BORON	0.0167	0.0000	0.0167	0.01	0.0267
CADMIUM	0.0004	0.0000	0.0004	0.02	0.0204
CHROMIUM	0.0004	0.0000	0.0004	0.02	0.0204
COBALT	0.0030	0.0000	0.0030	0.02	0.0230
COPPER	0.0517	0.0000	0.0517	0.10	0.1517
IRON	0.0008	0.0000	0.0008	0.02	0.0208
LEAD	0.0008	0.0000	0.0008	0.02	0.0208
MANGANESE	0.0633	0.0000	0.0633	0.15	0.2133
MOLYBDENUM	0.0550	0.0000	0.0550	0.28	0.3350
NICKEL	0.0917	0.0000	0.0917	0.18	0.2717
SELENIUM	0.0002	0.0000	0.0002	0.02	0.0202
URANIUM	0.0001	0.0000	0.0001	0.01	0.0101
VADNIUM	0.0050	0.0000	0.0050	0.02	0.0250
ZINC	0.0144	0.0000	0.0144	0.03	0.0444

			TOTAL GAL.	PER/ACRES
GAL.	55000	0	55000	1000.00

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87 PAGE 35

LOCATION: EAST MONT AREA: SEQUOYAH ACRES: 8.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	0.000	0.0000	0.0000	712.00	712.00
ARSENIC	0.0000	0.0000	0.0000	0.03	0.0300
BORON	0.0000	0.0000	0.0000	0.00	0.0000
CADMIUM	0.0000	0.0000	0.0000	0.02	0.0200
CHROMIUM	0.0000	0.0000	0.0000	0.02	0.0200
COBALT	0.0000	0.0000	0.0000	0.02	0.0200
COPPER	0.0000	0.0000	0.0000	0.09	0.0900
IRON	0.0000	0.0000	0.0000	0.02	0.0200
LEAD	0.0000	0.0000	0.0000	0.02	0.0200
MANGANESE	0.0000	0.0000	0.0000	0.14	0.1400
MOLYBDENUM	0.0000	0.0000	0.0000	0.28	0.2800
NICKEL	0.0000	0.0000	0.0000	0.15	0.1500
SELENIUM	0.0000	0.0000	0.0000	0.02	0.0200
URANIUM	0.0000	0.0000	0.0000	0.01	0.0100
VADNIUM	0.0000	0.0000	0.0000	0.02	0.0200
ZINC	0.0000	0.0000	0.0000	0.03	0.0300

			TOTAL GAL.	PER/ACRES
GAL.	0	0	0	0.00

LOCATION: 885-II AREA: SEQUOYAH ACRES: 12.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	80.936	0.0000	80.9360	780.00	860.94
ARSENIC	0.0026	0.0000	0.0026	0.04	0.0426
BORON	0.0061	0.0000	0.0061	0.02	0.0261
CADMIUM	0.0002	0.0000	0.0002	0.01	0.0102
CHROMIUM	0.0002	0.0000	0.0002	0.01	0.0102
COBALT	0.0017	0.0000	0.0017	0.02	0.0217
COPPER	0.0302	0.0000	0.0302	0.18	0.2102
IRON	0.0003	0.0000	0.0003	0.01	0.0103
LEAD	0.0000	0.0000	0.0000	0.01	0.0100
MANGANESE	0.0311	0.0000	0.0311	0.27	0.3011
MOLYBDENUM	0.0279	0.0000	0.0279	0.29	0.3179
NICKEL	0.0481	0.0000	0.0481	0.23	0.2781
SELENIUM	0.0003	0.0000	0.0003	0.01	0.0103
URANIUM	0.0001	0.0000	0.0001	0.00	0.0001
VADNIUM	0.0017	0.0000	0.0017	0.01	0.0117
ZINC	0.0074	0.0000	0.0074	0.03	0.0374

			TOTAL GAL.	PER/ACRES
GAL.	6300	0	6300	525.00

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87

LOCATION: 160-1 AREA: SEQUOYAH ACRES: 12.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	0.000	0.0000	0.0000	540.00	540.00
ARSENIC	0.0000	0.0000	0.0000	0.02	0.0200
BORON	0.0000	0.0000	0.0000	0.00	0.0000
CADMIUM	0.0000	0.0000	0.0000	0.02	0.0200
CHROMIUM	0.0000	0.0000	0.0000	0.02	0.0200
COBALT	0.0000	0.0000	0.0000	0.02	0.0200
COPPER	0.0000	0.0000	0.0000	0.08	0.0800
IRON	0.0000	0.0000	0.0000	0.02	0.0200
LEAD	0.0000	0.0000	0.0000	0.02	0.0200
MANGANESE	0.0000	0.0000	0.0000	0.07	0.0700
MOLYBDENUM	0.0000	0.0000	0.0000	0.24	0.2400
NICKEL	0.0000	0.0000	0.0000	0.09	0.0900
SELENIUM	0.0000	0.0000	0.0000	0.02	0.0200
URANIUM	0.0000	0.0000	0.0000	0.01	0.0100
VADNIUM	0.0000	0.0000	0.0000	0.02	0.0200
ZINC	0.0000	0.0000	0.0000	0.02	0.0200

			TOTAL GAL.	PER/ACRES
GAL.	0	0	0	0.00

LOCATION: 885-XV AREA: SEQUOYAH ACRES: 12.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	0.000	0.0000	0.0000	800.00	800.00
ARSENIC	0.0000	0.0000	0.0000	0.04	0.0400
BORON	0.0000	0.0000	0.0000	0.02	0.0200
CADMIUM	0.0000	0.0000	0.0000	0.02	0.0200
CHROMIUM	0.0000	0.0000	0.0000	0.02	0.0200
COBALT	0.0000	0.0000	0.0000	0.03	0.0300
COPPER	0.0000	0.0000	0.0000	0.18	0.1800
IRON	0.0000	0.0000	0.0000	0.02	0.0200
LEAD	0.0000	0.0000	0.0000	0.02	0.0200
MANGANESE	0.0000	0.0000	0.0000	0.23	0.2300
MOLYBDENUM	0.0000	0.0000	0.0000	0.36	0.3600
NICKEL	0.0000	0.0000	0.0000	0.22	0.2200
SELENIUM	0.0000	0.0000	0.0000	0.02	0.0200
URANIUM	0.0000	0.0000	0.0000	0.01	0.0100
VADNIUM	0.0000	0.0000	0.0000	0.02	0.0200
ZINC	0.0000	0.0000	0.0000	0.04	0.0400

			TOTAL GAL.	PER/ACRES
GAL.	0	0	0	0.00

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87

LOCATION: 160-2 AREA: SEQUOYAH ACRES: 7.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	0.000	0.0000	0.0000	766.00	766.00
ARSENIC	0.0000	0.0000	0.0000	0.03	0.0300
BORON	0.0000	0.0000	0.0000	0.00	0.0000
CADMIUM	0.0000	0.0000	0.0000	0.02	0.0200
CHROMIUM	0.0000	0.0000	0.0000	0.02	0.0200
COBALT	0.0000	0.0000	0.0000	0.02	0.0200
COPPER	0.0000	0.0000	0.0000	0.10	0.1000
IRON	0.0000	0.0000	0.0000	0.02	0.0200
LEAD	0.0000	0.0000	0.0000	0.02	0.0200
MANGANESE	0.0000	0.0000	0.0000	0.06	0.0600
MOLYBDENUM	0.0000	0.0000	0.0000	0.30	0.3000
NICKEL	0.0000	0.0000	0.0000	0.16	0.1600
SELENIUM	0.0000	0.0000	0.0000	0.02	0.0200
URANIUM	0.0000	0.0000	0.0000	0.01	0.0100
VADNIUM	0.0000	0.0000	0.0000	0.02	0.0200
ZINC	0.0000	0.0000	0.0000	0.03	0.0300

			TOTAL GAL.	PER/ACRES
GAL.	0	0	0	0.00

LOCATION: 885-XVII AREA: SEQUOYAH ACRES: 91.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	154.163	206.0397	360.2027	1334.00	1694.20
ARSENIC	0.0050	0.0091	0.0141	0.05	0.0641
BORON	0.0117	0.0024	0.0141	0.03	0.0441
CADMIUM	0.0004	0.0002	0.0006	0.02	0.0206
CHROMIUM	0.0004	0.0004	0.0008	0.02	0.0208
COBALT	0.0032	0.0042	0.0074	0.03	0.0374
COPPER	0.0575	0.0486	0.1061	0.27	0.3761
IRON	0.0007	0.0008	0.0015	0.02	0.0215
LEAD	0.0001	0.0016	0.0017	0.02	0.0217
MANGANESE	0.0592	0.0717	0.1309	0.35	0.4809
MOLYBDENUM	0.0532	0.0742	0.1274	0.56	0.6874
NICKEL	0.0917	0.1319	0.2236	0.35	0.5736
SELENIUM	0.0005	0.0008	0.0013	0.02	0.0213
URANIUM	0.0003	0.0001	0.0004	0.01	0.0104
VADNIUM	0.0033	0.0132	0.0165	0.02	0.0365
ZINC	0.0141	0.0158	0.0299	0.24	0.2699

			TOTAL GAL.	PER/ACRES
GAL.	91000	90000	181000	1989.01

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87 PAGE 38

LOCATION: 885-III AREA: SEQUOYAH ACRES: 30.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	138.799	0.0000	138.7990	388.00	526.80
ARSENIC	0.0045	0.0000	0.0045	0.02	0.0245
BORON	0.0105	0.0000	0.0105	0.01	0.0205
CADMIUM	0.0004	0.0000	0.0004	0.01	0.0104
CHROMIUM	0.0004	0.0000	0.0004	0.01	0.0104
COBALT	0.0029	0.0000	0.0029	0.01	0.0129
COPPER	0.0518	0.0000	0.0518	0.10	0.1518
IRON	0.0006	0.0000	0.0006	0.01	0.0106
LEAD	0.0001	0.0000	0.0001	0.01	0.0101
MANGANESE	0.0533	0.0000	0.0533	0.16	0.2133
MOLYBDENUM	0.0479	0.0000	0.0479	0.12	0.1679
NICKEL	0.0825	0.0000	0.0825	0.11	0.1925
SELENIUM	0.0004	0.0000	0.0004	0.01	0.0104
URANIUM	0.0002	0.0000	0.0002	0.00	0.0002
VADNIUM	0.0030	0.0000	0.0030	0.01	0.0130
ZINC	0.0127	0.0000	0.0127	0.02	0.0327
			TOTAL GAL.		PER/ACRES
GAL.	27010	0	27010		900.33

LOCATION: 885-IV AREA: SEQUOYAH ACRES: 95.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	77.439	0.0000	77.4390	567.00	644.44
ARSENIC	0.0025	0.0000	0.0025	0.02	0.0225
BORON	0.0059	0.0000	0.0059	0.01	0.0159
CADMIUM	0.0002	0.0000	0.0002	0.02	0.0202
CHROMIUM	0.0002	0.0000	0.0002	0.02	0.0202
COBALT	0.0016	0.0000	0.0016	0.02	0.0216
COPPER	0.0289	0.0000	0.0289	0.08	0.1089
IRON	0.0003	0.0000	0.0003	0.02	0.0203
LEAD	0.0000	0.0000	0.0000	0.02	0.0200
MANGANESE	0.0297	0.0000	0.0297	0.13	0.1597
MOLYBDENUM	0.0267	0.0000	0.0267	0.22	0.2467
NICKEL	0.0460	0.0000	0.0460	0.13	0.1760
SELENIUM	0.0002	0.0000	0.0002	0.02	0.0202
URANIUM	0.0001	0.0000	0.0001	0.01	0.0101
VADNIUM	0.0017	0.0000	0.0017	0.02	0.0217
ZINC	0.0071	0.0000	0.0071	0.03	0.0371
			TOTAL GAL.		PER/ACRES
GAL.	47720	0	47720		502.32

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87 PAGE 39

LOCATION: 885-V AREA: SEQUOYAH ACRES: 12.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	80.293	0.0000	80.2930	554.00	634.29
ARSENIC	0.0026	0.0000	0.0026	0.02	0.0226
BORON	0.0061	0.0000	0.0061	0.01	0.0161
CADMIUM	0.0002	0.0000	0.0002	0.02	0.0202
CHROMIUM	0.0002	0.0000	0.0002	0.02	0.0202
COBALT	0.0016	0.0000	0.0016	0.02	0.0216
COPPER	0.0299	0.0000	0.0299	0.07	0.0999
IRON	0.0003	0.0000	0.0003	0.02	0.0203
LEAD	0.0000	0.0000	0.0000	0.02	0.0200
MANGANESE	0.0308	0.0000	0.0308	0.12	0.1508
MOLYBDENUM	0.0277	0.0000	0.0277	0.20	0.2277
NICKEL	0.0477	0.0000	0.0477	0.13	0.1777
SELENIUM	0.0003	0.0000	0.0003	0.02	0.0203
URANIUM	0.0001	0.0000	0.0001	0.01	0.0101
VADNIUM	0.0017	0.0000	0.0017	0.02	0.0217
ZINC	0.0073	0.0000	0.0073	0.03	0.0373

			TOTAL GAL.	PER/ACRES
GAL.	6250	0	6250	520.83

LOCATION: 885-VI-A AREA: SEQUOYAH ACRES: 12.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	0.000	0.0000	0.0000	196.00	196.00
ARSENIC	0.0000	0.0000	0.0000	0.01	0.0100
BORON	0.0000	0.0000	0.0000	0.00	0.0000
CADMIUM	0.0000	0.0000	0.0000	0.01	0.0100
CHROMIUM	0.0000	0.0000	0.0000	0.01	0.0100
COBALT	0.0000	0.0000	0.0000	0.01	0.0100
COPPER	0.0000	0.0000	0.0000	0.02	0.0200
IRON	0.0000	0.0000	0.0000	0.01	0.0100
LEAD	0.0000	0.0000	0.0000	0.01	0.0100
MANGANESE	0.0000	0.0000	0.0000	0.03	0.0300
MOLYBDENUM	0.0000	0.0000	0.0000	0.05	0.0500
NICKEL	0.0000	0.0000	0.0000	0.04	0.0400
SELENIUM	0.0000	0.0000	0.0000	0.01	0.0100
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0000	0.0000	0.0000	0.01	0.0100
ZINC	0.0000	0.0000	0.0000	0.01	0.0100

			TOTAL GAL.	PER/ACRES
GAL.	0	0	0	0.00

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87

LOCATION: 885-I AREA: SEQUOYAH ACRES: 52.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	148.234	0.0000	148.2340	499.00	647.23
ARSENIC	0.0048	0.0000	0.0048	0.02	0.0248
BORON	0.0112	0.0000	0.0112	0.01	0.0212
CADMIUM	0.0004	0.0000	0.0004	0.01	0.0104
CHROMIUM	0.0004	0.0000	0.0004	0.01	0.0104
COBALT	0.0030	0.0000	0.0030	0.01	0.0130
COPPER	0.0553	0.0000	0.0553	0.09	0.1453
IRON	0.0006	0.0000	0.0006	0.01	0.0106
LEAD	0.0001	0.0000	0.0001	0.01	0.0101
MANGANESE	0.0569	0.0000	0.0569	0.12	0.1769
MOLYBDENUM	0.0511	0.0000	0.0511	0.22	0.2711
NICKEL	0.0881	0.0000	0.0881	0.14	0.2281
SELENIUM	0.0005	0.0000	0.0005	0.01	0.0105
URANIUM	0.0003	0.0000	0.0003	0.01	0.0103
VADNIUM	0.0032	0.0000	0.0032	0.01	0.0132
ZINC	0.0135	0.0000	0.0135	0.03	0.0435

