#### **2005 GEOLOGICAL REPORT**

#### FOR THE

#### **SPHINX PROPERTY**

Nelson / Fort Steele Mining Division, Southeastern B.C. Mapsheets 82F057, 82F067 Latitude 49°38' N, Longitude 116°40'W

# VOLUME II APPENDICES

# APPENDIX I CONDOR CONSULTING DIGHEM REPORT APPENDIX II MOLYBDENUM FACT SHEETS APPENDIX III SAMPLE DESCRIPTIONS APPENDIX IV PHOTO PLATE

Prepared for

# EAGLE PLAINS RESOURCES LTD.

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December 02, 2005

# **APPENDIX I**

# CONDOR CONSULTING DIGHEM REPORT

# **REPORT ON REPROCESSING AND INTERPRETATION**

of

# St. MARY RIVER DIGHEM DATA

# **IN VICINITY OF SPHINX AREA**

for

# EAGLE PLAINS RESOURCES INC.

April 2005



Condor Consulting Lakewood Colorado USA

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### 1. INTRODUCTION

At the request of Mr. Chris Gallagher of Eagle Plains Resources Ltd. (Eagle Plains), selected Dighem EM data over the Sphinx area have been reprocessed by Condor Consulting, Inc. (Condor) to produce conductivity depth images (CDI).

Sphinx is located 15 km east of Crawford Bay, BC, Canada.

The Dighem survey was flown in 1995 for the British Columbia, Ministry of Employment and Investment, Energy and Minerals Division, Geological Survey Branch and the Geological Survey of Canada; the data is now open file.

Previously, Condor has processed data from a VTEM survey carried out in this area for Eagle Plains in 2004 (Condor Consulting 2005). The Dighem survey covered the VTEM survey area, but encompassed a considerably larger area and the main purpose of the present study was to determine the extent of several conductors that appeared to extend outside the boundary of the VTEM survey. In addition the study has enabled the direct comparison of VTEM and Dighem along several flight lines where the two systems flew closely similar flight paths. A small subset of the St Mary River Dighem was selected for this purpose (see below).

The inversions to produce CDIs were carried out using UBC FarEM (EM1DFM) software. Details are provided in Section 3 below.

Correlation of these CDI sections and images with known geology will assist Eagle Plains in further exploration. The survey area is prospective for copper-gold mineralization associated with iron oxide breccias.

Detailed interpretation of the data by Condor was not part of the processing contract, but some general comments about the significance of the data are included below.

## 2. CLIENT PROVIDED DATA

The St. Mary River Dighem survey covering a large area was carried out by Geoterrex-Dighem (now Fugro Airborne Surveys) in 1995. Eagle Plains supplied data that had been obtained from the Canadian government. Unfortunately, it was found that the GPS height and the barometric altimeter height were both corrupted, but after considerable effort Condor was able to arrange for the government to supply replacement SRTM (Shuttle Radar Topography Mission) elevation data that has reasonable resolution.

Figure 1 shows the extent of the St. Mary River Dighem survey and the location of the Sphinx VTEM survey. The underlying image is the Dighem 7200 Hz conductivity calculated by Geoterrex-Dighem.

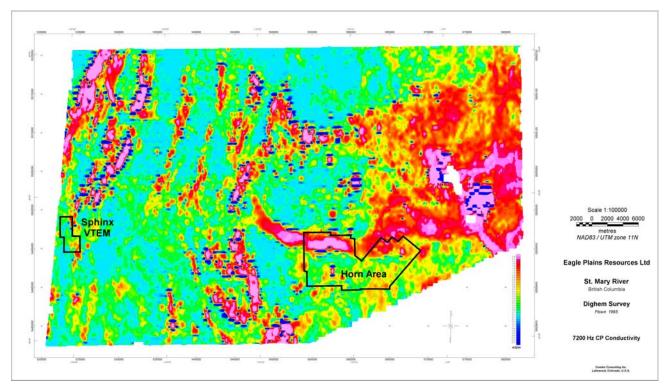


Figure 1 St Mary River Dighem survey, showing location of Sphinx VTEM survey

The Dighem flight line spacing was 400 m, considerably wider than the nominal 100 m used for the Sphinx VTEM.

Figure 2 shows the locations of 12 Dighem lines selected by Chris Gallagher to be processed to CDI sections, overlain on claim boundaries. The underlying image is the Dighem 7200 Hz conductivity.

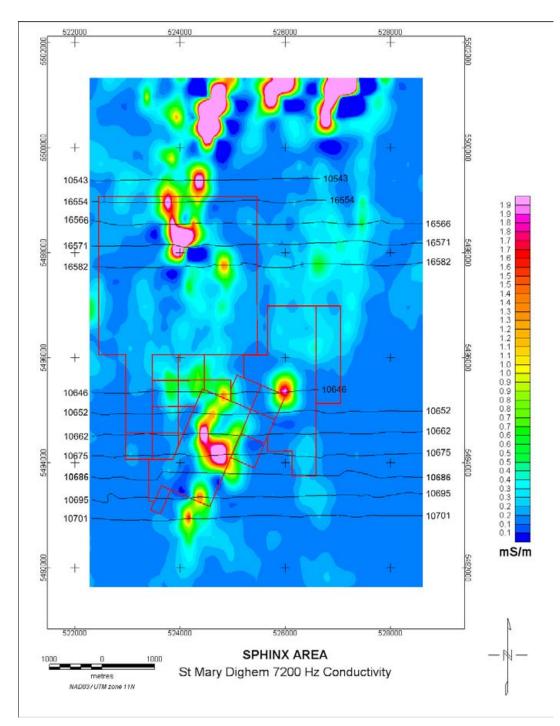


Fig. 2 Selected Dighem lines and claim boundaries (base is 7200 Hz conductivity)

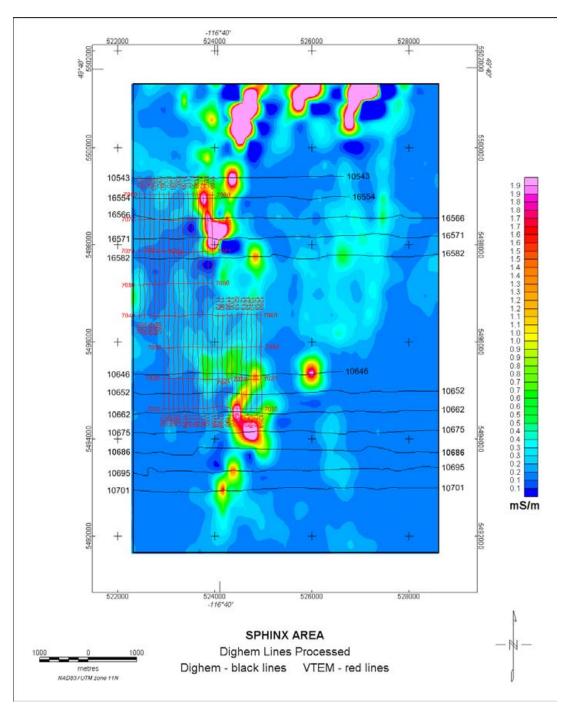


Fig. 3 Selected Dighem lines and all VTEM lines (base is 7200 Hz conductivity)

The locations of the selected Dighem lines in comparison with the VTEM lines are show in Figure 3.

The lines chosen consisted of the following:-

Radiometric data was also acquired with the Dighem survey. No processing has been done on this data, but for sake of completeness, images showing the three radiometric ratios (Th/K, U/K and U/Th) covering the area around Sphinx have been included in Appendix A.

#### 3. EM PROCESSING

#### 3.1 FarEM

FarEM (previously known as EM1DFM) is a product of the University of British Columbia, Geophysical Inversion Facility (Farquharson and Oldenburg, 2000). The program is a one-dimensional inversion routine designed to model frequency domain EM of the variety typically recorded with Max-Min (ground) or Dighem-style helicopter EM systems. The program can recover both conductivity and magnetic permeability of the subsurface within the limits of the specific acquisition system being employed.

Due to the nature of the algorithm, flat lying conductors are more likely to be imaged at their proper depth whereas steeply dipping conductors tend to be imaged deeper than their actual depth. Whenever possible, conductor depths on CDI images should be calibrated with local geological control.

#### 3.2 FarEM Processing Parameters

All 5 frequencies (3 coplanar and two coaxial) were used in the inversions. A total of 28 logarithmically spaced layers, ranging in thickness from 1 m to 26.5 m were used, to a maximum depth of 250 m.

Starting conductivity: 0.0001 S/m Reference conductivities: 0.0001 S/m and 0.0005 S/m Fixed Trade Off with Beta: 2

Two inversion runs were made with the different reference conductivities, in order to estimate the depth of penetration along the line. Where the inversions differed by more than 20% at depth, these results were nulled and replaced with white on the CDI sections.

## 4. PRODUCTS

### 4.1 Plan Products

Maps showing images of the following Dighem survey parameters were produced, each showing the location of the VTEM survey boundary. These are included in Appendix A.

- Topography (DEM)
- Magnetics (with VTEM magnetics stitched in)
- 7200 Hz conductivity with VTEM AdTau time constant stitched in
- Th/K ratio
- U/K ratio
- U/Th ratio

The ratios largely remove the effects of altitude differences and are thus preferable to the individual K, Th and U values.

## 4.2 MultiPlots<sup>™</sup>

MultiPlots<sup>™</sup> (produced using Encom's Profile Analyst (PA) application) were produced for each Dighem survey line at a uniform horizontal scale and are included in Appendix B. These display a variety of primary and derived data from the survey:

Each MultiPlot<sup>™</sup> displays the following information:

- 56K Hz coplanar inphase and quadrature (observed and FAREM predicted)
- 7200 Hz coplanar inphase and quadrature (observed and FAREM predicted)
- 900 Hz coplanar inphase and quadrature (observed and FAREM predicted)
- TMI magnetics
- FAREM CDI inversion (including EM bird track above topography)
- Trackmap showing flight path on topographic map

### 5. COMPARISON OF DIGHEM AND VTEM

The Dighem flight lines were oriented east-west and the VTEM flight lines were oriented north-south, so direct comparison of the data and inversions was not possible in most cases. However, six of the VTEM tie lines were located reasonably close to Dighem lines (see Figure 4) and these have been compared below (full-size versions are in Appendix C).

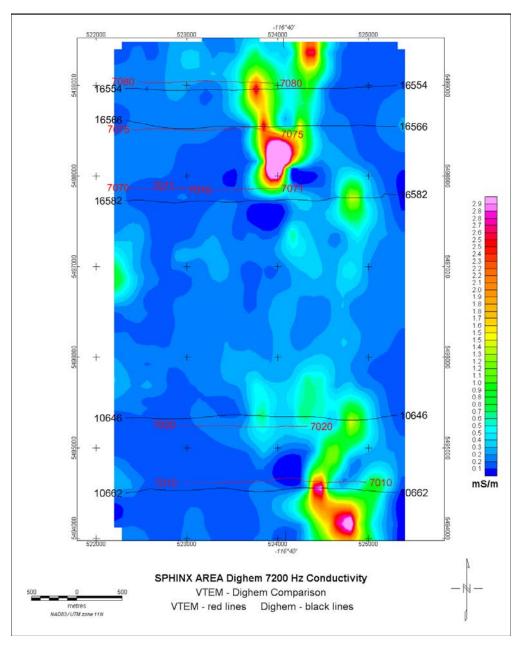
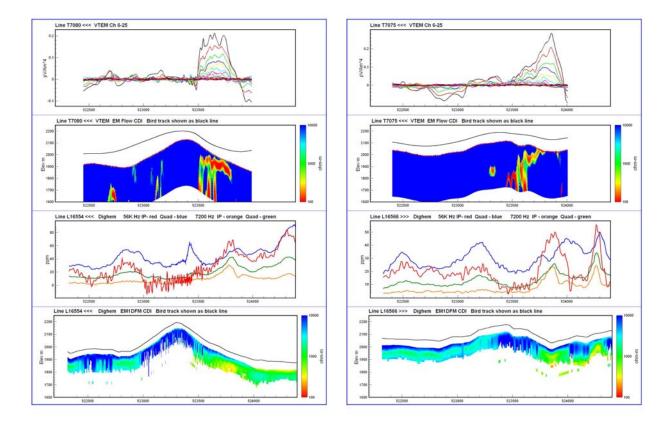
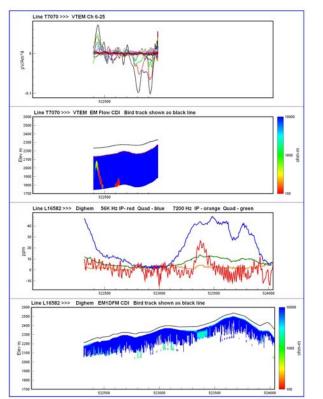
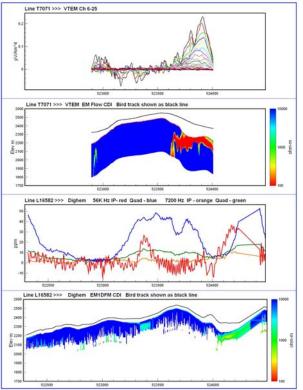


Fig. 4 Direct comparison of Dighem and VTEM data







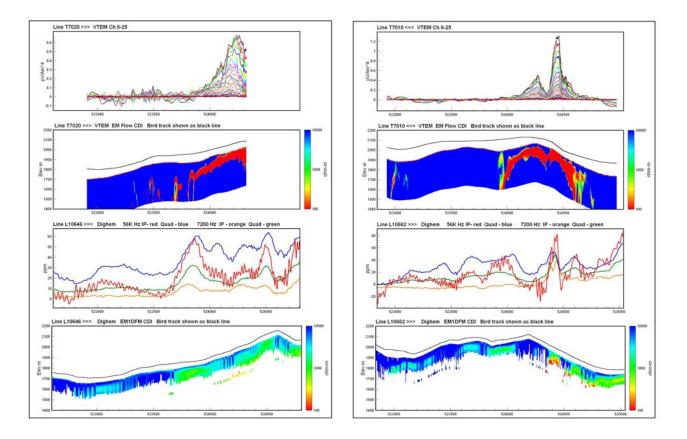


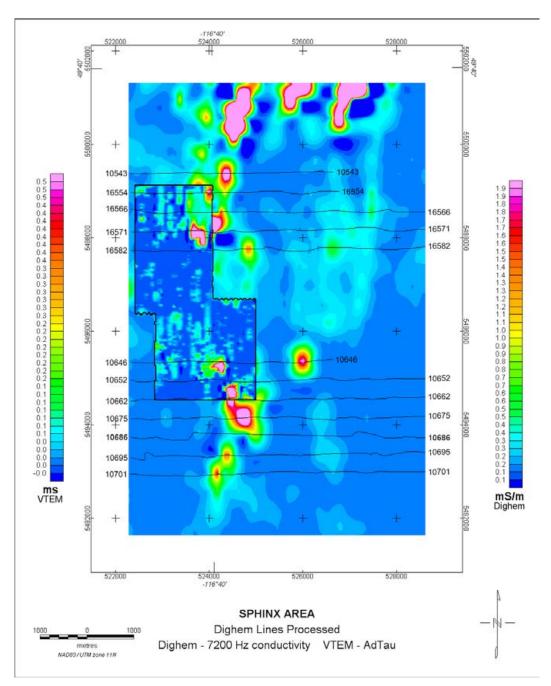
Fig. 5 VTEM – Dighem comparisons for six lines

The vertical scales of the VTEM and Dighem CDI sections are the same. It is noticeable that the pilot employed for the Dighem flying did a generally better job of draping the rugged topography than the pilot on the VTEM survey. As previously observed, the superior depth penetration of the VTEM makes this of little consequence.

Where significant VTEM anomalies occur, in most cases some conductivity is observed in the Dighem CDI section. However, these are generally not so well defined. However, in some cases no significant conductor appears on the Dighem CDI: one example is VTEM T7071 and Dighem 16582 where the VTEM CDI shows a shallow conductor. Another is VTEM T7020 where a shallow conductor is shown on the CDI, which has no direct response on the Dighem CDI (although there is some adjacent conductivity). In the author's opinion, the VTEM data is more believable than the Dighem in this environment.

# 6. DISCUSSION

On two of the Dighem lines the radar altimeter data appears erroneous over short distances (viz. Lines 10686, 10701). However, this does not significantly compromise the overall results.





Most of the 12 lines processed exhibit significant conductors, some of which occur within the Sphinx VTEM survey area and other outside it. In Figure 6 the flight lines are shown in relation to a base map consisting of the VTEM AdTau image superimposed on the Dighem 7200 Hz conductivity image.

## 6.1 Conductors Within VTEM Survey Area

- On Line 16544 a bedrock conductor near 523800E correlates with a partlydelineated AdTau anomaly on the edge of the VTEM survey.
- A similar conductor on Line 16566 occurs at the edge of the VTEM survey (and is not defined on the latter).
- A bedrock conductor on Line 16571 at 524000E is located just to the East of a relatively strong AdTau anomaly on the VTEM
- On Line 10646 an area of elevated conductivity between 523700E and 525000E encompasses a smaller, discrete AdTau anomaly.
- A bedrock conductor on Line 10652 centered on 524600E lies immediately north of an AdTau anomaly.
- A bedrock conductor on Line 10662 at 524400E correlates with an Adtau anomaly at the southern boundary of the VTEM survey. Bedrock conductivity extends to the east.

# 6.2 Conductors Outside VTEM Survey Area

- A good bedrock conductor on Line 10543 at 524330E, which correlates with the southern end of a north-south trending magnetic anomaly.
- A shallow (outcropping?) conductor with limited depth extent on Line 16544 near 524500E, which lies due south of the bedrock conductor on Line 10543.
- A bedrock conductor on Line 16566 at 524260E
- A bedrock conductor on Line 16571 at 524000E
- A narrow bedrock conductor on Line 16582 at 524800E
- A wide, flat-dipping, near-surface bedrock conductor on Line 10646 at 526000E that is definitely worthy of follow-up.

- A wide bedrock conductor on Line 10675 centered at 524700E, which does not appear to outcrop and extends beneath the depth of penetration of the Dighem. This lies immediately south of the VTEM survey boundary and warrants follow-up.
- A discrete bedrock conductor on Line 10695 at 524400E.
- A similar, but weaker, bedrock conductor on Line 10701. This is probably the same conductor as observed on Line 10695, but the 400 m line spacing does not allow definite correlation.

### 7. CONCLUSIONS

The CDI reprocessing of the Dighem data from the Sphinx area has produced new information on the conductivity distribution, particularly the depth distribution, which will aid in prioritizing exploration targets in this area.

Direct comparisons were made with the VTEM data. In most cases there is reasonable correlation, but the VTEM has superior depth penetration and also appears to have more discrimination in terms of defining lateral extent and conductance via the AdTau parameter.

Respectfully submitted

Rechard Invene

Condor Consulting, Inc.

April 13, 2005

#### 8. REFERENCES

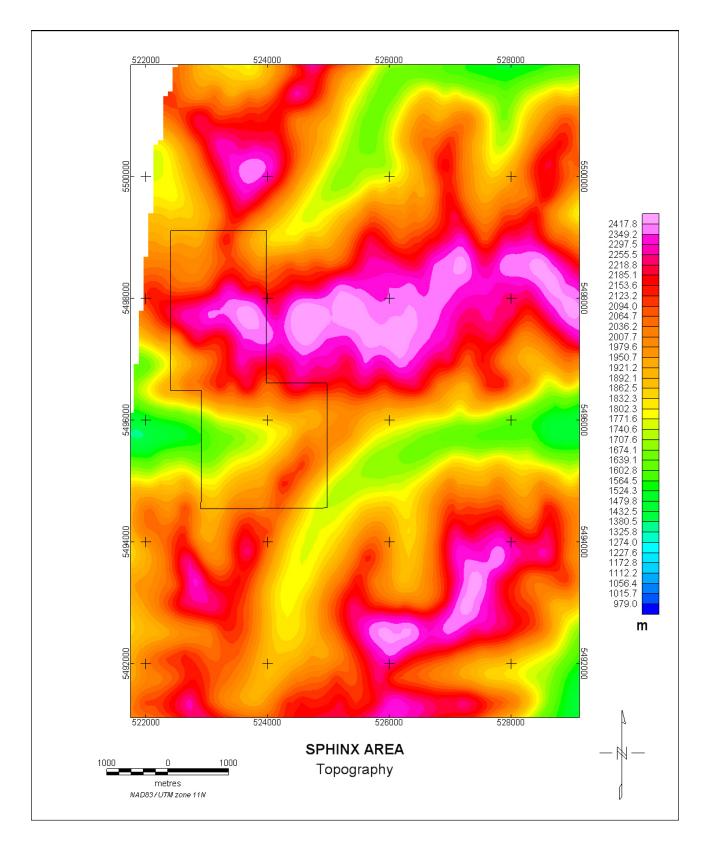
Condor Consulting, (2005) Report on reprocessing and interpretation of Sphinx VTEM data for Eagle Plains Resources Inc.

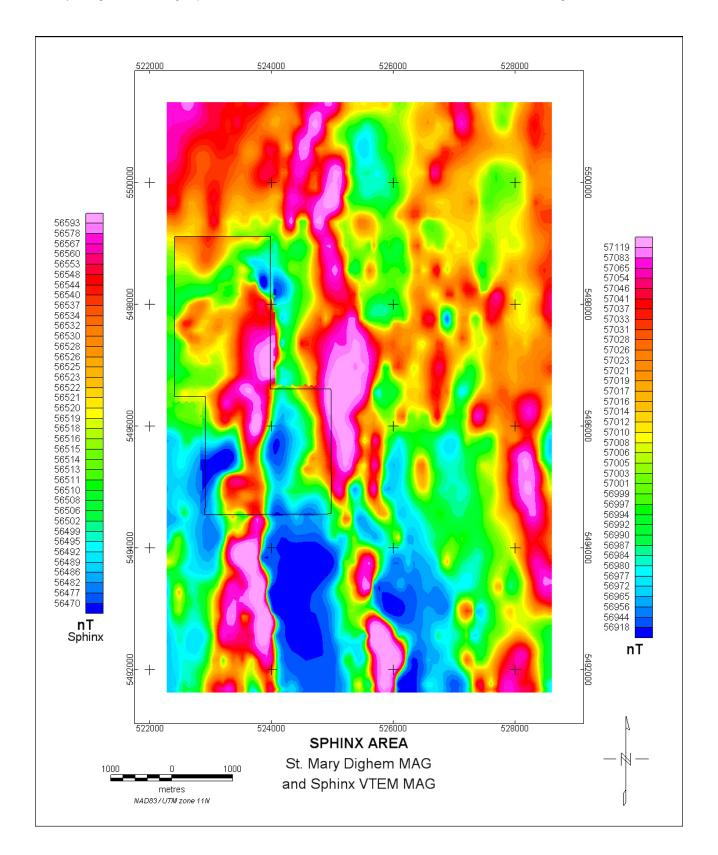
Farquharson, C. G. & Oldenburg, D. W. (2000) Automatic estimation of the trade-off parameter in nonlinear inverse problems using the GCV and L-curve criteria. SEG 70<sup>th</sup> Annual Meeting, Calgary, Alberta, 6-11 August, 2000.

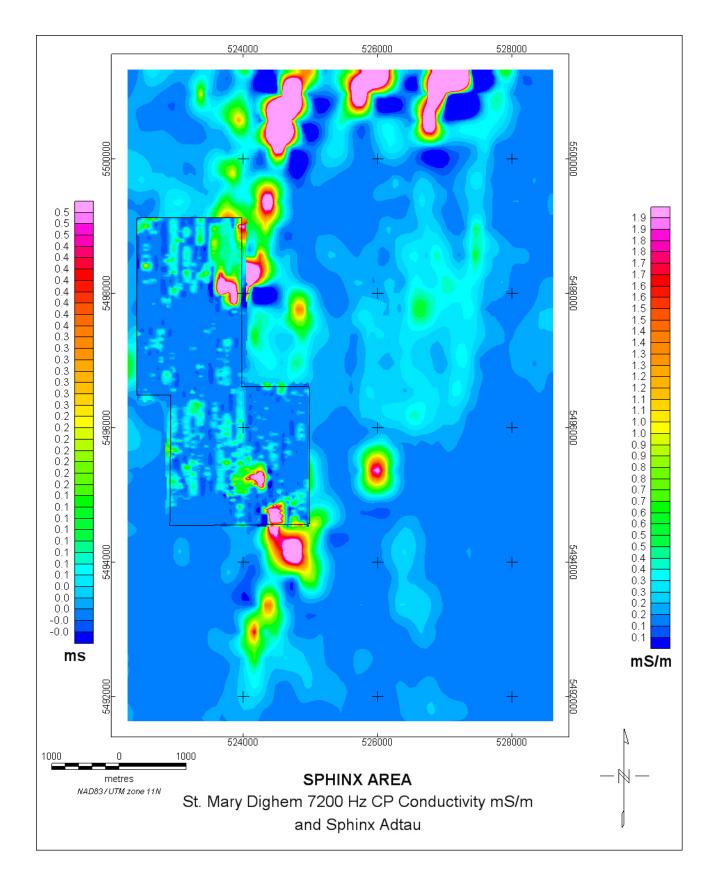
# **APPENDIX A - Plan Products**

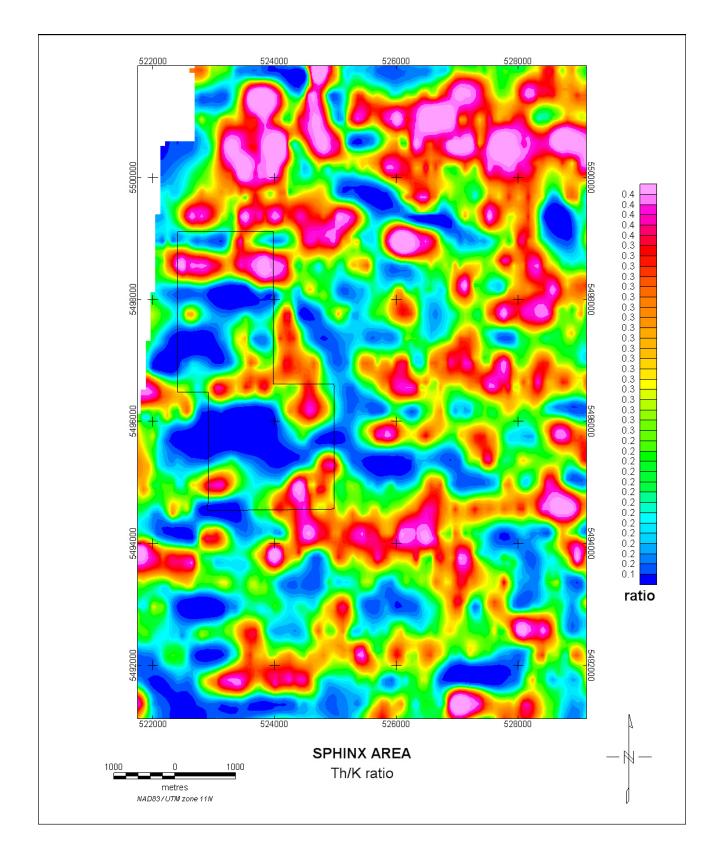
Condor Consulting, Inc

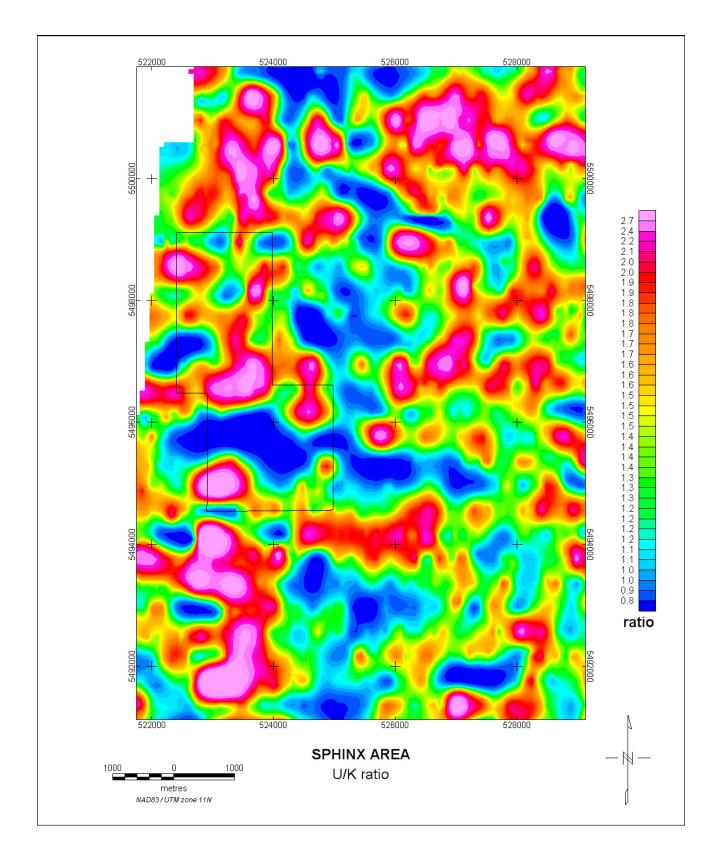
April 2005

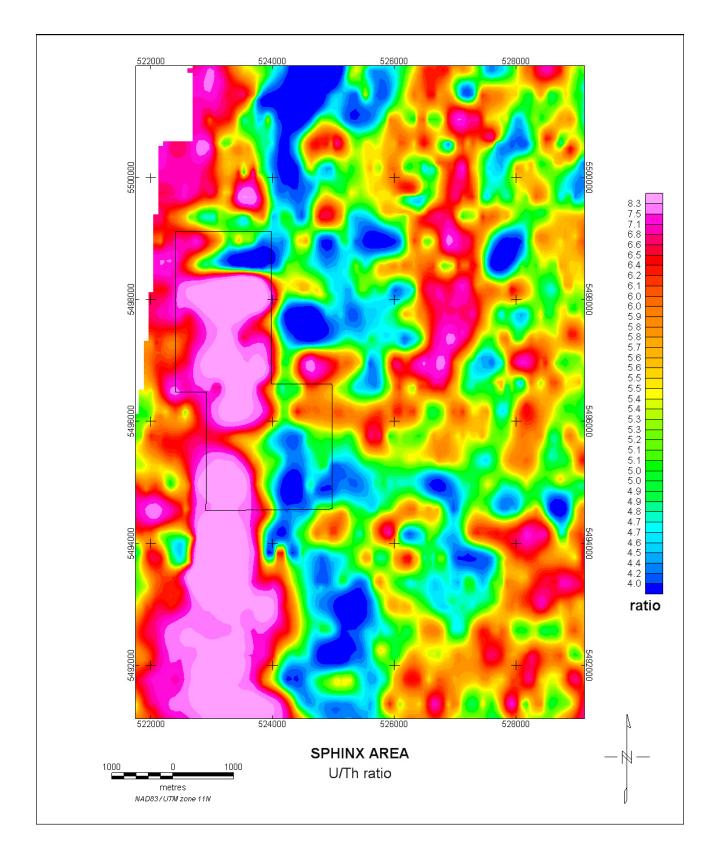




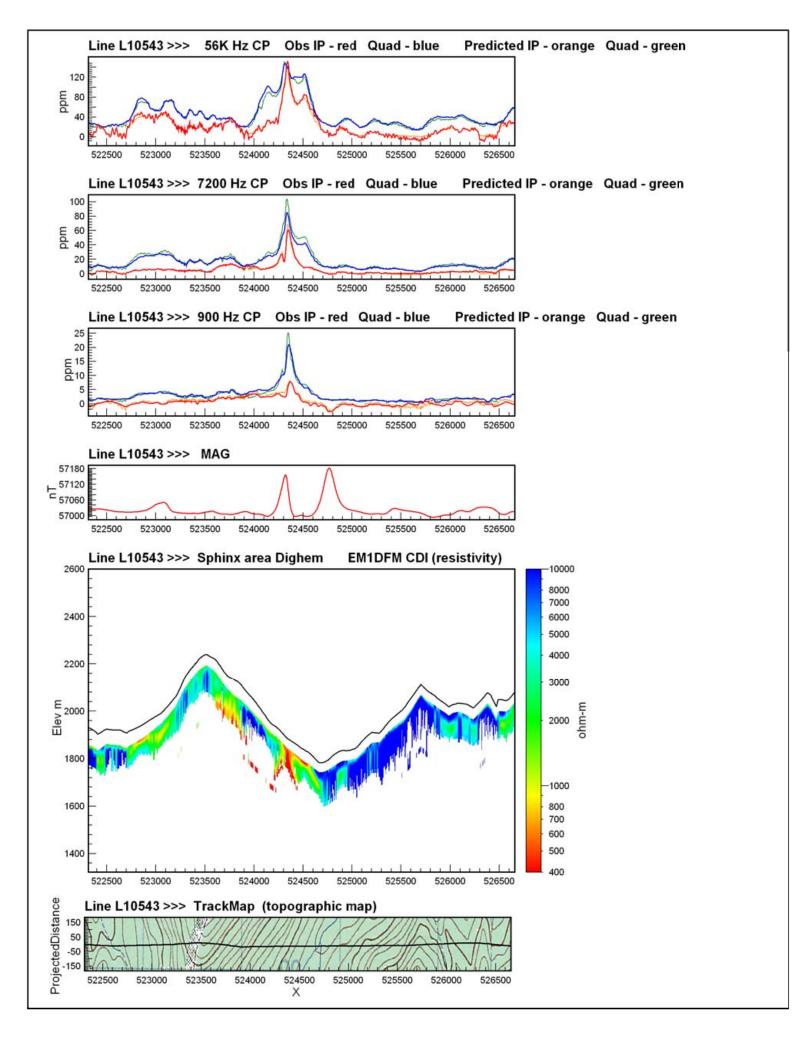


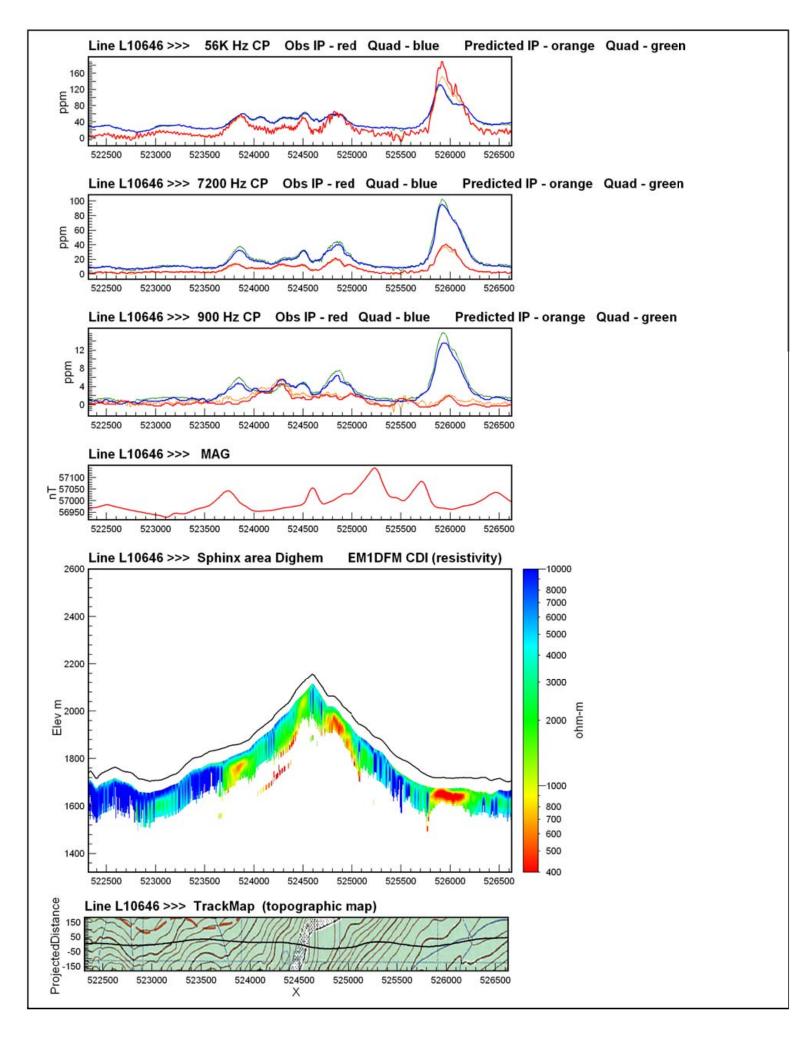


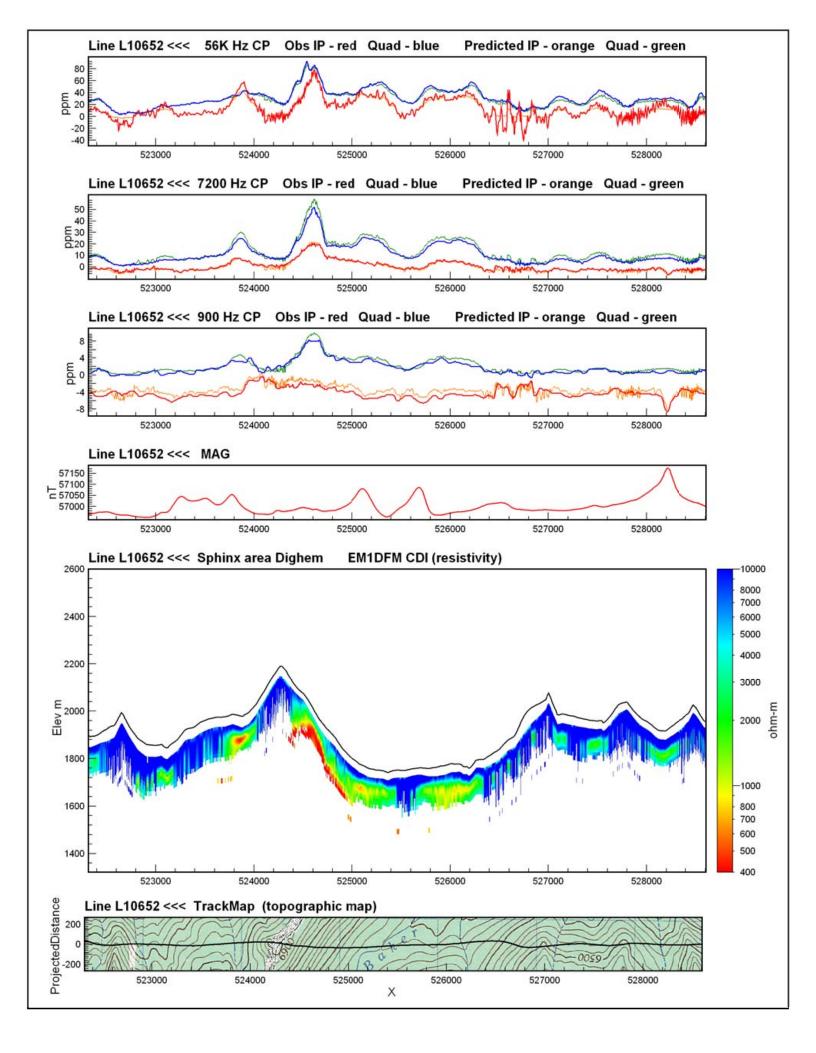


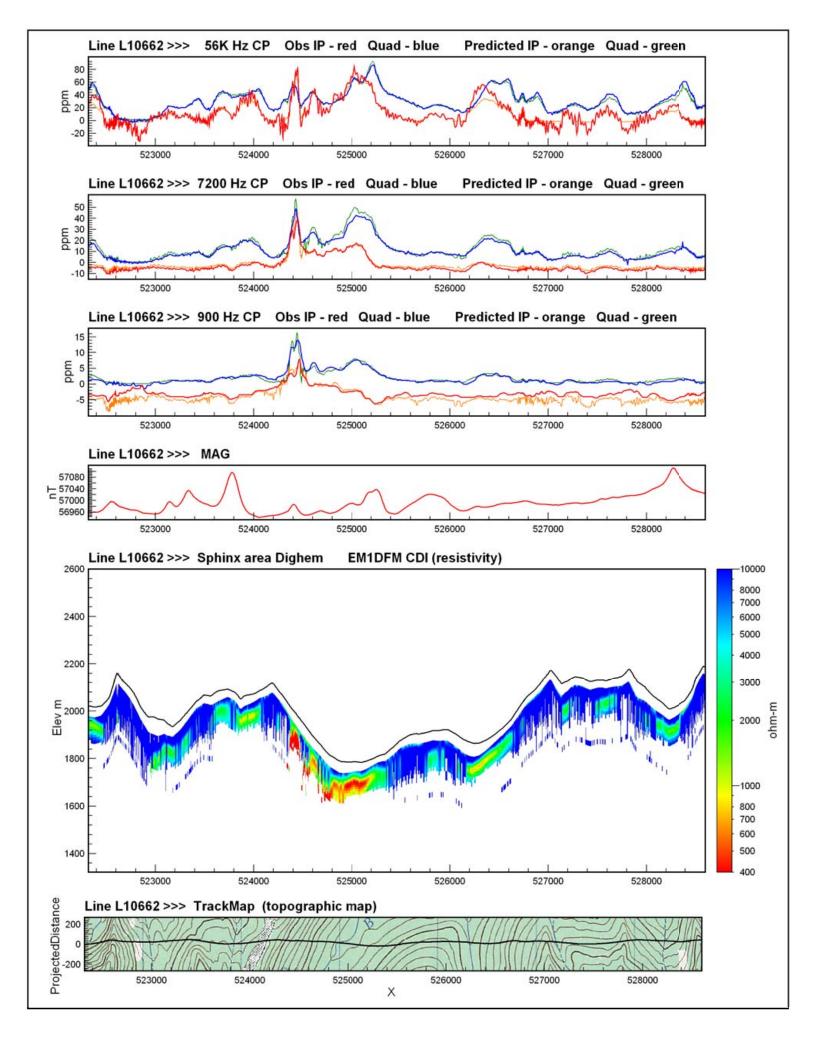


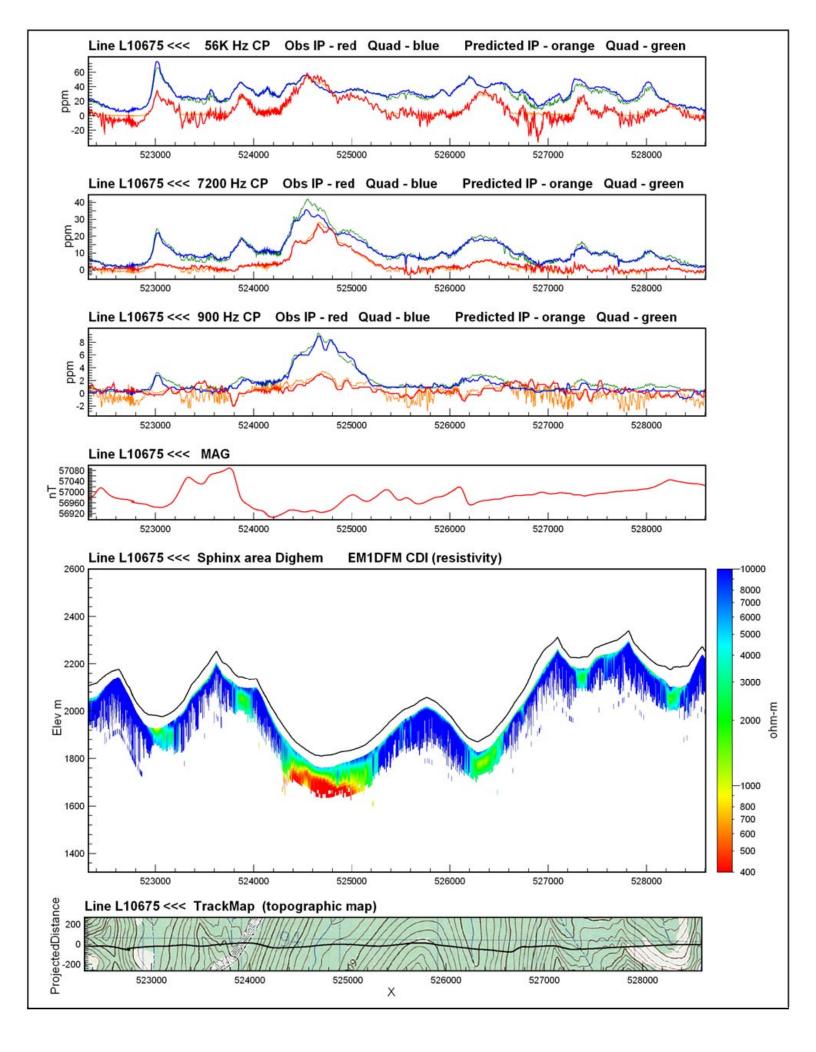
# APPENDIX B - MultiPlots<sup>™</sup>

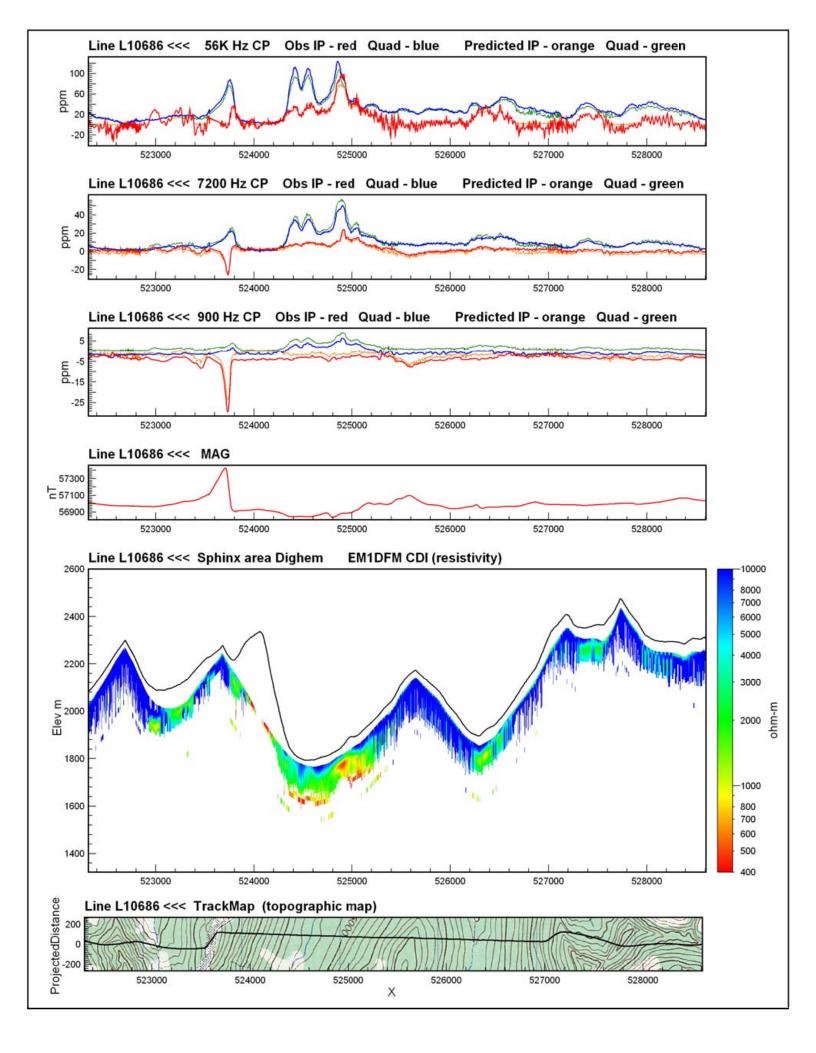


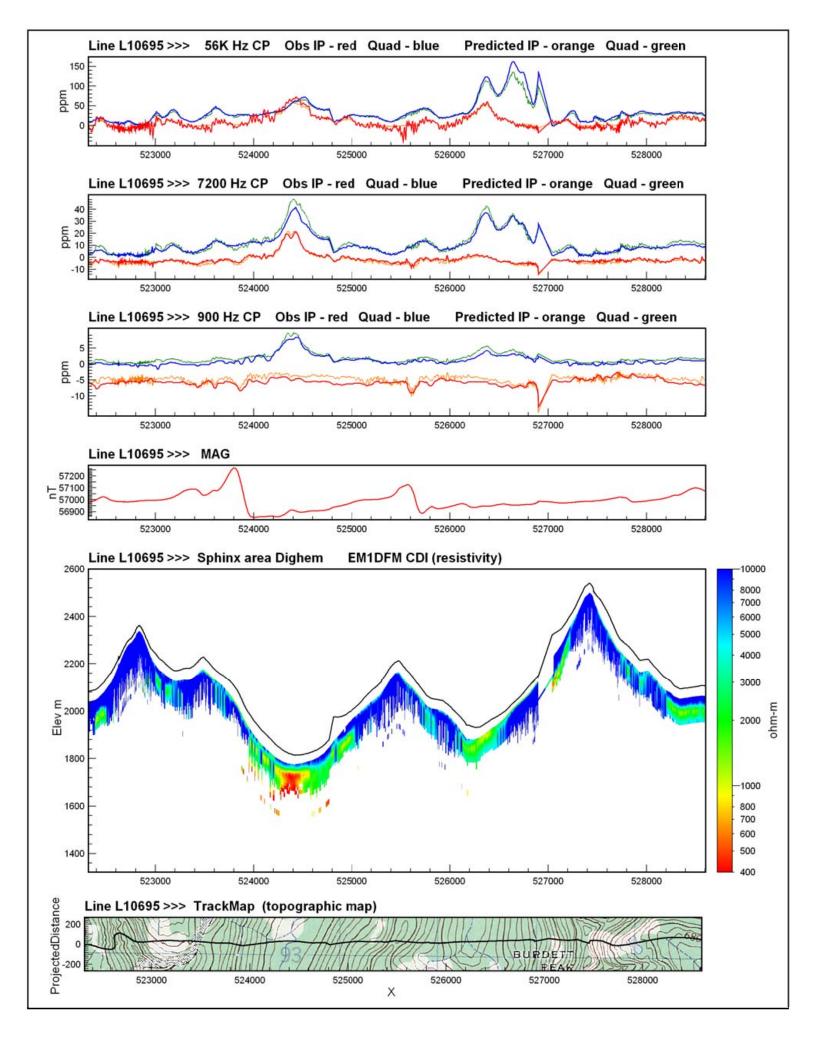


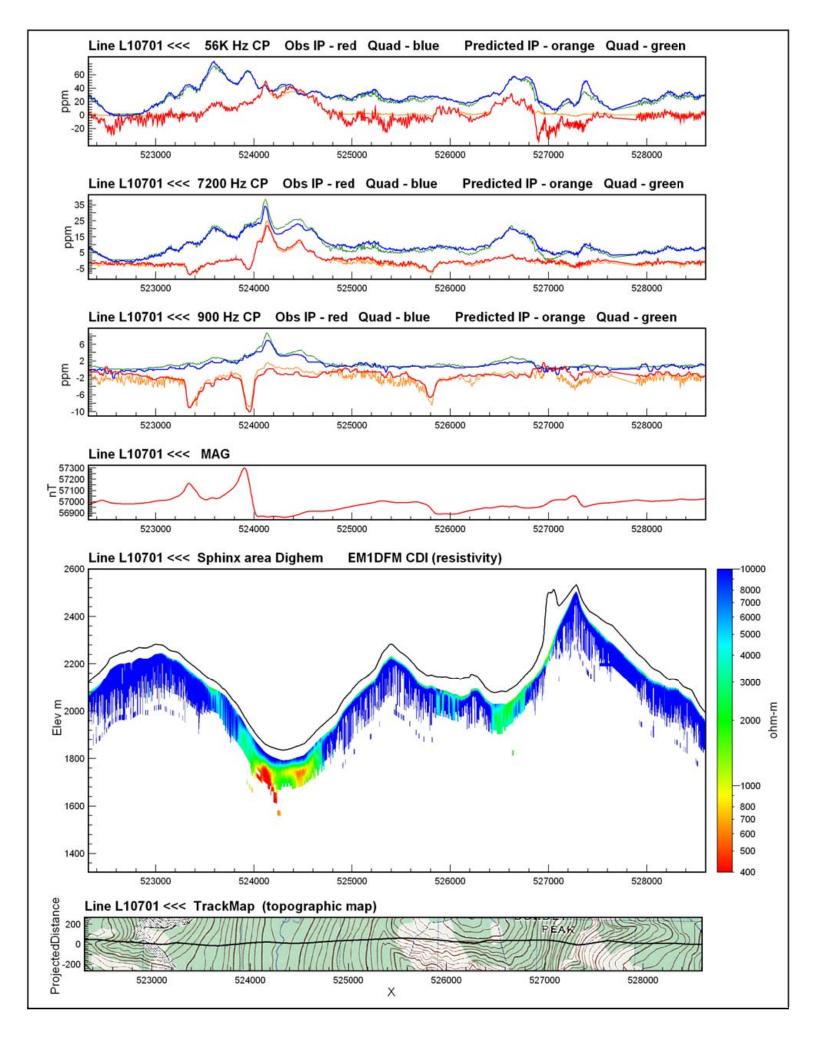


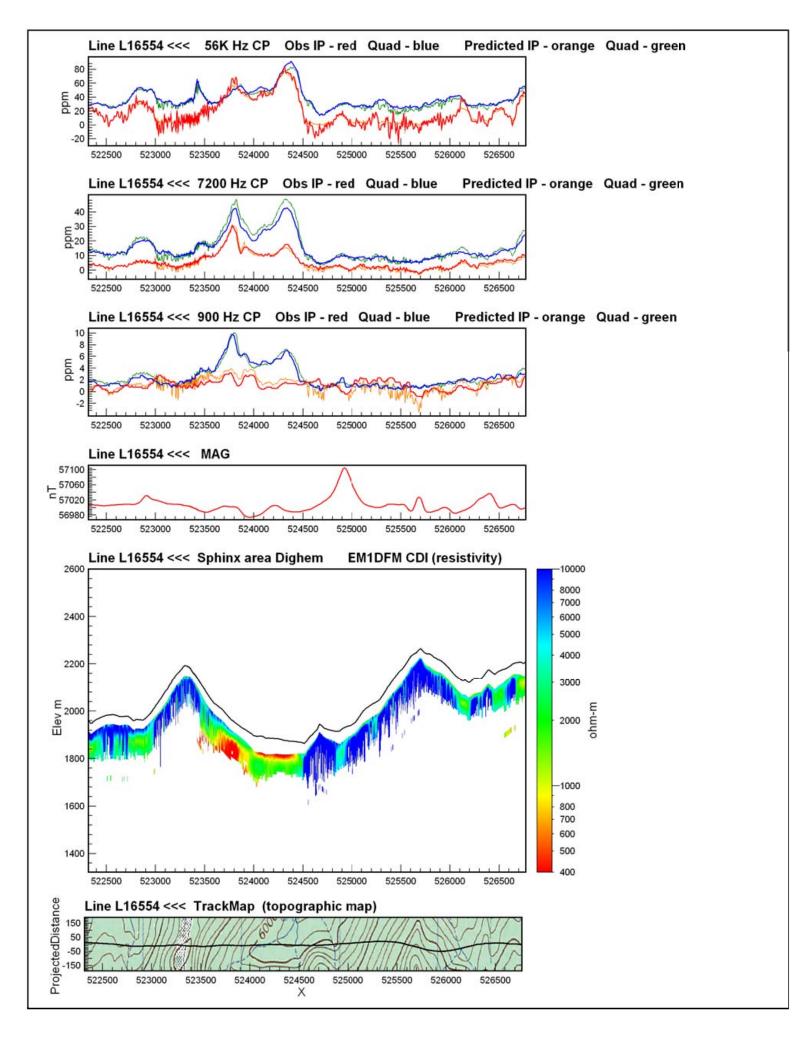


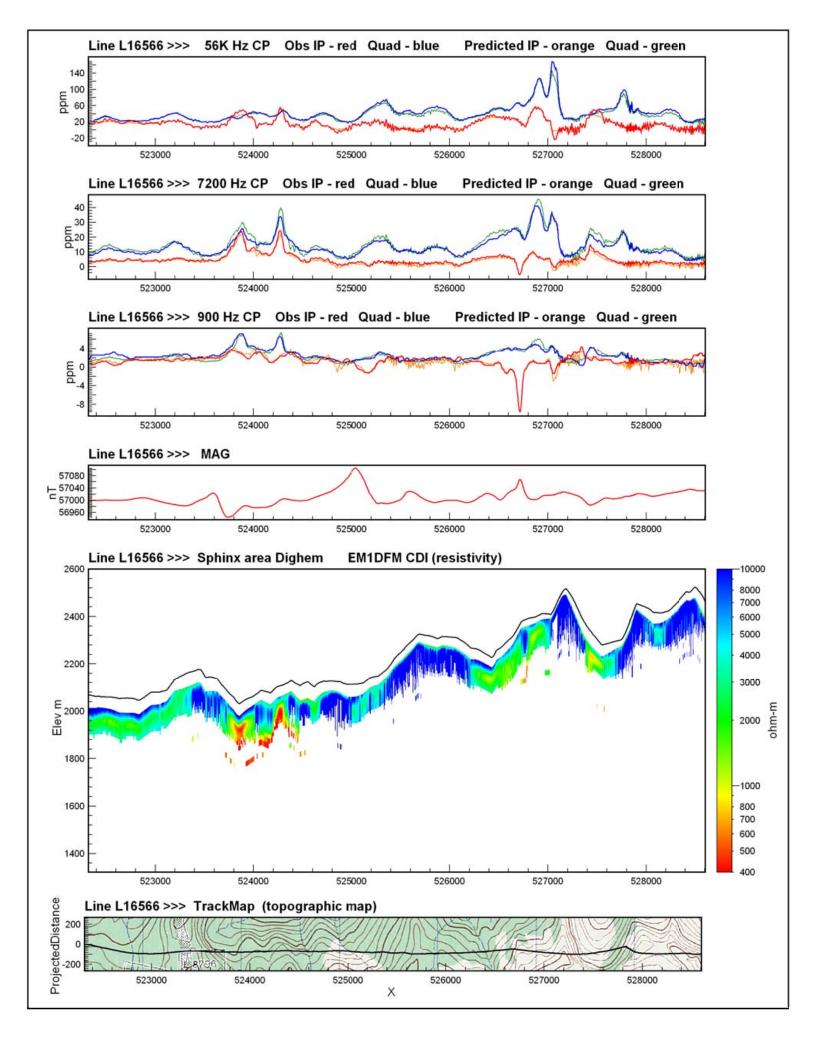


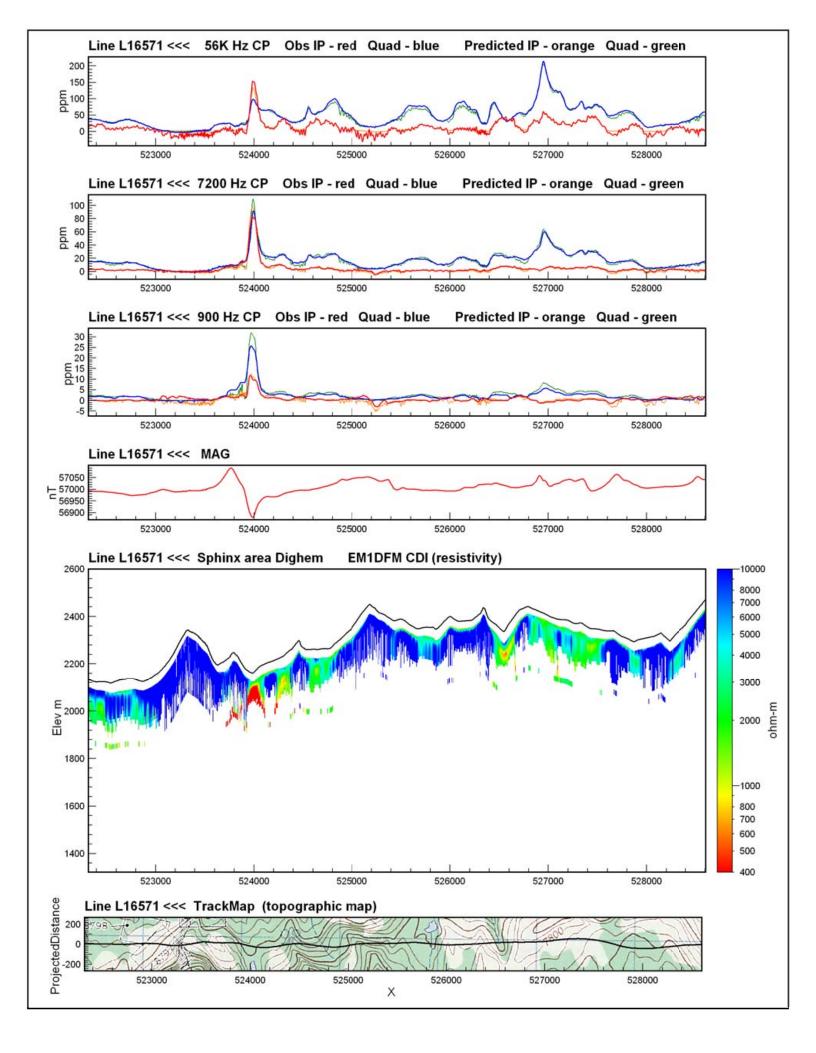


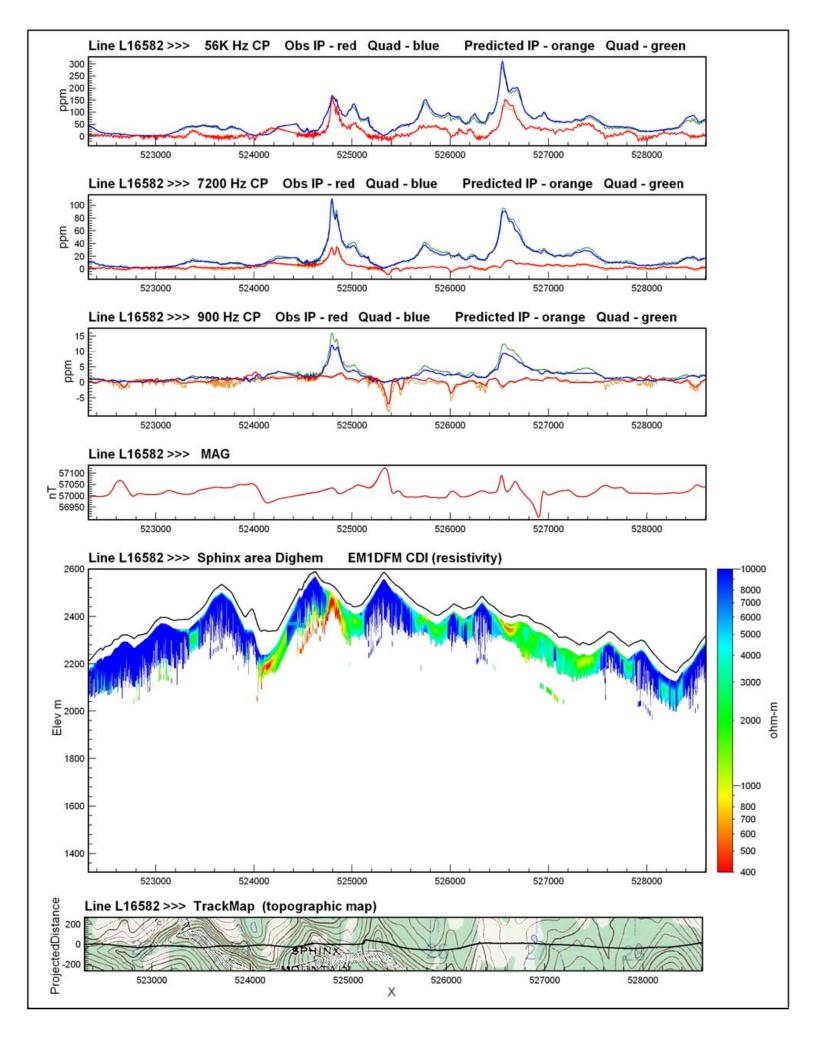












# **APPENDIX II**

# **MOLYBDENUM FACT SHEETS**

2.1 MOLYBDENUM by Micheal J. Magyar from 2004 US Geological Survey Yearbook
2.2 MOLYBDENUM from 2005 US Geological Survey Yearbook
2.3 Molybdenum prices 1998 - Sept 2004
2.4 MOLYBDENUM by Lynda Duchesne from 1996 Canadian Mineral Yearbook
2.5 Mining Journal, August 5, 2005
2.6 Article by Ken Resner from Kitco Base Metals Website
2.7 Article by Mike Hoy from Kitco Base Metals Website

# **APPENDIX 2.1**

# MOLYBDENUM by Micheal J. Magyar from 2004 US Geological Survey Yearbook

# MOLYBDENUM

# By Michael J. Magyar

# Domestic survey data and tables were prepared by Cindy C. Chen, statistical assistant, and the world production table was prepared by Linder Roberts, international data coordinator.

Molybdenum is a refractory metallic element used principally as an alloying agent in cast iron, steel, and superalloys to enhance hardenability, strength, toughness, and wear- and corrosion-resistance. To achieve desired metallurgical properties, molybdenum, primarily in the form of molybdic oxide (MoX) or ferromolybdenum (FeMo), is frequently used in combination with or added to chromium, columbium (niobium), manganese, nickel, tungsten, or other alloy metals. The versatility of molybdenum in enhancing a variety of alloy properties has ensured it a significant role in contemporary industrial technology, which increasingly requires materials that are serviceable under high stress, expanded temperature ranges, and highly corrosive environments. Moreover, molybdenum finds significant use as a refractory metal in numerous chemical applications, including catalysts, lubricants, and pigments. The variety of uses for molybdenum materials, few of which afford acceptable substitution, has resulted in an increase in Western molybdenum consumption to an estimated 144,000 metric tons per year (t/yr) (318 million pounds per year) in 2004 from about 68,000 t/yr (150 million pounds per year) in 1983 (Adams, 2004).

Molybdenum reserves and production capacity were concentrated in a few countries of the world. World mine output was estimated to be 141,000 metric tons (t) (molybdenum contained in concentrate), of which, in descending order of production, the United States, Chile, China, Peru, Canada, and Mexico provided about 93% (table 11). Chile, China, and the United States also held about 85% of the estimated 19 million metric tons (Mt) of molybdenum in the world reserve base.

#### Production

Domestic production data for molybdenum were derived by the U.S. Geological Survey by means of three separate voluntary surveys. These surveys are "Molybdenum Ore and Concentrate" (annual), "Molybdenum Concentrate" (monthly), and "Molybdenum Products and Molybdenum Concentrates" (monthly). Surveys are sent to all eight operations that produce molybdenum ore and products, and all responded, representing 100% of the U.S. production listed in table 1.

In 2004, U.S. mine production of molybdenum concentrate was 41,500 t, about a 24% increase from 33,500 t in 2003. World mine production of molybdenum in 2004 increased to 141,000 t, about an 8% increase from 130,000 t in 2003. The U.S. share of world production was about 29% in 2004. Net production of molybdenum products increased to 24,300 t in 2004 from 11,800 t in 2003 (table 2).

Primary molybdenum production continued at the Henderson Mine in Colorado, the Questa Mine in New Mexico, and the Thompson Creek Mine in Idaho. The Climax Mine in Colorado has been inactive since 1995. Molybdenum was produced as a byproduct of copper production at the Bagdad and Sierrita Mines in Arizona, the Continental Pit in Montana, the Chino Mine in New Mexico, and the Bingham Canyon Mine in Utah. Montana Resources' Continental Pit in Montana resumed operation in November 2003 and made the first shipments of molybdenite concentrate in early 2004 (Platts Metals Week, 2003). The byproduct molybdenum recovery circuit at the Chino Mine was restarted in the fourth quarter and produced a minor amount of concentrate in 2004.

With byproduct molybdenum recovery at a copper mine, all mining costs associated with producing the molybdenum concentrate are allocated to the primary metal (copper). Owing to this cost advantage, byproduct molybdenite recovery from copper circuits at selected porphyry copper mines was estimated to account for 79% of Western and 55% of worldwide molybdenum supply. Phelps Dodge Corp. and Kennecott Utah Copper Corp. increased copper production and byproduct molybdenum recovery, and Montana Resources resumed copper and byproduct molybdenum shipments in 2004. Kennecott Utah Copper increased molybdenum production by more than 35% compared with that of 2003.

Primary molybdenum mines operate in a swing capacity and have a limited ability to change production rate to meet spikes in demand. The Henderson Mine operated at about 75% of its 16,300-t/yr (36- million-pound-per-year) capacity, about a 24%, as compared with that of 2003. The Thompson Creek Mine produced at about 50% of its 9,000-t/yr (20- million-pound-per-year) capacity in 2004, and the Questa Mine continued to operate its mine and mill separately at intervals of about 6 months (Ryan's Notes, 2003). Phelps Dodge Corp. commissioned two 6-month-long studies to determine the economic feasibility of reopening the Climax Mine, but industry sources don't expect Climax to restart until the Henderson deposit in Empire, CO, about 100 kilometers east, is exhausted. Neither Montana Resources nor Questa Molycorp announced expansion plans.

In May, Thompson Creek informed some of its Japanese customers that it would be supplying some of their molybdenum oxide requirements from its U.S. facility rather than from its Endako Mine in Canada (Ryan's Notes, 2004f). The rock slides at Endako earlier in 2004 forced Thompson Creek to mine lower ore grades at the site, and consequently, production was lower than in 2003. Rather than delay shipping to Japan, Thompson Creek was to ship molybdenum oxide from its Langloth, PA, roaster to meet some customer requirements.

Golden Phoenix Minerals, Inc. announced it could begin producing molybdenum by December at its Ashdown project in Nevada. A drill program began in mid-August to confirm past evaluations by other operators that identified a 132,000-t molybdenum resource averaging 2.9% molybdenum and a separate 1.1-Mt gold resource averaging about 0.125 troy ounces per metric ton. Golden Phoenix reported that water pollution control and reclamation permit applications had been submitted to the Nevada Department of

Environmental Protection in August. The permit applications stipulated that about 9,100 t of stockpiled material would be processed in an existing pilot mill to determine flow sheet design for a production mill. Golden Phoenix acquired a pilot test mill and was to deliver and commission the mill within 45 days upon receiving permits to operate (Platts Metals Week, 2004e).

#### Consumption

In 2004, reported consumption (roasting) of molybdenum concentrate was 38,700 t, an increase of about 11,200 t compared with that of 2003. The increase resulted from increased mine production and because molybdenum concentrates from Thompson Creek were roasted domestically in 2004. Domestic mine production of molybdenum concentrate was roasted, exported for conversion, or purified to lubricant-grade molybdenum disulfide. Technical-grade MoX consumption in 2004 was about 4% greater than that of 2003. Oxide was the chief form of molybdenum used by industry, particularly in making full alloy, stainless and tool steel, and superalloys; however, some of the oxide was converted to other molybdenum products, such as ammonium and sodium molybdates, FeMo, high-purity oxide, and metal powder (table 3).

Metallurgical applications continued to dominate molybdenum use in 2004, accounting for more than 82% of total consumption. In 2004, ferromolybdenum accounted for about 38% of the molybdenum-bearing materials used to make steel, a 1% decrease from that of 2003. Nonmetallurgical applications included catalysts, chemicals, lubricants, and pigments. The dominant nonmetallurgical use was in catalysts.

#### Stocks

At yearend, producer plus consumer industry stocks contained about 4,900 t of molybdenum, an increase of about 200 t compared with those at yearend 2003. Inventories of molybdenum in concentrate at mines and plants increased by about 100 t. Producer stocks of molybdenum in such products as FeMo, molybdates, MoX, metal powders, and other types increased by about 100 t compared with those of 2003. Total stocks of about 7,500 t represented about a 23-week supply. Supply was calculated as reported stocks divided by annual consumption (table 1).

#### Prices

Prices were reported in Platts Metals Week in dollars per kilogram of contained molybdenum. The annual time-average prices for 2004 were MoX, \$36.729 per kilogram and FeMo, \$40.452 per kilogram of contained molybdenum, which represented increases of 213% and 209%, respectively, compared with 2003 prices. Molybdenum prices rose steadily in 2004 from January through March, spiked in April, and then rose steadily through November before spiking again in December. The MoX monthly average price ranged from \$17.499 per kilogram in January to \$54.289 per kilogram in November, and the FeMo monthly average price ranged from \$19.304 per kilogram in January to \$57.458 per kilogram in November. In December the MoX monthly average price spiked at \$68.861 per kilogram, and the FeMo price spiked at \$76.500 per kilogram.

In March, molybdenum prices increased sharply in Europe, as output by producers appeared to lag the market (Ryan's Notes, 2004c). The bull market was driven by buyers looking for prompt material, which limited the number of suppliers and carried premium prices. This also meant the buyers had to come back on a regular basis, which kept the market buoyant (Platts Metals Week, 2004f).

In December, for the fourth consecutive month, European ferromolybdenum prices increased, trading in the range of \$75 to \$85 per kilogram in December compared with about \$20 per kilogram in December 2003. The December price rise represented an increase of about 14% more than that of the previous month. Chinese ferromolybdenum prices continued to rise and traded at \$65 per kilogram in December, about \$5 per kilogram more than that of the previous month. Further price hikes were expected in 2005 as Chinese producers compensate for lost revenue owing to the removal of China's export tax rebate (Metal Bulletin Research, 2004c).

In mid-June, Chinese ferromolybdenum traders were concerned by the surge in price of Western ferromolybdenum as Chinese ferromolybdenum ranged from \$31 to \$33 per kilogram, while European ferromolybdenum rose to a range of \$47 to \$52 per kilogram. A U.S.-based trader agreed that a two-tiered market was in place, and a major reason for it was that the European Union (EU) was enlarged by 10 new countries in May. This reportedly had the effect of reducing Chinese ferromolybdenum consumption by the new Eastern European members owing to antidumping duties in place on Chinese ferromolybdenum imports into the EU (Platts Metals Week, 2004c).

#### **Foreign Trade**

In 2004, molybdenum-containing material exports collectively contained about 47,100 t of molybdenum and were valued at \$554 million (table 6). Imports for consumption of molybdenum-containing materials (products) collectively were valued at \$501 million (table 9).

#### **World Industry Structure**

*Capacity.*—As of December 31, U.S. rated capacity, for mines and mills, was estimated to be 75,000 t/yr of contained metal. Rated capacity was defined as the maximum quantity of product that can be produced in a period of time on a normally sustainable long-

term operating rate based on the physical equipment of the plant and given acceptable routine operating procedures involving energy, labor, maintenance, and materials. Capacity included operating plants temporarily closed that can be brought into production within a short period of time with minimal capital expenditure.

*Reserves.*—The U.S. molybdenum reserve base was estimated to be about 5.4 Mt, about 28% of the world molybdenum reserve base. About 90% of U.S. reserves occur in large low-grade porphyry molybdenum deposits mined or anticipated to be mined primarily for molybdenum and as an associated metal sulfide in low-grade porphyry copper deposits. These deposits were in Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, and Utah. Other molybdenum sources contribute insignificantly to U.S. reserves.

Most Canadian reserves of molybdenum were associated with porphyry molybdenum and porphyry copper-molybdenum deposits in British Columbia. Other Canadian reserves were associated with minor copper-molybdenum porphyry deposits in New Brunswick and Quebec.

Molybdenum reserves in Central America and South America were associated mainly with large copper porphyry deposits. Of several such deposits in Chile, the Chuquicamata and El Teniente deposits were among the world's leading deposits and accounted for 85% of molybdenum reserves in Chile. Peru also had substantial reserves, and the La Caridad deposit in Mexico was a leading producer. Numerous other porphyry copper deposits that may contain recoverable quantities of molybdenum have been identified in Central America and South America. Many of these deposits were being actively explored and evaluated and could substantially add to reserves in the future. Reserves of molybdenum in China and the Commonwealth of Independent States were thought to be substantial, but definitive information about the current sources of supply or prospects for future development in these two areas was lacking.

#### World Review

*European Union.*—European converters worked to produce more FeMo. Treibacher Industrie AG said it doubled its usual summer output. Phelps Dodge Corp. closed its Climax Molybdenum facility in Stowmarket, United Kingdom, for 3 weeks, starting the last week in July, to install production upgrades to increase FeMo capacity by 20%. The Stowmarket facility was believed to produce about 1,000 metric tons per month of FeMo. Belgian molybdenum processor Sadaci (a subsidiary of Chile's Molymet) maintained normal production levels at its FeMo unit and its roaster rather than taking its usual summer shutdown (Ryan's Notes, 2004a).

Germany's Steel Federation announced that it planned to open a review of the European Commission's antidumping duty on Chinese molybdenum imports. A duty of 22.5% was placed on Chinese-origin FeMo by the European Commission in January 2002 after a finding that dumping of Chinese material had caused harm to the European FeMo industry. Specialty steelmakers have been adversely affected by the current high prices and limited supply (Metal Bulletin Research, 2004b).

*Armenia.*—Comsup Commodities Inc., a U.S. company, became the holder of 100% of the shares of Agarak Copper-Molybdenum Complex for \$600,000. In compliance with the contract, the company bound itself to invest \$3.5 million for modernizing the facilities and to increase ore production within 2 years. Agarak planned to reach an ore production rate of 2.5 million metric tons per year, its rated capacity, by yearend. Agarak produced 2.3 Mt of ore last year (Metal-Pages, 2004§<sup>1</sup>).

*Canada.*—Roca Mines Inc. announced plans to study two development scenarios for its MAX molybdenum project in southeastern British Columbia, following completion of a resource estimate for the project. Roca planned studies of a fast-track mining and milling operation based on an estimated measured resource of 1.01 Mt grading 1.01% molybdenite at a 0.50% cutoff grade. The company also planned to study a large-scale mining and milling option that would process 2,000 to 3,000 metric tons per day (t/d) of ore from a 9.34-Mt resource grading 0.35% molybdenite at a 0.20% cutoff grade (Platts Metals Week, 2004a).

*Chile.*—Molibdenos y Metales (Molymet), Santiago, announced plans to boost molybdenum concentrate processing capacity at the San Bernardo plant by 18,000 t/yr (40 million pounds per year) and at its Sacaci subsidiary's plant in Ghent, Belgium, by 4,500 t/yr (10 million pounds per year). The expansion in Chile should be completed in 2007, but the expansion in Belgium may not be completed until 2009. Molymet expected to increase its ferromolybdenum conversion capacity in the first half of 2004 by 9,000 t/yr (20 million pounds per year) to about 23,000 t/yr (50 million pounds per year). Molymet produced ferromolybdenum and molybdenum oxide at plants in Belgium, Chile, Germany, and Mexico (Ryan's Notes, 2004d).

Compania Minera Dona Ines de Collahuasi, one of Chile's leading copper producers, approved a \$40 million project to produce molybdenum concentrate from its Collahuasi copper mine in northern Chile. Concentrates will be extracted from the new Rosario deposit owing to much higher molybdenum content in the ore than in the nearby Ujina pit. The plant, to be built at the company's Puerto Patache port facility, is expected to produce 4,500 to 7,000 t/yr of contained molybdenum, depending on ore grade, with production expected to commence in late 2006 (Platts Metals Week, 2004d).

Amerigo Resources Ltd. (Amerigo) received approval to construct a processing plant to extract molybdenum from a copper concentrate produced at Minera Valle Central (MVC) near Santiago (Ryan's Notes, 2004b). MVC recovers copper from tailings discarded from the El Teniente Mine, producing an average of 140 t/d of copper concentrate grading 0.894% molybdenum. Expected molybdenum production would be about 320 t/yr (700,000 pounds per year) contained in concentrate. Amerigo estimated operating costs to be about \$2 per pound.

*China.*—Jinduicheng Molybdenum Mining Corp. acquired a 65% stake in a leading molybdenum mine in Ruyang County, Henan Province. The new mine has a molybdenum concentrate capacity of 600 to 800 t/yr, but was expected to expand to 2,500 to 3,000 t/yr by the end of 2004. Ruyang's molybdenum reserves were estimated to be 400,000 t (Platts Metals Week, 2004b).

Several Chinese molybdenum producers targeted China's domestic market in 2004 in response to the Government's decision to cut the export tax rebate on molybdenum concentrates to 8% from 14%, effective January 1, 2004 (Platts Metals Week, 2004b). This

<sup>&</sup>lt;sup>1</sup>References that include a section mark (§) are found in the Internet References Cited section.

decision, combined with supply disruptions in China and Russia, likely caused molybdenum oxide quotes to rise in 2004. Growing demand from China's stainless steel mills curbed Chinese ferromolybdenum exports to the Asian market, contributing to ferromolybdenum's price rise (Metal Bulletin Research, 2004a).

*Russia.*—Russia retained its 49% share in the Russian-Mongolian copper-and-molybdenum joint-venture Erdenet Mining Corporation. Erdenet has developed several ore deposits, which make up several fields, and is a leading Mongolian producer of raw copper. Reserves in the northwest mining sector are estimated to be 6 Mt of copper and 170,000 t of molybdenum. The company was attempting to raise processing capacity in 2004 and was considering building a 25,000-t/yr copper cathode plant (Metal Pages, 2003§).

#### Outlook

Phelps Dodge Corp. announced that it expected to achieve full capacity production at its Bagdad concentrator by the end of the second quarter of 2004 and at its Sierrita concentrator by the fourth quarter of 2004. Phelps Dodge expected to produce about 13,600 t (30 million pounds) of molybdenum concentrate in 2004 from the two operations, a slight increase from that in 2003. While achieving full capacity production at the two mines depended on the ore grades being mined, the output numbers showed that Phelps Dodge operated at about 80% of its historical high in 2004 (Ryan's Notes, 2004e). The Henderson Mine was expected to produce according to plan at about 12,700 t (28 million pounds) of molybdenum.

Growth in the production of stainless steel in China, Europe, and India was expected to continue, leading to strong molybdenum demand. The International Stainless Steel Forum had predicted that growth in Europe for 2004 would reach an estimated 5%. However, output increased sharply in the second half of the year, making it likely that the industry exceeded this target. In a separate development, China's National Development and Reform Commission completed a new policy for the Chinese steel industry, which is awaiting state approval. The policy is structured to increase the volume of high-technology flat products, which should reduce China's dependence on imported goods. This should have a positive effect on existing and planned stainless steel plants in China. In India, Jindal announced plans to expand its existing operations to 750,000 t/yr for hot rolling and 250,000 t/yr for cold rolling facilities. Currently, the company exports approximately 50% of its stainless steel output, predominantly to China (Metal Bulletin Research, 2004d).