			TOTAL GAL.	PER/ACRES
GAL.	50000	0	50000	961.54

LOCATION: 270-RET POND AREA: SEQUOYAH ACRES: 24.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	0.000	0.0000	0.0000	337.00	337.00
ARSENIC	0.0000	0.0000	0.0000	0.01	0.0100
BORON	0.0000	0.0000	0.0000	0.00	0.0000
CADMIUM	0.0000	0.0000	0.0000	0.01	0.0100
CHROMIUM	0.0000	0.0000	0.0000	0.01	0.0100
COBALT	0.0000	0.0000	0.0000	0.01	0.0100
COPPER	0.0000	0.0000	0.0000	0.04	0.0400
IRON	0.0000	0.0000	0.0000	0.01	0.0100
LEAD	0.0000	0.0000	0.0000	0.01	0.0100
MANGANESE	0.0000	0.0000	0.0000	0.07	0.0700
MOLYBDENUM	0.0000	0.0000	0.0000	0.12	0.1200
NICKEL	0.0000	0.0000	0.0000	0.07	0.0700
SELENIUM	0.0000	0.0000	0.0000	0.01	0.0100
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0000	0.0000	0.0000	0.01	0.0100
ZINC	0.0000	0.0000	0.0000	0.01	0.0100

			TOTAL GAL.	PER/ACRES
GAL.	0	0	0	0.00

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87 PAGE 41

LOCATION: 885-XX AREA: SEQUOYAH ACRES: 26.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	0.000	0.0000	0.0000	202.00	202.00
ARSENIC	0.0000	0.0000	0.0000	0.01	0.0100
BORON	0.0000	0.0000	0.0000	0.00	0.0000
CADMIUM	0.0000	0.0000	0.0000	0.01	0.0100
CHROMIUM	0.0000	0.0000	0.0000	0.01	0.0100
COBALT	0.0000	0.0000	0.0000	0.01	0.0100
COPPER	0.0000	0.0000	0.0000	0.02	0.0200
IRON	0.0000	0.0000	0.0000	0.01	0.0100
LEAD	0.0000	0.0000	0.0000	0.01	0.0100
MANGANESE	0.0000	0.0000	0.0000	0.04	0.0400
MOLYBDENUM	0.0000	0.0000	0.0000	0.05	0.0500
NICKEL	0.0000	0.0000	0.0000	0.04	0.0400
SELENIUM	0.0000	0.0000	0.0000	0.01	0.0100
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0000	0.0000	0.0000	0.01	0.0100
ZINC	0.0000	0.0000	0.0000	0.01	0.0100

			TOTAL GAL.	PER/ACRES
GAL.	0	0	0	0.00

LOCATION: 885-XIX AREA: SEQUOYAH ACRES: 32.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	0.000	0.0000	0.0000	217.00	217.00
ARSENIC	0.0000	0.0000	0.0000	0.01	0.0100
BORON	0.0000	0.0000	0.0000	0.00	0.0000
CADMIUM	0.0000	0.0000	0.0000	0.01	0.0100
CHROMIUM	0.0000	0.0000	0.0000	0.01	0.0100
COBALT	0.0000	0.0000	0.0000	0.01	0.0100
COPPER	0.0000	0.0000	0.0000	0.02	0.0200
IRON	0.0000	0.0000	0.0000	0.01	0.0100
LEAD	0.0000	0.0000	0.0000	0.01	0.0100
MANGANESE	0.0000	0.0000	0.0000	0.04	0.0400
MOLYBDENUM	0.0000	0.0000	0.0000	0.06	0.0600
NICKEL	0.0000	0.0000	0.0000	0.04	0.0400
SELENIUM	0.0000	0.0000	0.0000	0.01	0.0100
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0000	0.0000	0.0000	0.01	0.0100
ZINC	0.0000	0.0000	0.0000	0.01	0.0100

			TOTAL GAL.	PER/ACRES
GAL.	0	0	0	0.00

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87 PAGE 42

LOCATION: 885-VI AREA: SEQUOYAH ACRES: 23.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	80.433	0.0000	80.4330	250.00	330.43
ARSENIC	0.0026	0.0000	0.0026	0.01	0.0126
BORON	0.0061	0.0000	0.0061	0.00	0.0061
CADMIUM	0.0002	0.0000	0.0002	0.01	0.0102
CHROMIUM	0.0002	0.0000	0.0002	0.01	0.0102
COBALT	0.0017	0.0000	0.0017	0.01	0.0117
COPPER	0.0300	0.0000	0.0300	0.03	0.0600
IRON	0.0003	0.0000	0.0003	0.01	0.0103
LEAD	0.0000	0.0000	0.0000	0.01	0.0100
MANGANESE	0.0309	0.0000	0.0309	0.05	0.0809
MOLYBDENUM	0.0277	0.0000	0.0277	0.11	0.1377
NICKEL	0.0478	0.0000	0.0478	0.05	0.0978
SELENIUM	0.0003	0.0000	0.0003	0.01	0.0103
URANIUM	0.0001	0.0000	0.0001	0.01	0.0101
VADNIUM	0.0017	0.0000	0.0017	0.01	0.0117
ZINC	0.0073	0.0000	0.0073	0.01	0.0173

			TOTAL GAL.	PER/ACRES
GAL.	12000	0	12000	521.74

LOCATION: 885-XVI AREA: SEQUOYAH ACRES: 15.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	77.082	0.0000	77.0820	784.00	861.08
ARSENIC	0.0025	0.0000	0.0025	0.04	0.0425
BORON	0.0058	0.0000	0.0058	0.02	0.0258
CADMIUM	0.0002	0.0000	0.0002	0.02	0.0202
CHROMIUM	0.0002	0.0000	0.0002	0.02	0.0202
COBALT	0.0016	0.0000	0.0016	0.03	0.0316
COPPER	0.0287	0.0000	0.0287	0.17	0.1987
IRON	0.0003	0.0000	0.0003	0.02	0.0203
LEAD	0.0000	0.0000	0.0000	0.02	0.0200
MANGANESE	0.0296	0.0000	0.0296	0.26	0.2896
MOLYBDENUM	0.0266	0.0000	0.0266	0.29	0.3166
NICKEL	0.0458	0.0000	0.0458	0.23	0.2758
SELENIUM	0.0002	0.0000	0.0002	0.02	0.0202
URANIUM	0.0001	0.0000	0.0001	0.01	0.0101
VADNIUM	0.0017	0.0000	0.0017	0.02	0.0217
ZINC	0.0070	0.0000	0.0070	0.04	0.0470

			TOTAL GAL.	PER/ACRES
GAL.	7500	0	7500	500.00

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87

LOCATION: NORTH SALT AREA: SEQUOYAH ACRES: 10.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	0.000	0.0000	0.0000	746.00	746.00
ARSENIC	0.0000	0.0000	0.0000	0.03	0.0300
BORON	0.0000	0.0000	0.0000	0.00	0.0000
CADMIUM	0.0000	0.0000	0.0000	0.02	0.0200
CHROMIUM	0.0000	0.0000	0.0000	0.02	0.0200
COBALT	0.0000	0.0000	0.0000	0.02	0.0200
COPPER	0.0000	0.0000	0.0000	0.09	0.0900
IRON	0.0000	0.0000	0.0000	0.02	0.0200
LEAD	0.0000	0.0000	0.0000	0.02	0.0200
MANGANESE	0.0000	0.0000	0.0000	0.15	0.1500
MOLYBDENUM	0.0000	0.0000	0.0000	0.29	0.2900
NICKEL	0.0000	0.0000	0.0000	0.15	0.1500
SELENIUM	0.0000	0.0000	0.0000	0.02	0.0200
URANIUM	0.0000	0.0000	0.0000	0.01	0.0100
VADNIUM	0.0000	0.0000	0.0000	0.02	0.0200
ZINC	0.0000	0.0000	0.0000	0.03	0.0300

			TOTAL GAL.	PER/ACRES
GAL.	0	0	0	0.00

LOCATION: 270-NORTH AREA: SEQUOYAH ACRES: 90.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	188.422	215.2733	403.6953	976.00	1379.70
ARSENIC	0.0061	0.0095	0.0156	0.05	0.0656
BORON	0.0143	0.0025	0.0168	0.02	0.0368
CADMIUM	0.0005	0.0002	0.0007	0.02	0.0207
CHROMIUM	0.0005	0.0004	0.0009	0.02	0.0209
COBALT	0.0039	0.0044	0.0083	0.03	0.0383
COPPER	0.0703	0.0508	0.1211	0.20	0.3211
IRON	0.0008	0.0009	0.0017	0.02	0.0217
LEAD	0.0001	0.0017	0.0018	0.02	0.0218
MANGANESE	0.0723	0.0749	0.1472	0.31	0.4572
MOLYBDENUM	0.0650	0.0775	0.1425	0.37	0.5125
NICKEL	0.1120	0.1378	0.2498	0.27	0.5198
SELENIUM	0.0006	0.0008	0.0014	0.02	0.0214
URANIUM	0.0003	0.0001	0.0004	0.01	0.0104
VADNIUM	0.0041	0.0138	0.0179	0.02	0.0379
ZINC	0.0172	0.0165	0.0337	0.04	0.0737

			TOTAL GAL.	PER/ACRES
GAL.	110000	93000	203000	2255.56

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87 PAGE 44

LOCATION: 270-SOUTH AREA: SEQUOYAH ACRES: 99.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	154.163	199.9117	354.0747	909.00	1263.07
ARSENIC	0.0050	0.0088	0.0138	0.04	0.0538
BORON	0.0117	0.0023	0.0140	0.03	0.0440
CADMIUM	0.0004	0.0002	0.0006	0.02	0.0206
CHROMIUM	0.0004	0.0004	0.0008	0.02	0.0208
COBALT	0.0032	0.0041	0.0073	0.03	0.0373
COPPER	0.0575	0.0472	0.1047	0.21	0.3147
IRON	0.0007	0.0008	0.0015	0.02	0.0215
LEAD	0.0001	0.0016	0.0017	0.03	0.0317
MANGANESE	0.0592	0.0696	0.1288	0.27	0.3988
MOLYBDENUM	0.0532	0.0720	0.1252	0.40	0.5252
NICKEL	0.0917	0.1279	0.2196	0.25	0.4696
SELENIUM	0.0005	0.0008	0.0013	0.02	0.0213
URANIUM	0.0003	0.0001	0.0004	0.01	0.0104
VADNIUM	0.0033	0.0128	0.0161	0.02	0.0361
ZINC	0.0141	0.0154	0.0295	0.05	0.0795

			TOTAL GAL.	PER/ACRES
GAL.	99000	95000	194000	1959.60

LOCATION: 270-WEST AREA: SEQUOYAH ACRES: 19.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	154.975	208.3290	363.3040	1069.00	1432.30
ARSENIC	0.0050	0.0092	0.0142	0.04	0.0542
BORON	0.0117	0.0024	0.0141	0.02	0.0341
CADMIUM	0.0004	0.0002	0.0006	0.02	0.0206
CHROMIUM	0.0004	0.0004	0.0008	0.02	0.0208
COBALT	0.0032	0.0042	0.0074	0.03	0.0374
COPPER	0.0578	0.0492	0.1070	0.23	0.3370
IRON	0.0007	0.0008	0.0015	0.02	0.0215
LEAD	0.0001	0.0017	0.0018	0.02	0.0218
MANGANESE	0.0595	0.0725	0.1320	0.29	0.4220
MOLYBDENUM	0.0534	0.0750	0.1284	0.47	0.5984
NICKEL	0.0921	0.1333	0.2254	0.29	0.5154
SELENIUM	0.0005	0.0008	0.0013	0.02	0.0213
URANIUM	0.0003	0.0001	0.0004	0.01	0.0104
VADNIUM	0.0034	0.0133	0.0167	0.02	0.0367
ZINC	0.0142	0.0160	0.0302	0.04	0.0702

			TOTAL GAL.	PER/ACRES
GAL.	19100	19000	38100	2005.26

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87 PAGE 45

LOCATION: 270-SOUTHWEST AREA: SEQUOYAH ACRES: 12.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	159.302	208.3290	367.6310	1113.00	1480.63
ARSENIC	0.0052	0.0092	0.0144	0.04	0.0544
BORON	0.0121	0.0024	0.0145	0.02	0.0345
CADMIUM	0.0004	0.0002	0.0006	0.02	0.0206
CHROMIUM	0.0004	0.0004	0.0008	0.02	0.0208
COBALT	0.0033	0.0042	0.0075	0.03	0.0375
COPPER	0.0594	0.0492	0.1086	0.24	0.3486
IRON	0.0007	0.0008	0.0015	0.02	0.0215
LEAD	0.0001	0.0017	0.0018	0.02	0.0218
MANGANESE	0.0611	0.0725	0.1336	0.30	0.4336
MOLYBDENUM	0.0549	0.0750	0.1299	0.49	0.6199
NICKEL	0.0947	0.1333	0.2280	0.30	0.5280
SELENIUM	0.0005	0.0008	0.0013	0.02	0.0213
URANIUM	0.0003	0.0001	0.0004	0.01	0.0104
VADNIUM	0.0034	0.0133	0.0167	0.02	0.0367
ZINC	0.0146	0.0160	0.0306	0.05	0.0806

			TOTAL GAL.	PER/ACRES
GAL.	12400	12000	24400	2033.33

LOCATION: 270-SOUTHEAST AREA: SEQUOYAH ACRES: 15.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	123.331	0.0000	123.3310	383.00	506.33
ARSENIC	0.0040	0.0000	0.0040	0.01	0.0140
BORON	0.0093	0.0000	0.0093	0.00	0.0093
CADMIUM	0.0003	0.0000	0.0003	0.01	0.0103
CHROMIUM	0.0003	0.0000	0.0003	0.01	0.0103
COBALT	0.0025	0.0000	0.0025	0.01	0.0125
COPPER	0.0460	0.0000	0.0460	0.05	0.0960
IRON	0.0005	0.0000	0.0005	0.01	0.0105
LEAD	0.0001	0.0000	0.0001	0.01	0.0101
MANGANESE	0.0473	0.0000	0.0473	0.08	0.1273
MOLYBDENUM	0.0425	0.0000	0.0425	0.14	0.1825
NICKEL	0.0733	0.0000	0.0733	0.08	0.1533
SELENIUM	0.0004	0.0000	0.0004	0.01	0.0104
URANIUM	0.0002	0.0000	0.0002	0.00	0.0002
VADNIUM	0.0027	0.0000	0.0027	0.01	0.0127
ZINC	0.0113	0.0000	0.0113	0.01	0.0213

			TOTAL GAL.	PER/ACRES
GAL.	12000	0	12000	800.00

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87 PAGE 46

LOCATION: 885-VIII AREA: SEQUOYAH ACRES: 58.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	77.082	0.0000	77.0820	655.00	732.08
ARSENIC	0.0025	0.0000	0.0025	0.03	0.0325
BORON	0.0058	0.0000	0.0058	0.01	0.0158
CADMIUM	0.0002	0.0000	0.0002	0.02	0.0202
CHROMIUM	0.0002	0.0000	0.0002	0.02	0.0202
COBALT	0.0016	0.0000	0.0016	0.02	0.0216
COPPER	0.0287	0.0000	0.0287	0.13	0.1587
IRON	0.0003	0.0000	0.0003	0.02	0.0203
LEAD	0.0000	0.0000	0.0000	0.02	0.0200
MANGANESE	0.0296	0.0000	0.0296	0.21	0.2396
MOLYBDENUM	0.0266	0.0000	0.0266	0.24	0.2666
NICKEL	0.0458	0.0000	0.0458	0.16	0.2058
SELENIUM	0.0002	0.0000	0.0002	0.02	0.0202
URANIUM	0.0001	0.0000	0.0001	0.01	0.0101
VADNIUM	0.0017	0.0000	0.0017	0.02	0.0217
ZINC	0.0070	0.0000	0.0070	0.03	0.0370