Because of abundant resources and adequate production capacity in Chile, China, the United States, and other countries, world producers expected to readily meet the future requirement for molybdenum. The principal use for molybdenum will continue to be in chemicals and catalysts and as an additive in steel manufacturing in general, most importantly alloy and stainless steel.

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 TABLE 1

 SALIENT MOLYBDENUM STATISTICS<sup>1</sup>

		2000	2001	2002	2003	2004
United States:						
Concentrate, Mo content:						
Production r	netric tons	40,900	37,600	32,300 <sup>r</sup>	33,500	41,500
Shipments:						
Quantity	do.	40,400	37,000	32,300	33,600	42,000
Value	thousands	\$210,000	\$192,000	\$232,000	\$324,000	\$1,420,000
Reported consumption <sup>2</sup> r	netric tons	33,800	33,300	21,200	27,500	38,700
Imports for consumption	do.	6,120	6,010	4,710	5,190	8,780
Stocks, December 31, Mo conter	nt:					
Concentrate, mine and plant	do.	4,030	4,210	3,870	2,520	2,610
Product producers <sup>3</sup>	do.	5,360	5,600	4,300	2,760	2,840
Consumers	do.	2,050	869	1,800	1,900 <sup>r</sup>	2,030
Total	do.	11,400	10,700	9,970	7,180 <sup>r</sup>	7,480
Primary products, Mo content:						
Production	do.	42,900	40,300	31,300	41,400	66,300
Shipments	do.	34,600	32,600	27,500	30,100	39,300
Reported consumption	do.	18,300	15,800	15,300	16,400 <sup>r</sup>	17,400
World, mine production, Mo conte	ent do.	135,000 <sup>r</sup>	132,000 <sup>r</sup>	121,000	130,000 r	141,000 <sup>e</sup>

<sup>e</sup>Estimated. <sup>r</sup>Revised.

<sup>1</sup>Data are rounded to no more than three significant digits; may not add to totals shown.

<sup>2</sup>Molybdenum concentrates roasted to make molybdenum oxide.

<sup>3</sup>Includes ammonium, calcium, and sodium molybdate; briquets; ferromolybdenum; molybdenum hexacarbonyl; molybdenum metal; molybdenum pentachloride; molybdic acid; pellets; phosphomolybdic disulfide; and technical and purified molybdic oxide.

#### TABLE 2

#### PRODUCTION, SHIPMENTS, AND STOCKS OF MOLYBDENUM PRODUCTS IN THE UNITED STATES<sup>1</sup>

#### (Metric tons of contained Mo)

	Metal powder		Other <sup>2</sup>		Total	
	2003	2004	2003	2004	2003	2004
Received from other producers			16,800	15,100	16,800	15,100
Gross production during year	3,490	4,210	37,900	62,000	41,400	66,300
Molybdenum products used to make other products	2,730	3,340	26,900	38,600	29,600	42,000
Net production	760	868	11,000	23,400	11,800	24,300
Shipments	739	889	29,300	38,500	30,100	39,300
Producer stocks, December 31	194	172	2,570	2,660	2,760	2,840

-- Zero.

<sup>1</sup>Data are rounded to no more than three significant digits; may not add to totals shown.

<sup>2</sup>Includes ammonium, calcium, and sodium molybdate; ferromolybdenum; molybdenum disulfide; molybdenum hexacarbonyl; molybdenum metal; molybdenum pentachloride; molybdic acid; molybdic oxides; pellets; and phosphomolybdic acid.

#### TABLE 3

#### U.S. REPORTED CONSUMPTION, BY END USES, AND CONSUMER STOCKS OF MOLYBDENUM MATERIALS<sup>1</sup>

#### (Kilograms of contained Mo)

	Molybdic		Ammonium and	Molybdenum		
End use	oxides	Ferromolybdenum <sup>2</sup>	sodium molybdate	scrap	Other	Total
2003:						
Steel:						
Carbon	239,000	350,000			W	589,000
High-strength low-alloy	365,000	124,000			W	489,000
Stainless and heat-resisting	2,430,000	830,000		11,800	160,000	3,430,000
Full alloy	1,330,000	1,920,000			18,500	3,270,000
Tool	577,000	W		546		577,000
Total	4,950,000	3,230,000		12,400	178,000	8,360,000
Cast irons (gray, malleable, ductile iron)	W	995,000 <sup>r</sup>			27,000	1,020,000
Superalloys	676,000	19,500		(3)	1,250,000	1,950,000
Alloys (other than steels, cast irons, superalloys):						
Welding materials (structural and hard-facing)		43,600			424	44,000
Other alloys	W	34,600		882	1,140	36,700
Mill products made from metal powder <sup>4</sup>					1,090,000	1,090,000
Cemented carbides and related products <sup>5</sup>					79	79
Chemical and ceramic uses:						
Pigments	W		235,000			235,000
Catalysts	1,730,000		200,000 W		179,000	1,910,000
Other					14,400	14,400
Miscellaneous and unspecified uses:					14,400	14,400
Lubricants					289,000	289,000
Other	214,000	99,200	888,000		206,000	1,410,000
Grand total	7,570,000	4,420,000 r	1,120,000	13,200	3,240,000	16,400,000
	460,000	4,420,000 <sup>r</sup>				
Stocks, December 31 2004:	460,000	478,000	41,100	51,300	866,000	1,900,000
Steel:	262.000	278.000			117	740.000
Carbon	362,000	378,000			W	740,000
High-strength low-alloy	426,000	168,000			W	594,000
Stainless and heat-resisting	2,630,000	836,000		22,700	117,000	3,610,000
Full alloy	1,760,000	2,200,000			18,100	3,980,000
Tool	603,000	W		442		604,000
Total	5,790,000	3,580,000		23,100	135,000	9,520,000
Cast irons (gray, malleable, ductile iron)	W	920,000			27,000	947,000
Superalloys	948,000	19,500		(3)	1,400,000	2,360,000
Alloys (other than steels, cast irons, superalloys):						
Welding materials (structural and hard-facing)		68,000			733	68,700
Other alloys	W	28,000		913	1,050	30,000
Mill products made from metal powder <sup>4</sup>					1,420,000	1,420,000
Cemented carbides and related products <sup>5</sup>					46	46
Chemical and ceramic uses:						
Pigments	W		207,000			207,000
Catalysts	1,010,000		W		179,000	1,190,000
Other					14,500	14,500
Miscellaneous and unspecified uses:						
Lubricants					350,000	350,000
Other	114,000	78,900	889,000		187,000	1,270,000
Grand total	7,860,000	4,690,000	1,100,000	24,000	3,710,000	17,400,000
Stocks, December 31	464,000	656,000	16,800	17,200	880,000	2,030,000

<sup>r</sup>Revised. W Withheld to avoid disclosing company proprietary data; included with "Other" of the "Miscellaneous and unspecified uses" category. -- Zero. <sup>1</sup>Data are rounded to no more than three significant digits; may not add to totals shown.

<sup>2</sup>Includes calcium molybdate.

<sup>3</sup>Included with "Superalloys, other alloys."

<sup>4</sup>Includes construction, mining, oil and gas, and metal working machinery.

<sup>5</sup>Includes ingot, wire, rod, and sheet.

TABLE 4 U.S. EXPORTS OF MOLYBDENUM PRODUCTS, BY PRODUCT AND COUNTRY<sup>1</sup>

		2003		200	)4
		Quantity	Value	Quantity	Value
Product and country	HTS <sup>2</sup> code	(metric tons)	(thousands)	(metric tons)	(thousands)
Oxides and hydroxides, gross weight:	2825.70.0000				
Brazil		3	\$46	(3)	\$3
Canada		1,560	13,300	2,340	23,100
Japan		123	1,360	661	12,500
Mexico		59	383	3	56
Other		837	4,840	2,280	44,700
Total		2,580	20,000	5,280	80,300
Molybdates all, gross weight:	2841.70.0000				
Australia		10	110	14	131
Brazil		(3)	4	6	117
Canada		574	3,060	845	5,800
Colombia		10	91	6	41
Honduras		2	12		
Japan		332	3,360	279	2,650
Korea, Republic of		36	346	3	43
Mexico		262	3,390	370	5,240
Netherlands		1,000	5,870	876	13,400
Taiwan		25	177	6	113
Other		20	261	278	955
Total		2,270	16,700	2,680	28,500
Ferromolybdenum, contained weight: <sup>4</sup>	7202.70.0000				
Canada		547	7,690	870	18,700
Mexico		43	688	34	1,130
Netherlands		26	255		
Other		1	21	21	1,400
Total		617	8,660	925	21,200
Molybdenum other, gross weight: <sup>5</sup>	Various <sup>6</sup>				
Australia		10	156 <sup>r</sup>	(3)	43
Brazil		59	1,730	89	3,680
Canada		69	2,030	77	2,850
France		25	1,060	42	1,770
Germany		66	1,510	100	3,970
Hungary		5	158	84	3,180
India		29	752	37	1,520
Italy		8	322	25	1,010
Japan		238	6,990	442	22,800
Mexico		14	1,000	13	1,270
Netherlands		42	1,550	24	1,760
Spain		7	189 <sup>r</sup>	14	717
Sweden		2	144 <sup>r</sup>	24	461
Taiwan		117	2,200	101	4,140
United Kingdom		279	4,230	246	7,690
Other		87	4,440 <sup>r</sup>	203	9,150
Total		1,060	28,500	1,520	66,000

<sup>r</sup>Revised. -- Zero.

<sup>1</sup>Data are rounded to no more than three significant digits; may not add to totals shown.

<sup>2</sup>Harmonized Tariff Schedule of the United States.

<sup>3</sup>Less than <sup>1</sup>/<sub>2</sub> unit.

<sup>4</sup>Ferromolybdenum contains about 60% to 65% molybdenum.

<sup>5</sup>Includes powder, unwrought, waste and scrap, wire, wrought, and other.

<sup>6</sup>Includes HTS codes 8102.10.0000, 8102.94.0000, 8102.97.0000, 8102.96.0000, 8102.95.0000, and 8102.99.0000.

# TABLE 5 U.S. EXPORTS OF MOLYBDENUM ORE AND CONCENTRATES (INCLUDING ROASTED AND OTHER CONCENTRATES), BY COUNTRY<sup>1</sup>

	200	3	2004			
	Quantity		Quantity			
	(metric tons of	Value	(metric tons of	Value		
Country	contained Mo)	(thousands)	contained Mo)	(thousands)		
Australia	102	\$1,200	30	\$322		
Austria			1,310	\$6,460		
Belgium	3,190	30,200	6,470	57,900		
Brazil	43	484	31	462		
Canada	910	5,080	1,370	14,700		
Chile	368	4,470	1,380	23,100		
China	83	254	36	98		
Costa Rica	23	46	27	67		
Finland			638	3,990		
Germany	1	4	295	1,000		
Japan	2,000	21,200	5,730	26,000		
Korea, Republic of	61	675	95	890		
Mexico	3,730	17,300	3,910	26,500		
Netherlands	10,900	60,900	14,100	125,000		
Slovenia			815	3,610		
Spain	- 4	57	765	3,760		
Sweden	26	228	38	650		
United Kingdom	7,880	49,500	8,910	61,000		
Other	206 r	2,390 r	279	1,760		
Total	29,500	194,000	46,200	358,000		

<sup>r</sup>Revised. -- Zero.

<sup>1</sup>Data are rounded to no more than three significant digits; may not add to totals shown.

TABLE 6	
U.S. EXPORTS OF MOLYBDENUM PRODUCTS	1

			2003			2004	
		Gross weight	Contained Mo	Value	Gross weight	Contained Mo	Value
Item	$HTS^2$ code	(metric tons)	(metric tons)	(thousands)	(metric tons)	(metric tons)	(thousands)
Molybdenum ore and concentrates, roasted	2613.10.0000	NA	18,100	\$116,000	NA	33,800	\$237,000
Molybdenum ore and concentrates, other	2613.90.0000	NA	11,400	78,500	NA	12,400	121,000
Molybdenum chemicals:							
Oxides and hydroxides	2825.70.0000	2,580	NA	20,000	5,280	NA	80,300
Molybdates, all	2841.70.0000	2,270	NA	16,700	2,680	NA	28,500
Ferromolybdenum	7202.70.0000	1,030	617	8,660	1,540	925	21,200
Molybdenum powders	8102.10.0000	308	NA	6,770	478	NA	18,200
Molybdenum unwrought, bars and rods	8102.94.0000	94	NA	2,160	181	NA	3,510
Molybdenum waste and scrap	8102.97.0000	294	NA	2,370	216	NA	4,330
Molybdenum wire	8102.96.0000	111	NA	4,730	177	NA	8,540
Molybdenum, other	Various <sup>3</sup>	252	NA	12,400	469	NA	31,400
Total		6,940	30,100	268,000	11,000	47,100	554,000

NA Not available.

<sup>1</sup>Data are rounded to no more than three significant digits; may not add to totals shown.

<sup>2</sup>Harmonized Tariff Schedule of the United States.

 $^3 Includes \,HTS$  codes 8102.95.0000 and 8102.99.0000.

TABLE 7
U.S. IMPORTS OF MOLYBDENUM PRODUCTS, BY PRODUCT AND COUNTRY <sup>1</sup>

		20	03	20	04
		Quantity	Value	Quantity	Value
Product and country	$HTS^2$ code	(metric tons)	(thousands)	(metric tons)	(thousands)
Oxides and hydroxides, gross weight:	2825.70.0000				
Belgium	_	9	\$66		
Chile	_	279	2,570	231	\$6,270
China		664	4,600	216	3,600
Kyrgyzstan		151	775		
Russia				36	499
Other	_	196	1,600	339	5,460
Total		1,300	9,600	822	15,800
Molybdates all, contained weight:	Various <sup>3</sup>				
Belgium	_	6	188		
Canada	_	12	93	2	33
Chile	_	575	7,630	850	11,400
China	_	468	4,440	425	5,770
Germany	_	7	95	140	2,120
Other		13	167	27	477
Total		1,080	12,600	1,440	19,800
Molybdenum orange, gross weight:	3206.20.0020		,	, -	
Canada		871	4,030	945	4,520
Colombia		46	121	43	86
Korea, Republic of	_	1	4		
Mexico	_	22	50	28	65
Philippines	_	1	4		
United Kingdom	_	20	13		
Other	_	25	87	17	89
Total	_	987	4,310	1,030	4,760
Ferromolybdenum, contained weight: <sup>4</sup>	7202.70.0000		4,510	1,050	4,700
Belgium		62	509	12	719
Canada	_	14	185	44	1,370
Chile	_	13	153	116	3,860
China	_	3,400	35,000	4,850	148,000
Korea, Republic of	_			4,850	560
	-		1,630	231	
United Kingdom Other	-	198	1,030	35	2,520
	_	-			811
Total	5	3,690	37,500	5,310	158,000
Other, gross weight:	Various <sup>5</sup>	140	5 4 4 0	2(9	14 200
Austria	_	149	5,440	268	14,200
Canada	_	(6)	16	33	852
China	_	345	4,330	265	7,250
Germany	_	61	1,320	32	2,580
Hong Kong	_	41	346	21	415
Japan	_	28	1,190	87	3,640
Korea, Republic of	_			(6)	8
Russia	_	19	1,110	90	2,600
United Kingdom	_	10	272	16	599
Other	_	60	1,410	84	2,240
Total		712 <sup>r</sup>	15,400	896	34,300

<sup>r</sup>Revised. -- Zero.

<sup>1</sup>Data are rounded to no more than three significant digits; may not add to totals shown.

<sup>2</sup>Harmonized Tariff Schedule of the United States.

<sup>3</sup>Includes HTS codes 2841.70.1000 and 2841.70.5000.

 $^4Ferromolybdenum$  contains about 60% to 65% molybdenum.

<sup>5</sup>Includes HTS codes 8102.10.0000, 8102.94.0000, 8102.95.3000, 8102.95.6000, 8102.96.0000, 8102.97.0000, and 8102.99.0000. <sup>6</sup>Less than ½ unit.

# TABLE 8 U.S. IMPORTS OF MOLYBDENUM ORE AND CONCENTRATES (INCLUDING ROASTED AND OTHER CONCENTRATES), BY COUNTRY<sup>1</sup>

	200	3	2004			
	Quantity		Quantity			
	(metric tons of	Value	(metric tons of	Value		
Country	contained Mo)	(thousands)	contained Mo)	(thousands)		
Belgium	22	\$172				
Canada	2,580	23,600	2,680	\$76,900		
Chile	280	3,270	3,570	110,000		
China	57	513	18	608		
Italy			5	38		
Japan	3	15	5	38		
Mexico	2,250	23,700	2,210	70,300		
Netherlands			37	217		
Other			258	9,300		
Total	5,190	51,300	8,780	268,000		

-- Zero.

<sup>1</sup>Data are rounded to no more than three significant digits; may not add to totals shown.

TABLE 9
U.S. IMPORTS FOR CONSUMPTION OF MOLYBDENUM PRODUCTS <sup>1</sup>

			2003			2004	
		Gross weight	Contained Mo	Value	Gross weight	Contained Mo	Value
Item	$HTS^2$ code	(metric tons)	(metric tons)	(thousands)	(metric tons)	(metric tons)	(thousands)
Molybdenum ore and concentrates, roasted	2613.10.0000	6,310	3,960	\$41,800	7,580	4,720	\$133,000
Molybdenum ore and concentrates, other	2613.90.0000	2,870	1,230	9,570	9,330	4,070	135,000
Molybdenum chemicals:							
Oxides and hydroxides	2825.70.0000	1,300	NA	9,600	822	NA	15,800
Molybdates, all	Various <sup>3</sup>	1,940	1,080	12,600	2,200	1,440	19,800
Molybdenum orange	3206.20.0020	987	NA	4,310	1,030	NA	4,760
Ferromolybdenum	7202.70.0000	5,740	3,690	37,500	8,310	5,310	158,000
Molybdenum powders	8102.10.0000	57	43	1,950	139	95	4,930
Molybdenum unwrought, bars and rods	8102.94.0000	139	136	1,680	151	151	3,520
Molybdenum waste and scrap	8102.97.0000	425	388	4,900	454	415	10,200
Molybdenum wire	8102.96.0000	11	NA	751	20	NA	2,010
Molybdenum, other	Various <sup>4</sup>	80	NA	6,160	132	NA	13,700
Total		19,900	10,500	131,000	30,200	16,200	501,000

NA Not available.

<sup>1</sup>Data are rounded to no more than three significant digits; may not add to totals shown.

<sup>2</sup>Harmonized Tariff Schedule of the United States.

<sup>3</sup>Includes HTS codes 2841.70.1000 and 2841.70.5000.

<sup>4</sup>Includes HTS codes 8102.95.3000, 8102.95.6000, and 8102.99.0000.

 TABLE 10

 MOLYBDENUM-PRODUCING MINES IN THE UNITED STATES IN 2004

State and mine	County	Operator	Source of molybdenum
Arizona:			
Bagdad	Yavapai	Phelps Dodge Corp.	Copper-molybdenum ore, concentrated.
Sierrita	Pima	do.	Do.
Colorado, Henderson	Clear Creek	do.	Molybdenum ore, concentrated.
Idaho, Thompson Creek	Custer	Thompson Creek Metals Co.	Do.
Montana, Continental Pit	Silver Bow	Montana Resources	Copper-molybdenum ore, concentrated.
New Mexico:			
Chino	Grant	Chino Mines Co.	Do.
Questa	Taos	Molycorp, Inc.	Molybdenum ore, concentrated.
Utah, Bingham Canyon	Salt Lake	Kennecott Utah Copper Corp.	Copper-molybdenum ore, concentrated.

# TABLE 11 MOLYBDENUM: WORLD MINE PRODUCTION, BY COUNTRY<sup>1, 2</sup>

#### (Metric tons of contained molybdenum)

Country <sup>3</sup>	2000	2001	2002	2003	2004 <sup>e</sup>
Armenia	3,820 <sup>r</sup>	2,943 <sup>r</sup>	2,884 <sup>r</sup>	2,763 <sup>r</sup>	2,950
Canada	7,457	8,556	7,953 <sup>r</sup>	8,887 <sup>r</sup>	5,681 <sup>p</sup>
Chile	33,639 <sup>r</sup>	33,492	29,467 <sup>r</sup>	33,375 <sup>r</sup>	41,483 4
China <sup>e</sup>	28,800	28,200	29,300	31,000 <sup>r</sup>	29,000
Iran <sup>e</sup>	1,600	1,500	1,400	1,400	1,500
Kazakhstan	215	225	230	230	230
Kyrgyzstan <sup>e</sup>	250	250	250	250	250
Mexico	6,886	5,518	3,428	3,524 <sup>r</sup>	3,730 <sup>p</sup>
Mongolia	1,335	1,514	1,590	1,793 <sup>r</sup>	1,650
Peru	7,193	9,499	8,613 <sup>r</sup>	9,561 <sup>r</sup>	9,600
Russia <sup>e</sup>	2,400	2,600	2,900	2,900	2,900
United States	40,900	37,600	32,300 <sup>r</sup>	33,500	41,500
Uzbekistan <sup>e</sup>	500	500	500	500	500
Total	135,000 <sup>r</sup>	132,000 <sup>r</sup>	121,000	130,000 r	141,000

<sup>e</sup>Estimated. <sup>p</sup>Preliminary. <sup>r</sup>Revised.

<sup>1</sup>World totals, U.S. data, and estimated data are rounded to no more than three significant digits; may not add to totals shown.

<sup>2</sup>Table includes data available through July 13, 2005.

<sup>3</sup>In addition to the countries listed, North Korea, Romania, and Turkey are believed to produce molybdenum, but output is not reported quantitatively, and available general information is inadequate to make reliable estimates of output levels.

<sup>4</sup>Reported figure.

# **APPENDIX 2.2**

# MOLYBDENUM from 2005 US Geological Survey Yearbook

# MOLYBDENUM

(Data in metric tons of molybdenum content unless otherwise noted)

**Domestic Production and Use:** In 2004, molybdenum, valued at about \$1.18 billion (based on average oxide price), was produced by seven mines. Molybdenum ore was produced at three primary molybdenum mines, one each in Colorado, Idaho, and New Mexico, whereas four copper mines (two in Arizona, one each in Montana and Utah) recovered molybdenum as a byproduct. Three roasting plants converted molybdenite (MoS<sub>2</sub>) concentrate to molybdic oxide, from which intermediate products, such as ferromolybdenum, metal powder, and various chemicals, were produced. Iron and steel, cast and wrought alloy, and superalloy producers accounted for about 75% of the molybdenum consumed.

Salient Statistics—United States:	2000	2001	2002	<u>2003</u>	<u>2004<sup>e</sup></u>
Production, mine	40,900	37,600	32,300	33,600	39,900
Imports for consumption	15,000	12,800	11,500	11,900	15,900
Exports	27,900	31,500	23,800	35,700	54,100
Consumption:					
Reported	18,300	15,800	15,300	15,700	16,800
Apparent	28,600	19,600	20,700	12,800	1,700
Price, average value, dollars per kilogram <sup>1</sup>	5.64	5.20	8.27	11.65	29.67
Stocks, mine and plant concentrates,					
product, and consumer materials	11,400	10,700	10,000	6,900	6,900
Employment, mine and plant, number	618	518	489	510	568
Net import reliance <sup>2</sup> as a percentage of					
apparent consumption	E	E	E	E	E

**<u>Recycling</u>**: Molybdenum in the form of molybdenum metal or superalloys was recovered, but the amount was small. Although molybdenum is not recovered from scrap steel, recycling of steel alloys is significant, and some molybdenum content is reutilized. The amount of molybdenum recycled as part of new and old steel and other scrap may be as much as 30% of the apparent supply of molybdenum.

Import Sources (2000-03): Ferromolybdenum: China, 78%; United Kingdom, 20%; and other, 2%. Molybdenum ores and concentrates: Mexico, 58%; Canada, 38%; Chile, 2%; and other, 2%.

<u>Tariff</u> : Item	Number	Normal Trade Relations 12-31-04
Molybdenum ore and concentrates, roasted	2613.10.0000	12.8¢/k <u>g + 1.8%</u> ad val.
Molybdenum ore and concentrates, other	2613.90.0000	17.8¢/kg.
Molybdenum chemicals:		_
Molybdenum oxides and hydroxides	2825.70.0000	3.2% ad val.
Molybdates of ammonium	2841.70.1000	4.3% ad val.
Molybdates, all others	2841.70.5000	3.7% ad val.
Molybdenum pigments:		
Molybdenum orange	3206.20.0020	3.7% ad val.
Ferroalloys:		
Ferromolybdenum	7202.70.0000	4.5% ad val.
Molybdenum metals:		
Powders	8102.10.0000	9.1¢/kg + 1.2% ad val.
Unwrought	8102.94.0000	13.9¢/kg + 1.9% ad val.
Wrought bars and rods	8102.95.3000	6.6% ad val.
Wrought plates, sheets, strips, etc.	8102.95.6000	6.6% ad val.
Wire	8102.96.0000	4.4% ad val.
Waste and scrap	8102.97.0000	Free.
Other	8102.99.0000	3.7% ad val.

Depletion Allowance: 22% (Domestic); 14% (Foreign).

Government Stockpile: None.

## MOLYBDENUM

**Events, Trends, and Issues:** U.S. mine output of molybdenum in 2004 increased about 19% from that of 2003. U.S. imports for consumption increased an estimated 34% from those of 2003, while the U.S. exports increased 51% from those of 2003. The increase in exports reflects the return to full production levels by the end of 2004 by some copper companies after reduced byproduct molybdenum production in 2003. U.S. reported consumption increased 7% from that of 2003. Mine capacity utilization was about 53%.

China continued its high level of steel production and consumption, thus providing a stable demand for molybdenum. Strong copper prices and a deficit of refined copper allowed the Bagdad and Sierrita Mines in Arizona to return to full production capacity, thus increasing byproduct molybdenum production. The Continental Pit operation in Butte, MT, resumed mining activities and was expected to produce about 3,200 tons (7 million pounds) of molybdenum in 2004. With the continuing high price of nickel-bearing stainless steel in 2004, consumers increasingly considered use of duplex stainless steel, with higher molybdenum content.

World Mine Production, R	eserves, and Res	erve Base:		
	Mine p	production	Reserves <sup>3</sup>	Reserve base <sup>3</sup>
	2003	<u>2004<sup>e</sup></u>	(thousand	d metric tons)
United States	33,600	39,900	2,700	5,400
Armenia	3,500	3,500	200	400
Canada	7,500	9,700	450	910
Chile	30,000	33,400	1,100	2,500
China	30,600	31,000	3,300	8,300
Iran	1,400	1,400	50	140
Kazakhstan	230	230	130	200
Kyrgyzstan	250	250	100	180
Mexico	3,500	3,500	90	230
Mongolia	1,600	1,700	30	50
Peru	9,600	11,000	140	230
Russia <sup>e</sup>	2,900	2,900	240	360
Uzbekistan <sup>e</sup>	500	500	60	<u> </u>
World total (rounded)	125,000	139,000	8,600	19,000

<u>World Resources</u>: Identified resources amount to about 5.4 million tons of molybdenum in the United States and about 13 million tons in the rest of the world. Molybdenum occurs as the principal metal sulfide in large low-grade porphyry molybdenum deposits and as an associated metal sulfide in low-grade porphyry copper deposits. Resources of molybdenum are adequate to supply world needs for the foreseeable future.

**Substitutes:** There is little substitution for molybdenum in its major application as an alloying element in steels and cast irons. In fact, because of the availability and versatility of molybdenum, industry has sought to develop new materials that benefit from the alloying properties of the metal. Potential substitutes for molybdenum include chromium, vanadium, columbium (niobium), and boron in alloy steels; tungsten in tool steels; graphite, tungsten, and tantalum for refractory materials in high-temperature electric furnaces; and chrome-orange, cadmium-red, and organic-orange pigments for molybdenum orange.

<sup>e</sup>Estimated. E Net exporter.

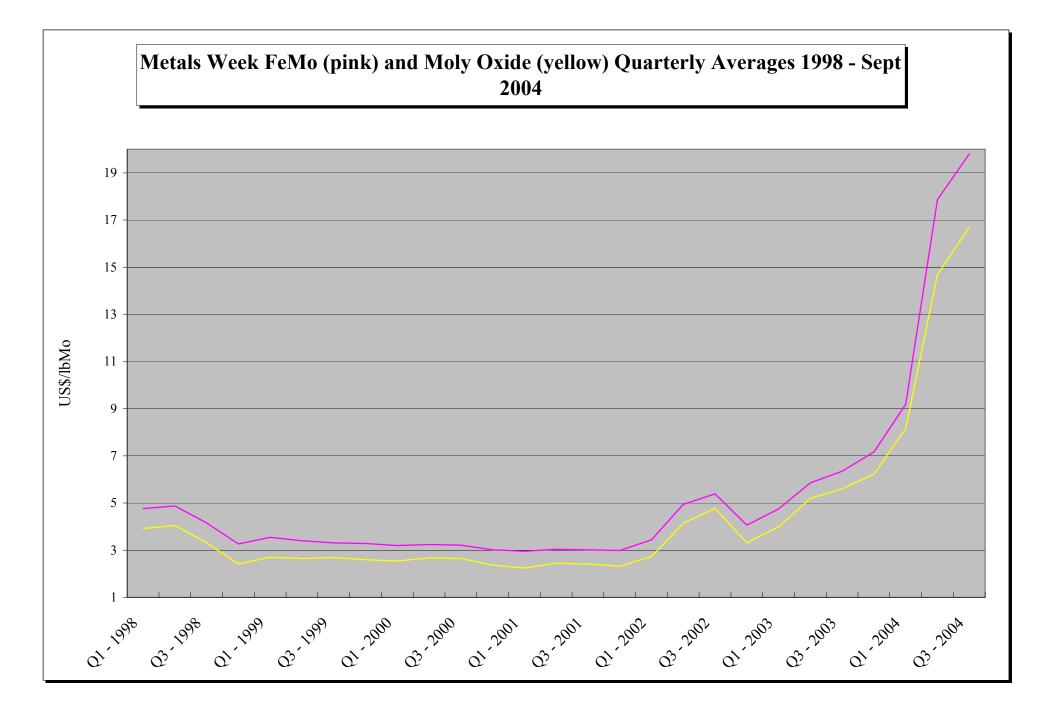
<sup>1</sup>Time-average price per kilogram of molybdenum contained in technical-grade molybdic oxide, as reported by Platts Metals Week.

<sup>2</sup>Defined as imports – exports + adjustments for Government and industry stock changes.

<sup>&</sup>lt;sup>3</sup>See Appendix C for definitions.

# **APPENDIX 2.3**

Molybdenum prices 1998 - Sept 2004



# **APPENDIX 2.4**

MOLYBDENUM by Lynda Duchesne from 1996 Canadian Mineral Yearbook

# Molybdenum

#### Lynda Duchesne

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# SUMMARY

At the beginning of 1995, molybdenum prices were at their highest level in 15 years due to a supply shortage. In January 1994, as reported by Metals Week, dealer oxide (MoO<sub>3</sub>) prices were around US\$6.00/kg of contained molybdenum, and they had increased to about US\$30/kg by year-end. The prices reached their peak of US\$34.17/kg in January 1995 and, during the first quarter of the year, stayed exceptionally high, but then decreased gradually to US\$9.26/kg by the end of December. In 1996, prices started the year at US\$9.26/kg and finished the year at US\$9.04/kg.

Sales earnings for 1995 were considerably higher than in 1994 for all molybdenum producers. This important revenue increase was attributable to sharply higher molybdenum prices in 1995. In 1996, prices were back to "normal" compared to the exceptionally high prices of early 1995.

During 1995, many "dormant" projects were reviewed: Cyprus Amax Minerals Company temporarily restarted the Climax primary molybdenum mine in Colorado and boosted production at the Henderson mine; ASARCO Incorporated restarted its by-product molybdenum recovery circuit at its Mission copper mine in Arizona; and Molycorp, Inc. re-opened the Questa primary mine in New Mexico.

# **CANADIAN DEVELOPMENTS**

Canada is the fourth largest producer of molybdenum in the world after the United States, China and Chile. In 1996, Canadian companies produced approximately 8845 t of contained molybdenum in the form of molybdenum ore and concentrate, which was down from the 9113 t produced in 1995 and the 9759 t produced in 1994. The production decrease in 1996 was a combined result of the closure of the Island Copper mine and the lower grade of ore being mined. The value of production was \$113 million in 1994; it jumped to \$203 million in 1995, and then fell back to approximately \$103 million in 1996.

In 1995, Canadian molybdenum consumption remained at the same level as in 1994 after gradually increasing over a five-year period. Compared to 1990 levels, the 2000 t consumed in 1995 represented an increase of 69% (Figure 1).

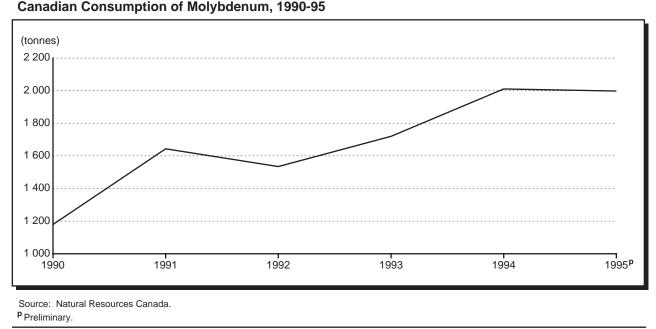
In 1995, 98% of Canadian molybdenum exports were sold as ore and concentrate (mainly roasted) and 1% as ferromolybdenum. Total exports of all types of molybdenum, which have averaged 9400 t/y since 1993, will be lower in 1996 at about 8700 t. The largest market for Canadian molybdenum is Japan followed by the United States.

The volume of imports is less important than exports in Canadian molybdenum trade. However, imports increased considerably between 1993 and 1995 from 2000 t to 4500 t respectively. Imports for 1996 will decrease to about 3600 t. Canadian imports were split among roasted concentrate, oxides, and ferromolybdenum, which was the major type of molybdenum imported in 1995 and 1996. Canada imports most of its molybdenum from the United States. In 1995, Canada increased its imports by 127% compared to 1993 while, for the same period, Canadian exports fell by 8%.

Canada has three operating molybdenum mines, all located in British Columbia; one is a primary producer and two are producers of copper with molybdenum as a by-product. A third copper mine, the Huckleberry project, is expected to start production by the end of 1997.

The Endako mine owned by Placer Dome Inc. is the primary producer. The mine is located at Endako, British Columbia, just above the 54th parallel close to Fraser Lake (about 150 km west of Prince George). The mine has reserves of about 70 Mt of ore grading 0.082% molybdenum. Placer Dome has two roasters with a total capacity of 10 800 t/y and an ultra-pure lubricant-grade molybdenum disulfide site with a capacity of 450 t/y. Long-term contracts represent 85% of Endako's total sales, with Japan being its largest market; the other 15% is sold through

Figure 1



traders. Molybdenum production in 1997 will decrease due to a lower grade of mined ore.

The following two copper mines produce molybdenum as a by-product:

- Highland Valley Copper is a joint venture with the following ownership: Cominco Ltd., 50%; Rio Algom Limited, 33.6%; Teck Corporation, 13.9%; and Highmont Mining Company, 2.5%. The mine is located at Highland Valley, British Columbia, above the 50th parallel close to Logan Lake (about one hour's drive from Kamloops). Highland Valley reserves are estimated at 504 Mt grading an average of 0.42% copper and 0.007% molybdenum. The material comes from two open pits: 80% from the Valley pit with an average molybdenum grade of 0.005%, and 20% from the Lornex pit with a higher grade of 0.012-0.014%. Its molybdenum concentrate production in 1995 was 2925 t at an average grade of 53.5%. All of the molybdenum is sold through traders. Three quarters of Highland Valley's output of molybdenum concentrate is roasted in Europe. Production for both pits is currently planned until the year 2008. However, the company is still carrying on with exploration programs to ensure the longest possible economic life of the operation.
- Gibraltar Mines Limited was acquired by Westmin Resources Limited from Placer Dome Inc. in the fall of 1996. The McLeese Lake mine, located at McLeese Lake (above the 52nd parallel), British Columbia, has reserves of about 76 Mt of proven and probable ore and 229 Mt of measured and indicated ore. The proven ore grades 0.31% copper and

0.009% molybdenum. The mine's production of molybdenum was halted in December 1992 (last month of production, although shipments continued until April 1993) because of low molybdenum prices. Its molybdenum recovery circuit was refurbished and production was brought back on stream in November 1995.

Huckleberry Mines Ltd. is owned 60% by Princeton Mining Corporation and 40% by a Japanese consortium (Mitsubishi Materials Corporation, Dowa Mining Co. Ltd., Furukawa Co. Ltd., and Marubeni Corporation). The mine will be managed and operated by Princeton Mining Corporation. The Huckleberry copper-molybdenum-gold-silver deposit is located near Houston, just below the 54th parallel. As a reference, it is located about 150 km southwest of the Endako mine. Its proven and probable reserves are 90 Mt grading 0.51% copper and 0.014% molybdenum. The mine is scheduled to begin production in October 1997 and will be operating at full capacity three months later. It has a life expectancy of 16 years with an average annual production of close to 600 t of molybdenum.

Extensive work has been done in evaluating projects that may contain molybdenum:

- Spokane Resources Ltd. is looking at its wholly owned Mac property in British Columbia, located about 100 km northwest of the Endako mine, where the company is planning to conduct an extensive diamond drilling program in 1997.
- Molycor Gold Corp. (formerly Amcorp Industries Inc.) and Verdstone Gold Corporation are working

on two molybdenum projects, both in British Columbia: the Crow-Rea property and the Salal Creek property. Crow-Rea is located 20 km west of Summerland in south-central British Columbia, and Salal Creek is located 70 km northwest of Pemberton, British Columbia.

• Pacific Sentinel Gold Corp. is studying its wholly owned Casino project located in southwest Yukon.

The Island Copper mine of BHP Minerals Canada Ltd. closed in December 1995 due to the depletion of ore reserves.

Under the Canada-U.S. Free Trade Agreement, trade in molybdenum products will be completely tariff free on January 1, 1998. Currently, roasted concentrate is the only type of molybdenum exported to the United States with a tariff; all the other forms of molybdenum are already tariff free.

# WORLD DEVELOPMENTS

# Argentina

The feasibility study on the El Pachon coppermolybdenum project in the San Juan province, 50% owned by Cambior inc. of Canada, should be completed in 1997. El Pachon is expected to produce 800 000 t/y of copper concentrate grading 28% copper and 45% molybdenum. Its proven and probable reserves are 990 Mt grading 0.61% copper and 0.014% molybdenum. If the project goes into production, the molybdenum will be shipped to roasting facilities in Europe.

Elsewhere in Argentina, exploration work at the Agua Rica (formerly Mi Vida) copper-goldmolybdenum deposit in Catamarca province will continue in 1997. The deposit, jointly owned by BHP Minerals International Inc. (70%) and a Canadian company, Northern Orion Explorations Ltd. (30%), could contain about 400 000 t of molybdenum. Although the deposit is geologically rich with a good grade of molybdenum, it is complex and dispersed, and it is therefore questionable whether it will be economical to mine.

# Chile

Chile's molybdenum production was 16 028 t in 1994, 17 500 t in 1995 (an increase of 9%) and an estimated 18 400 t in 1996 (an increase of 5%). Most of Chile's production is concentrated in the four mines belonging to state-owned Codelco-Chile, which account for approximately 8% of the world molybdenum market. There are only two other Chilean copper mines where molybdenum is recovered: the Disputada mine owned by Exxon Minerals Chile Inc., and the Los Pelambres mine owned by Anaconda Minerals Company. Codelco-Chile produced 15 950 t of molybdenum in 1994 and 16 717 t in 1995 with its Chuquicamata mine accounting for 64% of the total, followed by the El Teniente mine (16%) and its Andina and El Salvador mines (10% each).

Codelco-Chile's Andina mine has embarked on an expansion that will almost double its ore production. The Unit Mill project consists of the construction of a unified crusher that will produce finer material, which could increase the recovery of molybdenum from 55% to 58.8% and could increase production by 115 t/y. On the other hand, molybdenum output from the Chuquicamata mine will decrease due to the lower molybdenum content in the ore that will be mined.

In the summer of 1995, Codelco-Chile gained control of Chile's Renio y Briquetas SA (Rebrisa), a producer of molybdenum briquettes and rhenium at the Chuquicamata mine. Rebrisa was formed in 1989 by Codelco-Chile and was purchased by the employees.

# China

China's molybdenum production has averaged 20 000 t/y in recent years. The Yang Jia Zhang Zi Mining Bureau, established in 1940, was the first molybdenum mine in China; its production has declined to 4500 t/y of roasted concentrate due to the mine's depletion of resources. Founded in 1958, Jinduicheng Molybdenum Mining Corp. (JDC) is the largest molybdenum producer in China and has extensive reserves. In 1995, JDC produced 17 600 t of molybdenum concentrate. In late 1995 and early 1996, Chinese molybdenum production was lower than usual because producers were affected by powersupply shortages caused by cold, dry weather. Production problems and increasing domestic demand resulted in lower Chinese exports for 1996. Estimated molybdenum consumption in China was 6500 t in 1993 and around 7000-7500 t in 1994. Chinese domestic consumption of molybdenum is growing rapidly and should continue to increase towards the year 2000 to an estimated 13 000-14 000 t/y.

## Namibia

A feasibility study should be completed early in 1997 for the possible commercial development of the Haib project, which is a joint venture between Great Fitzroy Mines NL and Namibian Copper Mines Inc. If the project goes ahead, the companies will produce primarily copper with molybdenum and gold as byproducts. Its potential production is estimated at 360 t/y of molybdenum.

## Panama

Adrian Resources Ltd., a Canadian company, holds a 52% interest in the Petaquilla project, while the

remaining 48% is held by Inmet Mining Corporation. Studies of the project estimate reserves at 3900 t grading 0.015% molybdenum.

## Peru

Southern Peru Copper Corporation (SPCC), owned 54% by the U.S. company ASARCO Incorporated, produced 3600 t of molybdenum in 1995, an increase of 31% from 1994, as by-product from its two copper mines: Toquepala (1700 t in 1995 vs. 1400 t in 1994) and Cuajone (1900 t in 1995 compared to 1400 t in 1994). Its 1996 production is expected to be around 4000 t.

The Canadian consortium of Rio Algom Limited and Inmet Mining Corp. won the bidding on the option to develop the Antamina prospect in Peru. The two companies formally set up a new company, Minera Antamina S.A., each with a 50% stake. Over the next two years (after the bid date of July 12, 1996), the companies will determine if they will exercise their option to move the project forward. The deposit grades 0.04% molybdenum.

# **United States**

Cyprus Amax Minerals Company (Cyprus Amax) is the world's largest producer of molybdenum with an estimated 35% share of the global market and over 50% of the U.S. market. Cyprus Amax is probably the only company in a position to stabilize the molybdenum market. In fact, it re-opened the Climax primary molybdenum mine (dormant since 1991) near Leadville, Colorado, on April 4, 1995. On August 13, 1995, four months after re-opening, Cyprus Amax returned the Climax mine to standby status because of weak customer demand and also as a countermeasure to the weakening world molybdenum market. The Climax mine produced only 900 t of the planned 2300 t in 1995; it has a capacity of 7000 t/y.

Cyprus Amax's production totalled 25 900 t in 1994, 34 000 t in 1995 and an estimated 25 400 t in 1996. The company's primary molybdenum mine in Colorado, the Henderson mine, which is its largest producer of molybdenum, operated at full capacity in 1995 but reduced its production in 1996 to 13 200 t of its total capacity of 18 000 t/y.

At the end of 1995, Cyprus Amax sold its Climax Specialty Metals unit to a group of investors that included some of the subsidiary's management. The company was renamed CSM Inc. and is based in Cleveland, Ohio. One of its main activities is the conversion of molybdenum oxide and other raw materials to molybdenum metal.

Kennecott Corporation, which is wholly owned by RTZ-CRA Group, produced 10 750 t of molybdenum in 1995, 10 886 t in 1996, and plans to produce 9100 t in 1997 at its Bingham Canyon mine. ASARCO Incorporated re-started its by-product molybdenum circuit at its Mission mine in Arizona at the beginning of 1995 and produced 270 t out of a total capacity of 680 t/y.

Molycorp, Inc. resumed operations at its Questa mine in New Mexico, a primary molybdenum mine with a capacity of 9000 t/y that had been shut down in 1991. Molycorp first dewatered the mine, resumed mining in the summer, and resumed operation of the concentrator in the fall of 1996. The roasting plant, located in Washington, Pennsylvania, might also resume operations, but not before 1998. Currently, three firms will roast the Questa mine's output into molybdenum oxide: Molibdenos y Metales S.A. (Molymet) of Chile, Cyprus Amax's Climax plant in Rotterdam, and Sadaci NV of Belgium.

Molybdenum oxides and hydroxides from Chile have regained U.S. duty-free GSP (Generalized System of Preferences) status. The duties have dropped to zero from the previous 3.2% most-favoured-nation rate.

### International Molybdenum Association

The International Molybdenum Association was founded in 1989 by all sectors of the industry. Its activities focus on: the collection of statistics on supply, demand and inventory; health, safety and the environment; the promotion of molybdenum uses; and providing assistance to its members. Several Canadian companies are members of the association.

# Uses

Molybdenum and its compounds have a number of diverse uses. It is used as a pure metal, an alloy additive, a lubricant, a catalyst, and in a number of chemical compounds. In order of market share, these uses are discussed below.

# **Alloying Element**

Molybdenum is a very versatile and cost-effective alloying element. It is added to steel and ferrous castings as molybdic oxide ( $MoO_3$ ) or as ferromolybdenum (an alloy of iron and molybdenum). In this form, molybdenum is readily dissolved in molten steel with very little loss; therefore, ferromolybdenum is often used in making fine adjustments to the chemistry of batches of steel.

## Metal

Molybdenum metal is the product of a rather sophisticated refining process. The metal oxide is refined to high levels of purity by precipitation from solution. The oxide powder is then reduced in hydrogen and the metal powder is compressed into billets prior to required forming operations. Molybdenum metal has a number of valuable properties. Specifically, it has a low coefficient of thermal expansion, the refractory property of a high melting temperature, corrosion resistance, low levels of erosion from molten metal, low density, relatively high thermal conductivity, low specific heat, a high modulus of elasticity, relatively high electrical conductivity, and good electrical contact properties. It is used in such diverse end uses as glass melting electrodes, powder and spray coatings for high-wear engine parts, steel additives, disks for semi-conductors, and electrical products.

# **Chemical Compounds**

Molybdenum is an element that is an important component of a wide variety of chemicals. These chemicals are used as lubricants, reagents, dyeing compounds, pigments, vitreous glazes and enamels, electroplating compounds, catalysts, fertilizers, flame retardants, and paints and inks.

# **Other Uses**

Molybdenum is valued for its properties as a catalyst in the petroleum refining and chemical processing industries. Pure molybdenum disulfide is an excellent dry lubricant because it has a lamellar structure with a low coefficient of friction between the laminations and the property of bonding to other materials. Molybdenum can also be used in the production of rechargeable dry batteries. These lithiummolybdenum batteries have more power per cell volume than conventional nickel-cadmium or alkaline batteries.

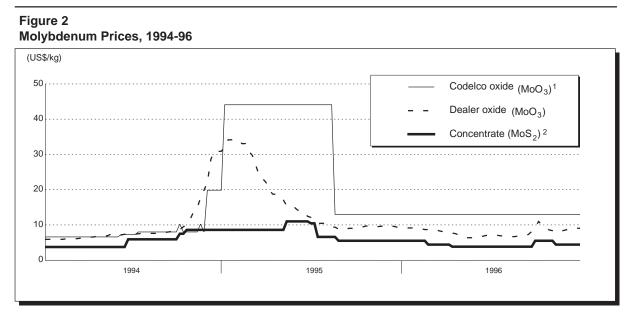
# PRICES

The Canadian price for contained molybdenum in concentrate averaged C\$6.35/kg in 1993, C\$11.62/kg in 1994, C\$22.27/kg in 1995, and is estimated at C\$11.64/kg for 1996.

On the world market, according to *Metals Week*, Figure 2 shows the fluctuation of prices between 1994 and 1996, in US\$ per kilogram, for molybdic oxide ( $MoO_3$ ) in drums at producer price for Codelco-Chile, dealer oxide ( $MoO_3$ ), and concentrate ( $MoS_2$ ) obtained as a by-product.

The price of by-product molybdenum concentrate was US\$3.75/kg in January 1994 and US\$8.60/kg in December 1994. The price stayed constant at US\$8.60/kg during the first quarter of 1995 and then jumped to US\$11.02/kg in May for only two months, and finally closed the year at US\$5.51/kg. For 1996, the price was more stable and at year-end was situated at US\$4.41/kg, although it had fallen in the spring to under the US\$4.00/kg mark.

Dealer oxide prices started 1994 at US\$5.91/kg in January and reached US\$30.86/kg at year-end. In mid-January 1995, the price peaked at US\$34.17/kg and then decreased gradually to fall below the US\$10.00/kg mark at the end of July. The price remained stable in the second half of the year moving between US\$9.00 and \$10.00/kg. The price continued to fall during the first half of 1996, starting the year at US\$9.26/kg in January, reaching bottom in May at US\$6.39/kg, and then recovering to US\$9.04/kg in December.



Source: Metals Week.

<sup>1</sup> Molybdic oxide (MoO<sub>3</sub>) in drums at producer price for Codelco-Chile. <sup>2</sup> Molybdenum concentrate (MoO<sub>2</sub>) obtained as a by-product.

Finally, Codelco-Chile drum oxide prices increased from US\$6.61/kg in January 1994 to US\$19.84/kg at year-end. Another jump brought the price to US\$44.09/kg in January 1995. It stayed at that level until August when it decreased radically to US\$13.00/kg. The price in 1996 stayed constant at US\$13.00/kg for the entire year.

# OUTLOOK

Canadian molybdenum production is forecast to decrease slightly in 1997, even with the start-up of the new Huckleberry mine, as the grade of ore that will be mined will be lower at the Endako mine and at Highland Valley Copper. Over the longer term, production should remain stable unless new projects are developed and become operational, or current producers reduce or cease production. Other Canadian projects offering potential to add to the national production capacity of molybdenum include the Casino project in the Yukon; the Crow-Rea, Salal Creek and Mac properties in British Columbia; Mount Pleasant in southern New Brunswick; and a deposit located 50 km southeast of Timmins, Ontario.

Domestic consumption of molybdenum in China is growing rapidly and should continue to increase towards the year 2000 with an estimated consumption of 13 000-14 000 t/y. The growing domestic demand will directly affect China's molybdenum trade, causing a reduction in its exports to support domestic demand. While China will remain the second largest producer of molybdenum in the world, Canada should become the third largest exporter by the end of the century, keeping its fourth-place ranking as a world producer.

In the longer term, over the next five to ten years, demand for molybdenum should continue to increase. This expectation of higher consumption is reasonable because, even at prices of US\$17-\$22/kg, molybdenum is a bargain alloying element compared to alternative elements. The expected long-term availability of molybdenum at competitive prices, in combination with its versatile performance, should result in a continuing increase in its use.

About 70% of world molybdenum is produced as a byproduct or co-product of copper mining. This production is price-inelastic and is generally sold for whatever the market offers. In fact, the supply of by-product molybdenum is a function of the demand for, and price of, copper. On the other hand, future supply from primary molybdenum mines will gradually increase since many new copper discoveries contain less molybdenum. The result will be that, contrary to present figures where most of the molybdenum is produced as a by-product, primary molybdenum mines will supply the major part of the market in the longer term.

*Notes: (1) For definitions and valuation of mineral production, shipments and trade, please refer to Chapter 70. (2) Information in this review was current as of February 1, 1997.* 

#### TARIFFS

			Canad	а	United States	EU	Japan <sup>1</sup>
Item No.	Description	MFN	GPT	USA	Canada	MFN	GATT
2613 2613.10	Molybdenum ores and concentrates Roasted	Free	Free	Free	1.3¢/kg on molybdenum	Free	Free
2613.90	Other	Free	Free	Free	content + 0.1% Free	Free	Free
2825.70.10 2825.70.20	Molybdenum oxides Molybdenum hydroxides	3% Free	1% Free	Free Free	Free Free	5.3% 5.3%	Free Free
28.41	Salts of oxometallic or peroxometallic acids						
2841.70	Molybdates	4%	3%	Free	Free	5.9%	3.7%
7202.70	Ferromolybdenum	8.1%	5%	Free	Free	3.6%	4.3%
8102.10 8102.10.10 8102.10.20 8102.91	Molybdenum powders Not alloyed Alloyed Unwrought molybdenum, including bars and rods obtained simply by sintering; waste and scrap	2.5% 2.5%	Free Free	Free Free	Free Free	4.8% 4.8%	2.2% 2.2%
8102.91.10 8102.91.20	Unwrought molybdenum, not alloyed Unwrought molybdenum, alloyed; waste and scrap	Free Free	Free Free	Free Free	Free Free	3.8% 2-3.8%	2.2% 2.2%
8102.92	Bars and rods, other than those obtained simply by sintering, profiles, plates, sheets, strip and foil	5.9%	3%	Free	Free	6.2%	2.9%
8102.93 8102.93.10 8102.93.20 8102.99	Wire Molybdenum wire, not coated or covered Molybdenum wire, coated or covered Other	4.4% 4.4% 4%	2% 2% 2%	Free Free Free	Free Free Free	8% 8% 8.2%	2.9% 2.9% 2.9%

Sources: Customs Tariff, effective January 1997, Revenue Canada; Harmonized Tariff Schedule of the United States, 1997; The "Bulletin International des Douanes," Journal Number 14 (18th Edition), European Union, 1995-1996, "Conventional" column; Customs Tariff Schedules of Japan, 1996. 1 GATT rate is shown; lower tariff rates may apply circumstantially.

# TABLE 1. CANADA, MOLYBDENUM PRODUCTION AND TRADE, 1994-96, AND CONSUMPTION, 1993-1995

Item No.		19	94	1995		1996 <b>P</b>	
		(tonnes)	(\$000)	(tonnes)	(\$000)	(tonnes)	(\$000)
PRODUCTIC	DN (Shipments)1 British Columbia	9 759	113 365	9 113	202 931	8 845	102 950
	Total	9 759	113 365	9 113	202 931	8 845	102 950
<b>EXPORTS</b> 2613.10	Molybdenum ores and concentrates, roasted						
	Japan United States South Korea	3 213r 1 115 388	29 457r 6 287 3 955	3 215 2 040 142	80 968 24 762 5 012	3 168 2 116 279	35 826 13 057 3 043
	Australia	98	1 042	164	5 778	222	2 764
	Netherlands Other countries	366 1 307	1 751 5 822	52 524	448 5 484	72 108	653 943
	Total	6 487r	48 314r	6 137	122 452	5 965	56 286
2613.90	Molybdenum ores and concentrates, other						
	Netherlands Belgium	606 128	2 930 870	50	639	1 132 926	4 949 3 744
	Japan	5	59	8	93	283	1 837
	Other countries	1 644	8 945	2 803	36 176	208	1 865
	Total	2 383	12 804	2 861	36 908	2 549	12 395
2825.70	Molybdenum oxides and hydroxides			24	220		
	United States India	13	170	24	220	_	_
	Brazil	33	129	-	-	-	-
	Total	46	299	24	220	_	_
2841.70	Metallic molybdates	-	-	-	-	-	-
7202.70	Ferromolybdenum United States Mexico	121	1 063	130 11	2 448 7	237	2 719 _
	Philippines		2	-	-	-	_
	Total	121	1 065	141	2 455	237	2 719
8102.10	Molybdenum powders United States South Korea		30 1	·· <u>·</u>	4	··· <u>·</u>	14
	Total		31		4		14
3102.91	Molybdenum, unwrought, including bars or rods simply sintered; waste and scrap						
	United States	12	196	53	1 253	22	117
	Total	12	196	53	1 253	22	117
3102.92	Molybdenum bars and rods, other than those obtained simply by sintering, profiles, plates, sheets, strip and foil	_	_	_	_	_	_
8102.93	Molybdenum wire India		44	1	108	_	_
	Total		44	1	108		
3102.99	Molybdenum and articles thereof,						
5102.33	n.e.s. United States	4	140 <b>r</b>		4		3

### TABLE 1 (cont'd)

Item No.		19	94	19	95	1996 <b>p</b>	
		(tonnes)	(\$000)	(tonnes)	(\$000)	(tonnes)	(\$000)
MPORTS <sup>2</sup>							
2613.10	Molybdenum ores and concentrates, roasted						
	Mexico	_	_	347	6 554	300	2 895
	United States	689	5 166	280	3 611	261	2 315
	Chile	246	2 203	64	914	203	1 861
	Belgium United Kingdom	378 20	2 620 188	277	3 055	88 110	1 003 891
	China	19	91	17	222	-	
	Total	1 352	10 268	985	14 356	962	8 965
2613.90	Molybdenum ores and concentrates,						
	n.e.s. United States	435	3 753	480	7 940	18	219
	Germany	435	3733	400	7 940	-	219
	Sweden	5	38	-	-	-	-
	Total	440	3 794	480	7 940	18	219
2825.70.10	Molybdenum oxides						
	United States	480	4 820	1 161	16 987	846	7 428
	Chile Mexico	12	114	15	4 139	10 4	101 41
	China	11	88	-	- 139	4	41
	Total	503	5 022	1 176	17 130	860	7 570
2825.70.20	Molybdenum hydroxides						
1020.70.20	United States		3			23	262
	United Kingdom	-	_	-	-		
	Total		3	····		23	262
2841.70	Metallic molybdates						
	United States	461	2 923	379	3 488	396	3 022
	China United Kingdom	_	_ 1	_ 1	_ 6	5 1	33 7
	Other countries		2	2	11	-	-
	Total	461	2 926	382	3 505	402	3 062
7202.70	Ferromolybdenum						
202.70	Chile	528	4 198	705	11 822	540	5 576
	United States	189	1 687	358	4 966	420	3 844
	United Kingdom	39	393	60	817	157	1 529
	China Mexico	_	_	126	2 305	91 64	876 620
	Belgium	130	888	120	2 423	11	121
	Other countries		3	46	790	_	-
	Total	886	7 169	1 415	23 123	1 283	12 566
8102.10.10	Molybdenum powders, not alloyed						
	United States	6	243	8	349	5	223
	Belgium Germany	-	- 6		5 9		5 4
	France	-	-	-	-		1
	Total	6	249	8	363	5	233
8102.10.20	Molybdenum powders, alloyed						
	Germany	_	_	_	_	1	50
	United States	2	101	12	218	1	33
	Other countries	-	-	-	-		2
	Total	2	101	12	218	2	85
8102.91.10	Unwrought molybdenum, not alloyed						
	United States		8	7	239	8	302
	Germany	-	-	-	-		1
	Total		8	7	239	8	303

#### TABLE 1 (cont'd)

Item No.		19	94	19	95	199	96 <b>p</b>
		(tonnes)	(\$000)	(tonnes)	(\$000)	(tonnes)	(\$000)
IMPORTS (co 8102.91.20.10	nt'd) Unwrought molybdenum, alloyed United States	1	35		1	1	40
	Total	1	35		1	1	40
8102.91.20.20	Molybdenum, waste and scrap United States	22	499	25	695	19	587
	Total	22	499	25	695	19	587
8102.92	Molybdenum bars and rods, other than those obtained simply by sintering, profiles, plates, sheets, strip and foil	11	570	21	1 097	27	1 169
	United States Other countries	11 • • •	572	21	1 087 1	27	1 168 40
	Total	11	572	21	1 088	27	1 208
8102.93.10	Molybdenum wire, not coated or covered						
	United States Belgium Australia	2 1 -	73 44 –	4 1 -	242 48 –	1 1 	64 51 2
	Total	3	117	5	290	2	119
8102.93.20	Molybdenum wire, coated or covered United States Germany	4	110 _	2	78 _	1	47
	Total	4	110	2	78	1	49
8102.99	Molybdenum and articles thereof, other						
	United States Other countries	18	822 13	25	1 335 3	29	1 622 7
	Total	18	835	25	1 338	29	1 629
		199	93	<b>199</b> (kilogr		199	5p
CONSUMPTI	ON <sup>3</sup> (Mo content) Carbon steel Stainless steel Other steel Cast iron Other uses <sup>4</sup>	603 2 249 9 680 3 120 3 65 9	964 964 985	531 5 456 7 813 0 134 9 74 3	60 30 75	580 0 397 7 713 9 224 8 81 2	766 976 999
	Total	1 719 9	40	2 010 6	94	1 997 8	886

Sources: Natural Resources Canada; Statistics Canada. – Nil; . . . Amount too small to be expressed; n.e.s. Not elsewhere specified; p Preliminary; r Revised. 1 Producers' shipments (Mo content of molybdenum concentrates, molybdic oxide and ferromolybdenum). 2 Imports from "Other countries" may include re-imports from Canada. 3 Available data, as reported by consumers. 4 Nonferrous alloys, electrical, pigments ord other uses and other uses.

Note: Numbers may not add to totals due to rounding.

		Exports <sup>2</sup>	Imp	ports	
	Production <sup>1</sup>	Molybdenum Ores and Concentrates, Oxides and Hydroxides <sup>3</sup>	Molybdic Oxides and Hydroxides <sup>4,5</sup>	Ferro- molybdenum6,7	Consumption <sup>8</sup>
			(kilograms)		
1975	13 323 144	15 710 300	56 400	269 281	1 436 883
1980	11 889 000	14 584 500	361 700	53 618	1 055 107
1985	7 852 060	5 637 000	187 000	274 076	772 301
1986	11 250 625	11 367 000	203 000	347 784	684 043
1987	14 771 252	14 253 000	193 000	233 335	969 993
1988 <b>a</b>	13 535 186	14 026 855	187 691	345 664	1 213 248
1989	13 542 984	16 131 760	123 706	1 150 139	1 382 505_
1990	12 188 487	11 086 429	176 481	581 780	1 179 374
1991	11 436 809	10 305 832	304 869	544 300	1 643 170
1992	8 870 267	7 138 674	249 767	493 260	1 534 941
1993	10 250 004	9 977 571	200 190	699 141	1 719 940
1994	9 758 885	8 914 141r	502 529	886 303	2 010 694
1995	9 112 733	9 021 654	1 175 928	1 414 171	1 997 886
1996 <b>p</b>	8 844 560	8 511 505	884 071	1 283 132	

# TABLE 2. CANADA, MOLYBDENUM PRODUCTION, TRADE AND CONSUMPTION, 1975, 1980, 1985-96

Sources: Natural Resources Canada and Statistics Canada, except where noted.

... Not available; p Preliminary; r Revised.

<sup>a</sup> Beginning in 1988, exports and imports are based on the Harmonized System and may not be in complete accordance with previous method of reporting.
 <sup>1</sup> Producers' shipments (Mo content of molybdenum concentrates, oxide and ferromolybdenum).
 <sup>2</sup> Exports include

<sup>1</sup> Producers' shipments (Mo content of molybdenum concentrates, oxide and ferromolybdenum). <sup>2</sup> Exports include H.S. classes 2613.10, 2613.90 and 2825.70. <sup>3</sup> Mo content, oxides, ores and concentrates. <sup>4</sup> Molybdic oxide includes H.S. classes 2825.70.10 and 2825.70.20. <sup>5</sup> Gross weight. <sup>6</sup> Ferromolybdenum includes H.S. class 7202.70. <sup>7</sup> For the years 1975 and 1980, U.S. exports to Canada are reported by the U.S. Bureau of Commerce, Exports of Domestic and Foreign Merchandise (Report 410), over 50% molybdenum, and for 1985-95 by Statistics Canada. <sup>8</sup> Mo content of molybdenum products reported by consumers.

#### **APPENDIX 2.5**

Mining Journal, August 5, 2005

# Molybdenum kick-starts British Columbian exploration

Due to the high level of international steel production – led by consumption in China – there is a burgeoning demand for molybdenum, which has few alternatives as an alloying element

HE price of molybdenum recently peaked at US\$39/lb (compared with barely US\$5/lb in 2002), and averaged US\$35/lb during the quarter to June 30. The increased exploration interest in the metal has been particularly noteworthy in Canada, and "moly is back in town" (an expression extolled by geologists Tom Schroeter and Nick Carter at a recent British Columbia exploration meeting in Kamloops) summarises the local activity.

Every known molybdenum or copper-molybdenum prospect in the province has been staked and most are under active investigation. Geologically, BC is the best place in Canada to develop a molybdenum deposit based on the widespread presence of porphyry intrusions that extend from Alaska/Yukon through BC into Washington State and southward. The 'MinFile' database

of BC's Ministry of Energy and Mines lists 1,350 molybdenum-bearing occurrences in the province, of which 430 contain molybdenum as the primary commodity. Elsewhere in Canada, production has been limited to Québec, from pegmatite and coppermolybdenum-hosted deposits.

Canada is the world's fourth-largest molybdenum producer, with 9,700 t in 2004 from the three mines in BC. World mine production last year is estimated at 139,000 t (125,000 t in 2003); the US produced 39,900 t, Chile 33,400 t and China 31,000 t. World reserves are

reported as 8.6 Mt, with China having 3.3 Mt, US 2.7 Mt, Chile 1.1 Mt and Canada 450,000 t.

#### **BC'S APPEAL**

In the 1960s and 1970s it was recognised that BC had all the geological ingredients comparable to the molybdenum-rich western US. During this period, numerous molybdenum and molybdenum-copper deposits were discovered and put into production. Examples of pure molybdenum mines included Endako, Boss Mountain, Kitsault and Coxey. The copper-molyb-



BY ED SCHILLER

denum mines included Brenda, Lornex/Highmont (both now part of the Highland Valley Copper operation), Gibraltar and Island Copper. Total molybdenum production from BC mines since 1965 has been 320,300 t.

BC's principal molybdenum producer is the Endako

# **Market forecast**

PHELPS Dodge Corp is forecasting a molybdenum price at, or above, US\$30/lb for the quarter to September 30.

Arthur Miele, the company's senior vice president of sales and marketing, said recently that he expects low inventories to continue to be a major influence on the market in the September quarter. The steel industry traditionally curtails production during the September quarter for maintenance, but Mr Miele said curtailments announced by US and European steel companies go beyond normal shutdowns.

However, Mr Miele expects the strong growth in demand from the chemical industry to continue. On the supply side, Mr Miele said that the

molybdenum market has been hit by significant disruptions in China. Mines that were shut in February by the Chinese Government, to address safety and environmental concerns (representing about half of China's molybdenum-processing capacity), remain closed.

at an average grade of 0.063% Mo, with a mine life of 11 years.

Molybdenum is also co-produced from three openpit copper porphyry deposits; Highland Valley Copper, Gibraltar and Huckleberry. Highland Valley, south of Kamloops, mined 65.8 Mt of ore in 2004 and produced 10.7 Mlb of molybdenum (although production is expected to drop to 5 Mlb/y in the near future due to lower grades).

The recently reopened Gibraltar mine, near Williams Lake, owned by Taseko Mines Ltd, mines and mills

operation, 160 km west of Prince George in the central part of the province. The mine was operated by Placer Dome Inc between 1965-97, before being sold to Thompson Creek Mining Co of Denver (75%) and Sojitz Corp (25%). The Endako orebody consists of an elongated stockwork of quartz-molybdenum veins developed within the Endako guartz monzonite intrusion of Late Jurassic age and three types of felsic pre-ore dikes.

Production is at a rate of 28,000 t/d with a grade of 0.066% Mo. Output in 2004 was 4,889 t of molybdenum, down from 5,000 t in 2003. Reserves are estimated at 80.7 Mt, A 1% molybdenite (MoS<sub>2</sub>) ore contains 20 lb of MoS<sub>2</sub> per short ton, of which approximately 59% of the MoS<sub>2</sub> is elemental molybdenum (Mo), or 11.80 lb per short ton. At a commodity price of US\$30/lb for molybdenum in oxide, the approximate value of 1% MoS<sub>2</sub> ore is US\$390/t (metric).

35,000 t/d at a grade of 0.30% Cu and 0.01% Mo. In the 12-year mine plan the measured and indicated resources amount to 149 Mt, at 0.31% Cu and 0.01% Mo, with an additional, off-plan, 596 Mt at 0.28% Cu and 0.01% Mo.

The Huckleberry mine, operated by Imperial Metals Ltd, is 125 km south of Houston. Last year the mine extracted 6.87 Mt at 0.45% Cu and 0.014% Mo, amounting to 426,658 lb of molybdenum and 62.92 Mlb of copper. Probable mineral reserves at December 31, 2004, were given as 19.44 Mt at an average grade of 0.53% Cu, 0.015% Mo, 0.15 g/t Au and 2.98 g/t Ag (at a cut-off grade of 0.26% Cu).

The two most advanced molybdenum exploration projects in BC are at Trout Lake and Atlin. At Trout Lake, 60 km south of Revelstoke, in southeastern BC, Roca Mines Ltd is preparing to put the Max deposit into production. Previous exploration, including surface and underground drilling and underground sampling, by Newmont Exploration of Canada Ltd and Esso Minerals Ltd totalled C\$14.9 million between 1975-82. Work on the project has included 17,873 m of surface drilling (including drilling by Roca in 2004); some 2,000 m of underground development; and 22,151 m of underground diamond drilling.

Work recommenced in 2004 when molybdenum prices reached US\$8/lb, and Roca acquired an option to earn a 100% interest in the deposit. In order to accelerate development of the project, the company is looking at a small high-grade operation to mine 72,000 t/y at a grade of about 2.0% MoS<sub>2</sub> (a 'Small Mines' permit is available in BC which allows fast tracking of the application process). The project site is accessible by road all year.

Roca anticipates molybdenum output of 3.76 Mlb/y (in a molybdenite concentrate) over an approximately 2½-year period. The estimated capital costs are

Left: Adanac Molybdenum Corp's Ruby Creek Below, top to bottom: The Huckleberry mine, and blasting at the same mine. The Davidson project

US\$4 million for mining, US\$4 million for the concentrator, US\$800,000 for tailings management systems and US\$1.2 million for start-up and contingency costs.

Adanac Molybdenum Corp has recently completed its prefeasibility study for the 278 Mlb Ruby Creek deposit, which has a projected open-pit life of over 20 years at 10 Mlb/y. Ruby Creek is expected to become the world's next primary molybdenum mine, with an initial production of 20,000 t/d to produce 12.0 Mlb/y of molybdenum over the first five years. The company expects to begin permit applications in September.

The deposit is near the border with the Yukon, 24 km northeast of Atlin. Exploration in the 1960s and 1970s (valued at some C\$10 million) by Kerr Addison Mines Ltd, Climax Mining Ltd and Placer Dome outlined a resource estimate of 152 Mt at 0.063% Mo. In 2003, the Ruby Creek claims became available and were staked by Adanac, which now holds a 100% interest in the claims. Adanac completed a 9,000 m drilling programme last year, and established a revised measured and indicated resource of 205.1 Mt at an average grade of 0.062% Mo (0.04% cut off).

Other companies pursuing molybdenum exploration/development projects include: **Tenajon Resources Corp** – At the Ajax property, near Alice Arm in northwest BC, the company is attempting to duplicate the 178.5 Mt resource estimate (at an average grade of 0.07% Mo) that was established by Newmont Mining Corp and Inco Ltd in the 1960s. The programme is designed to replicate three previouslydrilled holes to verify the geological setting and grades by the previous explorers. If successful, a much larger programme is planned.

**New Cantech Ventures Inc** – The company is exploring the Lucky Ship property near Houston where previous work by Amax Exploration Inc and its predecessor Southwest Potash Corp between 1964-68 outlined a deposit estimated to contain a resource of 18 Mt at 0.163% MoS<sub>2</sub>. The project is a joint venture between New Cantech Ventures Inc (50%) and Candorado Operating Co (50%). **Blue Pearl Mining Ltd** - The company owns the Davidson deposit (formerly Yorke-Hardy) near Smithers in central BC. The company proposes construction of an underground mine to produce 2,000 t/d. Crushed ore would be

transported off the site for processing. An existing adit would be enlarged for access. The property is estimated to contain a measured and indicated resource of 83 Mt, at 0.295%  $MoS_2$  (0.20%  $MoS_2$  cut-off), representing 489 Mlb of  $MoS_2$ . The deposit offers good potential for an expansion of resources with the addition of tungsten as a by-product.

**SNL Enterprises Ltd** – The company holds a 50% interest in the Sunshine and Roundy Creek mining claims in the Alice Arm area of western BC. Alice Arm is a wellknown molybdenum-mineralised region and is host to several deposits. The SNL claims have a drill-indicated resource of 8 Mt at an average grade of 0.12% MoS<sub>2</sub>. **Leeward Capital Corp** – The company is exploring the Nithi Mountain prospect, 8 km south of Fraser Lake in central BC and 18 km southeast of the producing Endako molybdenum mine. Previous drilling encountered extensive mineralisation, including one hole that intersected 115 m at 0.10% MoS<sub>2</sub>. The results of 17 holes (4,130 m) drilled earlier this year were released in July. The programme was designed to test three zones within the northeast-bearing Alpha trend of molybdenite showings 2.5 km wide and 4.5 km long. The best hole intersected 256 m at 0.057% MoS<sub>2</sub>.

**Eagle Plains Resources Ltd** – The company has completed the first phase of drilling on its 100%-controlled Sphinx property, 60 km west of Kimberley, southeast BC. A total of 14 holes (3,330 m) intersected significant molybdenum mineralisation in almost all of the holes. One of the better holes (SX05002) intersected 228 m (from an initial depth of only 3 m) of 0.066 % MoS<sub>2</sub>, including a 47 m interval that returned 0.167% MoS<sub>2</sub>.

Ed Schiller is a consulting geologist based in Kelowna, British Columbia. In 1991, Dr Schiller was involved in the discovery of the Etaki diamond deposit at Lac de Gras, Northwest Territories. He writes for several resource magazines, and grows grapes in BC's Okanagan Valley

#### **APPENDIX 2.6**

Article by Ken Resner from Kitco Base Metals Website

#### KITCO BASE METALS WEBSITE

#### **AUTHOR : KEN RESER**

Molybdenum... Molymania... Exciting times for some of our super alloy base metals these days it seems. Moly@\$34.25 p/lb as I write. Rhenium - the by-product of some Molybdenum deposits (derived from roasting process) - @ +/- \$1000.00 p/oz. It seems prudent then that we should all have a better understanding of what Moly is and what it can be used for. We have many past, present and future uses of Molybdenum to cover so I shall do so in point form. Also I would like to address the projected future price of Molybdenum as expected by end users and producers thru 2005. Lastly a comparison of primary and by-product Molybdenum production should be made.

Molybdenum typically occurs in skarns or porphyrys. Usually the porphyry deposits are much larger, and thus more economic.

Moly is a soft ductile, refractory metal suitable for alloys requiring high strength, and rigidity at temperatures up to 3,000 degrees F.

Moly itself has a melting point of 4730 degrees F, the 5th highest melt point of all the elements.

#### The unique properties of Molybdenum alloys are utilized in many different applications

Corrosion resistance and strength in stainless steel, wrought alloys and super alloys. These uses accounted for approximately 75% of Moly consumption in 2004.

High temperature heating elements, radiation shields, forging dies, rotating X-ray anodes in clinical diagnostics, glass melting furnace electrodes, heat sinks for matching silicon for semiconductor chip mounts, interconnects on integrated circuit chips, coatings for piston rings and machine components.

Smoke suppressants & solid lubricants to reduce friction, Moly lubricants ie: grease & oils, engine corrosion inhibitors in coolants, lubricants in space vehicles.

Chemical processing equipment, vessels, tanks & pipelines, flame retardants, dry lubricants, light bulb filaments, inorganic paint pigments, chemical catalysts and desulfurization catalysts.

Non-ferrous alloys (super alloys) or nimonics account for about 3% of total demand for Moly. They are used in jet engine turbines, nuclear plants, gas turbines, space exploration and general aviation.

Nuclear reactor vessels. The reactor vessel serves to contain and support the reactor core and vessel internals. It is constructed of Moly carbon steel, lined with stainless Moly steel and has 8 inch thick walls.

Molybdenum is used for scrubbers in flue gas desulfurization (FGD) in coal fired power stations around the world. 9% to 16% Moly is used in inconel alloys for this process.

Soil supplement in agriculture as well as human and animal supplements.

Molybdenum alloyed with Rhenium (Mo-41Re & Mo-47.5Re) is used in electronics, space programs & nuclear industries. Moly-25% & Rhenium alloys are used for rocket engine components and liquid metal heat exchangers.

Moly steel is used extensively in the millions of miles of oil, gas and water pipelines around the world. (ie; 2 million mi of oil pipelines in USA and 1.3 million mi of gas pipelines) (source-U.S. Dept of Energy) the EIA in a working paper states that "to meet the U.S. Energy demand for natural gas alone the pipeline mileage must increase by 30% or more. (cost est. \$150 b). By 2025 EIA expects the US will need 47% more oil & 54% more natural gas.

Now one must consider how many of the pipelines built between 1930 and 1969 (over 2/3 of the current lines in use today) need replacement, and how many 100s of thousands of miles of new pipelines will be needed around the world for our booming oil & gas industry and ever-increasing demands. Consider the refineries and gas plants that need to be built as well. Molybdenum plays a very big part in all of these endeavors.

One of the largest uses of Molybdenum is in drill stem steel tubing. In the 1970's when oil boomed so did the price of Molybdenum rise. The many 1000s of onshore and offshore drill rigs (and service rigs) in the world constantly replace this drill tubing due to heat and metal fatigue, especially with the depths now reached by our technology, and the heat encountered at the greater depths & with the down-hole weight of the drill stem stretching over many thousands of feet. This may be one of the times in history when the demands on Moly won't ease as the frantic search for new oil & gas supplies due to peak oil having been reached will give a new constant impetus to drill exploration.

On the immediate horizon for stainless steel and Moly use also is the fact that new maritime regulations now stipulate that all single hulled oil tankers built before 1987 must be decommissioned by 2010, and thus will be replaced by double hulled tankers. From the information available it appears that 170 vessels will be affected by this law by Apr. 5th 2005, the oil containment tanks in these ships are constructed of a Moly alloy steel also. Coupled with China's maritime fleet building in progress (military and commercial) it looks like a bright future for Moly in this area as well. There are at present about 3,600 tankers in the world. 1/3 of the world's oil is transported by just 435 of them, the large VLCCs (very large crude carriers).

#### Now to the space age and future of Molybdenum

(This is the interesting part)

The SAFE-400 space fission reactor (safe affordable fission engine) is a 400 kWt HPS producing 100 kWe to power a space vehicle using two Brayton Power Systems gas turbines driven directly by the hot gas from the reactor. The heat exchanger outlet temperature is 880 degrees. The reactor has 127 identical heat pipe modules made of Molybdenum.

Wall material for space reactors. Thin 99.9% purity Molybdenum foils for use in gas core reactors. Temperature ranges from 1500 to 2000 K.

Molybdenum Rhenium alloys for spacecraft reactor applications.

Molybdenum in ION space thrusters.

Molybdenum wire in radio telescopes.

NEXT generation ION thrusters, currently being developed as well as near term Nuclear Electric Propulsion (NEP) Program. Molybdenum & Carbon.

Multi layering in space telescopes with Molybdenum, Carbide and Silicon. TRACE (Transition Region And Corona Explorer) revealing the secrets of the Sun.

Molybdenum, Lithium "heat pipe." Los Alamos N.M. A pencil sized tube of Molybdenum, with Lithium core that moves heat from one end to the other may someday allow astronauts to travel to Mars and beyond. The heat pipes on NASA spacecraft will be in groups from 5 feet to 24 feet long. NASA's Marshall Space Flight Center is working to develop heat pipes for use in nuclear reactors to produce propulsion and generate electricity for spacecraft to travel the outer limits of the solar system. Heat pipes have been tested in space from shuttle missions & performed flawlessly.

Now you can possibly see why the world is viewing Molybdenum in a different light and it isn't just the demand from China, India and developing nations that is driving the price and uses. Moly is truly a metal of the future in many ways and we may never see the same past monetary values placed on it in our future. The era of the second industrial revolution is upon us and it 'is' the 3rd world coming into the 21st century at a very rapid rate that is placing great pressure on base metal demand, but it also is the age of new and ever-changing metal technologies, and I personally think Molybdenum will play a very important part in this new era and will be a major component of any base metal bull market.

If one considers that Moly mines may have a new and more secure future than in the past then one should consider that a "primary pure Molybdenum mine" has no sulfides or copper to leach out of the finished product. The Moly when crushed can be floated off by using a simple soap or diesel fuel additive to the floatation tanks or columns and agitated. The Moly particles adhere to the air bubbles and rise to the surface to be collected (skimmed off). This is a very simple, cost efficient and environmentally friendly process. It is generally accepted that in the Moly by-product production of copper mines, it takes 10 lbs. of CU produced to acquire 11b of Molybdenum. There are few primary Moly mines at present in the world and fewer still coming to future production.

Let us not forget the adage. "If the whole world had the lifestyle, material comfort and luxuries of the western world, we'd need another planet for the supply of natural resources." Because that transformation is coming fast and the resources are finite, the cost of base metals and energy sources is obviously going to get much more expensive as time & world growth progresses. Mankind's demands on base metals in our future will prove historical.

The 2005 Moly price projection - in a survey done by "Ryan's Notes" in a presentation by Alice Agoo, given in Ryan's Notes' 2005 Molybdenum meeting. This survey was taken from 17 end users of Moly & 20 producers (sellers).

The consensus forecast of each group in the survey is the overall average, as are the combined forecasts.

#### End users:

Mid June /05...\$27.39 Year end /05...\$16.58

#### Sellers:

Mid June /05...\$22.72 Year end /05...\$15.31

#### **Combined forecasts**

Mid June /05...\$24.92 Year end /05...\$15.84

#### **APPENDIX 2.7**

Article by Mike Hoy from Kitco Base Metals Website

#### KITCO BASE METALS WEBSITE

#### **AUTHOR : MIKE HOY**

For those of you who haven't noticed; it appears that the price of Molybdenum (moly) is on the move and the funny thing is, it is moving in the opposite direction of what most of the analysts and newsletter writers have predicted. HOW CAN THAT BE? How can they be wrong about a base metal that has skyrocketed in price by more than 12 X in the last 3 years? Funny thing about this is the fact that it is not really their fault that they have been on the wrong side of the price movement with their predictions.