			TOTAL GAL.	PER/ACRES
GAL.	29000	0	29000	500.00

LOCATION: 885-XI AREA: SEQUOYAH ACRES: 30.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	154.163	208.3290	362.4920	665.00	1027.49
ARSENIC	0.0050	0.0092	0.0142	0.04	0.0542
BORON	0.0117	0.0024	0.0141	0.02	0.0341
CADMIUM	0.0004	0.0002	0.0006	0.02	0.0206
CHROMIUM	0.0004	0.0004	0.0008	0.02	0.0208
COBALT	0.0032	0.0042	0.0074	0.03	0.0374
COPPER	0.0575	0.0492	0.1067	0.16	0.2667
IRON	0.0007	0.0008	0.0015	0.03	0.0315
LEAD	0.0001	0.0017	0.0018	0.02	0.0218
MANGANESE	0.0592	0.0725	0.1317	0.24	0.3717
MOLYBDENUM	0.0532	0.0750	0.1282	0.28	0.4082
NICKEL	0.0917	0.1333	0.2250	0.20	0.4250
SELENIUM	0.0005	0.0008	0.0013	0.02	0.0213
URANIUM	0.0003	0.0001	0.0004	0.01	0.0104
VADNIUM	0.0033	0.0133	0.0166	0.02	0.0366
ZINC	0.0141	0.0160	0.0301	0.04	0.0701

			TOTAL GAL.	PER/ACRES
GAL.	30000	30000	60000	2000.00

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87 PAGE 47

LOCATION: 885-XII AREA: SEQUOYAH ACRES: 11.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	84.089	0.0000	84.0890	839.00	923.09
ARSENIC	0.0027	0.0000	0.0027	0.04	0.0427
BORON	0.0064	0.0000	0.0064	0.03	0.0364
CADMIUM	0.0002	0.0000	0.0002	0.02	0.0202
CHROMIUM	0.0002	0.0000	0.0002	0.02	0.0202
COBALT	0.0017	0.0000	0.0017	0.03	0.0317
COPPER	0.0314	0.0000	0.0314	0.15	0.1814
IRON	0.0004	0.0000	0.0004	0.02	0.0204
LEAD	0.0000	0.0000	0.0000	0.02	0.0200
MANGANESE	0.0323	0.0000	0.0323	0.24	0.2723
MOLYBDENUM	0.0290	0.0000	0.0290	0.34	0.3690
NICKEL	0.0500	0.0000	0.0500	0.26	0.3100
SELENIUM	0.0003	0.0000	0.0003	0.02	0.0203
URANIUM	0.0001	0.0000	0.0001	0.01	0.0101
VADNIUM	0.0018	0.0000	0.0018	0.02	0.0218
ZINC	0.0077	0.0000	0.0077	0.05	0.0577

			TOTAL GAL.	PER/ACRES
GAL.	6000	0	6000	545.45

LOCATION: 885-XIII AREA: SEQUOYAH ACRES: 24.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	77.082	0.0000	77.0820	1173.00	1250.08
ARSENIC	0.0025	0.0000	0.0025	0.05	0.0525
BORON	0.0058	0.0000	0.0058	0.02	0.0258
CADMIUM	0.0002	0.0000	0.0002	0.02	0.0202
CHROMIUM	0.0002	0.0000	0.0002	0.02	0.0202
COBALT	0.0016	0.0000	0.0016	0.03	0.0316
COPPER	0.0287	0.0000	0.0287	0.24	0.2687
IRON	0.0003	0.0000	0.0003	0.02	0.0203
LEAD	0.0000	0.0000	0.0000	0.02	0.0200
MANGANESE	0.0296	0.0000	0.0296	0.33	0.3596
MOLYBDENUM	0.0266	0.0000	0.0266	0.48	0.5066
NICKEL	0.0458	0.0000	0.0458	0.31	0.3558
SELENIUM	0.0002	0.0000	0.0002	0.02	0.0202
URANIUM	0.0001	0.0000	0.0001	0.01	0.0101
VADNIUM	0.0017	0.0000	0.0017	0.02	0.0217
ZINC	0.0070	0.0000	0.0070	0.05	0.0570

			TOTAL GAL.	PER/ACRES
GAL.	12000	0	12000	500.00

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87

LOCATION: REMER AREA: SEQUOYAH ACRES: 75.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	135.664	111.1088	246.7728	521.00	767.77
ARSENIC	0.0044	0.0049	0.0093	0.02	0.0293
BORON	0.0103	0.0013	0.0116	0.01	0.0216
CADMIUM	0.0004	0.0001	0.0005	0.01	0.0105
CHROMIUM	0.0004	0.0002	0.0006	0.01	0.0106
COBALT	0.0028	0.0023	0.0051	0.01	0.0151
COPPER	0.0506	0.0262	0.0768	0.10	0.1768
IRON	0.0006	0.0004	0.0010	0.01	0.0110
LEAD	0.0001	0.0009	0.0010	0.01	0.0110
MANGANESE	0.0521	0.0387	0.0908	0.09	0.1808
MOLYBDENUM	0.0468	0.0400	0.0868	0.25	0.3368
NICKEL	0.0807	0.0711	0.1518	0.13	0.2818
SELENIUM	0.0004	0.0004	0.0008	0.01	0.0108
URANIUM	0.0002	0.0000	0.0002	0.01	0.0102
VADNIUM	0.0029	0.0071	0.0100	0.01	0.0200
ZINC	0.0124	0.0085	0.0209	0.02	0.0409

			TOTAL GAL.	PER/ACRES
GAL.	66000	40000	106000	1413.33

LOCATION: 885-VII AREA: SEQUOYAH ACRES: 17.60

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	156.528	104.1645	260.6925	1007.00	1267.69
ARSENIC	0.0051	0.0046	0.0097	0.05	0.0597
BORON	0.0118	0.0012	0.0130	0.02	0.0330
CADMIUM	0.0004	0.0001	0.0005	0.02	0.0205
CHROMIUM	0.0004	0.0002	0.0006	0.02	0.0206
COBALT	0.0032	0.0021	0.0053	0.03	0.0353
COPPER	0.0584	0.0246	0.0830	0.16	0.2430
IRON	0.0007	0.0004	0.0011	0.02	0.0211
LEAD	0.0001	0.0008	0.0009	0.02	0.0209
MANGANESE	0.0601	0.0362	0.0963	0.27	0.3663
MOLYBDENUM	0.0540	0.0375	0.0915	0.39	0.4815
NICKEL	0.0931	0.0667	0.1598	0.28	0.4398
SELENIUM	0.0005	0.0004	0.0009	0.02	0.0209
URANIUM	0.0003	0.0000	0.0003	0.01	0.0103
VADNIUM	0.0034	0.0067	0.0101	0.02	0.0301
ZINC	0.0143	0.0080	0.0223	0.05	0.0723

			TOTAL GAL.	PER/ACRES
GAL.	17870	8800	26670	1515.34

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87 PAGE 49

LOCATION: 885-XXV AREA: SEQUOYAH ACRES: 103.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	0.000	0.0000	0.0000	207.00	207.00
ARSENIC	0.0000	0.0000	0.0000	0.01	0.0100
BORON	0.0000	0.0000	0.0000	0.00	0.0000
CADMIUM	0.0000	0.0000	0.0000	0.01	0.0100
CHROMIUM	0.0000	0.0000	0.0000	0.01	0.0100
COBALT	0.0000	0.0000	0.0000	0.01	0.0100
COPPER	0.0000	0.0000	0.0000	0.02	0.0200
IRON	0.0000	0.0000	0.0000	0.01	0.0100
LEAD	0.0000	0.0000	0.0000	0.01	0.0100
MANGANESE	0.0000	0.0000	0.0000	0.04	0.0400
MOLYBDENUM	0.0000	0.0000	0.0000	0.05	0.0500
NICKEL	0.0000	0.0000	0.0000	0.04	0.0400
SELENIUM	0.0000	0.0000	0.0000	0.01	0.0100
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0000	0.0000	0.0000	0.01	0.0100
ZINC	0.0000	0.0000	0.0000	0.01	0.0100

			TOTAL GAL.	PER/ACRES
GAL.	0	0	0	0.00

LOCATION: BALLFIELD AREA: SEQUOYAH ACRES: 11.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	0.000	0.0000	0.0000	652.00	652.00
ARSENIC	0.0000	0.0000	0.0000	0.02	0.0200
BORON	0.0000	0.0000	0.0000	0.01	0.0100
CADMIUM	0.0000	0.0000	0.0000	0.02	0.0200
CHROMIUM	0.0000	0.0000	0.0000	0.02	0.0200
COBALT	0.0000	0.0000	0.0000	0.02	0.0200
COPPER	0.0000	0.0000	0.0000	0.10	0.1000
IRON	0.0000	0.0000	0.0000	0.02	0.0200
LEAD	0.0000	0.0000	0.0000	0.02	0.0200
MANGANESE	0.0000	0.0000	0.0000	0.11	0.1100
MOLYBDENUM	0.0000	0.0000	0.0000	0.31	0.3100
NICKEL	0.0000	0.0000	0.0000	0.15	0.1500
SELENIUM	0.0000	0.0000	0.0000	0.02	0.0200
URANIUM	0.0000	0.0000	0.0000	0.01	0.0100
VADNIUM	0.0000	0.0000	0.0000	0.02	0.0200
ZINC	0.0000	0.0000	0.0000	0.04	0.0400

			TOTAL GAL.	PER/ACRES
GAL.	0	0	0	0.00

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87 PAGE 50

LOCATION: 885-XXIV AREA: SEQUOYAH ACRES: 10.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	0.000	0.0000	0.0000	202.00	202.00
ARSENIC	0.0000	0.0000	0.0000	0.01	0.0100
BORON	0.0000	0.0000	0.0000	0.00	0.0000
CADMIUM	0.0000	0.0000	0.0000	0.01	0.0100
CHROMIUM	0.0000	0.0000	0.0000	0.01	0.0100
COBALT	0.0000	0.0000	0.0000	0.01	0.0100
COPPER	0.0000	0.0000	0.0000	0.02	0.0200
IRON	0.0000	0.0000	0.0000	0.01	0.0100
LEAD	0.0000	0.0000	0.0000	0.01	0.0100
MANGANESE	0.0000	0.0000	0.0000	0.04	0.0400
MOLYBDENUM	0.0000	0.0000	0.0000	0.05	0.0500
NICKEL	0.0000	0.0000	0.0000	0.04	0.0400
SELENIUM	0.0000	0.0000	0.0000	0.01	0.0100
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0000	0.0000	0.0000	0.01	0.0100
ZINC	0.0000	0.0000	0.0000	0.01	0.0100

			TOTAL GAL.	PER/ACRES
GAL.	0	0	0	0.00

LOCATION: 885-XXVII AREA: SEQUOYAH ACRES: 12.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	154.163	0.0000	154.1630	477.00	631.16
ARSENIC	0.0050	0.0000	0.0050	0.03	0.0350
BORON	0.0117	0.0000	0.0117	0.01	0.0217
CADMIUM	0.0004	0.0000	0.0004	0.02	0.0204
CHROMIUM	0.0004	0.0000	0.0004	0.02	0.0204
COBALT	0.0032	0.0000	0.0032	0.02	0.0232
COPPER	0.0575	0.0000	0.0575	0.11	0.1675
IRON	0.0007	0.0000	0.0007	0.02	0.0207
LEAD	0.0001	0.0000	0.0001	0.02	0.0201
MANGANESE	0.0592	0.0000	0.0592	0.17	0.2292
MOLYBDENUM	0.0532	0.0000	0.0532	0.16	0.2132
NICKEL	0.0917	0.0000	0.0917	0.12	0.2117
SELENIUM	0.0005	0.0000	0.0005	0.02	0.0205
URANIUM	0.0003	0.0000	0.0003	0.01	0.0103
VADNIUM	0.0033	0.0000	0.0033	0.02	0.0233
ZINC	0.0141	0.0000	0.0141	0.03	0.0441

			TOTAL GAL.	PER/ACRES
GAL.	12000	0	12000	1000.00

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87 PAGE 51

LOCATION: 885-XXVI AREA: SEQUOYAH ACRES: 8.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	0.000	0.0000	0.0000	180.00	180.00
ARSENIC	0.0000	0.0000	0.0000	0.01	0.0100
BORON	0.0000	0.0000	0.0000	0.00	0.0000
CADMIUM	0.0000	0.0000	0.0000	0.01	0.0100
CHROMIUM	0.0000	0.0000	0.0000	0.01	0.0100
COBALT	0.0000	0.0000	0.0000	0.01	0.0100
COPPER	0.0000	0.0000	0.0000	0.01	0.0100
IRON	0.0000	0.0000	0.0000	0.01	0.0100
LEAD	0.0000	0.0000	0.0000	0.01	0.0100
MANGANESE	0.0000	0.0000	0.0000	0.03	0.0300
MOLYBDENUM	0.0000	0.0000	0.0000	0.05	0.0500
NICKEL	0.0000	0.0000	0.0000	0.03	0.0300
SELENIUM	0.0000	0.0000	0.0000	0.01	0.0100
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0000	0.0000	0.0000	0.01	0.0100
ZINC	0.0000	0.0000	0.0000	0.01	0.0100

			TOTAL GAL.	PER/ACRES
GAL.	0	0	0	0.00

LOCATION: 160-3 AREA: SEQUOYAH ACRES: 40.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	0.000	0.0000	0.0000	434.00	434.00
ARSENIC	0.0000	0.0000	0.0000	0.02	0.0200
BORON	0.0000	0.0000	0.0000	0.00	0.0000
CADMIUM	0.0000	0.0000	0.0000	0.02	0.0200
CHROMIUM	0.0000	0.0000	0.0000	0.02	0.0200
COBALT	0.0000	0.0000	0.0000	0.02	0.0200
COPPER	0.0000	0.0000	0.0000	0.05	0.0500
IRON	0.0000	0.0000	0.0000	0.02	0.0200
LEAD	0.0000	0.0000	0.0000	0.02	0.0200
MANGANESE	0.0000	0.0000	0.0000	0.09	0.0900
MOLYBDENUM	0.0000	0.0000	0.0000	0.19	0.1900
NICKEL	0.0000	0.0000	0.0000	0.09	0.0900
SELENIUM	0.0000	0.0000	0.0000	0.02	0.0200
URANIUM	0.0000	0.0000	0.0000	0.01	0.0100
VADNIUM	0.0000	0.0000	0.0000	0.02	0.0200
ZINC	0.0000	0.0000	0.0000	0.02	0.0200

			TOTAL GAL.	PER/ACRES
GAL.	0	0	0	0.00

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87 PAGE 52

LOCATION: 160-4A AREA: SEQUOYAH ACRES: 20.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	0.000	0.0000	0.0000	806.00	806.00
ARSENIC	0.0000	0.0000	0.0000	0.03	0.0300
BORON	0.0000	0.0000	0.0000	0.00	0.0000
CADMIUM	0.0000	0.0000	0.0000	0.02	0.0200
CHROMIUM	0.0000	0.0000	0.0000	0.02	0.0200
COBALT	0.0000	0.0000	0.0000	0.02	0.0200
COPPER	0.0000	0.0000	0.0000	0.11	0.1100
IRON	0.0000	0.0000	0.0000	0.02	0.0200
LEAD	0.0000	0.0000	0.0000	0.02	0.0200
MANGANESE	0.0000	0.0000	0.0000	0.14	0.1400
MOLYBDENUM	0.0000	0.0000	0.0000	0.34	0.3400
NICKEL	0.0000	0.0000	0.0000	0.16	0.1600
SELENIUM	0.0000	0.0000	0.0000	0.02	0.0200
URANIUM	0.0000	0.0000	0.0000	0.01	0.0100
VADNIUM	0.0000	0.0000	0.0000	0.02	0.0200
ZINC	0.0000	0.0000	0.0000	0.03	0.0300