Moly is one of the most unknown and mis-understood base metals in the world today. This metal is unquestionably the metal of the 21st century. Not only is it the metal of the 21st century but very few individuals, investors, newsletter writers and even companies that produce moly have a clue to the importance that moly will play in shaping the rest of our lives and the lives of generations to come.

The best part about this is the fact that we, as consumers, are going to be the big winners. Not only will the consumer be a huge winner but countries such as the US and China can now look at each other as partners in the development of crucial technology and power plants that will easily solve the world's energy problems and needs rather than fierce competitors for the worlds dwindling supplies of natural resources.

Think about it for a second! What better way to cool the world's frayed nerves than to come up with a solution to the world's energy crisis! Think of the possibility of buying gasoline at \$1.50-\$2.00/gallon again. Believe it or not there is a solution to the world's energy crisis and the technology has been around for decades! In fact this technology is now in the process of becoming a reality.

China and South Africa are working together to develop and build power plants that will liquify coal in a process that makes their vast reserves of coal economical and the finished product is burned pollution free. Think of what this means! Both the US and China can tell the oil producing nations, of the world, to go take a "high flying leap off their tallest oil rig." For the first time in years I have positive feelings about the future and I can see a way for the US to solve many of its pressing problems. Think of automobiles and power plants burning fuel that is virtually pollution free for a lot less than we pay for the same energy today! This technology will not only solve our energy crisis but it will also do wonders in solving the world's air pollution crisis and the threat of global warming.

I hope you are getting as excited as I am because from my standpoint I have searched for a very long time to find anything to be positive about in the world today. Not only does this give me something to cheer about but the timing cannot be better.

Now you have got to be asking yourself "how does moly fit in to this?" The answer to that is very simple but yet it has been kept a "BIG SECRET!" Very few people know or understand the fact that MOLY is the catalyst to clean the impurities out of the vast quantities of coal and stranded natural gas that exists in the world today. With moly as the catalyst there is very little doubt about the fact that the demand for moly can do anything but increase significantly over the years to come.

Very few newsletter writers, analysts or even producing moly companies understand the fact that the world of the 21st century cannot exist, in the manner that it will, without a much larger supply of moly than is available in the market today..

# Without this knowledge there is no way that many of these very intelligent people could come to the conclusion that the price of moly could do anything but fall in price. That would be a logical and practical opinion to form.

For months newsletter writers and analysts have said that moly prices would fall below \$15/lb. after peaking above \$39/lb. For months end users of moly have waited for the pullback in price. Most of these end users felt that moly had no-where to go in price but down. As a result of this thinking these end users kept their inventories of moly at very low levels. They waited and hoped that the price of moly would fall. Moly did have a pullback; all the way to the meager level of \$29/lb.

The funny thing about moly is the fact that moly, as a commodity, is not traded as a commodity on any of the publicly traded commodity exchanges. The important point to this is the fact that moly then has to trade on the basis of pure supply and demand. Pure supply and demand eliminates all the games and manipulation that is created by speculators, hedge funds and those who attempt to manipulate markets to their advantage.

Moly prices are now rising because the end users can wait no longer for the price to fall. The end users must buy to replenish inventories that do not exist and this, coupled with thin supplies, is the real reason why the price of moly is now rising. It has nothing to do with roasters or any other garbage that certain people and companies want you to believe. These naysayers have their own best interest at heart and they may be the ones who truly know what is going on behind the scene and doing everything they can to keep moly a big secret while they take full advantage to position themselves for the future.

Ken Reser just posted a magnificent article called "THE BIG SECRET!" I love this guy as I have learned so much from him in the short time that I have had the privilege of knowing and working with him. Ken is one of these guys who spends an incredible amount of time in the pursuit of knowledge and the truth. Ken is the first individual; I know of, to post an article revealing the importance that moly plays in the development of this new technology that literally is the "SAVIOR OF THE WORLD!"

Now that the truth is coming out; all these people, who have felt that moly prices would pull back, now have a perfectly good reason to alter their opinions! I believe we will read lots of articles, in the near future, from analysts and newsletter writers who have "flip-flopped" with their opinion on the future direction in the price of moly. Even Jim Cramer on "romper room" or excuse me I mean CNBC was talking about the positive future of the base metals and moly as one base metal in particular. In other words the rest of the investing world is beginning to stand up and take notice.

LOOK OUT WORLD BECAUSE HERE COMES MOLY AND THE MOLY STOCKS! I feel that moly, as a sector will outperform and give returns better than the oil and uranium sectors. After all why mess with uranium and the consequences of the liabilities and cleaning the messes it leaves behind when you can burn pollution-free coal and stranded natural gas FOR A LOT LESS THAN IT COSTS TODAY TO FILL OUR CARS AND HEAT OUR HOMES.

With the vast quantities of coal and stranded natural gas that exists in the world today the US and the rest of the world can become completely independent in the development and supplies OF THEIR OWN NATURAL RESOURCES FOR CENTURIES TO COME. Wouldn't this be an absolutely wonderful feeling and position to be in for the rest of our lives and the lives of generations to come? Wouldn't it be great to leave our children and grandchildren something to be proud of? Isn't it about time for the people of the world to stand up and demand that attention and vast amounts of capital be spent on the development of this absolutely necessary and timely power and technology!

For those of you who believe that a recession or depression is eminent, after the hyperinflation, and the resulting slowdown will change the demand for moly; I ask you to think about this. What will the government do when the economy comes to a standstill?

I believe that our government will do exactly what they did in the depression of the 30's; except this time the money will be spent to completely realign our energy industry. I believe they will create vast quantities of jobs that will put the people back to work. I also believe these jobs will be of the same nature that existed in the 30's when The Hoover Dam was built. I believe power plants across the country will be built and these power plants will run on coal and stranded natural gas using vast quantities of moly as a catalyst to clean the impurities.

In other words I believe a slowdown in the US could create a greater demand for moly as a result of the money being spent in a manner that puts people back to work and at the same time solves our great countries energy and pollution needs with all the problems that go with it! This would take negative, short term, economic times and transfer that pain into long term growth and gain for future generations to come.

#### **APPENDIX III**

#### SAMPLE DESCRIPTIONS

3.1 Silt Sample Descriptions3.2 Rock Sample Descriptions3.3 Soil Sample Descriptions

### 3.1 Silt Sample Descriptions

Sample Number	Date	<b>UTM X</b>	UTM Y	UTM Zone	Turbidity	Depth (CM)	Size (1-5)	Quality
GHSXS004	20/07/2005	523949	5496297	UTM Nad 83 Zone 11N	LOW	5	4	4
GHSXS003	20/07/2005	523987	5496275	UTM Nad 83 Zone 11N	LOW	5	4	3
BSSXS001	11/07/2005	524700	5495986	UTM Nad 83 Zone 11N	LOW	15	4	4
DDSXS004	25/07/2005	524227	5498314	UTM Nad 83 Zone 11N	LOW	5	5	4
DDSXS003	25/07/2005	524212	5497967	UTM Nad 83 Zone 11N	LOW	5	5	5
DDSXS002	24/07/2005	523971	5498198	UTM Nad 83 Zone 11N	MED	5	3	3
DDSXS001	24/07/2005	523545	5498562	UTM Nad 83 Zone 11N	LOW	5	5	5

# **3.2 Rock Sample Descriptions**

SAMPLE NUMBER	DATE	LOCATION METHOD	ELEVATION	UTM X	UTM Y	UTM ZONE	ROCK TYPE MAJOR	COLOR FRESH	COLOUR WEATHERING	GRAINSIZE	MINERLIZATION MAJOR
BRSXR001	24/07/2005	GPS	2120	524575	5498242	NAD83 UTM ZONE 11N	Mudstone	black	rusty	fine	pyrite

#### **3.3 Soil Sample Descriptions**

SXL0100-00         18/07/2005 SOIL         525529         5469061[NAD 83 UTM ZONE 11N           SXL0100-25C         18/07/2005 SOIL         525574 3072         5496077 423]NAD 83 UTM ZONE 11N           SXL0100-75C         18/07/2005 SOIL         525577 43772         5496077 326]NAD 83 UTM ZONE 11N           SXL0100-75C         18/07/2005 SOIL         525577 0179         5496073 785]NAD 83 UTM ZONE 11N           SXL0101-16DE         18/07/2005 SOIL         525667.501         5496071.978[NAD 83 UTM ZONE 11N           SXL0101-15DE         18/07/2005 SOIL         525667.500         5496070.148]NAD 83 UTM ZONE 11N           SXL0101-15DE         18/07/2005 SOIL         525675.939         5496061.65[NAD 83 UTM ZONE 11N           SXL0102-205E         18/07/2005 SOIL         525775.939         5496061.65[NAD 83 UTM ZONE 11N           SXL0102-55DE         18/07/2005 SOIL         525775.939         5496057.416[NAD 83 UTM ZONE 11N           SXL0102-55DE         18/07/2005 SOIL         525869         5496057.416[NAD 83 UTM ZONE 11N           SXL0103-55DE         18/07/2005 SOIL         525869         5496057.416[NAD 83 UTM ZONE 11N           SXL0103-55DE         18/07/2005 SOIL         525869         5496057.416[NAD 83 UTM ZONE 11N           SXL0103-55DE         18/07/2005 SOIL         525605         54968517.00 83 UTM ZONE 11N	SAMPLE NUMBER	DATE	SAMPLE TYPE	UTM X	UTM Y	UTM ZONE
SXL0100-F0C         13/07/2005 SOIL         528574.3072         5496077.4231NAD 83 UTM ZONE 11N           SXL0100-F6C         13/07/2005 SOIL         525697179         5496073 561NAD 83 UTM ZONE 11N           SXL0101-F6C         13/07/2005 SOIL         52566719723         5496073 7851NAD 83 UTM ZONE 11N           SXL0101-F6C         13/07/2005 SOIL         525667197237         5496073 1481NAD 83 UTM ZONE 11N           SXL0101-F6C         13/07/2005 SOIL         5256787800         5496076 1481NAD 83 UTM ZONE 11N           SXL01012-F6C         13/07/2005 SOIL         525776 5930         5496068 231NAD 83 UTM ZONE 11N           SXL0102-F6C         13/07/2005 SOIL         525775 930         5496067 431NAD 83 UTM ZONE 11N           SXL0102-F6C         13/07/2005 SOIL         525775 930         5496067 431NAD 83 UTM ZONE 11N           SXL0102-F6C         13/07/2005 SOIL         525801 444         5496053 2781NAD 83 UTM ZONE 11N           SXL0103-F6C         13/07/2005 SOIL         525869         5496053 7781NAD 83 UTM ZONE 11N           SXL0104-F6C         13/07/2005 SOIL         525869         5496053 7781NAD 83 UTM ZONE 11N           SXL0104-F6C         13/07/2005 SOIL         525869         5496053 7781NAD 83 UTM ZONE 11N           SXL0104-F6C         13/07/2005 SOIL         525869         54969537 781NAD 83 UTM ZONE 11N      <						
SXL0100-75E         18/07/2005 SOIL         525597.0179         5496073 504 NAD 83 UTM ZONE 11N           SXL01011-00E         18/07/2005 SOIL         525642 4334         5496071 367 NAD 83 UTM ZONE 11N           SXL01011-02E         18/07/2005 SOIL         525642 4334         5496071 367 NAD 83 UTM ZONE 11N           SXL01011-75E         18/07/2005 SOIL         525667 8608         5496068 519ND 83 UTM ZONE 11N           SXL01012-02E         18/07/2005 SOIL         52577.0776         5496068 431 NAD 83 UTM ZONE 11N           SXL01012-02E         18/07/2005 SOIL         525778.7037         5496068 431 NAD 83 UTM ZONE 11N           SXL0102-75E         18/07/2005 SOIL         525778.7037         5496068 271 NAD 83 UTM ZONE 11N           SXL0102-75E         18/07/2005 SOIL         525874 1445         5496059 231 NAD 83 UTM ZONE 11N           SXL0103-76E         18/07/2005 SOIL         5258614 1445         5496059 231 NAD 83 UTM ZONE 11N           SXL0103-76E         18/07/2005 SOIL         525862         5496851 1AD 83 UTM ZONE 11N           SXL0104-001         18/07/2005 SOIL         525862         5498851 1AD 83 UTM ZONE 11N           SXL0104-001         18/07/2005 SOIL         525862         5498851 1AD 83 UTM ZONE 11N           SXL0104-001-22E         19/07/2005 SOIL         525862         5498851 1AD 83 UTM ZONE 11N <t< td=""><td>SXL01 00+25E</td><td>18/07/2005 SC</td><td>DIL</td><td>525551.5965</td><td>5496079.242</td><td>NAD 83 UTM ZONE 11N</td></t<>	SXL01 00+25E	18/07/2005 SC	DIL	525551.5965	5496079.242	NAD 83 UTM ZONE 11N
SXL0101+00E         18/07/2005         SOLL         52/66124         53/46127         SNL0101+25/261         18/07/2005         SOLL         52/66124         53/46124	SXL01 00+50E	18/07/2005 SC	DIL	525574.3072	5496077.423	NAD 83 UTM ZONE 11N
SXL0101+25E         18/07/2006         SOLL         525642.3394         546670.1467.NAD 83 UTM ZONE 11N           SXL0101+55E         18/07/2006         SOLL         525687.8608         5496063.329.NAD 83 UTM ZONE 11N           SXL0101-75E         18/07/2006         SOLL         525710.5716         5496065.3179.NAD 83 UTM ZONE 11N           SXL010102-25E         18/07/2006         SOLL         525713.522         5496064.691.NAD 83 UTM ZONE 11N           SXL010102-75E         18/07/2006         SOLL         525778.933         5496067.157.NAD 83 UTM ZONE 11N           SXL010103-100E         18/07/2006         SOLL         525778.7037         5496067.340.NAD 83 UTM ZONE 11N           SXL0103-25E         18/07/2006         SOLL         525889.468         5369.057.78 NAD 83 UTM ZONE 11N           SXL0103-725E         18/07/2006         SOLL         525889.2574         5496805.3778 NAD 83 UTM ZONE 11N           SXL0104-00-00         18/07/2006         SOLL         525889.2574         5495851.801 NAD 83 UTM ZONE 11N           SXL0104-00-00         18/07/2006         SOLL         525889.2574         5495851.801 NAD 83 UTM ZONE 11N           SXL0104-00-02         19/07/2008 SOLL         525897.25         5495854.107 NAD 83 UTM ZONE 11N           SXL0104-01-52         19/07/2008 SOLL         525697.26         34						
SXL01 01+50E         18/07/2005         SOIL         525865         5101         5446070.148         NAD 83 UTM ZONE 11N           SXL01 01+75E         18/07/2005         SOIL         525710.5716         5496066.51         NAD 83 UTM ZONE 11N           SXL01 02+50E         18/07/2005         SOIL         525710.5716         5496066.61         NAD 83 UTM ZONE 11N           SXL01 02+50E         18/07/2005         SOIL         525775.933         5480676.194.NAD 83 UTM ZONE 11N           SXL01 02+75E         18/07/2005         SOIL         525787.037         5480675.233         NAD 83 UTM ZONE 11N           SXL01 03+50E         18/07/2005         SOIL         525802.2578.1037         SA480655.597         NAD 83 UTM ZONE 11N           SXL01 03+50E         18/07/2005         SOIL         525862.567         5496055.178         NAD 83 UTM ZONE 11N           SXL01 04+00E         18/07/2005         SOIL         525862.567         5496851 NAD 83 UTM ZONE 11N           SXL01 04+01E         19/07/2005         SOIL         525862.576         5495861 NAD 83 UTM ZONE 11N           SXL01 04+02E         19/07/2005         SOIL         525675.25         5495861 NAD 83 UTM ZONE 11N           SXL01 04-075E         19/07/2005         SOIL         525676.73         5495846.487 NAD 83 UTM ZONE 11N						
SXL01 01+75E         18/07/2005 SOIL         525687 8608         6496065.329 NAD 83 UTM ZONE 11N           SXL01 02+25E         18/07/2005 SOIL         525713 2522         5496065 11NAD 83 UTM ZONE 11N           SXL01 02+25E         18/07/2005 SOIL         52575 593         5496065 127 NAD 83 UTM ZONE 11N           SXL01 02+75E         18/07/2005 SOIL         525775 703         5496057 127 NAD 83 UTM ZONE 11N           SXL01 03+25E         18/07/2005 SOIL         525804 1445         5496057 416 NAD 83 UTM ZONE 11N           SXL01 03+25E         18/07/2005 SOIL         525804 3535         5496055.57 NAD 83 UTM ZONE 11N           SXL01 03+50E         18/07/2005 SOIL         525605 5466         5496055.17 NAD 83 UTM ZONE 11N           SXL01 04+00E         18/07/2005 SOIL         525605         5496551.0AB 83 UTM ZONE 11N           SXL01 04+00E         18/07/2005 SOIL         525605         5495551.0AB 83 UTM ZONE 11N           SXL01 04+00E         19/07/2005 SOIL         525605         5495541.0AB 83 UTM ZONE 11N           SXL01 04+00E         19/07/2005 SOIL         525672         5495848.247 NAD 83 UTM ZONE 11N           SXL01 04+00E         19/07/2005 SOIL         5256728         5495844.347 NAD 83 UTM ZONE 11N           SXL01 04+00E         19/07/2005 SOIL         525772 373         5495844.407 NAD 83 UTM ZONE 11N						
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Sku01         18/07/2005         SOIL         528914         14/16         5498057         11/10           Sku01         03+50E         18/07/2005         SOIL         528844         152         5498057         16/0 NB 31/TM 2ONE         11/N           Sku01         03+50E         18/07/2005         SOIL         525805         54980537         781 NAD 33 UTM ZONE         11/N           Sku01         03+00E         18/07/2005         SOIL         525802         5498054         16/07/2005         SOIL         525802         5498054         16/07/2005         SOIL         525802         5498564         1671 NAD 33 UTM ZONE         11/N           Sku014         00+25E         19/07/2005         SOIL         525607         5249564         30 UTM ZONE         11/N           Sku014         00+25E         19/07/2005         SOIL         525697         5498644         30 UTM ZONE         11/N           Sku014         01+75E         19/07/2005         SOIL         525793         5498644         5498645         30 UTM ZONE         11/N           Sku014         02+75E         19/07/2005         SOIL         525879         3498844         4671 NAD 30 UTM ZONE         11/N           Sku014         02+75E						
SXL0103+25E         18/07/2005         SOIL         52844         1252         5496057 4161 MAD 83 UTM ZONE 11N           SXL0103+75E         18/07/2005         SOIL         528648,359         5496055,377 MAD 83 UTM ZONE 11N           SXL0104000         19/07/2005         SOIL         528692,2574         5496051,360 MAD 83 UTM ZONE 11N           SXL01A00+00         19/07/2005         SOIL         525605         5496651 MAD 83 UTM ZONE 11N           SXL01A00+25E         19/07/2005         SOIL         525651,7185         5495640,187 MAD 83 UTM ZONE 11N           SXL01A00+75E         19/07/2005         SOIL         525661,7185         5495644,187 MAD 83 UTM ZONE 11N           SXL01A00+75E         19/07/2005         SOIL         525693,781         5495644,327 NAD 83 UTM ZONE 11N           SXL01A01+75E         19/07/2005         SOIL         525745,3447         5495844,487 NAD 83 UTM ZONE 11N           SXL01A01+75E         19/07/2005         SOIL         525745,3447         5495844,487 NAD 83 UTM ZONE 11N           SXL01A02+50E         19/07/2005         SOIL         525745,3447         5495844,487 NAD 83 UTM ZONE 11N           SXL01A02+52E         19/07/2005         SOIL         525876,307         5495844,487 NAD 83 UTM ZONE 11N           SXL01A02+52E         19/07/2005         SOIL						
SXL0103+60E         18/07/2005         E01L         528464.6359         5496055.597 NAD 83 UTM ZONE 11N           SXL0103775E         18/07/2005         SOIL         528695.466         5496051.39         NAD 83 UTM ZONE 11N           SXL010400E         19/07/2005         SOIL         525692.2574         5496851.08         NAD 83 UTM ZONE 11N           SXL011A00+50E         19/07/2005         SOIL         525628.1669         5495850.088         NAD 83 UTM ZONE 11N           SXL011A00+50E         19/07/2005         SOIL         525628.16649         5495864.247         NAD 83 UTM ZONE 11N           SXL014A01+50E         19/07/2005         SOIL         5256723.132         5495844.247         NAD 83 UTM ZONE 11N           SXL014A01+50E         19/07/2005         SOIL         525722.9779         5495844.267         NAD 83 UTM ZONE 11N           SXL014A01+50E         19/07/2005         SOIL         525792.9079         5495843.646         NAD 83 UTM ZONE 11N           SXL014A02+25E         19/07/2005         SOIL         525872.9079         5495843.646         NAD 83 UTM ZONE 11N           SXL014A02+25E         19/07/2005         SOIL         525887.0344         5495844.667         NAD 83 UTM ZONE 11N           SXL014A02+25E         19/07/2005         SOIL         525887.0344						
SXL0103+75E         18/07/2005         SOIL         528895.466         5496053.778 MAD 83 UTM ZONE 11N           SXL0104-000         19/07/2005         SOIL         525802         5495851.008         NAD 83 UTM ZONE 11N           SXL01A 00+00         19/07/2005         SOIL         525802         5495850.008         NAD 83 UTM ZONE 11N           SXL01A 00+50E         19/07/2005         SOIL         525828         168969         5495804.917         NAD 83 UTM ZONE 11N           SXL01A 00+50E         19/07/2005         SOIL         525687.25         5495844.247         NAD 83 UTM ZONE 11N           SXL01A 01+00E         19/07/2005         SOIL         525745.8447         5495844.367         NAD 83 UTM ZONE 11N           SXL01A 01+50E         19/07/2005         SOIL         525745.8447         5495844.367         NAD 83 UTM ZONE 11N           SXL01A 02+25E         19/07/2005         SOIL         525782.9079         5495844.367         NAD 83 UTM ZONE 11N           SXL01A 02+25E         19/07/2005         SOIL         525835.026         5495840.886         NAD 83 UTM ZONE 11N           SXL01A 02+25E         19/07/2005         SOIL         525883.5026         5495840.886         NAD 83 UTM ZONE 11N           SXL01A 02+25E         19/07/2005         SOIL         525897.62						
SXL014 00-0E         18/07/2005 SOIL         52892.2574         549661 NAD 83 UTM ZONE 11N           SXL01A 00-0         19/07/2005 SOIL         52560         5495851 NAD 83 UTM ZONE 11N           SXL01A 00+25E         19/07/2005 SOIL         525651         549580.081 NAD 83 UTM ZONE 11N           SXL01A 00+75E         19/07/2005 SOIL         525651         549584.247 NAD 83 UTM ZONE 11N           SXL01A 00+75E         19/07/2005 SOIL         525672.5         549584.407 NAD 83 UTM ZONE 11N           SXL01A 01+25E         19/07/2005 SOIL         525723         549584.407 NAD 83 UTM ZONE 11N           SXL01A 01+50E         19/07/2005 SOIL         525745.8447         549584.467 NAD 83 UTM ZONE 11N           SXL01A 02+00E         19/07/2005 SOIL         525792.9079         549584.467 NAD 83 UTM ZONE 11N           SXL01A 02+00E         19/07/2005 SOIL         525839.971         549584.968 NAD 83 UTM ZONE 11N           SXL01A 02+50E         19/07/2005 SOIL         525839.971         549583.086 NAD 83 UTM ZONE 11N           SXL01A 02+52E         19/07/2005 SOIL         5258910.5657         549583.968 NAD 83 UTM ZONE 11N           SXL01A 02+52E         19/07/2005 SOIL         5258910.373         549583.086 NAD 83 UTM ZONE 11N           SXL01A 03+50E         19/07/2005 SOIL         5258910.3731         549583.968 NAD 83 UTM ZONE 11N						
SXL01A 00+00         19/07/2005 SOIL         525605         5496551 NAD 83 UTM ZONE 11N           SXL01A 00+52E         19/07/2005 SOIL         525628 1869         5495840.281 NAD 83 UTM ZONE 11N           SXL01A 00+75E         19/07/2005 SOIL         525675.25         5495847.327 NAD 83 UTM ZONE 11N           SXL01A 01+00E         19/07/2005 SOIL         525697.215         5495847.327 NAD 83 UTM ZONE 11N           SXL01A 01+05E         19/07/2005 SOIL         525772.3132         5495847.327 NAD 83 UTM ZONE 11N           SXL01A 01+5E         19/07/2005 SOIL         525742.447         5495845.487 NAD 83 UTM ZONE 11N           SXL01A 01+75E         19/07/2005 SOIL         525769.3763         5495843.647 NAD 83 UTM ZONE 11N           SXL01A 02+25E         19/07/2005 SOIL         525813.971         5495841.868 NAD 83 UTM ZONE 11N           SXL01A 02+25E         19/07/2005 SOIL         525813.026         5495840.886 NAD 83 UTM ZONE 11N           SXL01A 02+5E         19/07/2005 SOIL         525813.026         5495843.046 NAD 83 UTM ZONE 11N           SXL01A 03+0E         19/07/2005 SOIL         525813.0973         5495839.045 NAD 83 UTM ZONE 11N           SXL01A 03+5E         19/07/2005 SOIL         525914.0973         5495837.251 NAD 83 UTM ZONE 11N           SXL01A 03+5E         19/07/2005 SOIL         525914.0973         5495837.251 NAD 83 U						
SXL01A 00+25E         19/07/2005 SOIL         525628.1669         5495840.167 NAD 83 UTM ZONE 11N           SXL01A 00+75E         19/07/2005 SOIL         525651.7185         5495840.167 NAD 83 UTM ZONE 11N           SXL01A 00+75E         19/07/2005 SOIL         525699.7816         5495846.247 NAD 83 UTM ZONE 11N           SXL01A 01+02E         19/07/2005 SOIL         52572.312         5495846.407 NAD 83 UTM ZONE 11N           SXL01A 01+52E         19/07/2005 SOIL         525745.8447         5495844.567 NAD 83 UTM ZONE 11N           SXL01A 01+52E         19/07/2005 SOIL         525792.9079         5495841.567 NAD 83 UTM ZONE 11N           SXL01A 02+25E         19/07/2005 SOIL         525891.9763         5495841.366 NAD 83 UTM ZONE 11N           SXL01A 02+25E         19/07/2005 SOIL         525891.971         5495841.806 NAD 83 UTM ZONE 11N           SXL01A 02+75E         19/07/2005 SOIL         525891.973         5495839.966 NAD 83 UTM ZONE 11N           SXL01A 02+75E         19/07/2005 SOIL         525891.973         5495839.8125 NAD 83 UTM ZONE 11N           SXL01A 03+25E         19/07/2005 SOIL         525991.9657         5495839.4125 NAD 83 UTM ZONE 11N           SXL01A 03+25E         19/07/2005 SOIL         525991.9657         5495839.4125 NAD 83 UTM ZONE 11N           SXL01A 03+25E         19/07/2005 SOIL         525991.96657 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td></td<>						
SXL01A 00+50E         19/07/2005         SOIL         526561.7185         5495841.2471NAD 83 UTM ZONE 11N           SXL01A 00+75E         19/07/2005         SOIL         525696.7816         5495843.2471NAD 83 UTM ZONE 11N           SXL01A 01+25E         19/07/2005         SOIL         525772.3132         5495845.4871NAD 83 UTM ZONE 11N           SXL01A 01+25E         19/07/2005         SOIL         525742.3132         5495845.4871NAD 83 UTM ZONE 11N           SXL01A 01+75E         19/07/2005         SOIL         525742.3132         5495843.6461NAD 83 UTM ZONE 11N           SXL01A 02+75E         19/07/2005         SOIL         52579.3763         5495843.6461NAD 83 UTM ZONE 11N           SXL01A 02+75E         19/07/2005         SOIL         525819.971         5495841.8061NAD 83 UTM ZONE 11N           SXL01A 02+75E         19/07/2005         SOIL         525883.9071         5495839.0481 83 UTM ZONE 11N           SXL01A 03+25E         19/07/2005         SOIL         525810.567         5495839.0481 NAB 83 UTM ZONE 11N           SXL01A 03+50E         19/07/2005         SOIL         525954.0973         5495837.205 NAD 83 UTM ZONE 11N           SXL01A 04+50E         19/07/2005         SOIL         526064.6919         5495833.661 NAD 83 UTM ZONE 11N           SXL01A 04+50E         19/07/2005         SOIL						
SXL01A 00+75E         19/07/2005 SOIL         525675 25         5495847 327 NAD 83 UTM ZONE 11N           SXL01A 01+00E         19/07/2005 SOIL         525698,7816         5495847,327 NAD 83 UTM ZONE 11N           SXL01A 01+25E         19/07/2005 SOIL         525745,8447         5495846,407 NAD 83 UTM ZONE 11N           SXL01A 01+55E         19/07/2005 SOIL         525745,8447         5495844,567 NAD 83 UTM ZONE 11N           SXL01A 01+75E         19/07/2005 SOIL         525792,9079         5495844,567 NAD 83 UTM ZONE 11N           SXL01A 02+25E         19/07/2005 SOIL         525814,394         5495844,276 NAD 83 UTM ZONE 11N           SXL01A 02+50E         19/07/2005 SOIL         525814,394         5495841,806 NAD 83 UTM ZONE 11N           SXL01A 02+50E         19/07/2005 SOIL         525830,971         5495831,906 NAD 83 UTM ZONE 11N           SXL01A 03+5E         19/07/2005 SOIL         525810,557         5495838,125 NAD 83 UTM ZONE 11N           SXL01A 03+5E         19/07/2005 SOIL         525910,557         5495838,125 NAD 83 UTM ZONE 11N           SXL01A 03+75E         19/07/2005 SOIL         525967,6288         5495837,205 NAD 83 UTM ZONE 11N           SXL01A 04+25E         19/07/2005 SOIL         526075,2866         5495837,205 NAD 83 UTM ZONE 11N           SXL01A 04+55E         19/07/2005 SOIL         526075,2866         5495835						
SXL01A 01+00E         19/07/2005 SOIL         525698.7816         5495846.407 NAD 83 UTM ZONE 11N           SXL01A 01+5DE         19/07/2005 SOIL         525742.3132         5495846.407 NAD 83 UTM ZONE 11N           SXL01A 01+5DE         19/07/2005 SOIL         525742.8447         5495845.487 NAD 83 UTM ZONE 11N           SXL01A 01+75E         19/07/2005 SOIL         525792.9079         5495844.567 NAD 83 UTM ZONE 11N           SXL01A 02+25E         19/07/2005 SOIL         525839.2079         5495844.567 NAD 83 UTM ZONE 11N           SXL01A 02+25E         19/07/2005 SOIL         525839.2079         5495844.868 NAD 83 UTM ZONE 11N           SXL01A 02+7E         19/07/2005 SOIL         5258387.0341         5495849.868 NAD 83 UTM ZONE 11N           SXL01A 03+02E         19/07/2005 SOIL         525891.6567         5495849.868 NAD 83 UTM ZONE 11N           SXL01A 03+2E         19/07/2005 SOIL         525997.6288         5495837.205 NAD 83 UTM ZONE 11N           SXL01A 03+5DE         19/07/2005 SOIL         525997.6288         5495837.205 NAD 83 UTM ZONE 11N           SXL01A 04+25E         19/07/2005 SOIL         525997.6288         5495834.458 NAD 83 UTM ZONE 11N           SXL01A 04+25E         19/07/2005 SOIL         526097.2866         5495833.528 NAD 83 UTM ZONE 11N           SXL01A 04+25E         19/07/2005 SOIL         526004.6191 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td></td<>						
SXL01A 01+50E         19/07/2005         SOIL         525749.3763         5495844.647         NAD 83 UTM ZONE 11N           SXL01A 01+75E         19/07/2005         SOIL         525769.3763         5495844.667         NAD 83 UTM ZONE 11N           SXL01A 02+00E         19/07/2005         SOIL         525769.3763         5495844.867         NAD 83 UTM ZONE 11N           SXL01A 02+25E         19/07/2005         SOIL         525819.971         5495841.806         NAD 83 UTM ZONE 11N           SXL01A 02+25E         19/07/2005         SOIL         525883.971         5495840.886         NAD 83 UTM ZONE 11N           SXL01A 03+25E         19/07/2005         SOIL         525894.0973         5495833.045         NAD 83 UTM ZONE 11N           SXL01A 03+50E         19/07/2005         SOIL         525991.1604         5495833.265         NAD 83 UTM ZONE 11N           SXL01A 04+50E         19/07/2005         SOIL         525991.1604         5495833.261         NAD 83 UTM ZONE 11N           SXL01A 04+50E         19/07/2005         SOIL         526061.7551         5495833.545         NAD 83 UTM ZONE 11N           SXL01A 04+50E         19/07/2005         SOIL         526075.2866         5495833.624         NAD 83 UTM ZONE 11N           SXL01A 04+50E         19/07/2005         SOIL	SXL01A 01+00E	19/07/2005 SC	DIL	525698.7816	5495847.327	NAD 83 UTM ZONE 11N
SXL01A 01+75E         19/07/2005         SOIL         525762.9079         5495843.648         NAD 83 UTM ZONE 11N           SXL01A 02+00E         19/07/2005         SOIL         525792.9079         5495843.226         NAD 83 UTM ZONE 11N           SXL01A 02+25E         19/07/2005         SOIL         525839.971         5495841.276         NAD 83 UTM ZONE 11N           SXL01A 02+50E         19/07/2005         SOIL         525839.971         5495840.848         NAD 83 UTM ZONE 11N           SXL01A 03+50E         19/07/2005         SOIL         525847.0341         5495839.968         NAD 83 UTM ZONE 11N           SXL01A 03+50E         19/07/2005         SOIL         525843.0973         5495833.048         NAD 83 UTM ZONE 11N           SXL01A 03+50E         19/07/2005         SOIL         525891.604         5495837.305         NAD 83 UTM ZONE 11N           SXL01A 04+50E         19/07/2005         SOIL         525891.1604         5495833.540         NAD 83 UTM ZONE 11N           SXL01A 04+50E         19/07/2005         SOIL         526057.5286         5495833.540         NAD 83 UTM ZONE 11N           SXL01A 04+50E         19/07/2005         SOIL         526057.5286         5495833.540         NAD 83 UTM ZONE 11N           SXL01A 04+50E         19/07/2005         SOIL	SXL01A 01+25E	19/07/2005 SC	DIL	525722.3132	5495846.407	NAD 83 UTM ZONE 11N
SXL01A 02+00E         19/07/2005         SOIL         525792.0079         5405843.646         NAD 83 UTM ZONE 11N           SXL01A 02+25E         19/07/2005         SOIL         525816.4334         5495842.726         NAD 83 UTM ZONE 11N           SXL01A 02+75E         19/07/2005         SOIL         525863.5026         5495840.886         NAD 83 UTM ZONE 11N           SXL01A 02+75E         19/07/2005         SOIL         525867.0341         5495839.961         NAD 83 UTM ZONE 11N           SXL01A 03+05E         19/07/2005         SOIL         5258910.5657         5495833.966         NAD 83 UTM ZONE 11N           SXL01A 03+50E         19/07/2005         SOIL         525910.5657         5495833.405         NAD 83 UTM ZONE 11N           SXL01A 03+50E         19/07/2005         SOIL         525940.973         5496837.265         NAD 83 UTM ZONE 11N           SXL01A 04+00E         19/07/2005         SOIL         526046.919         5495833.454         NAD 83 UTM ZONE 11N           SXL01A 04+05E         19/07/2005         SOIL         526061.7551         5495833.441         NAD 83 UTM ZONE 11N           SXL01A 04+75E         19/07/2005         SOIL         526075.2866         5495833.641 NAD 83 UTM ZONE 11N           SXL01A 06+50E         19/07/2005         SOIL         526075.286	SXL01A 01+50E	19/07/2005 SC	DIL	525745.8447	5495845.487	NAD 83 UTM ZONE 11N
SXL01A 02+25E         19/07/2005 SOIL         525816.4394         5495842.726 NAD 83 UTM ZONE 11N           SXL01A 02+75E         19/07/2005 SOIL         525839.971         5495841.806 NAD 83 UTM ZONE 11N           SXL01A 02+75E         19/07/2005 SOIL         525887.0341         5495840.868 NAD 83 UTM ZONE 11N           SXL01A 03+00E         19/07/2005 SOIL         525887.0341         5495839.966 NAD 83 UTM ZONE 11N           SXL01A 03+50E         19/07/2005 SOIL         525981.667         54968380.40 R3 UTM ZONE 11N           SXL01A 03+50E         19/07/2005 SOIL         525987.6288         5495837.205 NAD 83 UTM ZONE 11N           SXL01A 03+75E         19/07/2005 SOIL         525987.6288         5495833.65 NAD 83 UTM ZONE 11N           SXL01A 04+00E         19/07/2005 SOIL         526004.6919         5495833.265 NAD 83 UTM ZONE 11N           SXL01A 04+25E         19/07/2005 SOIL         526004.6919         5495833.244 NAB 83 UTM ZONE 11N           SXL01A 04+75E         19/07/2005 SOIL         5260075.2866         5495833.244 NAB 83 UTM ZONE 11N           SXL01A 04+75E         19/07/2005 SOIL         526122.3498         5495830.644 NAB 83 UTM ZONE 11N           SXL01A 05+50E         19/07/2005 SOIL         526142.84813         5495820.644 NAB 83 UTM ZONE 11N           SXL01A 06+50E         19/07/2005 SOIL         526142.3498         549	SXL01A 01+75E					NAD 83 UTM ZONE 11N
SXL01A 02+50E         19/07/2005 SOIL         525833 971         5495841 806 NAD 83 UTM ZONE 11N           SXL01A 02+75E         19/07/2005 SOIL         525887.0341         5495839.066 NAD 83 UTM ZONE 11N           SXL01A 03+00E         19/07/2005 SOIL         525887.0341         5495839.066 NAD 83 UTM ZONE 11N           SXL01A 03+25E         19/07/2005 SOIL         525910.5667         5495833.045 NAD 83 UTM ZONE 11N           SXL01A 03+75E         19/07/2005 SOIL         525957.5288         5495837.05 NAD 83 UTM ZONE 11N           SXL01A 03+75E         19/07/2005 SOIL         525957.6288         5495837.205 NAD 83 UTM ZONE 11N           SXL01A 04+00E         19/07/2005 SOIL         526028.2235         5495833.445 NAD 83 UTM ZONE 11N           SXL01A 04+75E         19/07/2005 SOIL         526028.2235         5495833.445 NAD 83 UTM ZONE 11N           SXL01A 04+75E         19/07/2005 SOIL         526028.232         5495833.644 NAD 83 UTM ZONE 11N           SXL01A 05+25E         19/07/2005 SOIL         526097.52866         5495832.604 NAD 83 UTM ZONE 11N           SXL01A 05+25E         19/07/2005 SOIL         526088.8182         5495833.644 NAD 83 UTM ZONE 11N           SXL01A 05+25E         19/07/2005 SOIL         526142.8418         5495820.031 NAB 30 UTM ZONE 11N           SXL01A 06+00E         19/07/2005 SOIL         526142.8415						
SXL01A 02+75E         19/07/2005         SOIL         525863.5026         5495840.886         NAD 83 UTM ZONE 11N           SXL01A 03+00E         19/07/2005         SOIL         525887.0341         5496839.966         NAD 83 UTM ZONE 11N           SXL01A 03+25E         19/07/2005         SOIL         525910.5657         5496839.045         NAD 83 UTM ZONE 11N           SXL01A 03+75E         19/07/2005         SOIL         525981.1604         5496833.205         NAD 83 UTM ZONE 11N           SXL01A 04+00E         19/07/2005         SOIL         525981.1604         5496836.285         NAD 83 UTM ZONE 11N           SXL01A 04+25E         19/07/2005         SOIL         526004.6919         5495833.565         NAD 83 UTM ZONE 11N           SXL01A 04+25E         19/07/2005         SOIL         526051.7551         5498833.524         NAD 83 UTM ZONE 11N           SXL01A 05+00E         19/07/2005         SOIL         526091.7551         5498833.644         NAD 83 UTM ZONE 11N           SXL01A 05+50E         19/07/2005         SOIL         526091.7551         5498831.684         NAD 83 UTM ZONE 11N           SXL01A 05+50E         19/07/2005         SOIL         526123.3494         5495821.681         NAD 83 UTM ZONE 11N           SXL01A 06+50E         19/07/2005         SOIL						
SXL01A 03+00E         19/07/2005         SOIL         525887.0341         5495839.966         NAD 83 UTM ZONE 11N           SXL01A 03+25E         19/07/2005         SOIL         525910.0567         5496833.125         NAD 83 UTM ZONE 11N           SXL01A 03+56E         19/07/2005         SOIL         525934.0973         5495833.125         NAD 83 UTM ZONE 11N           SXL01A 03+75E         19/07/2005         SOIL         525981.1604         5495837.205         NAD 83 UTM ZONE 11N           SXL01A 04+00E         19/07/2005         SOIL         525091.1604         5495835.365         NAD 83 UTM ZONE 11N           SXL01A 04+25E         19/07/2005         SOIL         526004.6919         5495833.542         NAD 83 UTM ZONE 11N           SXL01A 04+25E         19/07/2005         SOIL         526075.266         5495833.64         NAD 83 UTM ZONE 11N           SXL01A 05+50E         19/07/2005         SOIL         526075.266         5495831.64         NAD 83 UTM ZONE 11N           SXL01A 05+50E         19/07/2005         SOIL         526122.3496         5495831.64         NAD 83 UTM ZONE 11N           SXL01A 06+55E         19/07/2005         SOIL         526145.8412         5495828.924         NAD 83 UTM ZONE 11N           SXL01A 06+55E         19/07/2005         SOIL         <						
SXL01A 03+25E         19/07/2005 SOIL         525910.5657         5495839.045 NAD 83 UTM ZONE 11N           SXL01A 03+50E         19/07/2005 SOIL         525937.0288         5495837.205 NAD 83 UTM ZONE 11N           SXL01A 03+75E         19/07/2005 SOIL         525957.6288         5495837.205 NAD 83 UTM ZONE 11N           SXL01A 04+00E         19/07/2005 SOIL         525097.6288         5495837.305 NAD 83 UTM ZONE 11N           SXL01A 04+50E         19/07/2005 SOIL         526008.2235         5495833.524 NAD 83 UTM ZONE 11N           SXL01A 04+50E         19/07/2005 SOIL         526008.2235         5495833.524 NAD 83 UTM ZONE 11N           SXL01A 04+50E         19/07/2005 SOIL         526098.182         5495833.604 NAD 83 UTM ZONE 11N           SXL01A 05+25E         19/07/2005 SOIL         526098.182         5495831.684 NAD 83 UTM ZONE 11N           SXL01A 05+55E         19/07/2005 SOIL         526192.3498         5495829.844 NAD 83 UTM ZONE 11N           SXL01A 05+55E         19/07/2005 SOIL         526192.9445         5495828.923 NAD 83 UTM ZONE 11N           SXL01A 06+25E         19/07/2005 SOIL         526192.9445         5495828.923 NAD 83 UTM ZONE 11N           SXL01A 06+25E         19/07/2005 SOIL         526240.076         5495827.083 NAD 83 UTM ZONE 11N           SXL01A 07+5E         19/07/2005 SOIL         526240.076         549						
SXL01A 03+50E         19/07/2005         SOIL         525934.0973         5495838.125         NAD 83 UTM ZONE 11N           SXL01A 03+75E         19/07/2005         SOIL         525957.6288         5495837.205         NAD 83 UTM ZONE 11N           SXL01A 04+00E         19/07/2005         SOIL         525981.1604         5495833.656         NAD 83 UTM ZONE 11N           SXL01A 04+25E         19/07/2005         SOIL         526004.6919         5495833.645         NAD 83 UTM ZONE 11N           SXL01A 04+55E         19/07/2005         SOIL         526051.7551         5495833.524         NAD 83 UTM ZONE 11N           SXL01A 05+02E         19/07/2005         SOIL         526075.2666         5495832.604         NAD 83 UTM ZONE 11N           SXL01A 05+25E         19/07/2005         SOIL         526175.51         5495833.1684         NAD 83 UTM ZONE 11N           SXL01A 05+25E         19/07/2005         SOIL         526145.8813         5495829.844         NAD 83 UTM ZONE 11N           SXL01A 06+00E         19/07/2005         SOIL         526145.8813         5495828.003         NAD 83 UTM ZONE 11N           SXL01A 06+55E         19/07/2005         SOIL         526216.476         5495827.083         NAD 83 UTM ZONE 11N           SXL01A 06+75E         19/07/2005         SOIL						
SXL01A 03+75E         19/07/2005         SOIL         525957.6288         5495837.205         NAD 83 UTM ZONE 11N           SXL01A 04+00E         19/07/2005         SOIL         525004.6919         5495835.365         NAD 83 UTM ZONE 11N           SXL01A 04+25E         19/07/2005         SOIL         526004.6919         5495835.365         NAD 83 UTM ZONE 11N           SXL01A 04+25E         19/07/2005         SOIL         5260051.7551         5495833.524         NAD 83 UTM ZONE 11N           SXL01A 04+75E         19/07/2005         SOIL         5260051.7551         5495833.524         NAD 83 UTM ZONE 11N           SXL01A 05+25E         19/07/2005         SOIL         526098.8182         5495831.684         NAD 83 UTM ZONE 11N           SXL01A 05+25E         19/07/2005         SOIL         526192.3498         5495829.844         NAD 83 UTM ZONE 11N           SXL01A 05+52E         19/07/2005         SOIL         526145.8813         5495829.803         NAD 83 UTM ZONE 11N           SXL01A 06+52E         19/07/2005         SOIL         526142.3498         5495827.003         NAD 83 UTM ZONE 11N           SXL01A 06+52E         19/07/2005         SOIL         526142.445         5495827.003         NAD 83 UTM ZONE 11N           SXL01A 06+52E         19/07/2005         SOIL						
SXL01A 04+00E         19/07/2005         SOIL         525981.1604         5495836.285         NAD 83 UTM ZONE 11N           SXL01A 04+25E         19/07/2005         SOIL         526004.6919         5495833.452         NAD 83 UTM ZONE 11N           SXL01A 04+50E         19/07/2005         SOIL         526028.2235         5495833.452         NAD 83 UTM ZONE 11N           SXL01A 04+75E         19/07/2005         SOIL         526051.7551         5495833.624         NAD 83 UTM ZONE 11N           SXL01A 05+00E         19/07/2005         SOIL         526061.52866         5495830.764         NAD 83 UTM ZONE 11N           SXL01A 05+50E         19/07/2005         SOIL         526122.3498         5495830.764         NAD 83 UTM ZONE 11N           SXL01A 05+50E         19/07/2005         SOIL         526122.3498         5495829.844         NAD 83 UTM ZONE 11N           SXL01A 06+55E         19/07/2005         SOIL         526149.2445         5495827.083         NAD 83 UTM ZONE 11N           SXL01A 06+25E         19/07/2005         SOIL         526240.0076         5495827.083         NAD 83 UTM ZONE 11N           SXL01A 06+75E         19/07/2005         SOIL         526287.0707         5495827.083         NAD 83 UTM ZONE 11N           SXL01A 07+70E         19/07/2005         SOIL						
SXL01A 04+25E         19/07/2005         SOIL         526004.6919         5495835.365         NAD 83 UTM ZONE 11N           SXL01A 04+50E         19/07/2005         SOIL         526028.2235         5495833.524         NAD 83 UTM ZONE 11N           SXL01A 04+75E         19/07/2005         SOIL         526051.7551         5495833.504         NAD 83 UTM ZONE 11N           SXL01A 05+00E         19/07/2005         SOIL         526075.2866         5495832.604         NAD 83 UTM ZONE 11N           SXL01A 05+25E         19/07/2005         SOIL         526142.3498         5495830.764         NAD 83 UTM ZONE 11N           SXL01A 05+75E         19/07/2005         SOIL         526145.8813         5495828.023         NAD 83 UTM ZONE 11N           SXL01A 06+25E         19/07/2005         SOIL         526192.9445         5495828.023         NAD 83 UTM ZONE 11N           SXL01A 06+25E         19/07/2005         SOIL         526216.476         5495827.083         NAD 83 UTM ZONE 11N           SXL01A 06+75E         19/07/2005         SOIL         526216.476         5495827.083         NAD 83 UTM ZONE 11N           SXL01A 07+25E         19/07/2005         SOIL         526230.076         5495821.423         NAD 83 UTM ZONE 11N           SXL01A 07+25E         19/07/2005         SOIL						
SXL01A 04+50E         19/07/2005         SOIL         526028.2235         5495834.445         NAD 83 UTM ZONE 11N           SXL01A 04+75E         19/07/2005         SOIL         526051.7551         5495833.524         NAD 83 UTM ZONE 11N           SXL01A 05+00E         19/07/2005         SOIL         526075.2866         5495831.624         NAD 83 UTM ZONE 11N           SXL01A 05+50E         19/07/2005         SOIL         526098.8182         5495831.684         NAD 83 UTM ZONE 11N           SXL01A 05+55E         19/07/2005         SOIL         526122.3498         5495830.764         NAD 83 UTM ZONE 11N           SXL01A 06+50E         19/07/2005         SOIL         526145.8813         5495829.844         NAD 83 UTM ZONE 11N           SXL01A 06+25E         19/07/2005         SOIL         526142.3498         5495829.303         NAD 83 UTM ZONE 11N           SXL01A 06+25E         19/07/2005         SOIL         526216.476         5495827.083         NAD 83 UTM ZONE 11N           SXL01A 06+50E         19/07/2005         SOIL         5262240.0076         5495826.163         NAD 83 UTM ZONE 11N           SXL01A 07+25E         19/07/2005         SOIL         526287.0707         5495824.322         NAD 83 UTM ZONE 11N           SXL01A 07+25E         19/07/2005         SOIL						
SXL01A 04+75E         19/07/2005         SOIL         526057.5286         5495833.524         NAD 83 UTM ZONE 11N           SXL01A 05+00E         19/07/2005         SOIL         526075.2866         5495832.604         NAD 83 UTM ZONE 11N           SXL01A 05+50E         19/07/2005         SOIL         526098.8182         5495830.764         NAD 83 UTM ZONE 11N           SXL01A 05+50E         19/07/2005         SOIL         526142.3498         5495830.764         NAD 83 UTM ZONE 11N           SXL01A 05+50E         19/07/2005         SOIL         526145.8813         5495828.0764         NAD 83 UTM ZONE 11N           SXL01A 06+50E         19/07/2005         SOIL         526192.9445         5495828.003         NAD 83 UTM ZONE 11N           SXL01A 06+25E         19/07/2005         SOIL         526240.476         5495827.083         NAD 83 UTM ZONE 11N           SXL01A 06+50E         19/07/2005         SOIL         526240.0076         5495826.163         NAD 83 UTM ZONE 11N           SXL01A 07+50E         19/07/2005         SOIL         526240.0076         5495827.083         NAD 83 UTM ZONE 11N           SXL01A 07+50E         19/07/2005         SOIL         526263.5392         5495823.402         NAD 83 UTM ZONE 11N           SXL01A 07+50E         19/07/2005         SOIL						
SXL01A 05+00E         19/07/2005         SOIL         526075.2866         5495832.604         NAD 83 UTM ZONE 11N           SXL01A 05+25E         19/07/2005         SOIL         526098.8182         5495831.684         NAD 83 UTM ZONE 11N           SXL01A 05+50E         19/07/2005         SOIL         526122.3498         5495830.764         NAD 83 UTM ZONE 11N           SXL01A 05+75E         19/07/2005         SOIL         526145.8813         5495829.844         NAD 83 UTM ZONE 11N           SXL01A 06+00E         19/07/2005         SOIL         526192.9445         5495828.003         NAD 83 UTM ZONE 11N           SXL01A 06+50E         19/07/2005         SOIL         526216.476         5495827.083         NAD 83 UTM ZONE 11N           SXL01A 06+75E         19/07/2005         SOIL         526240.0076         5495827.083         NAD 83 UTM ZONE 11N           SXL01A 07+70E         19/07/2005         SOIL         526287.0707         5495826.423         NAD 83 UTM ZONE 11N           SXL01A 07+50E         19/07/2005         SOIL         526334.1339         5495824.322         NAD 83 UTM ZONE 11N           SXL01A 07+55E         19/07/2005         SOIL         526334.1339         5495824.322         NAD 83 UTM ZONE 11N           SXL01A 07+75E         19/07/2005         SOIL						
SXL01A 05+25E         19/07/2005         SOIL         526098.8182         5495831.684         NAD 83 UTM ZONE 11N           SXL01A 05+50E         19/07/2005         SOIL         526122.3498         5495830.764         NAD 83 UTM ZONE 11N           SXL01A 05+75E         19/07/2005         SOIL         526145.8813         5495829.844         NAD 83 UTM ZONE 11N           SXL01A 06+00E         19/07/2005         SOIL         526169.4129         5495828.923         NAD 83 UTM ZONE 11N           SXL01A 06+25E         19/07/2005         SOIL         526216.476         5495828.923         NAD 83 UTM ZONE 11N           SXL01A 06+50E         19/07/2005         SOIL         526240.076         5495827.083         NAD 83 UTM ZONE 11N           SXL01A 07+50E         19/07/2005         SOIL         526240.076         5495827.083         NAD 83 UTM ZONE 11N           SXL01A 07+52E         19/07/2005         SOIL         526287.0707         5495824.322         NAD 83 UTM ZONE 11N           SXL01A 07+55E         19/07/2005         SOIL         526331.6023         5495823.402         NAD 83 UTM ZONE 11N           SXL01A 07+55E         19/07/2005         SOIL         526341.6023         5495821.562         NAD 83 UTM ZONE 11N           SXL01A 07+55E         19/07/2005         SOIL						
SXL01A 05+50E         19/07/2005         SOIL         526122.3498         5495830.764         NAD 83 UTM ZONE 11N           SXL01A 05+75E         19/07/2005         SOIL         526145.8813         5495829.844         NAD 83 UTM ZONE 11N           SXL01A 06+00E         19/07/2005         SOIL         526169.4129         5495828.923         NAD 83 UTM ZONE 11N           SXL01A 06+25E         19/07/2005         SOIL         5261619.9445         5495827.083         NAD 83 UTM ZONE 11N           SXL01A 06+50E         19/07/2005         SOIL         526216.476         5495827.083         NAD 83 UTM ZONE 11N           SXL01A 06+75E         19/07/2005         SOIL         526240.0076         5495827.083         NAD 83 UTM ZONE 11N           SXL01A 07+00E         19/07/2005         SOIL         526283.5392         5495825.243         NAD 83 UTM ZONE 11N           SXL01A 07+52E         19/07/2005         SOIL         526230.0707         5495823.402         NAD 83 UTM ZONE 11N           SXL01A 07+55E         19/07/2005         SOIL         526314.1339         5495823.402         NAD 83 UTM ZONE 11N           SXL01A 07+55E         19/07/2005         SOIL         526347.6654         5495821.562         NAD 83 UTM ZONE 11N           SXL01A 08+05E         19/07/2005         SOIL						
SXL01A 06+00E         19/07/2005         SOIL         526169.4129         5495828.923         NAD 83 UTM ZONE 11N           SXL01A 06+25E         19/07/2005         SOIL         526192.9445         5495828.003         NAD 83 UTM ZONE 11N           SXL01A 06+25E         19/07/2005         SOIL         526216.476         5495827.083         NAD 83 UTM ZONE 11N           SXL01A 06+75E         19/07/2005         SOIL         526263.5392         5495825.243         NAD 83 UTM ZONE 11N           SXL01A 07+02E         19/07/2005         SOIL         526263.1392         5495825.243         NAD 83 UTM ZONE 11N           SXL01A 07+25E         19/07/2005         SOIL         526287.0707         5495823.402         NAD 83 UTM ZONE 11N           SXL01A 07+50E         19/07/2005         SOIL         526334.1339         5495823.402         NAD 83 UTM ZONE 11N           SXL01A 07+75E         19/07/2005         SOIL         526357.6654         5495821.562         NAD 83 UTM ZONE 11N           SXL01A 08+00E         19/07/2005         SOIL         526404.7286         5495819.722         NAD 83 UTM ZONE 11N           SXL01A 08+50E         19/07/2005         SOIL         526428.2601         5495818.801         NAD 83 UTM ZONE 11N           SXL01A 08+50E         19/07/2005         SOIL		19/07/2005 SC	DIL		5495830.764	NAD 83 UTM ZONE 11N
SXL01A 06+25E         19/07/2005         SOIL         526192.9445         5495828.003         NAD 83         UTM ZONE 11N           SXL01A 06+50E         19/07/2005         SOIL         526216.476         5495827.083         NAD 83         UTM ZONE 11N           SXL01A 06+75E         19/07/2005         SOIL         526240.0076         5495826.163         NAD 83         UTM ZONE 11N           SXL01A 07+00E         19/07/2005         SOIL         526283.5392         5495825.243         NAD 83         UTM ZONE 11N           SXL01A 07+25E         19/07/2005         SOIL         526287.0707         5495823.402         NAD 83         UTM ZONE 11N           SXL01A 07+55E         19/07/2005         SOIL         526331.139         5495823.402         NAD 83         UTM ZONE 11N           SXL01A 07+75E         19/07/2005         SOIL         526334.1339         5495822.482         NAD 83         UTM ZONE 11N           SXL01A 08+00E         19/07/2005         SOIL         526381.197         5495820.642         NAD 83         UTM ZONE 11N           SXL01A 08+25E         19/07/2005         SOIL         5264451.7917         5495817.681         NAD 83         UTM ZONE 11N           SXL01A 08+75E         19/07/2005         SOIL         526475.3233         5495817	SXL01A 05+75E	19/07/2005 SC	DIL	526145.8813	5495829.844	NAD 83 UTM ZONE 11N
SXL01A 06+50E         19/07/2005         SOIL         526216.476         5495827.083         NAD 83 UTM ZONE 11N           SXL01A 06+75E         19/07/2005         SOIL         526240.0076         5495826.163         NAD 83 UTM ZONE 11N           SXL01A 07+00E         19/07/2005         SOIL         526263.5392         5495825.243         NAD 83 UTM ZONE 11N           SXL01A 07+25E         19/07/2005         SOIL         526287.0707         5495824.322         NAD 83 UTM ZONE 11N           SXL01A 07+50E         19/07/2005         SOIL         526310.6023         5495823.402         NAD 83 UTM ZONE 11N           SXL01A 07+75E         19/07/2005         SOIL         526334.1339         5495821.402         NAD 83 UTM ZONE 11N           SXL01A 08+00E         19/07/2005         SOIL         526334.1339         5495821.562         NAD 83 UTM ZONE 11N           SXL01A 08+00E         19/07/2005         SOIL         526331.197         5495820.642         NAD 83 UTM ZONE 11N           SXL01A 08+25E         19/07/2005         SOIL         526404.7286         5495819.722         NAD 83 UTM ZONE 11N           SXL01A 08+50E         19/07/2005         SOIL         526428.2601         5495818.801         NAD 83 UTM ZONE 11N           SXL01A 09+50E         19/07/2005         SOIL	SXL01A 06+00E	19/07/2005 SC	DIL	526169.4129	5495828.923	NAD 83 UTM ZONE 11N
SXL01A 06+75E         19/07/2005         SOIL         526240.0076         5495826.163         NAD 83         UTM ZONE 11N           SXL01A 07+00E         19/07/2005         SOIL         526263.5392         5495825.243         NAD 83         UTM ZONE 11N           SXL01A 07+25E         19/07/2005         SOIL         526287.0707         5495824.322         NAD 83         UTM ZONE 11N           SXL01A 07+50E         19/07/2005         SOIL         526310.6023         5495823.402         NAD 83         UTM ZONE 11N           SXL01A 07+75E         19/07/2005         SOIL         526337.6654         5495822.482         NAD 83         UTM ZONE 11N           SXL01A 08+00E         19/07/2005         SOIL         526387.6654         5495820.642         NAD 83         UTM ZONE 11N           SXL01A 08+02E         19/07/2005         SOIL         526381.197         5495820.642         NAD 83         UTM ZONE 11N           SXL01A 08+50E         19/07/2005         SOIL         526440.7286         5495819.722         NAD 83         UTM ZONE 11N           SXL01A 08+75E         19/07/2005         SOIL         526451.7917         5495817.881         NAD 83         UTM ZONE 11N           SXL01A 09+00E         19/07/2005         SOIL         526475.3233         549581						
SXL01A 07+00E         19/07/2005 SOIL         526263.5392         5495825.243 NAD 83 UTM ZONE 11N           SXL01A 07+25E         19/07/2005 SOIL         526287.0707         5495824.322 NAD 83 UTM ZONE 11N           SXL01A 07+50E         19/07/2005 SOIL         526310.6023         5495823.402 NAD 83 UTM ZONE 11N           SXL01A 07+75E         19/07/2005 SOIL         526334.1339         5495822.482 NAD 83 UTM ZONE 11N           SXL01A 07+75E         19/07/2005 SOIL         526337.6654         5495821.562 NAD 83 UTM ZONE 11N           SXL01A 08+00E         19/07/2005 SOIL         526381.197         5495820.642 NAD 83 UTM ZONE 11N           SXL01A 08+25E         19/07/2005 SOIL         5264381.197         5495820.642 NAD 83 UTM ZONE 11N           SXL01A 08+50E         19/07/2005 SOIL         526404.7286         5495819.722 NAD 83 UTM ZONE 11N           SXL01A 08+75E         19/07/2005 SOIL         526428.2601         5495818.801 NAD 83 UTM ZONE 11N           SXL01A 09+00E         19/07/2005 SOIL         526451.7917         5495816.961 NAD 83 UTM ZONE 11N           SXL01A 09+25E         19/07/2005 SOIL         526498.8548         5495816.041 NAD 83 UTM ZONE 11N           SXL01A 09+50E         19/07/2005 SOIL         526498.8548         5495816.041 NAD 83 UTM ZONE 11N           SXL01A 09+50E         19/07/2005 SOIL         526546         5495						
SXL01A 07+25E         19/07/2005         SOIL         526287.0707         5495824.322         NAD 83 UTM ZONE 11N           SXL01A 07+50E         19/07/2005         SOIL         526310.6023         5495823.402         NAD 83 UTM ZONE 11N           SXL01A 07+75E         19/07/2005         SOIL         526334.1339         5495822.482         NAD 83 UTM ZONE 11N           SXL01A 08+00E         19/07/2005         SOIL         526357.6654         5495821.562         NAD 83 UTM ZONE 11N           SXL01A 08+02E         19/07/2005         SOIL         526381.197         5495820.642         NAD 83 UTM ZONE 11N           SXL01A 08+50E         19/07/2005         SOIL         526404.7286         5495819.722         NAD 83 UTM ZONE 11N           SXL01A 08+50E         19/07/2005         SOIL         526428.2601         5495819.722         NAD 83 UTM ZONE 11N           SXL01A 08+50E         19/07/2005         SOIL         526428.2601         5495818.801         NAD 83 UTM ZONE 11N           SXL01A 09+00E         19/07/2005         SOIL         526475.3233         5495816.061         NAD 83 UTM ZONE 11N           SXL01A 09+25E         19/07/2005         SOIL         526522.3864         5495816.041         NAD 83 UTM ZONE 11N           SXL01A 09+75E         19/07/2005         SOIL						
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SXL01A 07+75E         19/07/2005         SOIL         526334.1339         5495822.482         NAD 83 UTM ZONE 11N           SXL01A 08+00E         19/07/2005         SOIL         526357.6654         5495821.562         NAD 83 UTM ZONE 11N           SXL01A 08+25E         19/07/2005         SOIL         526381.197         5495820.642         NAD 83 UTM ZONE 11N           SXL01A 08+50E         19/07/2005         SOIL         526404.7286         5495819.722         NAD 83 UTM ZONE 11N           SXL01A 08+50E         19/07/2005         SOIL         526428.2601         5495819.722         NAD 83 UTM ZONE 11N           SXL01A 08+75E         19/07/2005         SOIL         526428.2601         5495818.801         NAD 83 UTM ZONE 11N           SXL01A 09+00E         19/07/2005         SOIL         526475.3233         5495816.961         NAD 83 UTM ZONE 11N           SXL01A 09+25E         19/07/2005         SOIL         526498.8548         5495816.041         NAD 83 UTM ZONE 11N           SXL01A 09+50E         19/07/2005         SOIL         526522.3864         5495815.121         NAD 83 UTM ZONE 11N           SXL01A 09+75E         19/07/2005         SOIL         5265131         5495814         NAD 83 UTM ZONE 11N           SXL01A 10+00E         19/07/2005         SOIL         5						
SXL01A 08+00E         19/07/2005         SOIL         526357.6654         5495821.562         NAD 83 UTM ZONE 11N           SXL01A 08+25E         19/07/2005         SOIL         526381.197         5495820.642         NAD 83 UTM ZONE 11N           SXL01A 08+50E         19/07/2005         SOIL         526404.7286         5495819.722         NAD 83 UTM ZONE 11N           SXL01A 08+75E         19/07/2005         SOIL         526428.2601         5495818.801         NAD 83 UTM ZONE 11N           SXL01A 09+00E         19/07/2005         SOIL         526451.7917         5495817.881         NAD 83 UTM ZONE 11N           SXL01A 09+00E         19/07/2005         SOIL         526475.3233         5495816.961         NAD 83 UTM ZONE 11N           SXL01A 09+25E         19/07/2005         SOIL         526475.3233         5495816.041         NAD 83 UTM ZONE 11N           SXL01A 09+50E         19/07/2005         SOIL         526522.3864         5495815.121         NAD 83 UTM ZONE 11N           SXL01A 10+00E         19/07/2005         SOIL         5265131         5495814         NAD 83 UTM ZONE 11N           SXL02 00+00         09/07/2005         SOIL         526131         5495586         NAD 83 UTM ZONE 11N           SXL02 00+25E         09/07/2005         SOIL         526155.0832 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
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SXL01A 08+75E         19/07/2005         SOIL         526428.2601         5495818.801         NAD 83 UTM ZONE 11N           SXL01A 09+00E         19/07/2005         SOIL         526451.7917         5495817.881         NAD 83 UTM ZONE 11N           SXL01A 09+25E         19/07/2005         SOIL         526475.3233         5495816.961         NAD 83 UTM ZONE 11N           SXL01A 09+25E         19/07/2005         SOIL         526475.3233         5495816.961         NAD 83 UTM ZONE 11N           SXL01A 09+50E         19/07/2005         SOIL         526498.8548         5495816.041         NAD 83 UTM ZONE 11N           SXL01A 09+75E         19/07/2005         SOIL         526522.3864         5495815.121         NAD 83 UTM ZONE 11N           SXL01A 10+00E         19/07/2005         SOIL         526546         5495814         NAD 83 UTM ZONE 11N           SXL02 00+00         09/07/2005         SOIL         526131         5495586         NAD 83 UTM ZONE 11N           SXL02 00+25E         09/07/2005         SOIL         526155.0832         5495584.794         NAD 83 UTM ZONE 11N           SXL02 00+25W         09/07/2005         SOIL         526105.2679         5495586.612         NAD 83 UTM ZONE 11N           SXL02 00+25W         09/07/2005         SOIL         526179.3351 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
SXL01A 09+00E         19/07/2005         SOIL         526451.7917         5495817.881         NAD 83 UTM ZONE 11N           SXL01A 09+25E         19/07/2005         SOIL         526475.3233         5495816.961         NAD 83 UTM ZONE 11N           SXL01A 09+50E         19/07/2005         SOIL         526498.8548         5495816.041         NAD 83 UTM ZONE 11N           SXL01A 09+75E         19/07/2005         SOIL         526522.3864         5495815.121         NAD 83 UTM ZONE 11N           SXL01A 09+75E         19/07/2005         SOIL         526522.3864         5495815.121         NAD 83 UTM ZONE 11N           SXL01A 10+00E         19/07/2005         SOIL         526546         5495814         NAD 83 UTM ZONE 11N           SXL02 00+00         09/07/2005         SOIL         526131         5495586         NAD 83 UTM ZONE 11N           SXL02 00+25E         09/07/2005         SOIL         526155.0832         5495584.794         NAD 83 UTM ZONE 11N           SXL02 00+25W         09/07/2005         SOIL         526105.2679         5495586.612         NAD 83 UTM ZONE 11N           SXL02 00+50E         09/07/2005         SOIL         526179.3351         5495583.546         NAD 83 UTM ZONE 11N						
SXL01A 09+25E         19/07/2005         SOIL         526475.3233         5495816.961         NAD 83 UTM ZONE 11N           SXL01A 09+50E         19/07/2005         SOIL         526498.8548         5495816.041         NAD 83 UTM ZONE 11N           SXL01A 09+75E         19/07/2005         SOIL         526522.3864         5495815.121         NAD 83 UTM ZONE 11N           SXL01A 10+00E         19/07/2005         SOIL         526526         5495814         NAD 83 UTM ZONE 11N           SXL02 00+00         09/07/2005         SOIL         526131         5495586         NAD 83 UTM ZONE 11N           SXL02 00+25E         09/07/2005         SOIL         526155.0832         5495584.794         NAD 83 UTM ZONE 11N           SXL02 00+25E         09/07/2005         SOIL         526105.2679         5495586.612         NAD 83 UTM ZONE 11N           SXL02 00+25W         09/07/2005         SOIL         526105.2679         5495586.612         NAD 83 UTM ZONE 11N           SXL02 00+50E         09/07/2005         SOIL         526179.3351         5495583.546         NAD 83 UTM ZONE 11N						
SXL01A 09+50E         19/07/2005         SOIL         526498.8548         5495816.041         NAD 83 UTM ZONE 11N           SXL01A 09+75E         19/07/2005         SOIL         526522.3864         5495815.121         NAD 83 UTM ZONE 11N           SXL01A 10+00E         19/07/2005         SOIL         526526.3864         5495815.121         NAD 83 UTM ZONE 11N           SXL02 00+00         09/07/2005         SOIL         526131         5495586         NAD 83 UTM ZONE 11N           SXL02 00+25E         09/07/2005         SOIL         526155.0832         5495584.794         NAD 83 UTM ZONE 11N           SXL02 00+25W         09/07/2005         SOIL         526105.2679         5495586.612         NAD 83 UTM ZONE 11N           SXL02 00+25W         09/07/2005         SOIL         526105.2679         5495586.612         NAD 83 UTM ZONE 11N           SXL02 00+50E         09/07/2005         SOIL         526179.3351         5495583.546         NAD 83 UTM ZONE 11N						
SXL01A 09+75E         19/07/2005         SOIL         526522.3864         5495815.121         NAD 83 UTM ZONE 11N           SXL01A 10+00E         19/07/2005         SOIL         526546         5495814         NAD 83 UTM ZONE 11N           SXL02 00+00         09/07/2005         SOIL         526131         5495586         NAD 83 UTM ZONE 11N           SXL02 00+25E         09/07/2005         SOIL         526155.0832         5495584.794         NAD 83 UTM ZONE 11N           SXL02 00+25W         09/07/2005         SOIL         526105.2679         5495586.612         NAD 83 UTM ZONE 11N           SXL02 00+50E         09/07/2005         SOIL         526179.3351         5495583.546         NAD 83 UTM ZONE 11N						
SXL01A 10+00E         19/07/2005         SOIL         526546         5495814         NAD 83 UTM ZONE 11N           SXL02 00+00         09/07/2005         SOIL         526131         5495586         NAD 83 UTM ZONE 11N           SXL02 00+25E         09/07/2005         SOIL         526155.0832         5495584.794         NAD 83 UTM ZONE 11N           SXL02 00+25W         09/07/2005         SOIL         526105.2679         5495586.612         NAD 83 UTM ZONE 11N           SXL02 00+50E         09/07/2005         SOIL         526179.3351         5495583.546         NAD 83 UTM ZONE 11N						
SXL02 00+00         09/07/2005 SOIL         526131         5495586 NAD 83 UTM ZONE 11N           SXL02 00+25E         09/07/2005 SOIL         526155.0832         5495584.794 NAD 83 UTM ZONE 11N           SXL02 00+25W         09/07/2005 SOIL         526105.2679         5495586.612 NAD 83 UTM ZONE 11N           SXL02 00+50E         09/07/2005 SOIL         526179.3351         5495583.546 NAD 83 UTM ZONE 11N						
SXL02 00+25W         09/07/2005 SOIL         526105.2679         5495586.612 NAD 83 UTM ZONE 11N           SXL02 00+50E         09/07/2005 SOIL         526179.3351         5495583.546 NAD 83 UTM ZONE 11N		09/07/2005 SC	DIL		5495586	
SXL02 00+50E 09/07/2005 SOIL 526179.3351 5495583.546 NAD 83 UTM ZONE 11N						
SXL02 00+50W 09/07/2005 SOIL 526079.7045  5495587.181 NAD 83 UTM ZONE 11N						
	SXL02 00+50W	09/07/2005 SC	JIL	526079.7045	5495587.181	NAD 83 UTM ZONE 11N