			TOTAL GAL.	PER/ACRES
GAL.	0	0	0	0.00

LOCATION: 885-XXIIIWEST AREA: SEQUOYAH ACRES: 25.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	89.106	208.3290	297.4350	325.00	622.43
ARSENIC	0.0029	0.0092	0.0121	0.02	0.0321
BORON	0.0067	0.0024	0.0091	0.01	0.0191
CADMIUM	0.0002	0.0002	0.0004	0.01	0.0104
CHROMIUM	0.0002	0.0004	0.0006	0.01	0.0106
COBALT	0.0018	0.0042	0.0060	0.01	0.0160
COPPER	0.0332	0.0492	0.0824	0.09	0.1724
IRON	0.0004	0.0008	0.0012	0.01	0.0112
LEAD	0.0000	0.0017	0.0017	0.01	0.0117
MANGANESE	0.0342	0.0725	0.1067	0.14	0.2467
MOLYBDENUM	0.0307	0.0750	0.1057	0.11	0.2157
NICKEL	0.0530	0.1333	0.1863	0.09	0.2763
SELENIUM	0.0003	0.0008	0.0011	0.01	0.0111
URANIUM	0.0002	0.0001	0.0003	0.00	0.0003
VADNIUM	0.0014	0.0133	0.0152	0.01	0.0252
ZINC	0.0081	0.0160	0.0241	0.02	0.0441

			TOTAL GAL.	PER/ACRES
GAL.	14450	25000	39450	1578.00

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87

LOCATION: 885-XXIIISOUTH AREA: SEQUOYAH ACRES: 15.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	148.511	138.8860	287.3970	385.00	672.40
ARSENIC	0.0048	0.0061	0.0109	0.02	0.0309
BORON	0.0112	0.0016	0.0128	0.01	0.0228
CADMIUM	0.0004	0.0001	0.0005	0.01	0.0105
CHROMIUM	0.0004	0.0003	0.0007	0.01	0.0107
COBALT	0.0031	0.0028	0.0059	0.01	0.0159
COPPER	0.0554	0.0328	0.0882	0.10	0.1882
IRON	0.0006	0.0006	0.0012	0.01	0.0112
LEAD	0.0001	0.0011	0.0012	0.01	0.0112
MANGANESE	0.0570	0.0483	0.1053	0.15	0.2553
MOLYBDENUM	0.0512	0.0500	0.1012	0.12	0.2212
NICKEL	0.0883	0.0889	0.1772	0.11	0.2872
SELENIUM	0.0005	0.0005	0.0010	0.01	0.0110
URANIUM	0.0003	0.0000	0.0003	0.00	0.0003
VADNIUM	0.0032	0.0089	0.0121	0.01	0.0221
ZINC	0.0136	0.0107	0.0243	0.02	0.0443

			TOTAL GAL.	PER/ACRES
GAL.	14450	10000	24450	1630.00

LOCATION: 885-XXIII AREA: SEQUOYAH ACRES: 35.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	154.163	0.0000	154.1630	198.00	352.16
ARSENIC	0.0050	0.0000	0.0050	0.01	0.0150
BORON	0.0117	0.0000	0.0117	0.00	0.0117
CADMIUM	0.0004	0.0000	0.0004	0.01	0.0104
CHROMIUM	0.0004	0.0000	0.0004	0.01	0.0104
COBALT	0.0032	0.0000	0.0032	0.01	0.0132
COPPER	0.0575	0.0000	0.0575	0.02	0.0775
IRON	0.0007	0.0000	0.0007	0.01	0.0107
LEAD	0.0001	0.0000	0.0001	0.01	0.0101
MANGANESE	0.0592	0.0000	0.0592	0.03	0.0892
MOLYBDENUM	0.0532	0.0000	0.0532	0.05	0.1032
NICKEL	0.0917	0.0000	0.0917	0.04	0.1317
SELENIUM	0.0005	0.0000	0.0005	0.01	0.0105
URANIUM	0.0003	0.0000	0.0003	0.00	0.0003
VADNIUM	0.0033	0.0000	0.0033	0.01	0.0133
ZINC	0.0141	0.0000	0.0141	0.01	0.0241

			TOTAL GAL.	PER/ACRES
GAL.	35000	0	35000	1000.00

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87

LOCATION: 10C-3 AREA: WEST RANCH ACRES: 39.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	179.483	162.3898	341.8728	0.00	341.87
ARSENIC	0.0041	0.0094	0.0135	0.00	0.0135
BORON	0.0093	0.0175	0.0268	0.00	0.0268
CADMIUM	0.0003	0.0005	0.0008	0.00	0.0008
CHROMIUM	0.0004	0.0004	0.0008	0.00	0.0008
COBALT	0.0035	0.0038	0.0073	0.00	0.0073
COPPER	0.0520	0.0521	0.1041	0.00	0.1041
IRON	0.0001	0.0012	0.0013	0.00	0.0013
LEAD	0.0011	0.0013	0.0024	0.00	0.0024
MANGANESE	0.0673	0.0765	0.1438	0.00	0.1438
MOLYBDENUM	0.0643	0.0684	0.1327	0.00	0.1327
NICKEL	0.1122	0.1111	0.2233	0.00	0.2233
SELENIUM	0.0006	0.0085	0.0091	0.00	0.0091
URANIUM	0.0000	0.0001	0.0001	0.00	0.0001
VADNIUM	0.0116	0.0009	0.0125	0.00	0.0125
ZINC	0.0147	0.0174	0.0321	0.00	0.0321

			TOTAL GAL.	PER/ACRES
GAL.	35000	40000	75000	1923.08

LOCATION: 10B-5 AREA: WEST RANCH ACRES: 18.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	0.000	0.0000	0.0000	0.00	0.00
ARSENIC	0.0000	0.0000	0.0000	0.00	0.0000
BORON	0.0000	0.0000	0.0000	0.00	0.0000
CADMIUM	0.0000	0.0000	0.0000	0.00	0.0000
CHROMIUM	0.0000	0.0000	0.0000	0.00	0.0000
COBALT	0.0000	0.0000	0.0000	0.00	0.0000
COPPER	0.0000	0.0000	0.0000	0.00	0.0000
IRON	0.0000	0.0000	0.0000	0.00	0.0000
LEAD	0.0000	0.0000	0.0000	0.00	0.0000
MANGANESE	0.0000	0.0000	0.0000	0.00	0.0000
MOLYBDENUM	0.0000	0.0000	0.0000	0.00	0.0000
NICKEL	0.0000	0.0000	0.0000	0.00	0.0000
SELENIUM	0.0000	0.0000	0.0000	0.00	0.0000
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0000	0.0000	0.0000	0.00	0.0000
ZINC	0.0000	0.0000	0.0000	0.00	0.0000

			TOTAL GAL.	PER/ACRES
GAL.	0	0	0	0.00

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87 PAGE 55

LOCATION: 10B-2 AREA: WEST RANCH ACRES: 61.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	196.717	142.7566	339.4736	0.00	339.47
ARSENIC	0.0045	0.0083	0.0128	0.00	0.0128
BORON	0.0102	0.0154	0.0256	0.00	0.0256
CADMIUM	0.0003	0.0004	0.0007	0.00	0.0007
CHROMIUM	0.0004	0.0004	0.0008	0.00	0.0008
COBALT	0.0039	0.0033	0.0072	0.00	0.0072
COPPER	0.0570	0.0458	0.1028	0.00	0.1028
IRON	0.0001	0.0011	0.0012	0.00	0.0012
LEAD	0.0012	0.0011	0.0023	0.00	0.0023
MANGANESE	0.0738	0.0672	0.1410	0.00	0.1410
MOLYBDENUM	0.0705	0.0601	0.1306	0.00	0.1306
NICKEL	0.1229	0.0977	0.2206	0.00	0.2206
SELENIUM	0.0006	0.0075	0.0081	0.00	0.0081
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0127	0.0008	0.0135	0.00	0.0135
ZINC	0.0161	0.0153	0.0314	0.00	0.0314

			TOTAL GAL.	PER/ACRES
GAL.	60000	55000	115000	1885.25

LOCATION: 10C-1 AREA: WEST RANCH ACRES: 21.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	190.472	150.7905	341.2625	0.00	341.26
ARSENIC	0.0044	0.0087	0.0131	0.00	0.0131
BORON	0.0098	0.0163	0.0261	0.00	0.0261
CADMIUM	0.0003	0.0004	0.0007	0.00	0.0007
CHROMIUM	0.0004	0.0004	0.0008	0.00	0.0008
COBALT	0.0037	0.0035	0.0072	0.00	0.0072
COPPER	0.0552	0.0484	0.1036	0.00	0.1036
IRON	0.0001	0.0011	0.0012	0.00	0.0012
LEAD	0.0012	0.0012	0.0024	0.00	0.0024
MANGANESE	0.0714	0.0710	0.1424	0.00	0.1424
MOLYBDENUM	0.0683	0.0635	0.1318	0.00	0.1318
NICKEL	0.1190	0.1032	0.2222	0.00	0.2222
SELENIUM	0.0006	0.0079	0.0085	0.00	0.0085
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0123	0.0008	0.0131	0.00	0.0131
ZINC	0.0156	0.0162	0.0318	0.00	0.0318

			TOTAL GAL.	PER/ACRES
GAL.	20000	20000	40000	1904.76

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87 PAGE 56

LOCATION: 10C-4 AREA: WEST RANCH ACRES: 39.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	153.843	162.3898	316.2328	0.00	316.23
ARSENIC	0.0035	0.0094	0.0129	0.00	0.0129
BORON	0.0079	0.0175	0.0254	0.00	0.0254
CADMIUM	0.0003	0.0005	0.0008	0.00	0.0008
CHROMIUM	0.0003	0.0004	0.0007	0.00	0.0007
COBALT	0.0030	0.0038	0.0068	0.00	0.0068
COPPER	0.0446	0.0521	0.0967	0.00	0.0967
IRON	0.0001	0.0012	0.0013	0.00	0.0013
LEAD	0.0010	0.0013	0.0023	0.00	0.0023
MANGANESE	0.0577	0.0765	0.1342	0.00	0.1342
MOLYBDENUM	0.0551	0.0684	0.1235	0.00	0.1235
NICKEL	0.0962	0.1111	0.2073	0.00	0.2073
SELENIUM	0.0005	0.0085	0.0090	0.00	0.0090
URANIUM	0.0000	0.0001	0.0001	0.00	0.0001
VADNIUM	0.0099	0.0009	0.0108	0.00	0.0108
ZINC	0.0126	0.0174	0.0300	0.00	0.0300

			TOTAL GAL.	PER/ACRES
GAL.	30000	40000	70000	1794.87

LOCATION: 10D-4 AREA: WEST RANCH ACRES: 49.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	187.751	129.2490	317.0000	0.00	317.00
ARSENIC	0.0043	0.0075	0.0118	0.00	0.0118
BORON	0.0097	0.0139	0.0236	0.00	0.0236
CADMIUM	0.0003	0.0004	0.0007	0.00	0.0007
CHROMIUM	0.0004	0.0003	0.0007	0.00	0.0007
COBALT	0.0037	0.0030	0.0067	0.00	0.0067
COPPER	0.0544	0.0415	0.0959	0.00	0.0959
IRON	0.0001	0.0010	0.0011	0.00	0.0011
LEAD	0.0012	0.0010	0.0022	0.00	0.0022
MANGANESE	0.0704	0.0609	0.1313	0.00	0.1313
MOLYBDENUM	0.0673	0.0544	0.1217	0.00	0.1217
NICKEL	0.1173	0.0884	0.2057	0.00	0.2057
SELENIUM	0.0006	0.0068	0.0074	0.00	0.0074
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0121	0.0007	0.0128	0.00	0.0128
ZINC	0.0154	0.0139	0.0293	0.00	0.0293

			TOTAL GAL.	PER/ACRES
GAL.	46000	40000	86000	1755.10

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87 PAGE 57

LOCATION: 10D-5 AREA: WEST RANCH ACRES: 39.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	199.996	142.0911	342.0871	0.00	342.09
ARSENIC	0.0046	0.0082	0.0128	0.00	0.0128
BORON	0.0103	0.0153	0.0256	0.00	0.0256
CADMIUM	0.0003	0.0004	0.0007	0.00	0.0007
CHROMIUM	0.0004	0.0004	0.0008	0.00	0.0008
COBALT	0.0039	0.0033	0.0072	0.00	0.0072
COPPER	0.0579	0.0456	0.1035	0.00	0.1035
IRON	0.0001	0.0010	0.0011	0.00	0.0011
LEAD	0.0012	0.0011	0.0023	0.00	0.0023
MANGANESE	0.0750	0.0669	0.1419	0.00	0.1419
MOLYBDENUM	0.0717	0.0598	0.1315	0.00	0.1315
NICKEL	0.1250	0.0972	0.2222	0.00	0.2222
SELENIUM	0.0006	0.0075	0.0081	0.00	0.0081
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0129	0.0007	0.0136	0.00	0.0136
ZINC	0.0164	0.0153	0.0317	0.00	0.0317

			TOTAL GAL.	PER/ACRES
GAL.	39000	35000	74000	1897.44

LOCATION: 10B-1 AREA: WEST RANCH ACRES: 72.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	194.440	175.9223	370.3623	0.00	370.36
ARSENIC	0.0045	0.0102	0.0147	0.00	0.0147
BORON	0.0100	0.0190	0.0290	0.00	0.0290
CADMIUM	0.0003	0.0005	0.0008	0.00	0.0008
CHROMIUM	0.0004	0.0005	0.0009	0.00	0.0009
COBALT	0.0038	0.0041	0.0079	0.00	0.0079
COPPER	0.0563	0.0565	0.1128	0.00	0.1128
IRON	0.0001	0.0013	0.0014	0.00	0.0014
LEAD	0.0012	0.0014	0.0026	0.00	0.0026
MANGANESE	0.0729	0.0829	0.1558	0.00	0.1558
MOLYBDENUM	0.0697	0.0741	0.1438	0.00	0.1438
NICKEL	0.1215	0.1204	0.2419	0.00	0.2419
SELENIUM	0.0006	0.0093	0.0099	0.00	0.0099
URANIUM	0.0000	0.0001	0.0001	0.00	0.0001
VADNIUM	0.0126	0.0009	0.0135	0.00	0.0135
ZINC	0.0160	0.0189	0.0349	0.00	0.0349

			TOTAL GAL.	PER/ACRES
GAL.	70000	80000	150000	2083.33

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87 PAGE 58

LOCATION: 10D-6,10A-1 AREA: WEST RANCH ACRES: 78.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	179.483	152.2404	331.7234	0.00	331.72
ARSENIC	0.0041	0.0088	0.0129	0.00	0.0129
BORON	0.0093	0.0164	0.0257	0.00	0.0257
CADMIUM	0.0003	0.0004	0.0007	0.00	0.0007
CHROMIUM	0.0004	0.0004	0.0008	0.00	0.0008
COBALT	0.0035	0.0036	0.0071	0.00	0.0071
COPPER	0.0520	0.0489	0.1009	0.00	0.1009
IRON	0.0001	0.0011	0.0012	0.00	0.0012
LEAD	0.0011	0.0012	0.0023	0.00	0.0023
MANGANESE	0.0673	0.0717	0.1390	0.00	0.1390
MOLYBDENUM	0.0643	0.0641	0.1284	0.00	0.1284
NICKEL	0.1122	0.1042	0.2164	0.00	0.2164
SELENIUM	0.0006	0.0080	0.0086	0.00	0.0086
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0116	0.0008	0.0124	0.00	0.0124
ZINC	0.0147	0.0163	0.0310	0.00	0.0310