SAMPLE NUMBER	DATE	SAMPLE TYPE	UTM X	UTM Y	UTM ZONE
SXL02 00+75E	09/07/2005		526203.587		NAD 83 UTM ZONE 11N
SXL02 00+75W	09/07/2005	SOIL	526054.1411	5495587.75	NAD 83 UTM ZONE 11N
SXL02 01+00E	09/07/2005	SOIL	526227.8389	5495581.049	NAD 83 UTM ZONE 11N
SXL02 01+00W	09/07/2005	SOIL	526028.5777	5495588.32	NAD 83 UTM ZONE 11N
SXL02 01+25E	09/07/2005	SOIL	526252.0908	5495579.801	NAD 83 UTM ZONE 11N
SXL02 01+25W	09/07/2005	SOIL	526003.0143	5495588.889	NAD 83 UTM ZONE 11N
SXL02 01+50E	09/07/2005	SOIL	526276.3427	5495578.552	NAD 83 UTM ZONE 11N
SXL02 01+50W	09/07/2005	SOIL	525977.4508	5495589.458	NAD 83 UTM ZONE 11N
SXL02 01+75E	09/07/2005		526300.5946		NAD 83 UTM ZONE 11N
SXL02 01+75W	09/07/2005		525951.8874		NAD 83 UTM ZONE 11N
SXL02 02+00E	09/07/2005		526324.8465		NAD 83 UTM ZONE 11N
SXL02 02+00W	09/07/2005		525926.324		NAD 83 UTM ZONE 11N
SXL02 02+25E	09/07/2005		526349.0984		NAD 83 UTM ZONE 11N
SXL02 02+25W	09/07/2005		525900.7606		NAD 83 UTM ZONE 11N
SXL02 02+50E	09/07/2005		526373.3503		NAD 83 UTM ZONE 11N
SXL02 02+50W	09/07/2005		525875.1972		NAD 83 UTM ZONE 11N
SXL02 02+75E	09/07/2005		526397.6022		NAD 83 UTM ZONE 11N
SXL02 02+75W	09/07/2005		525849.6338		NAD 83 UTM ZONE 11N
SXL02 03+00E	09/07/2005		526421.8541		NAD 83 UTM ZONE 11N
SXL02 03+00W	09/07/2005		525824.0704		NAD 83 UTM ZONE 11N
SXL02 03+25E SXL02 03+25W	09/07/2005 09/07/2005		526446.106 525798.507		NAD 83 UTM ZONE 11N NAD 83 UTM ZONE 11N
SXL02 03+25W SXL02 03+50E	09/07/2005		526470.3579		NAD 83 UTM ZONE 11N
SXL02 03+50E	09/07/2005		525772.9436		NAD 83 UTM ZONE 11N
SXL02 03+3000 SXL02 03+75E	09/07/2005		526494.6098		NAD 83 UTM ZONE 11N
SXL02 03+75L SXL02 03+75W	09/07/2005		525747.3802		NAD 83 UTM ZONE 11N
SXL02 03+75W	09/07/2005		526518.8617		NAD 83 UTM ZONE 11N
SXL02 04+00L	09/07/2005		525721.8168		NAD 83 UTM ZONE 11N
SXL02 04+25E	09/07/2005		526543.1136		NAD 83 UTM ZONE 11N
SXL02 04+25W	09/07/2005		525696.2534		NAD 83 UTM ZONE 11N
SXL02 04+50E	09/07/2005		526567.3656		NAD 83 UTM ZONE 11N
SXL02 04+50W	09/07/2005		525670.69		NAD 83 UTM ZONE 11N
SXL02 04+75E	09/07/2005		526591.6175		NAD 83 UTM ZONE 11N
SXL02 04+75W	09/07/2005	SOIL	525645.1266	5495596.857	NAD 83 UTM ZONE 11N
SXL02 05+00E	09/07/2005	SOIL	526616	5495561	NAD 83 UTM ZONE 11N
SXL02 05+00W	09/07/2005	SOIL	525619		NAD 83 UTM ZONE 11N
SXL03 00+00	09/07/2005		525588	5495382	NAD 83 UTM ZONE 11N
SXL03 00+25E	09/07/2005		525610.7013		NAD 83 UTM ZONE 11N
SXL03 00+50E	09/07/2005		525633.5777		NAD 83 UTM ZONE 11N
SXL03 00+75E	09/07/2005		525656.4542		NAD 83 UTM ZONE 11N
SXL03 01+00E	09/07/2005		525679.3306		NAD 83 UTM ZONE 11N
SXL03 01+25E	09/07/2005		525702.207		NAD 83 UTM ZONE 11N
SXL03 01+50E	09/07/2005		525725.0834		NAD 83 UTM ZONE 11N
SXL03 01+75E	09/07/2005		525747.9598		NAD 83 UTM ZONE 11N
SXL03 02+00E	09/07/2005		525770.8362		NAD 83 UTM ZONE 11N
SXL03 02+25E	09/07/2005		525793.7126		NAD 83 UTM ZONE 11N
SXL03 02+50E	09/07/2005		525816.589		NAD 83 UTM ZONE 11N
SXL03 02+75E	09/07/2005		525839.4654		NAD 83 UTM ZONE 11N
SXL03 03+00E SXL03 03+25E	09/07/2005		525862.3418		NAD 83 UTM ZONE 11N NAD 83 UTM ZONE 11N
SXL03 03+25E SXL03 03+50E	09/07/2005 09/07/2005		525885.2182 525908.0947		NAD 83 UTM ZONE 11N
SXL03 03+50E	09/07/2005		525930.9711		NAD 83 UTM ZONE 11N
SXL03 04+00E	09/07/2005		525953.8475		NAD 83 UTM ZONE 11N
SXL03 04+00E	09/07/2005		525976.7239		NAD 83 UTM ZONE 11N
SXL03 04+23E SXL03 04+50E	09/07/2005		525999.6003		NAD 83 UTM ZONE 11N
SXL03 04+75E	09/07/2005		526022.4767		NAD 83 UTM ZONE 11N
SXL03 05+00E	09/07/2005		526045.3531		NAD 83 UTM ZONE 11N
SXL03 05+25E	09/07/2005		526068.2295		NAD 83 UTM ZONE 11N
SXL03 05+50E	09/07/2005		526091.1059		NAD 83 UTM ZONE 11N
SXL03 05+75E	09/07/2005		526113.9823		NAD 83 UTM ZONE 11N
SXL03 06+00E	09/07/2005		526136.8587		NAD 83 UTM ZONE 11N
SXL03 06+25E	09/07/2005		526159.7352		NAD 83 UTM ZONE 11N
SXL03 06+50E	09/07/2005		526182.6116		NAD 83 UTM ZONE 11N
	-		_		