			TOTAL GAL.	PER/ACRES
GAL.	70000	75000	145000	1858.97

LOCATION: 10D-1,2 AREA: WEST RANCH ACRES: 27.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	185.181	146.6019	331.7829	0.00	331.78
ARSENIC	0.0042	0.0085	0.0127	0.00	0.0127
BORON	0.0096	0.0158	0.0254	0.00	0.0254
CADMIUM	0.0003	0.0004	0.0007	0.00	0.0007
CHROMIUM	0.0004	0.0004	0.0008	0.00	0.0008
COBALT	0.0036	0.0034	0.0070	0.00	0.0070
COPPER	0.0536	0.0471	0.1007	0.00	0.1007
IRON	0.0001	0.0011	0.0012	0.00	0.0012
LEAD	0.0012	0.0012	0.0024	0.00	0.0024
MANGANESE	0.0694	0.0691	0.1385	0.00	0.1385
MOLYBDENUM	0.0664	0.0617	0.1281	0.00	0.1281
NICKEL	0.1157	0.1003	0.2160	0.00	0.2160
SELENIUM	0.0006	0.0077	0.0083	0.00	0.0083
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0120	0.0008	0.0128	0.00	0.0128
ZINC	0.0152	0.0157	0.0309	0.00	0.0309

			TOTAL GAL.	PER/ACRES
GAL.	25000	25000	50000	1851.85

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87 PAGE 59

LOCATION: 12B-2,4 AREA: WEST RANCH ACRES: 66.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	151.512	0.0000	151.5120	0.00	151.51
ARSENIC	0.0035	0.0000	0.0035	0.00	0.0035
BORON	0.0078	0.0000	0.0078	0.00	0.0078
CADMIUM	0.0003	0.0000	0.0003	0.00	0.0003
CHROMIUM	0.0003	0.0000	0.0003	0.00	0.0003
COBALT	0.0030	0.0000	0.0030	0.00	0.0030
COPPER	0.0439	0.0000	0.0439	0.00	0.0439
IRON	0.0001	0.0000	0.0001	0.00	0.0001
LEAD	0.0009	0.0000	0.0009	0.00	0.0009
MANGANESE	0.0568	0.0000	0.0568	0.00	0.0568
MOLYBDENUM	0.0543	0.0000	0.0543	0.00	0.0543
NICKEL	0.0947	0.0000	0.0947	0.00	0.0947
SELENIUM	0.0005	0.0000	0.0005	0.00	0.0005
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0098	0.0000	0.0098	0.00	0.0098
ZINC	0.0124	0.0000	0.0124	0.00	0.0124

			TOTAL GAL.	PER/ACRES
GAL.	50000	0	50000	757.58

LOCATION: 12B-1 AREA: WEST RANCH ACRES: 10.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	199.996	0.0000	199.9960	0.00	200.00
ARSENIC	0.0046	0.0000	0.0046	0.00	0.0046
BORON	0.0103	0.0000	0.0103	0.00	0.0103
CADMIUM	0.0003	0.0000	0.0003	0.00	0.0003
CHROMIUM	0.0004	0.0000	0.0004	0.00	0.0004
COBALT	0.0039	0.0000	0.0039	0.00	0.0039
COPPER	0.0579	0.0000	0.0579	0.00	0.0579
IRON	0.0001	0.0000	0.0001	0.00	0.0001
LEAD	0.0012	0.0000	0.0012	0.00	0.0012
MANGANESE	0.0750	0.0000	0.0750	0.00	0.0750
MOLYBDENUM	0.0717	0.0000	0.0717	0.00	0.0717
NICKEL	0.1250	0.0000	0.1250	0.00	0.1250
SELENIUM	0.0006	0.0000	0.0006	0.00	0.0006
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0129	0.0000	0.0129	0.00	0.0129
ZINC	0.0164	0.0000	0.0164	0.00	0.0164

			TOTAL GAL.	PER/ACRES
GAL.	10000	0	10000	1000.00

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87 PAGE 60

LOCATION: 12C-1,2 AREA: WEST RANCH ACRES: 93.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	150.535	0.0000	150.5350	0.00	150.53
ARSENIC	0.0034	0.0000	0.0034	0.00	0.0034
BORON	0.0078	0.0000	0.0078	0.00	0.0078
CADMIUM	0.0003	0.0000	0.0003	0.00	0.0003
CHROMIUM	0.0003	0.0000	0.0003	0.00	0.0003
COBALT	0.0029	0.0000	0.0029	0.00	0.0029
COPPER	0.0436	0.0000	0.0436	0.00	0.0436
IRON	0.0001	0.0000	0.0001	0.00	0.0001
LEAD	0.0009	0.0000	0.0009	0.00	0.0009
MANGANESE	0.0565	0.0000	0.0565	0.00	0.0565
MOLYBDENUM	0.0539	0.0000	0.0539	0.00	0.0539
NICKEL	0.0941	0.0000	0.0941	0.00	0.0941
SELENIUM	0.0005	0.0000	0.0005	0.00	0.0005
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0097	0.0000	0.0097	0.00	0.0097
ZINC	0.0124	0.0000	0.0124	0.00	0.0124

			TOTAL GAL.	PER/ACRES
GAL.	70000	0	70000	752.69

LOCATION: 12B-3 AREA: WEST RANCH ACRES: 25.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	199.996	0.0000	199.9960	0.00	200.00
ARSENIC	0.0046	0.0000	0.0046	0.00	0.0046
BORON	0.0103	0.0000	0.0103	0.00	0.0103
CADMIUM	0.0003	0.0000	0.0003	0.00	0.0003
CHROMIUM	0.0004	0.0000	0.0004	0.00	0.0004
COBALT	0.0039	0.0000	0.0039	0.00	0.0039
COPPER	0.0579	0.0000	0.0579	0.00	0.0579
IRON	0.0001	0.0000	0.0001	0.00	0.0001
LEAD	0.0012	0.0000	0.0012	0.00	0.0012
MANGANESE	0.0750	0.0000	0.0750	0.00	0.0750
MOLYBDENUM	0.0717	0.0000	0.0717	0.00	0.0717
NICKEL	0.1250	0.0000	0.1250	0.00	0.1250
SELENIUM	0.0006	0.0000	0.0006	0.00	0.0006
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0129	0.0000	0.0129	0.00	0.0129
ZINC	0.0164	0.0000	0.0164	0.00	0.0164

			TOTAL GAL.	PER/ACRES
GAL.	25000	0	25000	1000.00

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87

LOCATION: 15D-1 AREA: WEST RANCH ACRES: 60.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	183.330	131.9417	315.2717	0.00	315.27
ARSENIC	0.0042	0.0076	0.0118	0.00	0.0118
BORON	0.0095	0.0142	0.0237	0.00	0.0237
CADMIUM	0.0003	0.0004	0.0007	0.00	0.0007
CHROMIUM	0.0004	0.0003	0.0007	0.00	0.0007
COBALT	0.0036	0.0031	0.0067	0.00	0.0067
COPPER	0.0531	0.0424	0.0955	0.00	0.0955
IRON	0.0001	0.0010	0.0011	0.00	0.0011
LEAD	0.0011	0.0010	0.0021	0.00	0.0021
MANGANESE	0.0687	0.0622	0.1309	0.00	0.1309
MOLYBDENUM	0.0657	0.0556	0.1213	0.00	0.1213
NICKEL	0.1146	0.0903	0.2049	0.00	0.2049
SELENIUM	0.0006	0.0069	0.0075	0.00	0.0075
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0118	0.0007	0.0125	0.00	0.0125
ZINC	0.0150	0.0142	0.0292	0.00	0.0292

			TOTAL GAL.	PER/ACRES
GAL.	55000	50000	105000	1750.00

LOCATION: 16D-2 AREA: WEST RANCH ACRES: 72.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	291.661	0.0000	291.6610	0.00	291.66
ARSENIC	0.0067	0.0000	0.0067	0.00	0.0067
BORON	0.0151	0.0000	0.0151	0.00	0.0151
CADMIUM	0.0005	0.0000	0.0005	0.00	0.0005
CHROMIUM	0.0006	0.0000	0.0006	0.00	0.0006
COBALT	0.0057	0.0000	0.0057	0.00	0.0057
COPPER	0.0845	0.0000	0.0845	0.00	0.0845
IRON	0.0001	0.0000	0.0001	0.00	0.0001
LEAD	0.0018	0.0000	0.0018	0.00	0.0018
MANGANESE	0.1094	0.0000	0.1094	0.00	0.1094
MOLYBDENUM	0.1045	0.0000	0.1045	0.00	0.1045
NICKEL	0.1823	0.0000	0.1823	0.00	0.1823
SELENIUM	0.0009	0.0000	0.0009	0.00	0.0009
URANIUM	0.0001	0.0000	0.0001	0.00	0.0001
VADNIUM	0.0188	0.0000	0.0188	0.00	0.0188
ZINC	0.0239	0.0000	0.0239	0.00	0.0239

			TOTAL GAL.	PER/ACRES
GAL.	105000	0	105000	1458.33

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87 PAGE 62

LOCATION: 16D-1 AREA: WEST RANCH ACRES: 72.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	291.661	0.0000	291.6610	0.00	291.66
ARSENIC	0.0067	0.0000	0.0067	0.00	0.0067
BORON	0.0151	0.0000	0.0151	0.00	0.0151
CADMIUM	0.0005	0.0000	0.0005	0.00	0.0005
CHROMIUM	0.0006	0.0000	0.0006	0.00	0.0006
COBALT	0.0057	0.0000	0.0057	0.00	0.0057
COPPER	0.0845	0.0000	0.0845	0.00	0.0845
IRON	0.0001	0.0000	0.0001	0.00	0.0001
LEAD	0.0018	0.0000	0.0018	0.00	0.0018
MANGANESE	0.1094	0.0000	0.1094	0.00	0.1094
MOLYBDENUM	0.1045	0.0000	0.1045	0.00	0.1045
NICKEL	0.1823	0.0000	0.1823	0.00	0.1823
SELENIUM	0.0009	0.0000	0.0009	0.00	0.0009
URANIUM	0.0001	0.0000	0.0001	0.00	0.0001
VADNIUM	0.0188	0.0000	0.0188	0.00	0.0188
ZINC	0.0239	0.0000	0.0239	0.00	0.0239

			TOTAL GAL.	PER/ACRES
GAL.	105000	0	105000	1458.33

LOCATION: 16B-2 AREA: WEST RANCH ACRES: 75.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	199.996	158.3300	358.3260	0.00	358.33
ARSENIC	0.0046	0.0092	0.0138	0.00	0.0138
BORON	0.0103	0.0171	0.0274	0.00	0.0274
CADMIUM	0.0003	0.0005	0.0008	0.00	0.0008
CHROMIUM	0.0004	0.0004	0.0008	0.00	0.0008
COBALT	0.0039	0.0037	0.0076	0.00	0.0076
COPPER	0.0579	0.0508	0.1087	0.00	0.1087
IRON	0.0001	0.0012	0.0013	0.00	0.0013
LEAD	0.0012	0.0012	0.0024	0.00	0.0024
MANGANESE	0.0750	0.0746	0.1496	0.00	0.1496
MOLYBDENUM	0.0717	0.0667	0.1384	0.00	0.1384
NICKEL	0.1250	0.1083	0.2333	0.00	0.2333
SELENIUM	0.0006	0.0083	0.0089	0.00	0.0089
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0129	0.0008	0.0137	0.00	0.0137
ZINC	0.0164	0.0170	0.0334	0.00	0.0334

			TOTAL GAL.	PER/ACRES
GAL.	75000	75000	150000	2000.00

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87 PAGE 63

LOCATION: 16A-1 AREA: WEST RANCH ACRES: 60.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	183.330	158.3300	341.6600	0.00	341.66
ARSENIC	0.0042	0.0092	0.0134	0.00	0.0134
BORON	0.0095	0.0171	0.0266	0.00	0.0266
CADMIUM	0.0003	0.0005	0.0008	0.00	0.0008
CHROMIUM	0.0004	0.0004	0.0008	0.00	0.0008
COBALT	0.0036	0.0037	0.0073	0.00	0.0073
COPPER	0.0531	0.0508	0.1039	0.00	0.1039
IRON	0.0001	0.0012	0.0013	0.00	0.0013
LEAD	0.0011	0.0012	0.0023	0.00	0.0023
MANGANESE	0.0687	0.0746	0.1433	0.00	0.1433
MOLYBDENUM	0.0657	0.0667	0.1324	0.00	0.1324
NICKEL	0.1146	0.1083	0.2229	0.00	0.2229
SELENIUM	0.0006	0.0083	0.0089	0.00	0.0089
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0118	0.0008	0.0126	0.00	0.0126
ZINC	0.0150	0.0170	0.0320	0.00	0.0320

			TOTAL GAL.	PER/ACRES
GAL.	55000	60000	115000	1916.67

LOCATION: 16A-2 AREA: WEST RANCH ACRES: 39.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	205.124	142.0911	347.2151	0.00	347.22
ARSENIC	0.0047	0.0082	0.0129	0.00	0.0129
BORON	0.0106	0.0153	0.0259	0.00	0.0259
CADMIUM	0.0003	0.0004	0.0007	0.00	0.0007
CHROMIUM	0.0004	0.0004	0.0008	0.00	0.0008
COBALT	0.0040	0.0033	0.0073	0.00	0.0073
COPPER	0.0594	0.0456	0.1050	0.00	0.1050
IRON	0.0001	0.0010	0.0011	0.00	0.0011
LEAD	0.0013	0.0011	0.0024	0.00	0.0024
MANGANESE	0.0769	0.0669	0.1438	0.00	0.1438
MOLYBDENUM	0.0735	0.0598	0.1333	0.00	0.1333
NICKEL	0.1282	0.0972	0.2254	0.00	0.2254
SELENIUM	0.0006	0.0075	0.0081	0.00	0.0081
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0132	0.0007	0.0139	0.00	0.0139
ZINC	0.0168	0.0153	0.0321	0.00	0.0321

			TOTAL GAL.	PER/ACRES
GAL.	40000	35000	75000	1923.08

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87 PAGE 64

LOCATION: 16C-1 AREA: WEST RANCH ACRES: 9.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	199.996	175.9223	375.9183	0.00	375.92
ARSENIC	0.0046	0.0102	0.0148	0.00	0.0148
BORON	0.0103	0.0190	0.0293	0.00	0.0293
CADMIUM	0.0003	0.0005	0.0008	0.00	0.0008
CHROMIUM	0.0004	0.0005	0.0009	0.00	0.0009
COBALT	0.0039	0.0041	0.0080	0.00	0.0080
COPPER	0.0579	0.0565	0.1144	0.00	0.1144
IRON	0.0001	0.0013	0.0014	0.00	0.0014
LEAD	0.0012	0.0014	0.0026	0.00	0.0026
MANGANESE	0.0750	0.0829	0.1579	0.00	0.1579
MOLYBDENUM	0.0717	0.0741	0.1458	0.00	0.1458
NICKEL	0.1250	0.1204	0.2454	0.00	0.2454
SELENIUM	0.0006	0.0093	0.0099	0.00	0.0099
URANIUM	0.0000	0.0001	0.0001	0.00	0.0001
VADNIUM	0.0129	0.0009	0.0138	0.00	0.0138
ZINC	0.0164	0.0189	0.0353	0.00	0.0353

			TOTAL GAL.	PER/ACRES
GAL.	9000	10000	19000	2111.11

LOCATION: 16C-2 AREA: WEST RANCH ACRES: 62.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	196.770	153.2226	349.9926	0.00	349.99
ARSENIC	0.0045	0.0089	0.0134	0.00	0.0134
BORON	0.0102	0.0165	0.0267	0.00	0.0267
CADMIUM	0.0003	0.0004	0.0007	0.00	0.0007
CHROMIUM	0.0004	0.0004	0.0008	0.00	0.0008
COBALT	0.0039	0.0036	0.0075	0.00	0.0075
COPPER	0.0570	0.0492	0.1062	0.00	0.1062
IRON	0.0001	0.0011	0.0012	0.00	0.0012
LEAD	0.0012	0.0012	0.0024	0.00	0.0024
MANGANESE	0.0738	0.0722	0.1460	0.00	0.1460
MOLYBDENUM	0.0705	0.0645	0.1350	0.00	0.1350
NICKEL	0.1230	0.1048	0.2278	0.00	0.2278
SELENIUM	0.0006	0.0081	0.0087	0.00	0.0087
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0127	0.0008	0.0135	0.00	0.0135
ZINC	0.0162	0.0165	0.0327	0.00	0.0327

			TOTAL GAL.	PER/ACRES
GAL.	61000	60000	121000	1951.61

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87 PAGE 65

LOCATION: 16B-1 AREA: WEST RANCH ACRES: 79.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	177.212	140.2924	317.5044	0.00	317.50
ARSENIC	0.0041	0.0081	0.0122	0.00	0.0122
BORON	0.0092	0.0151	0.0243	0.00	0.0243
CADMIUM	0.0003	0.0004	0.0007	0.00	0.0007
CHROMIUM	0.0004	0.0004	0.0008	0.00	0.0008
COBALT	0.0035	0.0033	0.0068	0.00	0.0068
COPPER	0.0513	0.0450	0.0963	0.00	0.0963
IRON	0.0001	0.0010	0.0011	0.00	0.0011
LEAD	0.0011	0.0011	0.0022	0.00	0.0022
MANGANESE	0.0665	0.0661	0.1326	0.00	0.1326
MOLYBDENUM	0.0635	0.0591	0.1226	0.00	0.1226
NICKEL	0.1108	0.0960	0.2068	0.00	0.2068
SELENIUM	0.0006	0.0074	0.0080	0.00	0.0080
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0114	0.0007	0.0121	0.00	0.0121
ZINC	0.0145	0.0151	0.0296	0.00	0.0296

			TOTAL GAL.	PER/ACRES
GAL.	70000	70000	140000	1772.15

LOCATION: 16C-6 AREA: WEST RANCH ACRES: 79.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	192.401	150.3133	342.7143	0.00	342.71
ARSENIC	0.0044	0.0087	0.0131	0.00	0.0131
BORON	0.0099	0.0162	0.0261	0.00	0.0261
CADMIUM	0.0003	0.0004	0.0007	0.00	0.0007
CHROMIUM	0.0004	0.0004	0.0008	0.00	0.0008
COBALT	0.0038	0.0035	0.0073	0.00	0.0073
COPPER	0.0557	0.0483	0.1040	0.00	0.1040
IRON	0.0001	0.0011	0.0012	0.00	0.0012
LEAD	0.0012	0.0012	0.0024	0.00	0.0024
MANGANESE	0.0722	0.0708	0.1430	0.00	0.1430
MOLYBDENUM	0.0689	0.0633	0.1322	0.00	0.1322
NICKEL	0.1203	0.1028	0.2231	0.00	0.2231
SELENIUM	0.0006	0.0079	0.0085	0.00	0.0085
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0124	0.0008	0.0132	0.00	0.0132
ZINC	0.0158	0.0161	0.0319	0.00	0.0319

			TOTAL GAL.	PER/ACRES
GAL.	76000	75000	151000	1911.39

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87 PAGE 66

LOCATION: 17C-1 AREA: WEST RANCH ACRES: 75.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	199.996	0.0000	199.9960	0.00	200.00
ARSENIC	0.0046	0.0000	0.0046	0.00	0.0046
BORON	0.0103	0.0000	0.0103	0.00	0.0103
CADMIUM	0.0003	0.0000	0.0003	0.00	0.0003
CHROMIUM	0.0004	0.0000	0.0004	0.00	0.0004
COBALT	0.0039	0.0000	0.0039	0.00	0.0039
COPPER	0.0579	0.0000	0.0579	0.00	0.0579
IRON	0.0001	0.0000	0.0001	0.00	0.0001
LEAD	0.0012	0.0000	0.0012	0.00	0.0012
MANGANESE	0.0750	0.0000	0.0750	0.00	0.0750
MOLYBDENUM	0.0717	0.0000	0.0717	0.00	0.0717
NICKEL	0.1250	0.0000	0.1250	0.00	0.1250
SELENIUM	0.0006	0.0000	0.0006	0.00	0.0006
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0129	0.0000	0.0129	0.00	0.0129
ZINC	0.0164	0.0000	0.0164	0.00	0.0164

			TOTAL GAL.	PER/ACRES
GAL.	75000	0	75000	1000.00

LOCATION: 17D-2 AREA: WEST RANCH ACRES: 90.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	199.996	105.5534	305.5494	0.00	305.55
ARSENIC	0.0046	0.0061	0.0107	0.00	0.0107
BORON	0.0103	0.0114	0.0217	0.00	0.0217
CADMIUM	0.0003	0.0003	0.0006	0.00	0.0006
CHROMIUM	0.0004	0.0003	0.0007	0.00	0.0007
COBALT	0.0039	0.0025	0.0064	0.00	0.0064
COPPER	0.0579	0.0339	0.0918	0.00	0.0918
IRON	0.0001	0.0008	0.0009	0.00	0.0009
LEAD	0.0012	0.0008	0.0020	0.00	0.0020
MANGANESE	0.0750	0.0497	0.1247	0.00	0.1247
MOLYBDENUM	0.0717	0.0444	0.1161	0.00	0.1161
NICKEL	0.1250	0.0722	0.1972	0.00	0.1972
SELENIUM	0.0006	0.0056	0.0062	0.00	0.0062
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0129	0.0006	0.0135	0.00	0.0135
ZINC	0.0164	0.0113	0.0277	0.00	0.0277

			TOTAL GAL.	PER/ACRES
GAL.	90000	60000	150000	1666.67

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87

LOCATION: 17B-1 AREA: WEST RANCH ACRES: 75.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	186.663	0.0000	186.6630	0.00	186.66
ARSENIC	0.0043	0.0000	0.0043	0.00	0.0043
BORON	0.0096	0.0000	0.0096	0.00	0.0096
CADMIUM	0.0003	0.0000	0.0003	0.00	0.0003
CHROMIUM	0.0004	0.0000	0.0004	0.00	0.0004
COBALT	0.0037	0.0000	0.0037	0.00	0.0037
COPPER	0.0541	0.0000	0.0541	0.00	0.0541
IRON	0.0001	0.0000	0.0001	0.00	0.0001
LEAD	0.0012	0.0000	0.0012	0.00	0.0012
MANGANESE	0.0700	0.0000	0.0700	0.00	0.0700
MOLYBDENUM	0.0669	0.0000	0.0669	0.00	0.0669
NICKEL	0.1167	0.0000	0.1167	0.00	0.1167
SELENIUM	0.0006	0.0000	0.0006	0.00	0.0006
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0121	0.0000	0.0121	0.00	0.0121
ZINC	0.0153	0.0000	0.0153	0.00	0.0153

			TOTAL GAL.	PER/ACRES
GAL.	70000	0	70000	933.33

LOCATION: 17B-2 AREA: WEST RANCH ACRES: 82.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	195.118	0.0000	195.1180	0.00	195.12
ARSENIC	0.0045	0.0000	0.0045	0.00	0.0045
BORON	0.0101	0.0000	0.0101	0.00	0.0101
CADMIUM	0.0003	0.0000	0.0003	0.00	0.0003
CHROMIUM	0.0004	0.0000	0.0004	0.00	0.0004
COBALT	0.0038	0.0000	0.0038	0.00	0.0038
COPPER	0.0565	0.0000	0.0565	0.00	0.0565
IRON	0.0001	0.0000	0.0001	0.00	0.0001
LEAD	0.0012	0.0000	0.0012	0.00	0.0012
MANGANESE	0.0732	0.0000	0.0732	0.00	0.0732
MOLYBDENUM	0.0699	0.0000	0.0699	0.00	0.0699
NICKEL	0.1219	0.0000	0.1219	0.00	0.1219
SELENIUM	0.0006	0.0000	0.0006	0.00	0.0006
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0126	0.0000	0.0126	0.00	0.0126
ZINC	0.0160	0.0000	0.0160	0.00	0.0160

			TOTAL GAL.	PER/ACRES
GAL.	80000	0	80000	975.61

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87 PAGE 68

LOCATION: 20C-1 AREA: WEST RANCH ACRES: 80.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	199.996	0.0000	199.9960	0.00	200.00
ARSENIC	0.0046	0.0000	0.0046	0.00	0.0046
BORON	0.0103	0.0000	0.0103	0.00	0.0103
CADMIUM	0.0003	0.0000	0.0003	0.00	0.0003
CHROMIUM	0.0004	0.0000	0.0004	0.00	0.0004
COBALT	0.0039	0.0000	0.0039	0.00	0.0039
COPPER	0.0579	0.0000	0.0579	0.00	0.0579
IRON	0.0001	0.0000	0.0001	0.00	0.0001
LEAD	0.0012	0.0000	0.0012	0.00	0.0012
MANGANESE	0.0750	0.0000	0.0750	0.00	0.0750
MOLYBDENUM	0.0717	0.0000	0.0717	0.00	0.0717
NICKEL	0.1250	0.0000	0.1250	0.00	0.1250
SELENIUM	0.0006	0.0000	0.0006	0.00	0.0006
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0129	0.0000	0.0129	0.00	0.0129
ZINC	0.0164	0.0000	0.0164	0.00	0.0164

			TOTAL GAL.	PER/ACRES
GAL.	80000	0	80000	1000.00

LOCATION: 20A-1,20D-2 AREA: WEST RANCH ACRES: 90.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	199.996	0.0000	199.9960	0.00	200.00
ARSENIC	0.0046	0.0000	0.0046	0.00	0.0046
BORON	0.0103	0.0000	0.0103	0.00	0.0103
CADMIUM	0.0003	0.0000	0.0003	0.00	0.0003
CHROMIUM	0.0004	0.0000	0.0004	0.00	0.0004
COBALT	0.0039	0.0000	0.0039	0.00	0.0039
COPPER	0.0579	0.0000	0.0579	0.00	0.0579
IRON	0.0001	0.0000	0.0001	0.00	0.0001
LEAD	0.0012	0.0000	0.0012	0.00	0.0012
MANGANESE	0.0750	0.0000	0.0750	0.00	0.0750
MOLYBDENUM	0.0717	0.0000	0.0717	0.00	0.0717
NICKEL	0.1250	0.0000	0.1250	0.00	0.1250
SELENIUM	0.0006	0.0000	0.0006	0.00	0.0006
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0129	0.0000	0.0129	0.00	0.0129
ZINC	0.0164	0.0000	0.0164	0.00	0.0164

			TOTAL GAL.	PER/ACRES
GAL.	90000	0	90000	1000.00

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87 PAGE 69

LOCATION: 20D-1 AREA: WEST RANCH ACRES: 70.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	199.996	0.0000	199.9960	0.00	200.00
ARSENIC	0.0046	0.0000	0.0046	0.00	0.0046
BORON	0.0103	0.0000	0.0103	0.00	0.0103
CADMIUM	0.0003	0.0000	0.0003	0.00	0.0003
CHROMIUM	0.0004	0.0000	0.0004	0.00	0.0004
COBALT	0.0039	0.0000	0.0039	0.00	0.0039
COPPER	0.0579	0.0000	0.0579	0.00	0.0579
IRON	0.0001	0.0000	0.0001	0.00	0.0001
LEAD	0.0012	0.0000	0.0012	0.00	0.0012
MANGANESE	0.0750	0.0000	0.0750	0.00	0.0750
MOLYBDENUM	0.0717	0.0000	0.0717	0.00	0.0717
NICKEL	0.1250	0.0000	0.1250	0.00	0.1250
SELENIUM	0.0006	0.0000	0.0006	0.00	0.0006
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0129	0.0000	0.0129	0.00	0.0129
ZINC	0.0164	0.0000	0.0164	0.00	0.0164

			TOTAL GAL.	PER/ACRES
GAL.	70000	0	70000	1000.00

LOCATION: 20D-4,20A-3 AREA: WEST RANCH ACRES: 83.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	192.767	0.0000	192.7670	0.00	192.77
ARSENIC	0.0044	0.0000	0.0044	0.00	0.0044
BORON	0.0100	0.0000	0.0100	0.00	0.0100
CADMIUM	0.0003	0.0000	0.0003	0.00	0.0003
CHROMIUM	0.0004	0.0000	0.0004	0.00	0.0004
COBALT	0.0038	0.0000	0.0038	0.00	0.0038
COPPER	0.0558	0.0000	0.0558	0.00	0.0558
IRON	0.0001	0.0000	0.0001	0.00	0.0001
LEAD	0.0012	0.0000	0.0012	0.00	0.0012
MANGANESE	0.0723	0.0000	0.0723	0.00	0.0723
MOLYBDENUM	0.0691	0.0000	0.0691	0.00	0.0691
NICKEL	0.1205	0.0000	0.1205	0.00	0.1205
SELENIUM	0.0006	0.0000	0.0006	0.00	0.0006
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0124	0.0000	0.0124	0.00	0.0124
ZINC	0.0158	0.0000	0.0158	0.00	0.0158

			TOTAL GAL.	PER/ACRES
GAL.	80000	0	80000	963.86

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87 PAGE 70

LOCATION: 20A-2,5 AREA: WEST RANCH ACRES: 79.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	202.527	60.1253	262.6523	0.00	262.65
ARSENIC	0.0046	0.0035	0.0081	0.00	0.0081
BORON	0.0105	0.0065	0.0170	0.00	0.0170
CADMIUM	0.0003	0.0002	0.0005	0.00	0.0005
CHROMIUM	0.0004	0.0002	0.0006	0.00	0.0006
COBALT	0.0040	0.0014	0.0054	0.00	0.0054
COPPER	0.0586	0.0193	0.0779	0.00	0.0779
IRON	0.0001	0.0004	0.0005	0.00	0.0005
LEAD	0.0013	0.0005	0.0018	0.00	0.0018
MANGANESE	0.0759	0.0283	0.1042	0.00	0.1042
MOLYBDENUM	0.0726	0.0253	0.0979	0.00	0.0979
NICKEL	0.1266	0.0411	0.1677	0.00	0.1677
SELENIUM	0.0006	0.0032	0.0038	0.00	0.0038
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0131	0.0003	0.0134	0.00	0.0134
ZINC	0.0166	0.0065	0.0231	0.00	0.0231

			TOTAL GAL.	PER/ACRES
GAL.	80000	30000	110000	1392.41

LOCATION: 20B-1,20C-2 AREA: WEST RANCH ACRES: 116.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	198.272	0.0000	198.2720	0.00	198.27
ARSENIC	0.0045	0.0000	0.0045	0.00	0.0045
BORON	0.0102	0.0000	0.0102	0.00	0.0102
CADMIUM	0.0003	0.0000	0.0003	0.00	0.0003
CHROMIUM	0.0004	0.0000	0.0004	0.00	0.0004
COBALT	0.0039	0.0000	0.0039	0.00	0.0039
COPPER	0.0574	0.0000	0.0574	0.00	0.0574
IRON	0.0001	0.0000	0.0001	0.00	0.0001
LEAD	0.0012	0.0000	0.0012	0.00	0.0012
MANGANESE	0.0744	0.0000	0.0744	0.00	0.0744
MOLYBDENUM	0.0710	0.0000	0.0710	0.00	0.0710
NICKEL	0.1239	0.0000	0.1239	0.00	0.1239
SELENIUM	0.0006	0.0000	0.0006	0.00	0.0006
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0128	0.0000	0.0128	0.00	0.0128
ZINC	0.0163	0.0000	0.0163	0.00	0.0163