SXL03 06+75E         09/07/2005 SOIL         528/205 488         549/5335 518 NAD 83 UTM ZONE 11N           SXL03 07+026         09/07/2005 SOIL         528/228 3844         549/5335 541 NAD 83 UTM ZONE 11N           SXL03 07+05E         09/07/2005 SOIL         528/251 2406         549/5333 541 NAD 83 UTM ZONE 11N           SXL03 07+05E         09/07/2005 SOIL         528/251 2406         549/5333 21 NAD 83 UTM ZONE 11N           SXL03 07+05E         09/07/2005 SOIL         528/351 83         549/5333 21 NAD 83 UTM ZONE 11N           SXL03 08+05D         09/07/2005 SOIL         528/351 287 NAD 83 UTM ZONE 11N           SXL03 08+05D         09/07/2005 SOIL         528/354 27 HAA 5832 UTM ZONE 11N           SXL03 08+05D         09/07/2005 SOIL         528/354 27 HAA 5832 UTM ZONE 11N           SXL03 09+05D         09/07/2005 SOIL         528/41 2521         549/5323 UTM ZONE 11N           SXL03 09+05D         09/07/2005 SOIL         528/41 221         549/5322 UTM ZONE 11N           SXL03 09+05D         09/07/2005 SOIL         528/41 221 XAD 83 UTM ZONE 11N           SXL03 09+05D         09/07/2005 SOIL         528/41 221 XAD 83 UTM ZONE 11N           SXL03 09+05D         09/07/2005 SOIL         528/51 221 XAD 83 UTM ZONE 11N           SXL03 09-010         09/07/2005 SOIL         528/51 21 XAD 83 UTM ZONE 11N           SXL03	SAMPLE NUMBER	DATE S	SAMPLE TYPE	UTM X	UTM Y	UTM ZONE
SXL03 07*26E         09/07/2005 SOIL         526251 2408         54495335 824 NAD 83 UTM ZONE 11N           SXL03 07*75E         09/07/2005 SOIL         526204 9933         6495333 21 NAD 83 UTM ZONE 11N           SXL03 07*05C         09/07/2005 SOIL         526204 9933         6495333 21 NAD 83 UTM ZONE 11N           SXL03 08*05C         09/07/2005 SOIL         526319 87         5495331 63 TMAD 83 UTM ZONE 11N           SXL03 08*05C         09/07/2005 SOIL         526385 6228         5495328 079 NAD 83 UTM ZONE 11N           SXL03 08*05C         09/07/2005 SOIL         526385 6228         5495328 171 NAD 83 UTM ZONE 11N           SXL03 09*05C         09/07/2005 SOIL         526451 1287         5495322 171 NAD 83 UTM ZONE 11N           SXL03 09*05C         09/07/2005 SOIL         526451 7288         5495322 171 NAD 83 UTM ZONE 11N           SXL03 09*05C         09/07/2005 SOIL         526451 7288         5495322 171 NAD 83 UTM ZONE 11N           SXL04 00*05         09/07/2005 SOIL         526503 578         5495134 211 NAD 83 UTM ZONE 11N           SXL04 00*05C         10/07/2005 SOIL         525500 578         5495134 211 NAD 83 UTM ZONE 11N           SXL04 00*05C         10/07/2005 SOIL         525600 578         5495134 211 NAD 83 UTM ZONE 11N           SXL04 00*05C         10/07/2005 SOIL         525600 578         5495134 211 NAD 83	SXL03 06+75E	09/07/2005 SC	DIL		5495339.518	NAD 83 UTM ZONE 11N
SXL03 07+50E         09/07/2005 ISOIL         528274 1172         5495331 7871NAD 83 UTM ZONE 11N           SXL03 07+50E         09/07/2005 ISOIL         52828 9936         5495331 631NAD 83 UTM ZONE 11N           SXL03 07+50E         09/07/2005 ISOIL         528312 874         5495331 631NAD 83 UTM ZONE 11N           SXL03 08+50E         09/07/2005 ISOIL         528342 7444         5495332 651NAD 83 UTM ZONE 11N           SXL03 08+50E         09/07/2005 ISOIL         528348 4993         5495328 4791NAD 83 UTM ZONE 11N           SXL03 08+50E         09/07/2005 ISOIL         528441 3757         5495325 3241NAD 83 UTM ZONE 11N           SXL03 09+50E         09/07/2005 ISOIL         528444 2221         5495323 471NAD 83 UTM ZONE 11N           SXL03 09+50E         09/07/2005 ISOIL         5284647 1286         5495320 531NAD 83 UTM ZONE 11N           SXL03 09+50E         09/07/2005 ISOIL         528546         5495319 INAD 83 UTM ZONE 11N           SXL03 00+50E         09/07/2005 ISOIL         528554         5495319 INAD 83 UTM ZONE 11N           SXL04 00+50E         10/07/2005 ISOIL         528554         5495134 212 NAD 83 UTM ZONE 11N           SXL04 00+50E         10/07/2005 ISOIL         528554         5495134 212 NAD 83 UTM ZONE 11N           SXL04 00+50E         10/07/2005 ISOIL         528554         5495134 212 NAD 83 UTM ZONE 11N <td>SXL03 07+00E</td> <td>09/07/2005 SC</td> <td>DIL</td> <td>526228.3644</td> <td>5495337.941</td> <td>NAD 83 UTM ZONE 11N</td>	SXL03 07+00E	09/07/2005 SC	DIL	526228.3644	5495337.941	NAD 83 UTM ZONE 11N
SXL03 07+75E         09/07/2006 SOIL         528/239 697         549/333 21 NAD 83 UTM ZONE 11N           SXL03 08+00E         09/07/2006 SOIL         528/349 2744         549/331 303 MAD 83 UTM ZONE 11N           SXL03 08+05E         09/07/2006 SOIL         528/342 744         549/333 0.06 NAD 83 UTM ZONE 11N           SXL03 08+05E         09/07/2006 SOIL         528/384 4993         549/528 79/NAD 83 UTM ZONE 11N           SXL03 08+00E         09/07/2006 SOIL         528/441 3757         549/528 24/NAD 83 UTM ZONE 11N           SXL03 09+00E         09/07/2006 SOIL         528/441 3757         549/5321 MAD 83 UTM ZONE 11N           SXL03 09+00E         09/07/2006 SOIL         528/441 3757         549/5321 MAD 83 UTM ZONE 11N           SXL03 09+00E         09/07/2006 SOIL         528/603 0.49/531 MAD 83 UTM ZONE 11N           SXL04 00+00         10/07/2006 SOIL         528/603 0.78         549/514 31 A10 A8 31 UTM ZONE 11N           SXL04 00+02E         10/07/2006 SOIL         528/603 0.776         549/514 31 A10 A8 31 UTM ZONE 11N           SXL04 00+50E         10/07/2006 SOIL         528/607 0776         549/514 31 A12 AND 83 UTM ZONE 11N           SXL04 00+50E         10/07/2006 SOIL         528/607 0776         549/513 A12 AND 83 UTM ZONE 11N           SXL04 01+52E         10/07/2006 SOIL         528/607 0776         549/513 A12 AND 83 UTM ZON	SXL03 07+25E	09/07/2005 SC	DIL	526251.2408		
SXL03 88+00E         09/07/2008 SOIL         528319 87         6445331:6331NAD 83 UTM ZONE 11N           SXL03 88+50E         09/07/2008 SOIL         528342 7464         5495320 567 NAD 83 UTM ZONE 11N           SXL03 88+50E         09/07/2008 SOIL         528384 4993         5495328 479 NAD 83 UTM ZONE 11N           SXL03 88+50E         09/07/2008 SOIL         5283441 3757         5495325 324 NAD 83 UTM ZONE 11N           SXL03 98+50E         09/07/2008 SOIL         5264471 1285         5495322 17N NAD 83 UTM ZONE 11N           SXL03 90+50E         09/07/2008 SOIL         5264457 1285         54953147 NAD 83 UTM ZONE 11N           SXL03 00+75E         09/07/2008 SOIL         525554         5495147 NAD 83 UTM ZONE 11N           SXL04 00+00         10/07/2008 SOIL         525572 7782         5495147 NAD 83 UTM ZONE 11N           SXL04 00+75E         10/07/2008 SOIL         525563 7776         5495147 NAD 83 UTM ZONE 11N           SXL04 00+75E         10/07/2008 SOIL         525574 7776         5495138 012 NAD 83 UTM ZONE 11N           SXL04 00+75E         10/07/2008 SOIL         525574 7776         5495138 012 NAD 83 UTM ZONE 11N           SXL04 00+75E         10/07/2008 SOIL         525574 7776         5495138 012 NAD 83 UTM ZONE 11N           SXL04 00+75E         10/07/2008 SOIL         5255763 7776         5495138 012 NAD 83 UTM ZONE 11	SXL03 07+50E	09/07/2005 SC	DIL	526274.1172	5495334.787	NAD 83 UTM ZONE 11N
SXL03 08+25E         09/07/2005 SOIL         526342 7464         549533 0.056 NAD 83 UTM ZONE 11N           SXL03 08+75E         09/07/2005 SOIL         526388 4993         549528 70 NAD 83 UTM ZONE 11N           SXL03 08+75E         09/07/2005 SOIL         526413 3757         5495323 247 NAD 83 UTM ZONE 11N           SXL03 09+23E         09/07/2005 SOIL         526434 2521         5495323 747 NAD 83 UTM ZONE 11N           SXL03 09+75E         09/07/2005 SOIL         526443 2421         5495322 17N NAD 83 UTM ZONE 11N           SXL03 09+75E         09/07/2005 SOIL         526480 0049         5495320 630 NAD 83 UTM ZONE 11N           SXL04 00+00         10/07/2008 SOIL         525677 2782         5495143 147 AAD 83 UTM ZONE 11N           SXL04 00+30E         10/07/2008 SOIL         525670 2778         5495143 417 AAD 83 UTM ZONE 11N           SXL04 00+75E         10/07/2008 SOIL         525670 2778         5495143 417 AAD 83 UTM ZONE 11N           SXL04 00+75E         10/07/2008 SOIL         525670 2778         5495134 417 AAD 83 UTM ZONE 11N           SXL04 01+75E         10/07/2008 SOIL         525670 2778         5495134 417 AAD 83 UTM ZONE 11N           SXL04 01+75E         10/07/2008 SOIL         525670 2778         5495134 417 AAD 83 UTM ZONE 11N           SXL04 01+75E         10/07/2008 SOIL         525670 2777         5495134 417 A	SXL03 07+75E	09/07/2005 SC	DIL	526296.9936	5495333.21	NAD 83 UTM ZONE 11N
SXL03 88+50E         0.907/2005 [SOIL         528/388 4993         549528 321 NAD 83 UTM ZONE 11N           SXL03 88+75E         0.907/2005 [SOIL         528/388 4993         549528 521 NAD 83 UTM ZONE 11N           SXL03 09+75E         0.907/2005 [SOIL         528/43 2221         5495323 241 NAD 83 UTM ZONE 11N           SXL03 09+75E         0.907/2005 [SOIL         528/43 2221         5495323 471 NAD 83 UTM ZONE 11N           SXL03 09+75E         0.907/2005 [SOIL         528/450 0409         5495320 891 AD 83 UTM ZONE 11N           SXL04 00+75E         0.907/2005 [SOIL         525574         5495147 NAD 83 UTM ZONE 11N           SXL04 00+75E         10.07/2005 [SOIL         525577 2782         548/5143 412 NAD 83 UTM ZONE 11N           SXL04 00+75E         10.07/2005 [SOIL         525600.778         549/5143 412 NAD 83 UTM ZONE 11N           SXL04 00+75E         10.07/2005 [SOIL         525607 4776         549/5138 412 NAD 83 UTM ZONE 11N           SXL04 01+75E         10.07/2005 [SOIL         525690 7476         549/5138 412 NAD 83 UTM ZONE 11N           SXL04 01+75E         10.07/2005 [SOIL         525697 7476         549/5138 412 NAD 83 UTM ZONE 11N           SXL04 01+75E         10.07/2005 [SOIL         525780 7476         549/5138 412 NAD 83 UTM ZONE 11N           SXL04 01+75E         10.07/2005 [SOIL         525780 7776         54	SXL03 08+00E	09/07/2005 SC	DIL			NAD 83 UTM ZONE 11N
SXL03 08+75E         09/07/2005 SOIL         528384.4993         5495325.324 NAD 83 UTM ZONE 11N           SXL03 08+000E         09/07/2005 SOIL         528411.3757         5495325.324 NAD 83 UTM ZONE 11N           SXL03 08+75E         09/07/2005 SOIL         528457.128         5495322.171 NAD 83 UTM ZONE 11N           SXL03 08+75E         09/07/2005 SOIL         528457.128         5495322.171 NAD 83 UTM ZONE 11N           SXL03 08+75E         09/07/2005 SOIL         528563         549512.171 NAD 83 UTM ZONE 11N           SXL04 00+00E         09/07/2005 SOIL         528554         549514.71 NAD 83 UTM ZONE 11N           SXL04 00+75E         10/07/2005 SOIL         525571 278 549514.71 RAD 83 UTM ZONE 11N           SXL04 00+75E         10/07/2005 SOIL         525693.7775         5495141.612 NAD 83 UTM ZONE 11N           SXL04 01+76E         10/07/2005 SOIL         525693.7775         5495143.412 NAD 83 UTM ZONE 11N           SXL04 01+76E         10/07/2005 SOIL         525670.777         5495136.212 NAD 83 UTM ZONE 11N           SXL04 01+76E         10/07/2005 SOIL         525740.377         5495136.212 NAD 83 UTM ZONE 11N           SXL04 01+76E         10/07/2005 SOIL         525740.377         5495136.212 NAD 83 UTM ZONE 11N           SXL04 02+75E         10/07/2005 SOIL         525740.377         5495136.212 NAD 83 UTM ZONE 11N	SXL03 08+25E	09/07/2005 SC	DIL			NAD 83 UTM ZONE 11N
SRL03 09+00E         0907/2005 SOIL         5264141 2521         5495325 324 [NAD 83 UTM ZONE 11N           SRL03 09+52E         0907/2005 SOIL         5264431 2521         5495322 17 [NAD 83 UTM ZONE 11N           SRL03 09+57E         0907/2005 SOIL         526480 0049         5495322 17 [NAD 83 UTM ZONE 11N           SRL03 09+75E         0907/2005 SOIL         526480 0049         5495329 031 NAD 83 UTM ZONE 11N           SRL04 00+00         1007/2005 SOIL         525557 2782         5495147 [NAD 83 UTM ZONE 11N           SRL04 00+25E         1007/2005 SOIL         525567 2782         5495143 112 [NAD 83 UTM ZONE 11N           SRL04 00+76E         1007/2005 SOIL         525600 376         5495143 112 [NAD 83 UTM ZONE 11N           SRL04 00+76E         1007/2005 SOIL         525670 4778         5495130 212 [NAD 83 UTM ZONE 11N           SRL04 01+76E         1007/2005 SOIL         525670 4778         5495130 212 [NAD 83 UTM ZONE 11N           SRL04 01+76E         1007/2005 SOIL         525710 777         5495132 A12 [NAD 83 UTM ZONE 11N           SRL04 01+76E         1007/2005 SOIL         52574 3777         5495132 A12 [NAD 83 UTM ZONE 11N           SRL04 02+76E         1007/2005 SOIL         52574 3777         5495132 A12 [NAD 83 UTM ZONE 11N           SRL04 02+75E         1007/2005 SOIL         525743 3777         5495132 A12 [NAD 83 UT	SXL03 08+50E					
SXL03 09:25E         09/07/2005 SOIL         52443 28:21         549532:21 TNAD 83 UTM ZONE 11N           SXL03 09:60E         09/07/2005 SOIL         526467 128: 549532:21 TNAD 83 UTM ZONE 11N           SXL03 09:76E         09/07/2005 SOIL         526457 128: 549532:17 NAD 83 UTM ZONE 11N           SXL03 10:00E         09/07/2005 SOIL         525560 578         549513; NAD 83 UTM ZONE 11N           SXL04 00:25E         10/07/2005 SOIL         525577 2782         5495143; 412 NAD 83 UTM ZONE 11N           SXL04 00:26E         10/07/2005 SOIL         525600 578         5495143; 412 NAD 83 UTM ZONE 11N           SXL04 00:56E         10/07/2005 SOIL         525600 578         5495134; 412 NAD 83 UTM ZONE 11N           SXL04 01:00E         10/07/2005 SOIL         525601 777         5495136; 712 NAD 83 UTM ZONE 11N           SXL04 01:55E         10/07/2005 SOIL         525674 .777         5495136; 712 NAD 83 UTM ZONE 11N           SXL04 01:55E         10/07/2005 SOIL         525740 .377         5495136; 712 NAD 83 UTM ZONE 11N           SXL04 02:25E         10/07/2005 SOIL         525740 .377         5495136; 712 NAD 83 UTM ZONE 11N           SXL04 02:25E         10/07/2005 SOIL         525786 976         5495129 712 NAD 83 UTM ZONE 11N           SXL04 02:25E         10/07/2005 SOIL         525893 576         5495127 12 NAD 83 UTM ZONE 11N <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td></t<>						
SRL03         09+60E         09/07/2005         SOIL         526480.049         5495322.171NAD         SUTM ZONE 11N           SRL03         09+77         09/07/2005         SOIL         526480.049         5495320.5031NAD         33 UTM ZONE 11N           SRL03         09+70205         SOIL         526540         54951471NAD         33 UTM ZONE 11N           SRL04         00+72005         SOIL         5255772782         5495143.212 NAD 33 UTM ZONE 11N           SRL04         00+75E         10/07/2005         SOIL         525623.877         5495141.612 NAD 33 UTM ZONE 11N           SRL04         01+75E         10/07/2005         SOIL         525670.4776         5495133.012 NAD 33 UTM ZONE 11N           SRL04         01+75E         10/07/2005         SOIL         525670.4776         5495133.012 NAD 33 UTM ZONE 11N           SRL04         01+75E         10/07/2005         SOIL         525714.777         5495134.412 NAD 33 UTM ZONE 11N           SRL04         01+75E         10/07/2005         SOIL         525743.777         5495132.012 NAD 33 UTM ZONE 11N           SRL04         02+75E         10/07/2005         SOIL         525763.777         5495132.012 NAD 33 UTM ZONE 11N           SRL04         02+75E         10/07/2005         SOIL         5258713						
SRL03 09+75E         0907/2005 SOIL         526480 0049         5493320.5931NAD 83 UTM ZONE 11N           SRL03 10+000E         0007/2005 SOIL         526503         549519 NAD 83 UTM ZONE 11N           SRL04 00+22         1007/2005 SOIL         525577 2782 5495142 71NAD 83 UTM ZONE 11N           SRL04 00+75E         1007/2005 SOIL         525577 2782 5495142 712 NAD 83 UTM ZONE 11N           SRL04 00+75E         1007/2005 SOIL         525603.578         5495143 412 NAD 83 UTM ZONE 11N           SRL04 00+75E         1007/2005 SOIL         525603.777         5495130 712 NAD 83 UTM ZONE 11N           SRL04 01+25E         1007/2005 SOIL         525693.777         5495130 712 NAD 83 UTM ZONE 11N           SRL04 01+25E         1007/2005 SOIL         525710.377         5495130 712 NAD 83 UTM ZONE 11N           SRL04 01+75E         1007/2005 SOIL         525710.377         5495130.212 NAD 83 UTM ZONE 11N           SRL04 02+75E         1007/2005 SOIL         525710.377         5495130.212 NAD 83 UTM ZONE 11N           SRL04 02+75E         1007/2005 SOIL         525786 976         5495120 212 NAD 83 UTM ZONE 11N           SRL04 02+75E         1007/2005 SOIL         525813 576 5495127 NAD 83 UTM ZONE 11N           SRL04 02+75E         1007/2005 SOIL         525813 576 5495127 NAD 83 UTM ZONE 11N           SRL04 02+75E         1007/2005 SOIL						
SXL03 10+00E         09/07/2005         SOIL         526503         549513         NAD 83 UTM ZONE 11N           SXL04 00+00         10/07/2005         SOIL         525554         5496147         NAD 83 UTM ZONE 11N           SXL04 00+25E         10/07/2005         SOIL         525600.578         5496143.412         NAD 83 UTM ZONE 11N           SXL04 00+75E         10/07/2005         SOIL         525600.578         5496144.612         NAD 83 UTM ZONE 11N           SXL04 01+75E         10/07/2005         SOIL         525670.4776         5496138.012         NAD 83 UTM ZONE 11N           SXL04 01+5E         10/07/2005         SOIL         525670.4776         5496138.012         NAD 83 UTM ZONE 11N           SXL04 01+5E         10/07/2005         SOIL         52570.4771         5496138.212         NAD 83 UTM ZONE 11N           SXL04 01+5E         10/07/2005         SOIL         525780.7771         5495130.812         NAD 83 UTM ZONE 11N           SXL04 02+5E         10/07/2005         SOIL         525810.2768         5495129.012         NAD 83 UTM ZONE 11N           SXL04 02+5E         10/07/2005         SOIL         525810.2768         549512.812         NAD 83 UTM ZONE 11N           SXL04 03+5E         10/07/2005         SOIL         525880.7669         5495						
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SXL04 00+25E         10/07/2005 SOIL         525507 2782         549514 212 NAD 83 UTM ZONE 11N           SXL04 00+75E         10/07/2005 SOIL         525603 7775         5495143 412 NAD 83 UTM ZONE 11N           SXL04 01+75E         10/07/2005 SOIL         525604 71778         5495138 012 NAD 83 UTM ZONE 11N           SXL04 01+25E         10/07/2005 SOIL         525647.1778         5495138 012 NAD 83 UTM ZONE 11N           SXL04 01+52E         10/07/2005 SOIL         525647.1778         5495138 012 NAD 83 UTM ZONE 11N           SXL04 01+52E         10/07/2005 SOIL         525717.0773         5495138.012 NAD 83 UTM ZONE 11N           SXL04 01+75E         10/07/2005 SOIL         525780.771         5495138.412 NAD 83 UTM ZONE 11N           SXL04 02+00E         10/07/2005 SOIL         525780.771         5495138.412 NAD 83 UTM ZONE 11N           SXL04 02+5E         10/07/2005 SOIL         525868.769         5495129.012 NAD 83 UTM ZONE 11N           SXL04 02+5E         10/07/2005 SOIL         525868.766         5495124.812 NAD 83 UTM ZONE 11N           SXL04 03+5E         10/07/2005 SOIL         525868.766         5495124.812 NAD 83 UTM ZONE 11N           SXL04 03+5E         10/07/2005 SOIL         525868.7676         5495124.812 NAD 83 UTM ZONE 11N           SXL04 04+5E         10/07/2005 SOIL         525868.776         5495114.812 NAD 83 UTM						
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SXL04 01+26E         10/07/2005 SOIL         626870 4776         5495136 212 NAD 83 UTM ZONE 11N           SXL04 01+75E         10/07/2005 SOIL         525717.0773         5495134 412 NAD 83 UTM ZONE 11N           SXL04 01+75E         10/07/2005 SOIL         525717.0773         5495130.812 NAD 83 UTM ZONE 11N           SXL04 02+00E         10/07/2005 SOIL         525786.9771         5495130.812 NAD 83 UTM ZONE 11N           SXL04 02+25E         10/07/2005 SOIL         525786.9769         5495129.212 NAD 83 UTM ZONE 11N           SXL04 02+50E         10/07/2005 SOIL         52588.9769         5495127.212 NAD 83 UTM ZONE 11N           SXL04 03+02E         10/07/2005 SOIL         525868.766         5495123.612 NAD 83 UTM ZONE 11N           SXL04 03+50E         10/07/2005 SOIL         525868.766         5495118.212 NAD 83 UTM ZONE 11N           SXL04 03+75E         10/07/2005 SOIL         525868.7761         5495118.212 NAD 83 UTM ZONE 11N           SXL04 04+32E         10/07/2005 SOIL         525960.7761         5495118.212 NAD 83 UTM ZONE 11N           SXL04 04+25E         10/07/2005 SOIL         525996.7761         5495114.612 NAD 83 UTM ZONE 11N           SXL04 04+75E         10/07/2005 SOIL         525996.7761         5495111.012 NAD 83 UTM ZONE 11N           SXL04 04+75E         10/07/2005 SOIL         526996.7761         5495111.012 NA						
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SXL04 02+26E         10/07/2005         SOIL         525768.9769         5495129.012         NAD 83 UTM ZONE 11N           SXL04 02+50E         10/07/2005         SOIL         525786.9769         5495129.012         NAD 83 UTM ZONE 11N           SXL04 02+75E         10/07/2005         SOIL         525880.1766         5495127.212         NAD 83 UTM ZONE 11N           SXL04 03+00E         10/07/2005         SOIL         525880.1766         5495123.612         NAD 83 UTM ZONE 11N           SXL04 03+25E         10/07/2005         SOIL         525880.1764         5495121.812         NAD 83 UTM ZONE 11N           SXL04 03+76E         10/07/2005         SOIL         525890.4762         5495121.812         NAD 83 UTM ZONE 11N           SXL04 04+25E         10/07/2005         SOIL         525990.759         5495118.412         NAD 83 UTM ZONE 11N           SXL04 04+25E         10/07/2005         SOIL         525996.0759         5495114.612         NAD 83 UTM ZONE 11N           SXL04 04+25E         10/07/2005         SOIL         525996.0759         5495114.612         NAD 83 UTM ZONE 11N           SXL04 04+25E         10/07/2005         SOIL         52608.2753         5495110.412         NAD 83 UTM ZONE 11N           SXL04 05+50E         10/07/2005         SOIL         52608						
SXL04 02+50E         10/07/2005         SOIL         525786.9760         5495127.212         INA D 83 UTM ZONE 11N           SXL04 02+75E         10/07/2005         SOIL         525810.2768         5495125.412         NAD 83 UTM ZONE 11N           SXL04 03+25E         10/07/2005         SOIL         525830.3766         5495125.412         NAD 83 UTM ZONE 11N           SXL04 03+25E         10/07/2005         SOIL         525890.4765         5495120.12         NAD 83 UTM ZONE 11N           SXL04 03+75E         10/07/2005         SOIL         525900.759         5495118.212         NAD 83 UTM ZONE 11N           SXL04 04+25E         10/07/2005         SOIL         525950.0759         5495118.412         NAD 83 UTM ZONE 11N           SXL04 04+25E         10/07/2005         SOIL         525950.0759         5495114.612         NAD 83 UTM ZONE 11N           SXL04 04+25E         10/07/2005         SOIL         525900.0759         5495111.012         NAD 83 UTM ZONE 11N           SXL04 04+75E         10/07/2005         SOIL         525960.0759         5495111.012         NAD 83 UTM ZONE 11N           SXL04 05+25E         10/07/2005         SOIL         526043.2754         5495109.212         NAD 83 UTM ZONE 11N           SXL04 05+75E         10/07/2005         SOIL         526						
SXL04 02+76E         10/07/2005         SOIL         525810.2768         5495127.2712         NAD 83 UTM ZONE 11N           SXL04 03+25E         10/07/2005         SOIL         525883.5766         5495123.612         NAD 83 UTM ZONE 11N           SXL04 03+25E         10/07/2005         SOIL         525880.1764         5495123.612         NAD 83 UTM ZONE 11N           SXL04 03+50E         10/07/2005         SOIL         525880.1764         5495120.012         NAD 83 UTM ZONE 11N           SXL04 04+25E         10/07/2005         SOIL         525920.7759         5495118.212         NAD 83 UTM ZONE 11N           SXL04 04+25E         10/07/2005         SOIL         525996.0759         5495114.612         NAD 83 UTM ZONE 11N           SXL04 04+75E         10/07/2005         SOIL         525996.0759         5495114.612         NAD 83 UTM ZONE 11N           SXL04 04+75E         10/07/2005         SOIL         526904.2754         5495119.212         NAD 83 UTM ZONE 11N           SXL04 05+0E         10/07/2005         SOIL         526043.2754         5495109.212         NAD 83 UTM ZONE 11N           SXL04 05+50E         10/07/2005         SOIL         526083.8751         549510.612         NAD 83 UTM ZONE 11N           SXL04 05+50E         10/07/2005         SOIL         5261						
SXL04 03+00E         10/07/2005 SOIL         525833.6766         5495125.412 NAD 83 UTM ZONE 11N           SXL04 03+55E         10/07/2005 SOIL         525880.7764         5495123.612 NAD 83 UTM ZONE 11N           SXL04 03+55E         10/07/2005 SOIL         525803.7764         5495123.612 NAD 83 UTM ZONE 11N           SXL04 03+57E         10/07/2005 SOIL         525903.4762         5495118.212 NAD 83 UTM ZONE 11N           SXL04 04+25E         10/07/2005 SOIL         525906.0759         5495116.412 NAD 83 UTM ZONE 11N           SXL04 04+50E         10/07/2005 SOIL         525996.0756         5495114.612 NAD 83 UTM ZONE 11N           SXL04 04+50E         10/07/2005 SOIL         525996.0756         5495114.612 NAD 83 UTM ZONE 11N           SXL04 04+50E         10/07/2005 SOIL         526019.9755         5495111.012 NAD 83 UTM ZONE 11N           SXL04 05+50E         10/07/2005 SOIL         526043.2754         5495107.412 NAD 83 UTM ZONE 11N           SXL04 05+55E         10/07/2005 SOIL         526088.8751         5495103.612 NAD 83 UTM ZONE 11N           SXL04 06+50E         10/07/2005 SOIL         52618.4746         5495103.812 NAD 83 UTM ZONE 11N           SXL04 06+50E         10/07/2005 SOIL         526169.7747         5495103.612 NAD 83 UTM ZONE 11N           SXL04 06+50E         10/07/2005 SOIL         526206.3744         5495096.611						
SXL04 03+25E         10/07/2005 SOIL         525868.7764         5495123.612 NAD 83 UTM ZONE 11N           SXL04 03+50E         10/07/2005 SOIL         525803.4762         5495121.812 NAD 83 UTM ZONE 11N           SXL04 03+50E         10/07/2005 SOIL         525903.4762         5495121.812 NAD 83 UTM ZONE 11N           SXL04 04+00E         10/07/2005 SOIL         525996.0759         5495118.212 NAD 83 UTM ZONE 11N           SXL04 04+55E         10/07/2005 SOIL         525973.3758         5495114.612 NAD 83 UTM ZONE 11N           SXL04 04+55E         10/07/2005 SOIL         525996.0756         5495112.812 NAD 83 UTM ZONE 11N           SXL04 04+75E         10/07/2005 SOIL         526043.2754         5495107.412 NAD 83 UTM ZONE 11N           SXL04 05+25E         10/07/2005 SOIL         526043.2754         5495107.412 NAD 83 UTM ZONE 11N           SXL04 05+50E         10/07/2005 SOIL         526043.2754         5495107.412 NAD 83 UTM ZONE 11N           SXL04 05+55E         10/07/2005 SOIL         526138.4748         5495102.012 NAD 83 UTM ZONE 11N           SXL04 06+25E         10/07/2005 SOIL         526138.7747         5495100.211 NAD 83 UTM ZONE 11N           SXL04 06+75E         10/07/2005 SOIL         526138.7747         5495098.411 NAD 83 UTM ZONE 11N           SXL04 06+75E         10/07/2005 SOIL         526289.6742         5495098.411						
SXL04 03+50E         10/07/2005         SOIL         525800.1764         5495120.121.812         NAD 83 UTM ZONE 11N           SXL04 04:975E         10/07/2005         SOIL         525903.7761         5495118.212         NAD 83 UTM ZONE 11N           SXL04 04:45E         10/07/2005         SOIL         525926.7761         5495118.212         NAD 83 UTM ZONE 11N           SXL04 04:45DE         10/07/2005         SOIL         525996.0759         5495112.212         NAD 83 UTM ZONE 11N           SXL04 04:45DE         10/07/2005         SOIL         525996.6756         5495112.812         NAD 83 UTM ZONE 11N           SXL04 04:75E         10/07/2005         SOIL         526043.2754         5495109.212         NAD 83 UTM ZONE 11N           SXL04 05:45DE         10/07/2005         SOIL         526068.9751         5495105.012         NAD 83 UTM ZONE 11N           SXL04 05:45DE         10/07/2005         SOIL         526136.4748         5495100.211         NAD 83 UTM ZONE 11N           SXL04 06:45DE         10/07/2005         SOIL         526136.4748         5495100.211         NAD 83 UTM ZONE 11N           SXL04 06:45DE         10/07/2005         SOIL         526136.4748         5495100.211         NAD 83 UTM ZONE 11N           SXL04 07:45E         10/07/2005         SOIL						
SXL04 03+75E         10/07/2005 SOIL         525003.4762         5495120.012 NAD 83 UTM ZONE 11N           SXL04 04+00E         10/07/2005 SOIL         525926.7761         5495118.212 NAD 83 UTM ZONE 11N           SXL04 04+25E         10/07/2005 SOIL         525950.0759         5495116.412 NAD 83 UTM ZONE 11N           SXL04 04+50E         10/07/2005 SOIL         525996.0759         5495114.612 NAD 83 UTM ZONE 11N           SXL04 04+75E         10/07/2005 SOIL         525996.0756         5495111.012 NAD 83 UTM ZONE 11N           SXL04 05+25E         10/07/2005 SOIL         526019.9755         5495111.012 NAD 83 UTM ZONE 11N           SXL04 05+50E         10/07/2005 SOIL         526086.5752         5495107.412 NAD 83 UTM ZONE 11N           SXL04 05+55E         10/07/2005 SOIL         526089.8751         5495105.612 NAD 83 UTM ZONE 11N           SXL04 05+55E         10/07/2005 SOIL         526138.7747         5495100.211 NAD 83 UTM ZONE 11N           SXL04 06+55E         10/07/2005 SOIL         526159.7747         5495100.211 NAD 83 UTM ZONE 11N           SXL04 07+55E         10/07/2005 SOIL         5262159.7747         5495100.211 NAD 83 UTM ZONE 11N           SXL04 07+55E         10/07/2005 SOIL         526229.9741         549509.611 NAD 83 UTM ZONE 11N           SXL04 07+55E         10/07/2005 SOIL         526229.9741         549509.011						
SXL04 04+00E         10/07/2005 SOIL         525926.7761         5495118.212 NAD 83 UTM ZONE 11N           SXL04 04+25E         10/07/2005 SOIL         525950.0759         5495116.412 NAD 83 UTM ZONE 11N           SXL04 04+50E         10/07/2005 SOIL         525973.3758         5495114.612 NAD 83 UTM ZONE 11N           SXL04 04+75E         10/07/2005 SOIL         526043.2754         5495111.012 NAD 83 UTM ZONE 11N           SXL04 05+00E         10/07/2005 SOIL         526043.2754         5495109.212 NAD 83 UTM ZONE 11N           SXL04 05+25E         10/07/2005 SOIL         526043.2754         5495109.212 NAD 83 UTM ZONE 11N           SXL04 05+25E         10/07/2005 SOIL         526043.2754         5495105.612 NAD 83 UTM ZONE 11N           SXL04 05+75E         10/07/2005 SOIL         526136.4748         5495103.812 NAD 83 UTM ZONE 11N           SXL04 06+25E         10/07/2005 SOIL         526136.4748         5495100.211 NAD 83 UTM ZONE 11N           SXL04 06+50E         10/07/2005 SOIL         526136.4748         5495096.611 NAD 83 UTM ZONE 11N           SXL04 07+55E         10/07/2005 SOIL         526206.3744         5495098.411 NAD 83 UTM ZONE 11N           SXL04 07+50E         10/07/2005 SOIL         526229.6742         5495094.811 NAD 83 UTM ZONE 11N           SXL04 07+55E         10/07/2005 SOIL         526229.6738         5495091.211						
SXL04 04+25E         10/07/2005 SOIL         525950.0759         5495116.412 NAD 83 UTM ZONE 11N           SXL04 04+50E         10/07/2005 SOIL         525996.6756         5495112.812 NAD 83 UTM ZONE 11N           SXL04 04+75E         10/07/2005 SOIL         526019.9755         5495111.012 NAD 83 UTM ZONE 11N           SXL04 05+25E         10/07/2005 SOIL         526043.2754         5495109.212 NAD 83 UTM ZONE 11N           SXL04 05+25E         10/07/2005 SOIL         526066.5752         5495107.412 NAD 83 UTM ZONE 11N           SXL04 05+75E         10/07/2005 SOIL         526089.8751         5495103.812 NAD 83 UTM ZONE 11N           SXL04 05+75E         10/07/2005 SOIL         526198.7747         5495100.211 NAD 83 UTM ZONE 11N           SXL04 06+25E         10/07/2005 SOIL         526139.7747         5495100.211 NAD 83 UTM ZONE 11N           SXL04 06+50E         10/07/2005 SOIL         526183.0745         549509.211 NAD 83 UTM ZONE 11N           SXL04 07+50E         10/07/2005 SOIL         526229.6742         5495094.811 NAD 83 UTM ZONE 11N           SXL04 07+50E         10/07/2005 SOIL         526229.6742         5495094.811 NAD 83 UTM ZONE 11N           SXL04 07+50E         10/07/2005 SOIL         526229.7741         5495094.811 NAD 83 UTM ZONE 11N           SXL04 07+50E         10/07/2005 SOIL         526229.7741         5495093.011						
SXL04 04+50E         10/07/2005 SOIL         525973.3758         5495114.612 NAD 83 UTM ZONE 11N           SXL04 04+75E         10/07/2005 SOIL         525996.6756         5495111.012 NAD 83 UTM ZONE 11N           SXL04 05+00E         10/07/2005 SOIL         526019.9755         5495111.012 NAD 83 UTM ZONE 11N           SXL04 05+25E         10/07/2005 SOIL         526066.5752         5495109.212 NAD 83 UTM ZONE 11N           SXL04 05+50E         10/07/2005 SOIL         526066.5752         5495105.612 NAD 83 UTM ZONE 11N           SXL04 06+0E         10/07/2005 SOIL         526018.0751         5495105.612 NAD 83 UTM ZONE 11N           SXL04 06+0E         10/07/2005 SOIL         526113.1749         5495103.812 NAD 83 UTM ZONE 11N           SXL04 06+25E         10/07/2005 SOIL         526159.7747         5495100.211 NAD 83 UTM ZONE 11N           SXL04 06+75E         10/07/2005 SOIL         526206.3744         5495098.411 NAD 83 UTM ZONE 11N           SXL04 07+0E         10/07/2005 SOIL         526229.6742         5495093.011 NAD 83 UTM ZONE 11N           SXL04 07+5E         10/07/2005 SOIL         526229.5738         5495093.011 NAD 83 UTM ZONE 11N           SXL04 07+5E         10/07/2005 SOIL         526229.5738         5495087.611 NAD 83 UTM ZONE 11N           SXL04 07+5E         10/07/2005 SOIL         526229.5738         5495087.611 NAD 8						
SXL04 04+75E         10/07/2005 SOIL         525996.6756         5495112.812 NAD 83 UTM ZONE 11N           SXL04 05+00E         10/07/2005 SOIL         526019.9755         5495111.012 NAD 83 UTM ZONE 11N           SXL04 05+25E         10/07/2005 SOIL         5260643.2754         5495109.212 NAD 83 UTM ZONE 11N           SXL04 05+5E         10/07/2005 SOIL         526066.5752         5495107.412 NAD 83 UTM ZONE 11N           SXL04 05+75E         10/07/2005 SOIL         526068.5752         5495103.612 NAD 83 UTM ZONE 11N           SXL04 06+0E         10/07/2005 SOIL         526136.4748         5495102.012 NAD 83 UTM ZONE 11N           SXL04 06+25E         10/07/2005 SOIL         526136.4748         5495102.012 NAD 83 UTM ZONE 11N           SXL04 06+25E         10/07/2005 SOIL         526136.4748         5495098.411 NAD 83 UTM ZONE 11N           SXL04 06+25E         10/07/2005 SOIL         526229.6742         5495098.411 NAD 83 UTM ZONE 11N           SXL04 07+0E         10/07/2005 SOIL         526229.6742         5495093.011 NAD 83 UTM ZONE 11N           SXL04 07+25E         10/07/2005 SOIL         526229.6742         5495093.011 NAD 83 UTM ZONE 11N           SXL04 07+25E         10/07/2005 SOIL         526229.5738         5495093.011 NAD 83 UTM ZONE 11N           SXL04 07+25E         10/07/2005 SOIL         526299.5738         5495088.411 N						
SXL04 05+00E         10/07/2005         SOIL         526019.9755         5495111.012         NAD 83         UTM ZONE 11N           SXL04 05+25E         10/07/2005         SOIL         526043.2754         5495109.212         NAD 83         UTM ZONE 11N           SXL04 05+75E         10/07/2005         SOIL         526089.8751         5495105.612         NAD 83         UTM ZONE 11N           SXL04 05+75E         10/07/2005         SOIL         526089.8751         5495105.612         NAD 83         UTM ZONE 11N           SXL04 06+0E         10/07/2005         SOIL         526136.4748         5495102.012         NAD 83         UTM ZONE 11N           SXL04 06+75E         10/07/2005         SOIL         526139.7747         5495108.411         NAD 83         UTM ZONE 11N           SXL04 06+75E         10/07/2005         SOIL         526139.7747         5495098.411         NAD 83         UTM ZONE 11N           SXL04 07+0E         10/07/2005         SOIL         526229.6742         5495099.411         NAD 83         UTM ZONE 11N           SXL04 07+75E         10/07/2005         SOIL         526229.773         5495091.211         NAD 83         UTM ZONE 11N           SXL04 07+75E         10/07/2005         SOIL         526232.8737         5495087.611						
SXL04 05+25E         10/07/2005         SOIL         526043.2754         5495109.212         NAD 83         UTM ZONE 11N           SXL04 05+50E         10/07/2005         SOIL         526066.5752         5495107.412         NAD 83         UTM ZONE 11N           SXL04 05+75E         10/07/2005         SOIL         526089.8751         5495103.812         NAD 83         UTM ZONE 11N           SXL04 06+00E         10/07/2005         SOIL         526113.1749         5495103.812         NAD 83         UTM ZONE 11N           SXL04 06+50E         10/07/2005         SOIL         526136.4748         5495102.012         NAD 83         UTM ZONE 11N           SXL04 06+50E         10/07/2005         SOIL         526183.0745         5495096.611         NAD 83         UTM ZONE 11N           SXL04 07+00E         10/07/2005         SOIL         526229.6742         5495099.611         NAD 83         UTM ZONE 11N           SXL04 07+50E         10/07/2005         SOIL         526276.2739         5495093.011         NAD 83         UTM ZONE 11N           SXL04 07+75E         10/07/2005         SOIL         526276.739         5495098.411         NAD 83         UTM ZONE 11N           SXL04 08+00E         10/07/2005         SOIL         526322.8737         5495087.611						
SXL04 05+50E         10/07/2005         SOIL         526066.5752         5495107.412         NAD 83 UTM ZONE 11N           SXL04 05+75E         10/07/2005         SOIL         526089.8751         5495105.612         NAD 83 UTM ZONE 11N           SXL04 06+00E         10/07/2005         SOIL         526113.1749         5495103.812         NAD 83 UTM ZONE 11N           SXL04 06+52E         10/07/2005         SOIL         526136.4748         5495102.012         NAD 83 UTM ZONE 11N           SXL04 06+52E         10/07/2005         SOIL         526183.0745         5495098.411         NAD 83 UTM ZONE 11N           SXL04 06+75E         10/07/2005         SOIL         526229.6742         5495098.411         NAD 83 UTM ZONE 11N           SXL04 07+50E         10/07/2005         SOIL         526229.6742         5495094.811         NAD 83 UTM ZONE 11N           SXL04 07+55E         10/07/2005         SOIL         526229.6742         5495093.011         NAD 83 UTM ZONE 11N           SXL04 07+75E         10/07/2005         SOIL         526229.6742         5495093.011         NAD 83 UTM ZONE 11N           SXL04 08+00E         10/07/2005         SOIL         526229.733         5495089.411         NAD 83 UTM ZONE 11N           SXL04 08+25E         10/07/2005         SOIL         5263						
SXL04 05+75E         10/07/2005 SOIL         526089.8751         5495105.612 NAD 83 UTM ZONE 11N           SXL04 06+00E         10/07/2005 SOIL         526113.1749         5495103.812 NAD 83 UTM ZONE 11N           SXL04 06+25E         10/07/2005 SOIL         526136.4748         5495102.012 NAD 83 UTM ZONE 11N           SXL04 06+50E         10/07/2005 SOIL         526159.7747         5495100.211 NAD 83 UTM ZONE 11N           SXL04 06+75E         10/07/2005 SOIL         526130.744         5495098.411 NAD 83 UTM ZONE 11N           SXL04 07+00E         10/07/2005 SOIL         526229.6742         5495098.411 NAD 83 UTM ZONE 11N           SXL04 07+5E         10/07/2005 SOIL         526229.6742         5495093.011 NAD 83 UTM ZONE 11N           SXL04 07+5E         10/07/2005 SOIL         526229.733         5495093.011 NAD 83 UTM ZONE 11N           SXL04 07+75E         10/07/2005 SOIL         526229.733         5495093.011 NAD 83 UTM ZONE 11N           SXL04 08+00E         10/07/2005 SOIL         526328.737         5495089.411 NAD 83 UTM ZONE 11N           SXL04 08+25E         10/07/2005 SOIL         526328.733         5495086.811 NAD 83 UTM ZONE 11N           SXL04 08+50E         10/07/2005 SOIL         526346.1735         5495086.811 NAD 83 UTM ZONE 11N           SXL04 08+50E         10/07/2005 SOIL         526439.373         5495078.611 NAD 83						
SXL04 06+00E         10/07/2005         SOIL         526113.1749         5495103.812         NAD 83 UTM ZONE 11N           SXL04 06+25E         10/07/2005         SOIL         526136.4748         5495102.012         NAD 83 UTM ZONE 11N           SXL04 06+50E         10/07/2005         SOIL         526159.7747         5495100.211         NAD 83 UTM ZONE 11N           SXL04 06+75E         10/07/2005         SOIL         5262183.0745         5495098.411         NAD 83 UTM ZONE 11N           SXL04 07+0E         10/07/2005         SOIL         526229.6742         5495098.411         NAD 83 UTM ZONE 11N           SXL04 07+55E         10/07/2005         SOIL         526229.6742         5495093.011         NAD 83 UTM ZONE 11N           SXL04 07+55E         10/07/2005         SOIL         526226.2739         5495093.011         NAD 83 UTM ZONE 11N           SXL04 08+00E         10/07/2005         SOIL         526229.5738         5495089.411         NAD 83 UTM ZONE 11N           SXL04 08+00E         10/07/2005         SOIL         526346.1735         5495089.411         NAD 83 UTM ZONE 11N           SXL04 08+52E         10/07/2005         SOIL         526346.1735         5495084.011         NAD 83 UTM ZONE 11N           SXL04 09+52E         10/07/2005         SOIL         526						
SXL04 06+25E         10/07/2005         SOIL         526136.4748         5495102.012         NAD 83 UTM ZONE 11N           SXL04 06+50E         10/07/2005         SOIL         526159.7747         5495100.211         NAD 83 UTM ZONE 11N           SXL04 06+75E         10/07/2005         SOIL         526183.0745         5495098.411         NAD 83 UTM ZONE 11N           SXL04 07+00E         10/07/2005         SOIL         526206.3744         5495094.811         NAD 83 UTM ZONE 11N           SXL04 07+50E         10/07/2005         SOIL         526229.6742         5495094.811         NAD 83 UTM ZONE 11N           SXL04 07+50E         10/07/2005         SOIL         526229.6742         5495094.811         NAD 83 UTM ZONE 11N           SXL04 07+75E         10/07/2005         SOIL         526229.5738         5495094.811         NAD 83 UTM ZONE 11N           SXL04 08+0E         10/07/2005         SOIL         526329.5738         5495087.611         NAD 83 UTM ZONE 11N           SXL04 08+50E         10/07/2005         SOIL         526329.4734         5495087.611         NAD 83 UTM ZONE 11N           SXL04 08+50E         10/07/2005         SOIL         526346.1735         5495088.11         NAD 83 UTM ZONE 11N           SXL04 08+50E         10/07/2005         SOIL         52636						
SXL04 06+50E         10/07/2005         SOIL         526159.7747         5495100.211         NAD 83 UTM ZONE 11N           SXL04 06+75E         10/07/2005         SOIL         526183.0745         5495098.411         NAD 83 UTM ZONE 11N           SXL04 07+00E         10/07/2005         SOIL         526206.3744         5495098.411         NAD 83 UTM ZONE 11N           SXL04 07+25E         10/07/2005         SOIL         526229.6742         5495094.811         NAD 83 UTM ZONE 11N           SXL04 07+50E         10/07/2005         SOIL         526252.9741         5495093.011         NAD 83 UTM ZONE 11N           SXL04 07+75E         10/07/2005         SOIL         526229.5738         5495093.011         NAD 83 UTM ZONE 11N           SXL04 08+0E         10/07/2005         SOIL         526222.8737         5495087.611         NAD 83 UTM ZONE 11N           SXL04 08+0E         10/07/2005         SOIL         526369.4734         5495086.811         NAD 83 UTM ZONE 11N           SXL04 08+50E         10/07/2005         SOIL         526392.7732         5495086.811         NAD 83 UTM ZONE 11N           SXL04 09+50E         10/07/2005         SOIL         526439.373         5495086.411         NAD 83 UTM ZONE 11N           SXL04 09+52E         10/07/2005         SOIL         526439						
SXL04 06+75E         10/07/2005         SOIL         526183.0745         5495098.411         NAD 83 UTM ZONE 11N           SXL04 07+00E         10/07/2005         SOIL         526206.3744         5495096.611         NAD 83 UTM ZONE 11N           SXL04 07+25E         10/07/2005         SOIL         526229.6742         5495094.811         NAD 83 UTM ZONE 11N           SXL04 07+50E         10/07/2005         SOIL         526229.6742         5495093.011         NAD 83 UTM ZONE 11N           SXL04 07+75E         10/07/2005         SOIL         526276.2739         5495093.011         NAD 83 UTM ZONE 11N           SXL04 08+00E         10/07/2005         SOIL         526299.5738         5495089.411         NAD 83 UTM ZONE 11N           SXL04 08+25E         10/07/2005         SOIL         526322.8737         5495087.611         NAD 83 UTM ZONE 11N           SXL04 08+25E         10/07/2005         SOIL         526392.7732         5495088.811         NAD 83 UTM ZONE 11N           SXL04 09+25E         10/07/2005         SOIL         526439.373         5495080.411         NAD 83 UTM ZONE 11N           SXL04 09+50E         10/07/2005         SOIL         526439.373         5495076.811         NAD 83 UTM ZONE 11N           SXL04 09+52E         10/07/2005         SOIL         52643						
SXL04 07+00E         10/07/2005         SOIL         526206.3744         5495096.611         NAD 83         UTM ZONE 11N           SXL04 07+25E         10/07/2005         SOIL         526229.6742         5495094.811         NAD 83         UTM ZONE 11N           SXL04 07+50E         10/07/2005         SOIL         526252.9741         5495093.011         NAD 83         UTM ZONE 11N           SXL04 07+75E         10/07/2005         SOIL         526276.2739         5495089.411         NAD 83         UTM ZONE 11N           SXL04 08+25E         10/07/2005         SOIL         526299.5738         5495087.611         NAD 83         UTM ZONE 11N           SXL04 08+25E         10/07/2005         SOIL         526322.8737         5495087.611         NAD 83         UTM ZONE 11N           SXL04 08+50E         10/07/2005         SOIL         526399.5738         5495085.811         NAD 83         UTM ZONE 11N           SXL04 08+50E         10/07/2005         SOIL         526392.7732         5495082.211         NAD 83         UTM ZONE 11N           SXL04 09+50E         10/07/2005         SOIL         526439.373         5495078.611         NAD 83         UTM ZONE 11N           SXL04 09+50E         10/07/2005         SOIL         526426.728         5495075						
SXL04 07+25E         10/07/2005         SOIL         526229.6742         5495094.811         NAD 83 UTM ZONE 11N           SXL04 07+50E         10/07/2005         SOIL         526252.9741         5495093.011         NAD 83 UTM ZONE 11N           SXL04 07+75E         10/07/2005         SOIL         526252.9741         5495093.011         NAD 83 UTM ZONE 11N           SXL04 08+00E         10/07/2005         SOIL         526229.5738         5495089.411         NAD 83 UTM ZONE 11N           SXL04 08+25E         10/07/2005         SOIL         526322.8737         5495087.611         NAD 83 UTM ZONE 11N           SXL04 08+50E         10/07/2005         SOIL         526322.8737         5495085.811         NAD 83 UTM ZONE 11N           SXL04 08+50E         10/07/2005         SOIL         526369.4734         5495084.011         NAD 83 UTM ZONE 11N           SXL04 09+00E         10/07/2005         SOIL         526439.373         5495082.211         NAD 83 UTM ZONE 11N           SXL04 09+25E         10/07/2005         SOIL         526439.373         5495086.411         NAD 83 UTM ZONE 11N           SXL04 09+50E         10/07/2005         SOIL         526439.373         5495076.811         NAD 83 UTM ZONE 11N           SXL04 09+52E         10/07/2005         SOIL         526439						
SXL04 07+50E         10/07/2005         SOIL         526252.9741         5495093.011         NAD 83 UTM ZONE 11N           SXL04 07+75E         10/07/2005         SOIL         526276.2739         5495091.211         NAD 83 UTM ZONE 11N           SXL04 08+00E         10/07/2005         SOIL         526299.5738         5495089.411         NAD 83 UTM ZONE 11N           SXL04 08+25E         10/07/2005         SOIL         526322.8737         5495087.611         NAD 83 UTM ZONE 11N           SXL04 08+50E         10/07/2005         SOIL         526346.1735         5495085.811         NAD 83 UTM ZONE 11N           SXL04 08+75E         10/07/2005         SOIL         526392.7732         5495082.211         NAD 83 UTM ZONE 11N           SXL04 09+00E         10/07/2005         SOIL         526439.373         5495080.411         NAD 83 UTM ZONE 11N           SXL04 09+25E         10/07/2005         SOIL         526439.373         5495078.611         NAD 83 UTM ZONE 11N           SXL04 09+75E         10/07/2005         SOIL         526462.6728         5495076.811         NAD 83 UTM ZONE 11N           SXL04 09+75E         10/07/2005         SOIL         526483         5495075         NAD 83 UTM ZONE 11N           SXL04 09+75E         10/07/2005         SOIL         525483						
SXL04 07+75E         10/07/2005 SOIL         526276.2739         5495091.211         NAD 83 UTM ZONE 11N           SXL04 08+00E         10/07/2005 SOIL         526299.5738         5495089.411         NAD 83 UTM ZONE 11N           SXL04 08+25E         10/07/2005 SOIL         526322.8737         5495087.611         NAD 83 UTM ZONE 11N           SXL04 08+50E         10/07/2005 SOIL         526346.1735         5495085.811         NAD 83 UTM ZONE 11N           SXL04 08+75E         10/07/2005 SOIL         526369.4734         5495084.011         NAD 83 UTM ZONE 11N           SXL04 09+00E         10/07/2005 SOIL         526369.4734         5495082.211         NAD 83 UTM ZONE 11N           SXL04 09+25E         10/07/2005 SOIL         526439.373         5495080.411         NAD 83 UTM ZONE 11N           SXL04 09+50E         10/07/2005 SOIL         526439.373         5495076.611         NAD 83 UTM ZONE 11N           SXL04 09+75E         10/07/2005 SOIL         526462.6728         5495076.811         NAD 83 UTM ZONE 11N           SXL04 09+75E         10/07/2005 SOIL         526486         5495075         NAD 83 UTM ZONE 11N           SXL05 00+00         10/07/2005 SOIL         525483         5494500         NAD 83 UTM ZONE 11N           SXL05 00+25E         10/07/2005 SOIL         525550.5936         54944						
SXL04 08+00E         10/07/2005         SOIL         526299.5738         5495089.411         NAD 83 UTM ZONE 11N           SXL04 08+25E         10/07/2005         SOIL         526322.8737         5495087.611         NAD 83 UTM ZONE 11N           SXL04 08+50E         10/07/2005         SOIL         526346.1735         5495085.811         NAD 83 UTM ZONE 11N           SXL04 08+75E         10/07/2005         SOIL         526369.4734         5495084.011         NAD 83 UTM ZONE 11N           SXL04 09+00E         10/07/2005         SOIL         526392.7732         5495082.211         NAD 83 UTM ZONE 11N           SXL04 09+00E         10/07/2005         SOIL         526439.373         5495080.411         NAD 83 UTM ZONE 11N           SXL04 09+25E         10/07/2005         SOIL         5264439.373         5495078.611         NAD 83 UTM ZONE 11N           SXL04 09+50E         10/07/2005         SOIL         526462.6728         5495076.811         NAD 83 UTM ZONE 11N           SXL04 09+75E         10/07/2005         SOIL         526486         5495075         NAD 83 UTM ZONE 11N           SXL04 09+75E         10/07/2005         SOIL         525483         5494500         NAD 83 UTM ZONE 11N           SXL05 00+00         10/07/2005         SOIL         5255506.7323						
SXL04 08+25E         10/07/2005         SOIL         526322.8737         5495087.611         NAD 83 UTM ZONE 11N           SXL04 08+50E         10/07/2005         SOIL         526346.1735         5495085.811         NAD 83 UTM ZONE 11N           SXL04 08+75E         10/07/2005         SOIL         526369.4734         5495084.011         NAD 83 UTM ZONE 11N           SXL04 09+00E         10/07/2005         SOIL         526392.7732         5495082.211         NAD 83 UTM ZONE 11N           SXL04 09+25E         10/07/2005         SOIL         526439.373         5495080.411         NAD 83 UTM ZONE 11N           SXL04 09+50E         10/07/2005         SOIL         526439.373         5495078.611         NAD 83 UTM ZONE 11N           SXL04 09+75E         10/07/2005         SOIL         526462.6728         5495076.811         NAD 83 UTM ZONE 11N           SXL04 10+00E         10/07/2005         SOIL         526486         5495075         NAD 83 UTM ZONE 11N           SXL05 00+00         10/07/2005         SOIL         525483         5494500         NAD 83 UTM ZONE 11N           SXL05 00+25E         10/07/2005         SOIL         525506.7323         5494499.302         NAD 83 UTM ZONE 11N           SXL05 00+50E         10/07/2005         SOIL         5255530.5936						
SXL04 08+50E         10/07/2005         SOIL         526346.1735         5495085.811         NAD 83 UTM ZONE 11N           SXL04 08+75E         10/07/2005         SOIL         526369.4734         5495084.011         NAD 83 UTM ZONE 11N           SXL04 09+00E         10/07/2005         SOIL         526339.7732         5495082.211         NAD 83 UTM ZONE 11N           SXL04 09+25E         10/07/2005         SOIL         526416.0731         5495080.411         NAD 83 UTM ZONE 11N           SXL04 09+50E         10/07/2005         SOIL         526439.373         5495078.611         NAD 83 UTM ZONE 11N           SXL04 09+75E         10/07/2005         SOIL         5264462.6728         5495076.811         NAD 83 UTM ZONE 11N           SXL04 09+75E         10/07/2005         SOIL         526486         5495075         NAD 83 UTM ZONE 11N           SXL04 09+75E         10/07/2005         SOIL         526483         54950076.811         NAD 83 UTM ZONE 11N           SXL05 00+00         10/07/2005         SOIL         525483         5494500         NAD 83 UTM ZONE 11N           SXL05 00+25E         10/07/2005         SOIL         525506.7323         5494499.302         NAD 83 UTM ZONE 11N           SXL05 00+50E         10/07/2005         SOIL         5255530.5936						
SXL04 08+75E         10/07/2005 SOIL         526369.4734         5495084.011 NAD 83 UTM ZONE 11N           SXL04 09+00E         10/07/2005 SOIL         526392.7732         5495082.211 NAD 83 UTM ZONE 11N           SXL04 09+25E         10/07/2005 SOIL         526416.0731         5495080.411 NAD 83 UTM ZONE 11N           SXL04 09+50E         10/07/2005 SOIL         526439.373         5495078.611 NAD 83 UTM ZONE 11N           SXL04 09+75E         10/07/2005 SOIL         526462.6728         5495076.811 NAD 83 UTM ZONE 11N           SXL04 09+75E         10/07/2005 SOIL         526462.6728         5495075 NAD 83 UTM ZONE 11N           SXL05 00+00         10/07/2005 SOIL         526486         5495075 NAD 83 UTM ZONE 11N           SXL05 00+25E         10/07/2005 SOIL         525506.7323         5494500 NAD 83 UTM ZONE 11N           SXL05 00+25E         10/07/2005 SOIL         525506.7323         5494499.302 NAD 83 UTM ZONE 11N           SXL05 00+50E         10/07/2005 SOIL         525530.5936         5494498.514 NAD 83 UTM ZONE 11N           SXL05 00+75E         10/07/2005 SOIL         525554.455         5494497.726 NAD 83 UTM ZONE 11N           SXL05 01+00E         10/07/2005 SOIL         525578.3163         5494496.938 NAD 83 UTM ZONE 11N           SXL05 01+25E         10/07/2005 SOIL         5255602.1777         5494496.15 NAD 83 UTM ZONE 11N						
SXL04 09+25E         10/07/2005         SOIL         526416.0731         5495080.411         NAD 83 UTM ZONE 11N           SXL04 09+50E         10/07/2005         SOIL         526439.373         5495078.611         NAD 83 UTM ZONE 11N           SXL04 09+75E         10/07/2005         SOIL         526462.6728         5495076.811         NAD 83 UTM ZONE 11N           SXL04 10+00E         10/07/2005         SOIL         526486         5495075         NAD 83 UTM ZONE 11N           SXL05 00+00         10/07/2005         SOIL         525483         5494500         NAD 83 UTM ZONE 11N           SXL05 00+25E         10/07/2005         SOIL         525506.7323         5494499.302         NAD 83 UTM ZONE 11N           SXL05 00+25E         10/07/2005         SOIL         525530.5936         5494499.302         NAD 83 UTM ZONE 11N           SXL05 00+50E         10/07/2005         SOIL         525530.5936         5494498.514         NAD 83 UTM ZONE 11N           SXL05 00+75E         10/07/2005         SOIL         525578.3163         5494496.938         NAD 83 UTM ZONE 11N           SXL05 01+25E         10/07/2005         SOIL         5255602.1777         5494496.938         NAD 83 UTM ZONE 11N           SXL05 01+25E         10/07/2005         SOIL         525602.1777	SXL04 08+75E	10/07/2005 SC	DIL	526369.4734	5495084.011	NAD 83 UTM ZONE 11N
SXL04 09+50E         10/07/2005         SOIL         526439.373         5495078.611         NAD 83 UTM ZONE 11N           SXL04 09+75E         10/07/2005         SOIL         526462.6728         5495076.811         NAD 83 UTM ZONE 11N           SXL04 10+00E         10/07/2005         SOIL         526486         5495075         NAD 83 UTM ZONE 11N           SXL05 00+00         10/07/2005         SOIL         525483         5494500         NAD 83 UTM ZONE 11N           SXL05 00+25E         10/07/2005         SOIL         525506.7323         5494499.302         NAD 83 UTM ZONE 11N           SXL05 00+25E         10/07/2005         SOIL         525530.5936         5494499.302         NAD 83 UTM ZONE 11N           SXL05 00+50E         10/07/2005         SOIL         525530.5936         5494498.514         NAD 83 UTM ZONE 11N           SXL05 00+75E         10/07/2005         SOIL         525554.455         5494497.726         NAD 83 UTM ZONE 11N           SXL05 01+00E         10/07/2005         SOIL         525578.3163         5494496.938         NAD 83 UTM ZONE 11N           SXL05 01+25E         10/07/2005         SOIL         525602.1777         5494496.15         NAD 83 UTM ZONE 11N           SXL05 01+50E         10/07/2005         SOIL         525602.039         <	SXL04 09+00E	10/07/2005 SC	DIL	526392.7732	5495082.211	NAD 83 UTM ZONE 11N
SXL04 09+75E         10/07/2005         SOIL         526462.6728         5495076.811         NAD 83 UTM ZONE 11N           SXL04 10+00E         10/07/2005         SOIL         526486         5495075         NAD 83 UTM ZONE 11N           SXL05 00+00         10/07/2005         SOIL         525483         54944500         NAD 83 UTM ZONE 11N           SXL05 00+25E         10/07/2005         SOIL         525506.7323         5494499.302         NAD 83 UTM ZONE 11N           SXL05 00+25E         10/07/2005         SOIL         525530.5936         5494499.302         NAD 83 UTM ZONE 11N           SXL05 00+50E         10/07/2005         SOIL         525530.5936         5494498.514         NAD 83 UTM ZONE 11N           SXL05 00+75E         10/07/2005         SOIL         525554.455         5494497.726         NAD 83 UTM ZONE 11N           SXL05 01+00E         10/07/2005         SOIL         525578.3163         5494496.938         NAD 83 UTM ZONE 11N           SXL05 01+25E         10/07/2005         SOIL         525602.1777         5494496.15         NAD 83 UTM ZONE 11N           SXL05 01+25E         10/07/2005         SOIL         525602.1777         5494496.15         NAD 83 UTM ZONE 11N           SXL05 01+50E         10/07/2005         SOIL         525626.039	SXL04 09+25E	10/07/2005 SC	DIL	526416.0731	5495080.411	NAD 83 UTM ZONE 11N
SXL04 10+00E         10/07/2005         SOIL         526486         5495075         NAD 83 UTM ZONE 11N           SXL05 00+00         10/07/2005         SOIL         525483         5494500         NAD 83 UTM ZONE 11N           SXL05 00+25E         10/07/2005         SOIL         525506.7323         5494499.302         NAD 83 UTM ZONE 11N           SXL05 00+25E         10/07/2005         SOIL         525530.5936         5494499.302         NAD 83 UTM ZONE 11N           SXL05 00+50E         10/07/2005         SOIL         525530.5936         5494498.514         NAD 83 UTM ZONE 11N           SXL05 00+75E         10/07/2005         SOIL         525554.455         5494497.726         NAD 83 UTM ZONE 11N           SXL05 01+00E         10/07/2005         SOIL         525578.3163         5494496.938         NAD 83 UTM ZONE 11N           SXL05 01+25E         10/07/2005         SOIL         525602.1777         5494496.15         NAD 83 UTM ZONE 11N           SXL05 01+25E         10/07/2005         SOIL         525602.1777         5494496.15         NAD 83 UTM ZONE 11N           SXL05 01+50E         10/07/2005         SOIL         525626.039         5494495.362         NAD 83 UTM ZONE 11N	SXL04 09+50E	10/07/2005 SC	DIL	526439.373	5495078.611	NAD 83 UTM ZONE 11N
SXL05 00+00         10/07/2005         SOIL         525483         5494500         NAD 83 UTM ZONE 11N           SXL05 00+25E         10/07/2005         SOIL         525506.7323         5494499.302         NAD 83 UTM ZONE 11N           SXL05 00+50E         10/07/2005         SOIL         525530.5936         5494498.514         NAD 83 UTM ZONE 11N           SXL05 00+50E         10/07/2005         SOIL         525554.455         5494497.726         NAD 83 UTM ZONE 11N           SXL05 01+75E         10/07/2005         SOIL         525578.3163         5494496.938         NAD 83 UTM ZONE 11N           SXL05 01+00E         10/07/2005         SOIL         525578.3163         5494496.938         NAD 83 UTM ZONE 11N           SXL05 01+25E         10/07/2005         SOIL         525602.1777         5494496.15         NAD 83 UTM ZONE 11N           SXL05 01+50E         10/07/2005         SOIL         525626.039         5494496.15         NAD 83 UTM ZONE 11N	SXL04 09+75E			526462.6728		
SXL05 00+25E         10/07/2005         SOIL         525506.7323         5494499.302         NAD 83 UTM ZONE 11N           SXL05 00+50E         10/07/2005         SOIL         525530.5936         5494498.514         NAD 83 UTM ZONE 11N           SXL05 00+75E         10/07/2005         SOIL         525554.455         5494497.726         NAD 83 UTM ZONE 11N           SXL05 01+00E         10/07/2005         SOIL         525578.3163         5494496.938         NAD 83 UTM ZONE 11N           SXL05 01+25E         10/07/2005         SOIL         525602.1777         5494496.15         NAD 83 UTM ZONE 11N           SXL05 01+25E         10/07/2005         SOIL         525602.1777         5494496.15         NAD 83 UTM ZONE 11N           SXL05 01+50E         10/07/2005         SOIL         525626.039         5494495.362         NAD 83 UTM ZONE 11N	SXL04 10+00E			526486		
SXL05 00+50E         10/07/2005         SOIL         525530.5936         5494498.514         NAD 83 UTM ZONE 11N           SXL05 00+75E         10/07/2005         SOIL         525554.455         5494497.726         NAD 83 UTM ZONE 11N           SXL05 01+00E         10/07/2005         SOIL         525578.3163         5494496.938         NAD 83 UTM ZONE 11N           SXL05 01+25E         10/07/2005         SOIL         525602.1777         5494496.15         NAD 83 UTM ZONE 11N           SXL05 01+50E         10/07/2005         SOIL         525626.039         5494495.362         NAD 83 UTM ZONE 11N						
SXL05 00+75E         10/07/2005         SOIL         525554.455         5494497.726         NAD 83 UTM ZONE 11N           SXL05 01+00E         10/07/2005         SOIL         525578.3163         5494496.938         NAD 83 UTM ZONE 11N           SXL05 01+25E         10/07/2005         SOIL         525602.1777         5494496.15         NAD 83 UTM ZONE 11N           SXL05 01+50E         10/07/2005         SOIL         525626.039         5494495.362         NAD 83 UTM ZONE 11N	SXL05 00+25E	10/07/2005 SC	DIL	525506.7323	5494499.302	NAD 83 UTM ZONE 11N
SXL05 01+00E         10/07/2005 SOIL         525578.3163         5494496.938 NAD 83 UTM ZONE 11N           SXL05 01+25E         10/07/2005 SOIL         525602.1777         5494496.15 NAD 83 UTM ZONE 11N           SXL05 01+50E         10/07/2005 SOIL         525626.039         5494495.362 NAD 83 UTM ZONE 11N						
SXL05 01+25E         10/07/2005 SOIL         525602.1777         5494496.15 NAD 83 UTM ZONE 11N           SXL05 01+50E         10/07/2005 SOIL         525626.039         5494495.362 NAD 83 UTM ZONE 11N						
SXL05 01+50E 10/07/2005 SOIL 525626.039 5494495.362 NAD 83 UTM ZONE 11N						
SXL05 01+75E 10/07/2005 SOIL 525649.9004 5494494.574 NAD 83 UTM ZONE 11N						
	SXL05 01+75E	10/07/2005 SC	DIL	525649.9004	5494494.574	NAD 83 UTM ZONE 11N