			TOTAL GAL.	PER/ACRES
GAL.	115000	0	115000	991.38

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87 PAGE 71

LOCATION: 3C-5,6 AREA: WEST RANCH ACRES: 32.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	195.621	148.4344	344.0554	0.00	344.06
ARSENIC	0.0045	0.0086	0.0131	0.00	0.0131
BORON	0.0101	0.0160	0.0261	0.00	0.0261
CADMIUM	0.0003	0.0004	0.0007	0.00	0.0007
CHROMIUM	0.0004	0.0004	0.0008	0.00	0.0008
COBALT	0.0038	0.0035	0.0073	0.00	0.0073
COPPER	0.0566	0.0477	0.1043	0.00	0.1043
IRON	0.0001	0.0011	0.0012	0.00	0.0012
LEAD	0.0012	0.0012	0.0024	0.00	0.0024
MANGANESE	0.0734	0.0699	0.1433	0.00	0.1433
MOLYBDENUM	0.0701	0.0625	0.1326	0.00	0.1326
NICKEL	0.1223	0.1016	0.2239	0.00	0.2239
SELENIUM	0.0006	0.0078	0.0084	0.00	0.0084
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0126	0.0008	0.0134	0.00	0.0134
ZINC	0.0161	0.0159	0.0320	0.00	0.0320

			TOTAL GAL.	PER/ACRES
GAL.	31300	30000	61300	1915.62

LOCATION: 3C-1 AREA: WEST RANCH ACRES: 5.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	199.996	0.0000	199.9960	0.00	200.00
ARSENIC	0.0046	0.0000	0.0046	0.00	0.0046
BORON	0.0103	0.0000	0.0103	0.00	0.0103
CADMIUM	0.0003	0.0000	0.0003	0.00	0.0003
CHROMIUM	0.0004	0.0000	0.0004	0.00	0.0004
COBALT	0.0039	0.0000	0.0039	0.00	0.0039
COPPER	0.0579	0.0000	0.0579	0.00	0.0579
IRON	0.0001	0.0000	0.0001	0.00	0.0001
LEAD	0.0012	0.0000	0.0012	0.00	0.0012
MANGANESE	0.0750	0.0000	0.0750	0.00	0.0750
MOLYBDENUM	0.0717	0.0000	0.0717	0.00	0.0717
NICKEL	0.1250	0.0000	0.1250	0.00	0.1250
SELENIUM	0.0006	0.0000	0.0006	0.00	0.0006
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0129	0.0000	0.0129	0.00	0.0129
ZINC	0.0164	0.0000	0.0164	0.00	0.0164

			TOTAL GAL.	PER/ACRES
GAL.	5000	0	5000	1000.00

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87

LOCATION: 3D-1 AREA: WEST RANCH ACRES: 40.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	239.995	138.5388	378.5338	0.00	378.53
ARSENIC	0.0055	0.0080	0.0135	0.00	0.0135
BORON	0.0124	0.0149	0.0273	0.00	0.0273
CADMIUM	0.0004	0.0004	0.0008	0.00	0.0008
CHROMIUM	0.0005	0.0004	0.0009	0.00	0.0009
COBALT	0.0047	0.0032	0.0079	0.00	0.0079
COPPER	0.0695	0.0445	0.1140	0.00	0.1140
IRON	0.0001	0.0010	0.0011	0.00	0.0011
LEAD	0.0015	0.0011	0.0026	0.00	0.0026
MANGANESE	0.0900	0.0653	0.1553	0.00	0.1553
MOLYBDENUM	0.0860	0.0583	0.1443	0.00	0.1443
NICKEL	0.1500	0.0948	0.2448	0.00	0.2448
SELENIUM	0.0007	0.0073	0.0080	0.00	0.0080
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0155	0.0007	0.0162	0.00	0.0162
ZINC	0.0197	0.0149	0.0346	0.00	0.0346

			TOTAL GAL.	PER/ACRES
GAL.	48000	35000	83000	2075.00

LOCATION: 3C-3 AREA: WEST RANCH ACRES: 45.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	199.996	17.5922	217.5882	0.00	217.59
ARSENIC	0.0046	0.0010	0.0056	0.00	0.0056
BORON	0.0103	0.0019	0.0122	0.00	0.0122
CADMIUM	0.0003	0.0001	0.0004	0.00	0.0004
CHROMIUM	0.0004	0.0000	0.0004	0.00	0.0004
COBALT	0.0039	0.0004	0.0043	0.00	0.0043
COPPER	0.0579	0.0056	0.0635	0.00	0.0635
IRON	0.0001	0.0001	0.0002	0.00	0.0002
LEAD	0.0012	0.0001	0.0013	0.00	0.0013
MANGANESE	0.0750	0.0083	0.0833	0.00	0.0833
MOLYBDENUM	0.0717	0.0074	0.0791	0.00	0.0791
NICKEL	0.1250	0.0120	0.1370	0.00	0.1370
SELENIUM	0.0006	0.0009	0.0015	0.00	0.0015
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0129	0.0001	0.0130	0.00	0.0130
ZINC	0.0164	0.0019	0.0183	0.00	0.0183

			TOTAL GAL.	PER/ACRES
GAL.	45000	5000	50000	1111.11

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87

LOCATION: 4A-2 AREA: WEST RANCH ACRES: 38.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	199.996	145.8303	345.8263	0.00	345.83
ARSENIC	0.0046	0.0084	0.0130	0.00	0.0130
BORON	0.0103	0.0157	0.0260	0.00	0.0260
CADMIUM	0.0003	0.0004	0.0007	0.00	0.0007
CHROMIUM	0.0004	0.0004	0.0008	0.00	0.0008
COBALT	0.0039	0.0034	0.0073	0.00	0.0073
COPPER	0.0579	0.0468	0.1047	0.00	0.1047
IRON	0.0001	0.0011	0.0012	0.00	0.0012
LEAD	0.0012	0.0012	0.0024	0.00	0.0024
MANGANESE	0.0750	0.0687	0.1437	0.00	0.1437
MOLYBDENUM	0.0717	0.0614	0.1331	0.00	0.1331
NICKEL	0.1250	0.0998	0.2248	0.00	0.2248
SELENIUM	0.0006	0.0077	0.0083	0.00	0.0083
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0129	0.0008	0.0137	0.00	0.0137
ZINC	0.0164	0.0157	0.0321	0.00	0.0321

			TOTAL GAL.	PER/ACRES
GAL.	38000	35000	73000	1921.05

LOCATION: 4D-3 AREA: WEST RANCH ACRES: 68.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	170.585	128.0611	298.6461	0.00	298.65
ARSENIC	0.0039	0.0074	0.0113	0.00	0.0113
BORON	0.0088	0.0138	0.0226	0.00	0.0226
CADMIUM	0.0003	0.0004	0.0007	0.00	0.0007
CHROMIUM	0.0004	0.0003	0.0007	0.00	0.0007
COBALT	0.0033	0.0030	0.0063	0.00	0.0063
COPPER	0.0494	0.0411	0.0905	0.00	0.0905
IRON	0.0001	0.0009	0.0010	0.00	0.0010
LEAD	0.0011	0.0010	0.0021	0.00	0.0021
MANGANESE	0.0640	0.0603	0.1243	0.00	0.1243
MOLYBDENUM	0.0611	0.0539	0.1150	0.00	0.1150
NICKEL	0.1066	0.0876	0.1942	0.00	0.1942
SELENIUM	0.0005	0.0067	0.0072	0.00	0.0072
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0110	0.0007	0.0117	0.00	0.0117
ZINC	0.0140	0.0137	0.0277	0.00	0.0277

			TOTAL GAL.	PER/ACRES
GAL.	58000	55000	113000	1661.76

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87 PAGE 74

LOCATION: 4D-1 AREA: WEST RANCH ACRES: 46.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	199.996	137.6783	337.6743	0.00	337.67
ARSENIC	0.0046	0.0080	0.0126	0.00	0.0126
BORON	0.0103	0.0149	0.0252	0.00	0.0252
CADMIUM	0.0003	0.0004	0.0007	0.00	0.0007
CHROMIUM	0.0004	0.0004	0.0008	0.00	0.0008
COBALT	0.0039	0.0032	0.0071	0.00	0.0071
COPPER	0.0579	0.0442	0.1021	0.00	0.1021
IRON	0.0001	0.0010	0.0011	0.00	0.0011
LEAD	0.0012	0.0011	0.0023	0.00	0.0023
MANGANESE	0.0750	0.0649	0.1399	0.00	0.1399
MOLYBDENUM	0.0717	0.0580	0.1297	0.00	0.1297
NICKEL	0.1250	0.0942	0.2192	0.00	0.2192
SELENIUM	0.0006	0.0072	0.0078	0.00	0.0078
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0129	0.0007	0.0136	0.00	0.0136
ZINC	0.0164	0.0148	0.0312	0.00	0.0312

			TOTAL GAL.	PER/ACRES
GAL.	46000	40000	86000	1869.57

LOCATION: 4D-2,5,4A-1 AREA: WEST RANCH ACRES: 156.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	251.277	131.9417	383.2187	0.00	383.22
ARSENIC	0.0058	0.0076	0.0134	0.00	0.0134
BORON	0.0130	0.0142	0.0272	0.00	0.0272
CADMIUM	0.0004	0.0004	0.0008	0.00	0.0008
CHROMIUM	0.0005	0.0003	0.0008	0.00	0.0008
COBALT	0.0049	0.0031	0.0080	0.00	0.0080
COPPER	0.0728	0.0424	0.1152	0.00	0.1152
IRON	0.0001	0.0010	0.0011	0.00	0.0011
LEAD	0.0016	0.0010	0.0026	0.00	0.0026
MANGANESE	0.0942	0.0622	0.1564	0.00	0.1564
MOLYBDENUM	0.0900	0.0556	0.1456	0.00	0.1456
NICKEL	0.1570	0.0903	0.2473	0.00	0.2473
SELENIUM	0.0008	0.0069	0.0077	0.00	0.0077
URANIUM	0.0001	0.0000	0.0001	0.00	0.0001
VADNIUM	0.0162	0.0007	0.0169	0.00	0.0169
ZINC	0.0206	0.0142	0.0348	0.00	0.0348

			TOTAL GAL.	PER/ACRES
GAL.	196000	130000	326000	2089.74

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87 PAGE 75

LOCATION: 4B-3 AREA: WEST RANCH ACRES: 45.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	199.996	158.3300	358.3260	0.00	358.33
ARSENIC	0.0046	0.0092	0.0138	0.00	0.0138
BORON	0.0103	0.0171	0.0274	0.00	0.0274
CADMIUM	0.0003	0.0005	0.0008	0.00	0.0008
CHROMIUM	0.0004	0.0004	0.0008	0.00	0.0008
COBALT	0.0039	0.0037	0.0076	0.00	0.0076
COPPER	0.0579	0.0508	0.1087	0.00	0.1087
IRON	0.0001	0.0012	0.0013	0.00	0.0013
LEAD	0.0012	0.0012	0.0024	0.00	0.0024
MANGANESE	0.0750	0.0746	0.1496	0.00	0.1496
MOLYBDENUM	0.0717	0.0667	0.1384	0.00	0.1384
NICKEL	0.1250	0.1083	0.2333	0.00	0.2333
SELENIUM	0.0006	0.0083	0.0089	0.00	0.0089
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0129	0.0008	0.0137	0.00	0.0137
ZINC	0.0164	0.0170	0.0334	0.00	0.0334

			TOTAL GAL.	PER/ACRES
GAL.	45000	45000	90000	2000.00

LOCATION: 4B-1 AREA: WEST RANCH ACRES: 20.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	199.996	0.0000	199.9960	0.00	200.00
ARSENIC	0.0046	0.0000	0.0046	0.00	0.0046
BORON	0.0103	0.0000	0.0103	0.00	0.0103
CADMIUM	0.0003	0.0000	0.0003	0.00	0.0003
CHROMIUM	0.0004	0.0000	0.0004	0.00	0.0004
COBALT	0.0039	0.0000	0.0039	0.00	0.0039
COPPER	0.0579	0.0000	0.0579	0.00	0.0579
IRON	0.0001	0.0000	0.0001	0.00	0.0001
LEAD	0.0012	0.0000	0.0012	0.00	0.0012
MANGANESE	0.0750	0.0000	0.0750	0.00	0.0750
MOLYBDENUM	0.0717	0.0000	0.0717	0.00	0.0717
NICKEL	0.1250	0.0000	0.1250	0.00	0.1250
SELENIUM	0.0006	0.0000	0.0006	0.00	0.0006
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0129	0.0000	0.0129	0.00	0.0129
ZINC	0.0164	0.0000	0.0164	0.00	0.0164

			TOTAL GAL.	PER/ACRES
GAL.	20000	0	20000	1000.00

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87 PAGE 76

LOCATION: 4C-3,4 AREA: WEST RANCH ACRES: 25.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	199.996	158.3300	358.3260	0.00	358.33
ARSENIC	0.0046	0.0092	0.0138	0.00	0.0138
BORON	0.0103	0.0171	0.0274	0.00	0.0274
CADMIUM	0.0003	0.0005	0.0008	0.00	0.0008
CHROMIUM	0.0004	0.0004	0.0008	0.00	0.0008
COBALT	0.0039	0.0037	0.0076	0.00	0.0076
COPPER	0.0579	0.0508	0.1087	0.00	0.1087
IRON	0.0001	0.0012	0.0013	0.00	0.0013
LEAD	0.0012	0.0012	0.0024	0.00	0.0024
MANGANESE	0.0750	0.0746	0.1496	0.00	0.1496
MOLYBDENUM	0.0717	0.0667	0.1384	0.00	0.1384
NICKEL	0.1250	0.1083	0.2333	0.00	0.2333
SELENIUM	0.0006	0.0083	0.0089	0.00	0.0089
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0129	0.0008	0.0137	0.00	0.0137
ZINC	0.0164	0.0170	0.0334	0.00	0.0334

			TOTAL GAL.	PER/ACRES
GAL.	25000	25000	50000	2000.00

LOCATION: 4C-5 AREA: WEST RANCH ACRES: 50.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	199.996	142.4970	342.4930	0.00	342.49
ARSENIC	0.0046	0.0082	0.0128	0.00	0.0128
BORON	0.0103	0.0154	0.0257	0.00	0.0257
CADMIUM	0.0003	0.0004	0.0007	0.00	0.0007
CHROMIUM	0.0004	0.0004	0.0008	0.00	0.0008
COBALT	0.0039	0.0033	0.0072	0.00	0.0072
COPPER	0.0579	0.0457	0.1036	0.00	0.1036
IRON	0.0001	0.0010	0.0011	0.00	0.0011
LEAD	0.0012	0.0011	0.0023	0.00	0.0023
MANGANESE	0.0750	0.0671	0.1421	0.00	0.1421
MOLYBDENUM	0.0717	0.0600	0.1317	0.00	0.1317
NICKEL	0.1250	0.0975	0.2225	0.00	0.2225
SELENIUM	0.0006	0.0075	0.0081	0.00	0.0081
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0129	0.0007	0.0136	0.00	0.0136
ZINC	0.0164	0.0153	0.0317	0.00	0.0317

			TOTAL GAL.	PER/ACRES
GAL.	50000	45000	95000	1900.00

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87 PAGE 77

LOCATION: 4D-6 AREA: WEST RANCH ACRES: 20.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	149.997	197.9126	347.9096	0.00	347.91
ARSENIC	0.0034	0.0115	0.0149	0.00	0.0149
BORON	0.0077	0.0214	0.0291	0.00	0.0291
CADMIUM	0.0002	0.0006	0.0008	0.00	0.0008
CHROMIUM	0.0003	0.0005	0.0008	0.00	0.0008
COBALT	0.0029	0.0046	0.0075	0.00	0.0075
COPPER	0.0434	0.0635	0.1069	0.00	0.1069
IRON	0.0001	0.0015	0.0016	0.00	0.0016
LEAD	0.0009	0.0016	0.0025	0.00	0.0025
MANGANESE	0.0562	0.0932	0.1494	0.00	0.1494
MOLYBDENUM	0.0537	0.0833	0.1370	0.00	0.1370
NICKEL	0.0937	0.1354	0.2291	0.00	0.2291
SELENIUM	0.0005	0.0104	0.0109	0.00	0.0109
URANIUM	0.0000	0.0001	0.0001	0.00	0.0001
VADNIUM	0.0097	0.0010	0.0107	0.00	0.0107
ZINC	0.0123	0.0212	0.0335	0.00	0.0335

			TOTAL GAL.	PER/ACRES
GAL.	15000	25000	40000	2000.00

LOCATION: 5A-4 AREA: WEST RANCH ACRES: 64.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	199.996	148.4344	348.4304	0.00	348.43
ARSENIC	0.0046	0.0086	0.0132	0.00	0.0132
BORON	0.0103	0.0160	0.0263	0.00	0.0263
CADMIUM	0.0003	0.0004	0.0007	0.00	0.0007
CHROMIUM	0.0004	0.0004	0.0008	0.00	0.0008
COBALT	0.0039	0.0035	0.0074	0.00	0.0074
COPPER	0.0579	0.0477	0.1056	0.00	0.1056
IRON	0.0001	0.0011	0.0012	0.00	0.0012
LEAD	0.0012	0.0012	0.0024	0.00	0.0024
MANGANESE	0.0750	0.0699	0.1449	0.00	0.1449
MOLYBDENUM	0.0717	0.0625	0.1342	0.00	0.1342
NICKEL	0.1250	0.1016	0.2266	0.00	0.2266
SELENIUM	0.0006	0.0078	0.0084	0.00	0.0084
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0129	0.0008	0.0137	0.00	0.0137
ZINC	0.0164	0.0159	0.0323	0.00	0.0323

			TOTAL GAL.	PER/ACRES
GAL.	64000	60000	124000	1937.50

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87

LOCATION: 5A-2 AREA: WEST RANCH ACRES: 27.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	88.887	193.5145	282.4015	0.00	282.40
ARSENIC	0.0020	0.0112	0.0132	0.00	0.0132
BORON	0.0046	0.0209	0.0255	0.00	0.0255
CADMIUM	0.0001	0.0006	0.0007	0.00	0.0007
CHROMIUM	0.0002	0.0005	0.0007	0.00	0.0007
COBALT	0.0017	0.0045	0.0062	0.00	0.0062
COPPER	0.0257	0.0621	0.0878	0.00	0.0878
IRON	0.0000	0.0014	0.0014	0.00	0.0014
LEAD	0.0006	0.0015	0.0021	0.00	0.0021
MANGANESE	0.0333	0.0912	0.1245	0.00	0.1245
MOLYBDENUM	0.0319	0.0815	0.1134	0.00	0.1134
NICKEL	0.0556	0.1324	0.1880	0.00	0.1880
SELENIUM	0.0003	0.0102	0.0105	0.00	0.0105
URANIUM	0.0000	0.0001	0.0001	0.00	0.0001
VADNIUM	0.0057	0.0010	0.0067	0.00	0.0067
ZINC	0.0073	0.0208	0.0281	0.00	0.0281

			TOTAL GAL.	PER/ACRES
GAL.	12000	33000	45000	1666.67

LOCATION: 5A-1 AREA: WEST RANCH ACRES: 22.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	163.633	143.9364	307.5694	0.00	307.57
ARSENIC	0.0037	0.0083	0.0120	0.00	0.0120
BORON	0.0085	0.0155	0.0240	0.00	0.0240
CADMIUM	0.0003	0.0004	0.0007	0.00	0.0007
CHROMIUM	0.0003	0.0004	0.0007	0.00	0.0007
COBALT	0.0032	0.0034	0.0066	0.00	0.0066
COPPER	0.0474	0.0462	0.0936	0.00	0.0936
IRON	0.0001	0.0011	0.0012	0.00	0.0012
LEAD	0.0010	0.0011	0.0021	0.00	0.0021
MANGANESE	0.0614	0.0678	0.1292	0.00	0.1292
MOLYBDENUM	0.0586	0.0606	0.1192	0.00	0.1192
NICKEL	0.1023	0.0985	0.2008	0.00	0.2008
SELENIUM	0.0005	0.0076	0.0081	0.00	0.0081
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0106	0.0008	0.0114	0.00	0.0114
ZINC	0.0134	0.0155	0.0289	0.00	0.0289

			TOTAL GAL.	PER/ACRES
GAL.	18000	20000	38000	1727.27

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87

LOCATION: 5B-4 AREA: WEST RANCH ACRES: 20.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	199.996	158.3300	358.3260	0.00	358.33
ARSENIC	0.0046	0.0092	0.0138	0.00	0.0138
BORON	0.0103	0.0171	0.0274	0.00	0.0274
CADMIUM	0.0003	0.0005	0.0008	0.00	0.0008
CHROMIUM	0.0004	0.0004	0.0008	0.00	0.0008
COBALT	0.0039	0.0037	0.0076	0.00	0.0076
COPPER	0.0579	0.0508	0.1087	0.00	0.1087
IRON	0.0001	0.0012	0.0013	0.00	0.0013
LEAD	0.0012	0.0012	0.0024	0.00	0.0024
MANGANESE	0.0750	0.0746	0.1496	0.00	0.1496
MOLYBDENUM	0.0717	0.0667	0.1384	0.00	0.1384
NICKEL	0.1250	0.1083	0.2333	0.00	0.2333
SELENIUM	0.0006	0.0083	0.0089	0.00	0.0089
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0129	0.0008	0.0137	0.00	0.0137
ZINC	0.0164	0.0170	0.0334	0.00	0.0334

			TOTAL GAL.	PER/ACRES
GAL.	20000	20000	40000	2000.00

LOCATION: 5B-2 AREA: WEST RANCH ACRES: 25.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	199.996	126.6640	326.6600	0.00	326.66
ARSENIC	0.0046	0.0073	0.0119	0.00	0.0119
BORON	0.0103	0.0137	0.0240	0.00	0.0240
CADMIUM	0.0003	0.0004	0.0007	0.00	0.0007
CHROMIUM	0.0004	0.0003	0.0007	0.00	0.0007
COBALT	0.0039	0.0030	0.0069	0.00	0.0069
COPPER	0.0579	0.0407	0.0986	0.00	0.0986
IRON	0.0001	0.0009	0.0010	0.00	0.0010
LEAD	0.0012	0.0010	0.0022	0.00	0.0022
MANGANESE	0.0750	0.0597	0.1347	0.00	0.1347
MOLYBDENUM	0.0717	0.0533	0.1250	0.00	0.1250
NICKEL	0.1250	0.0867	0.2117	0.00	0.2117
SELENIUM	0.0006	0.0067	0.0073	0.00	0.0073
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0129	0.0007	0.0136	0.00	0.0136
ZINC	0.0164	0.0136	0.0300	0.00	0.0300

			TOTAL GAL.	PER/ACRES
GAL.	25000	20000	45000	1800.00

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87 PAGE 80

LOCATION: 5A-3 AREA: WEST RANCH ACRES: 60.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	199.996	158.3300	358.3260	0.00	358.33
ARSENIC	0.0046	0.0092	0.0138	0.00	0.0138
BORON	0.0103	0.0171	0.0274	0.00	0.0274
CADMIUM	0.0003	0.0005	0.0008	0.00	0.0008
CHROMIUM	0.0004	0.0004	0.0008	0.00	0.0008
COBALT	0.0039	0.0037	0.0076	0.00	0.0076
COPPER	0.0579	0.0508	0.1087	0.00	0.1087
IRON	0.0001	0.0012	0.0013	0.00	0.0013
LEAD	0.0012	0.0012	0.0024	0.00	0.0024
MANGANESE	0.0750	0.0746	0.1496	0.00	0.1496
MOLYBDENUM	0.0717	0.0667	0.1384	0.00	0.1384
NICKEL	0.1250	0.1083	0.2333	0.00	0.2333
SELENIUM	0.0006	0.0083	0.0089	0.00	0.0089
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0129	0.0008	0.0137	0.00	0.0137
ZINC	0.0164	0.0170	0.0334	0.00	0.0334

			TOTAL GAL.	PER/ACRES
GAL.	60000	60000	120000	2000.00

LOCATION: 5C-1 AREA: WEST RANCH ACRES: 25.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	199.996	0.0000	199.9960	0.00	200.00
ARSENIC	0.0046	0.0000	0.0046	0.00	0.0046
BORON	0.0103	0.0000	0.0103	0.00	0.0103
CADMIUM	0.0003	0.0000	0.0003	0.00	0.0003
CHROMIUM	0.0004	0.0000	0.0004	0.00	0.0004
COBALT	0.0039	0.0000	0.0039	0.00	0.0039
COPPER	0.0579	0.0000	0.0579	0.00	0.0579
IRON	0.0001	0.0000	0.0001	0.00	0.0001
LEAD	0.0012	0.0000	0.0012	0.00	0.0012
MANGANESE	0.0750	0.0000	0.0750	0.00	0.0750
MOLYBDENUM	0.0717	0.0000	0.0717	0.00	0.0717
NICKEL	0.1250	0.0000	0.1250	0.00	0.1250
SELENIUM	0.0006	0.0000	0.0006	0.00	0.0006
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0129	0.0000	0.0129	0.00	0.0129
ZINC	0.0164	0.0000	0.0164	0.00	0.0164

			TOTAL GAL.	PER/ACRES
GAL.	25000	0	25000	1000.00

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87 PAGE 81

LOCATION: 9A-8 AREA: WEST RANCH ACRES: 40.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	199.996	158.3300	358.3260	0.00	358.33
ARSENIC	0.0046	0.0092	0.0138	0.00	0.0138
BORON	0.0103	0.0171	0.0274	0.00	0.0274
CADMIUM	0.0003	0.0005	0.0008	0.00	0.0008
CHROMIUM	0.0004	0.0004	0.0008	0.00	0.0008
COBALT	0.0039	0.0037	0.0076	0.00	0.0076
COPPER	0.0579	0.0508	0.1087	0.00	0.1087
IRON	0.0001	0.0012	0.0013	0.00	0.0013
LEAD	0.0012	0.0012	0.0024	0.00	0.0024
MANGANESE	0.0750	0.0746	0.1496	0.00	0.1496
MOLYBDENUM	0.0717	0.0667	0.1384	0.00	0.1384
NICKEL	0.1250	0.1083	0.2333	0.00	0.2333
SELENIUM	0.0006	0.0083	0.0089	0.00	0.0089
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0129	0.0008	0.0137	0.00	0.0137
ZINC	0.0164	0.0170	0.0334	0.00	0.0334

			TOTAL GAL.	PER/ACRES
GAL.	40000	40000	80000	2000.00

LOCATION: 9A-4 AREA: WEST RANCH ACRES: 40.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	199.996	138.5388	338.5348	0.00	338.53
ARSENIC	0.0046	0.0080	0.0126	0.00	0.0126
BORON	0.0103	0.0149	0.0252	0.00	0.0252
CADMIUM	0.0003	0.0004	0.0007	0.00	0.0007
CHROMIUM	0.0004	0.0004	0.0008	0.00	0.0008
COBALT	0.0039	0.0032	0.0071	0.00	0.0071
COPPER	0.0579	0.0445	0.1024	0.00	0.1024
IRON	0.0001	0.0010	0.0011	0.00	0.0011
LEAD	0.0012	0.0011	0.0023	0.00	0.0023
MANGANESE	0.0750	0.0653	0.1403	0.00	0.1403
MOLYBDENUM	0.0717	0.0583	0.1300	0.00	0.1300
NICKEL	0.1250	0.0948	0.2198	0.00	0.2198
SELENIUM	0.0006	0.0073	0.0079	0.00	0.0079
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0129	0.0007	0.0136	0.00	0.0136
ZINC	0.0164	0.0149	0.0313	0.00	0.0313

			TOTAL GAL.	PER/ACRES
GAL.	40000	35000	75000	1875.00

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87 PAGE 82

LOCATION:9B-2 AREA:WEST RANCH ACRES: 60.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	216.662	145.1359	361.7979	0.00	361.80
ARSENIC	0.0050	0.0084	0.0134	0.00	0.0134
BORON	0.0112	0.0157	0.0269	0.00	0.0269
CADMIUM	0.0004	0.0004	0.0008	0.00	0.0008
CHROMIUM	0.0005	0.0004	0.0009	0.00	0.0009
COBALT	0.0042	0.0034	0.0076	0.00	0.0076
COPPER	0.0627	0.0466	0.1093	0.00	0.1093
IRON	0.0001	0.0011	0.0012	0.00	0.0012
LEAD	0.0014	0.0011	0.0025	0.00	0.0025
MANGANESE	0.0812	0.0684	0.1496	0.00	0.1496
MOLYBDENUM	0.0776	0.0611	0.1387	0.00	0.1387
NICKEL	0.1354	0.0993	0.2347	0.00	0.2347
SELENIUM	0.0007	0.0076	0.0083	0.00	0.0083
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0140	0.0008	0.0148	0.00	0.0148
ZINC	0.0178	0.0156	0.0334	0.00	0.0334

			TOTAL GAL.	PER/ACRES
GAL.	65000	55000	120000	2000.00

LOCATION:9B-4,6 AREA:WEST RANCH ACRES: 75.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	199.996	126.6640	326.6600	0.00	326.66
ARSENIC	0.0046	0.0073	0.0119	0.00	0.0119
BORON	0.0103	0.0137	0.0240	0.00	0.0240
CADMIUM	0.0003	0.0004	0.0007	0.00	0.0007
CHROMIUM	0.0004	0.0003	0.0007	0.00	0.0007
COBALT	0.0039	0.0030	0.0069	0.00	0.0069
COPPER	0.0579	0.0407	0.0986	0.00	0.0986
IRON	0.0001	0.0009	0.0010	0.00	0.0010
LEAD	0.0012	0.0010	0.0022	0.00	0.0022
MANGANESE	0.0750	0.0597	0.1347	0.00	0.1347
MOLYBDENUM	0.0717	0.0533	0.1250	0.00	0.1250
NICKEL	0.1250	0.0867	0.2117	0.00	0.2117
SELENIUM	0.0006	0.0067	0.0073	0.00	0.0073
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0129	0.0007	0.0136	0.00	0.0136
ZINC	0.0164	0.0136	0.0300	0.00	0.0300

			TOTAL GAL.	PER/ACRES
GAL.	75000	60000	135000	1800.00

TOTAL CUMULATIVE LOADING
(LBS/ACRE)

DATE 04/28/87 PAGE 83

LOCATION: 9A-7 AREA: WEST RANCH ACRES: 30.00

ELEMENTS	APPLICATION FIRST	APPLICATION SECOND	1986 TOTAL	1985 YTD TOTAL	CUMULATIVE TOTAL
NITROGEN	166.663	105.5534	272.2164	0.00	272.22
ARSENIC	0.0038	0.0061	0.0099	0.00	0.0099
BORON	0.0086	0.0114	0.0200	0.00	0.0200
CADMIUM	0.0003	0.0003	0.0006	0.00	0.0006
CHROMIUM	0.0003	0.0003	0.0006	0.00	0.0006
COBALT	0.0033	0.0025	0.0058	0.00	0.0058
COPPER	0.0483	0.0339	0.0822	0.00	0.0822
IRON	0.0001	0.0008	0.0009	0.00	0.0009
LEAD	0.0010	0.0008	0.0018	0.00	0.0018
MANGANESE	0.0625	0.0497	0.1122	0.00	0.1122
MOLYBDENUM	0.0597	0.0444	0.1041	0.00	0.1041
NICKEL	0.1042	0.0722	0.1764	0.00	0.1764
SELENIUM	0.0005	0.0056	0.0061	0.00	0.0061
URANIUM	0.0000	0.0000	0.0000	0.00	0.0000
VADNIUM	0.0108	0.0006	0.0114	0.00	0.0114
ZINC	0.0137	0.0113	0.0250	0.00	0.0250

			TOTAL GAL.	PER/ACRES
GAL.	25000	20000	45000	1500.00