SAMPLE NUMBER	DATE SAN	/PLE TYPE UTM X	UTM Y	UTM ZONE
SXL05 02+00E	10/07/2005 SOIL	525673.7617		NAD 83 UTM ZONE 11N
SXL05 02+25E	10/07/2005 SOIL	525697.6231	5494492.998	NAD 83 UTM ZONE 11N
SXL05 02+50E	10/07/2005 SOIL	525721.4844	5494492.21	NAD 83 UTM ZONE 11N
SXL05 02+75E	10/07/2005 SOIL	525745.3458	5494491.422	NAD 83 UTM ZONE 11N
SXL05 03+00E	10/07/2005 SOIL	525769.2071	5494490.634	NAD 83 UTM ZONE 11N
SXL05 03+25E	10/07/2005 SOIL	525793.0685	5494489.846	NAD 83 UTM ZONE 11N
SXL05 03+50E	10/07/2005 SOIL	525816.9298	5494489.058	NAD 83 UTM ZONE 11N
SXL05 03+75E	10/07/2005 SOIL	525840.7912	5494488.269	NAD 83 UTM ZONE 11N
SXL05 04+00E	10/07/2005 SOIL	525864.6526	5494487.481	NAD 83 UTM ZONE 11N
SXL05 04+25E	10/07/2005 SOIL	525888.5139		NAD 83 UTM ZONE 11N
SXL05 04+50E	10/07/2005 SOIL	525912.3753		NAD 83 UTM ZONE 11N
SXL05 04+75E	10/07/2005 SOIL	525936.2366		NAD 83 UTM ZONE 11N
SXL05 05+00E	10/07/2005 SOIL	525960.098		NAD 83 UTM ZONE 11N
SXL05 05+25E	10/07/2005 SOIL	525983.9593		NAD 83 UTM ZONE 11N
SXL05 05+50E	10/07/2005 SOIL	526007.8207		NAD 83 UTM ZONE 11N
SXL05 05+75E	10/07/2005 SOIL	526031.682		NAD 83 UTM ZONE 11N
SXL05 06+00E	10/07/2005 SOIL	526055.5434		NAD 83 UTM ZONE 11N
SXL05 06+25E	10/07/2005 SOIL	526079.4047		NAD 83 UTM ZONE 11N
SXL05 06+50E	10/07/2005 SOIL	526103.2661		NAD 83 UTM ZONE 11N
SXL05 06+75E	10/07/2005 SOIL	526127.1274		NAD 83 UTM ZONE 11N
SXL05 07+00E SXL06 00+00	10/07/2005 SOIL	526151 524323		NAD 83 UTM ZONE 11N NAD 83 UTM ZONE 11N
SXL06 00+00 SXL06 00+25W	20/07/2005 SOIL 20/07/2005 SOIL	524323		NAD 83 UTM ZONE 11N
SXL06 00+25W SXL06 00+50W	20/07/2005 SOIL	524299.5366		NAD 83 UTM ZONE 11N
SXL06 00+50W	20/07/2005 SOIL	524275.535		NAD 83 UTM ZONE 11N
SXL06 00+75W	20/07/2005 SOIL	524231.8004		NAD 83 UTM ZONE 11N
SXL06 01+00W	20/07/2005 SOIL	524206.4335		NAD 83 UTM ZONE 11N
SXL06 01+25W	20/07/2005 SOIL	524185.0031		NAD 83 UTM ZONE 11N
SXL06 01+75W	20/07/2005 SOIL	524163.5754		NAD 83 UTM ZONE 11N
SXL06 02+00W	20/07/2005 SOIL	524141.5843		NAD 83 UTM ZONE 11N
SXL06 02+25W	20/07/2005 SOIL	524119.6068		NAD 83 UTM ZONE 11N
SXL06 02+50W	20/07/2005 SOIL	524099.5147		NAD 83 UTM ZONE 11N
SXL06 02+75W	20/07/2005 SOIL	524079.3971		NAD 83 UTM ZONE 11N
SXL06 03+00W	20/07/2005 SOIL	524058.4279		NAD 83 UTM ZONE 11N
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SXL06 03+50W	20/07/2005 SOIL	524019.0574	5496274.79	NAD 83 UTM ZONE 11N
SXL06 03+75W	20/07/2005 SOIL	523999.8713	5496290.542	NAD 83 UTM ZONE 11N
SXL06 04+00W	20/07/2005 SOIL	523979.4103	5496304.47	NAD 83 UTM ZONE 11N
SXL06 04+25W	20/07/2005 SOIL	523959.55		NAD 83 UTM ZONE 11N
SXL06 04+50W	20/07/2005 SOIL	523948.1007		NAD 83 UTM ZONE 11N
SXL06 04+75W	20/07/2005 SOIL	523934.3329		NAD 83 UTM ZONE 11N
SXL06 05+00W	20/07/2005 SOIL	523923.3233		NAD 83 UTM ZONE 11N
SXL06 05+25W	20/07/2005 SOIL	523913.301		NAD 83 UTM ZONE 11N
SXL06 05+50W	20/07/2005 SOIL	523903.0833		NAD 83 UTM ZONE 11N
SXL06 05+75W	20/07/2005 SOIL	523891.5038		NAD 83 UTM ZONE 11N
SXL06 06+00W	20/07/2005 SOIL	523868.1517		NAD 83 UTM ZONE 11N
SXL06 06+25W	20/07/2005 SOIL	523843.3411		NAD 83 UTM ZONE 11N
SXL06 06+50W	20/07/2005 SOIL	523818.5324		NAD 83 UTM ZONE 11N
SXL06 06+75W	20/07/2005 SOIL	523793.9622		NAD 83 UTM ZONE 11N
SXL06 07+00W SXL06 07+25W	20/07/2005 SOIL 20/07/2005 SOIL	523769.9595 523745.9949		NAD 83 UTM ZONE 11N NAD 83 UTM ZONE 11N
SXL06 07+250V	20/07/2005 SOIL	523745.9949		NAD 83 UTM ZONE 11N
SXL06 07+50W SXL06 07+75W	20/07/2005 SOIL 20/07/2005 SOIL	523696.8647		NAD 83 UTM ZONE 11N
SXL06 07+75W	20/07/2005 SOIL	523672.0469		NAD 83 UTM ZONE 11N
SXL06 08+00W	20/07/2005 SOIL	523647.2227		NAD 83 UTM ZONE 11N
SXL06 08+50W	20/07/2005 SOIL	523622.6672		NAD 83 UTM ZONE 11N
SXL06 08+75W	20/07/2005 SOIL	523598.0606		NAD 83 UTM ZONE 11N
SXL06 09+00W	20/07/2005 SOIL	523573.2537		NAD 83 UTM ZONE 11N
SXL06 09+25W	20/07/2005 SOIL	523548.6883		NAD 83 UTM ZONE 11N
SXL06 09+50W	20/07/2005 SOIL	523525.1482		NAD 83 UTM ZONE 11N
SXL06 09+75W	20/07/2005 SOIL	523502.1692		NAD 83 UTM ZONE 11N
SXL06 10+00W	20/07/2005 SOIL	523479		NAD 83 UTM ZONE 11N
SXL07 00+00	11/07/2005 SOIL	524721		NAD 83 UTM ZONE 11N
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SXL07 00+25W         11/07/2005 SOIL         624696.433W         5459833.878.MOB XD 82 UTM ZONE 11N           SXL07 00+75W         11/07/2005 SOIL         524464.1691         5459838.378.MAD 83 UTM ZONE 11N           SXL07 01+00W         11/07/2005 SOIL         524464.1691         5459838.614.MAD 83 UTM ZONE 11N           SXL07 01+00W         11/07/2005 SOIL         524598         5459838.614.MAD 83 UTM ZONE 11N           SXL07 01+75W         11/07/2005 SOIL         524577.638         5459838.614.MAD 83 UTM ZONE 11N           SXL07 01+75W         11/07/2005 SOIL         524457.638         5459838.631.MAD 83 UTM ZONE 11N           SXL07 02+75W         11/07/2005 SOIL         524457.638         5459839.637.MAD 83 UTM ZONE 11N           SXL07 02+75W         11/07/2005 SOIL         524435.0378         5459939.158 MAD 83 UTM ZONE 11N           SXL07 02+75W         11/07/2005 SOIL         524435.0378         5459939.158 MAD 83 UTM ZONE 11N           SXL07 03+75W         11/07/2005 SOIL         524435.6471         5459939.181 MAD 83 UTM ZONE 11N           SXL07 03+75W         11/07/2005 SOIL         524436.4211         5459939.181 MAD 83 UTM ZONE 11N           SXL07 04+75W         11/07/2005 SOIL         524436.4211         5459939.21 MAD 83 UTM ZONE 11N           SXL07 04+75W         11/07/2005 SOIL         5244310.2768         5495993.21 MAD 8	SAMPLE NUMBER	DATE	SAMPLE TYPE	UTM X	UTM Y	UTM ZONE
SXL07 00+75W         11/07/2005 SOIL         524464.1691         6495984.147 NAD 83 UTM 20NE 11N           SXL07 01+00W         11/07/2005 SOIL         524459.0389         6495986.189 NAD 83 UTM 20NE 11N           SXL07 01+25W         11/07/2005 SOIL         524459.03898         6495986.191 NAD 83 UTM 20NE 11N           SXL07 01+75W         11/07/2005 SOIL         524455.1824         6495986.732 NAD 83 UTM 20NE 11N           SXL07 01+75W         11/07/2005 SOIL         524455.1824         6495989.732 NAD 83 UTM 20NE 11N           SXL07 02+75W         11/07/2005 SOIL         524450.3581         5495989.046 NAD 83 UTM 20NE 11N           SXL07 02+75W         11/07/2005 SOIL         524450.878         5495999.167 NAD 83 UTM 20NE 11N           SXL07 02+75W         11/07/2005 SOIL         524468.174         5495999.289 NAD 83 UTM 20NE 11N           SXL07 03+75W         11/07/2005 SOIL         524438.2423         5495999.291 NAD 83 UTM 20NE 11N           SXL07 03+75W         11/07/2005 SOIL         524336.4217         5495999.291 NAD 83 UTM 20NE 11N           SXL07 04+75W         11/07/2005 SOIL         524343.4119         5495999.21 NAD 83 UTM 20NE 11N           SXL07 04+75W         11/07/2005 SOIL         5242437.413         5495999.21 NAD 83 UTM 20NE 11N           SXL07 04+75W         11/07/2005 SOIL         5242437.413         5495999.21 NAD	SXL07 00+25W			524696.4394	5495983.105	NAD 83 UTM ZONE 11N
SXL07 01+00W         11/07/2005 SOIL         524424.0339         5495985.181 NAD 83 UTM 20NE 11N           SXL07 01+25W         11/07/2005 SOIL         5244975.7836         5495986.191 NAD 83 UTM 20NE 11N           SXL07 01+57W         11/07/2005 SOIL         5244975.7836         5495988.193 NAD 83 UTM 20NE 11N           SXL07 01+75W         11/07/2005 SOIL         5244972.4933         54959897.291 NAD 83 UTM 20NE 11N           SXL07 01+75W         11/07/2005 SOIL         524492.4933         54959891.492 NAD 83 UTM 20NE 11N           SXL07 02+75W         11/07/2005 SOIL         524492.293         54959801.61 NAD 83 UTM 20NE 11N           SXL07 02+75W         11/07/2005 SOIL         524490.8274         54959801.587 NAD 83 UTM 20NE 11N           SXL07 03+75W         11/07/2005 SOIL         524430.6274         54959801.587 NAD 83 UTM 20NE 11N           SXL07 03+75W         11/07/2005 SOIL         524430.6274         5495981.287 NAD 83 UTM 20NE 11N           SXL07 04+00W         11/07/2005 SOIL         524430.4276         5495985.421 NAD 83 UTM 20NE 11N           SXL07 04+00W         11/07/2005 SOIL         524426.2468.1416         54959985.421 NAD 83 UTM 20NE 11N           SXL07 04+00W         11/07/2005 SOIL         524426.2478.713         54959997 NAD 83 UTM 20NE 11N           SXL07 04+00W         11/07/2005 SOIL         5244262.37871	SXL07 00+50W	11/07/2005 S	OIL	524672.3043	5495983.876	NAD 83 UTM ZONE 11N
SXL07 01+25W         11/07/2005 SOIL         5245998.9898         5495986 61NAD 83 UTM 20NE 11N           SXL07 01+55W         11/07/2005 SOIL         524575 7636         5495986 671NAD 83 UTM 20NE 11N           SXL07 01+57W         11/07/2005 SOIL         524551 5244         5495986 7321NAD 83 UTM 20NE 11N           SXL07 02+25W         11/07/2005 SOIL         524457 7333         5495988 503 NAD 83 UTM 20NE 11N           SXL07 02+75W         11/07/2005 SOIL         524450 3581         5495990 416 NAD 83 UTM 20NE 11N           SXL07 02+75W         11/07/2005 SOIL         524440 8174         5495990 316 NAD 83 UTM 20NE 11N           SXL07 02+75W         11/07/2005 SOIL         524430 878         5495990 3128 NAD 83 UTM 20NE 11N           SXL07 03+60W         11/07/2005 SOIL         524435.4471         54959993 NAD 83 UTM 20NE 11N           SXL07 03+50W         11/07/2005 SOIL         524356.4471         54959994 871NAD 83 UTM 20NE 11N           SXL07 04+20W         11/07/2005 SOIL         524280.1416         5495996 NAD 83 UTM 20NE 11N           SXL07 04+50W         11/07/2005 SOIL         5242430 2768         5495990 NAD 83 UTM 20NE 11N           SXL07 04+50W         11/07/2005 SOIL         524287.1416         5495990 NAD 83 UTM 20NE 11N           SXL07 04+50W         11/07/2005 SOIL         5244283.6411         54959901 NAD 83 UTM 20NE 1				524648.1691		
SXL07 01+50W         11/07/2005 SOIL         524975 7836         5495987 291NAD 83 UTM 20NE 11N           SXL07 01+75W         11/07/2005 SOIL         524457 1284         5495987 291NAD 83 UTM 20NE 11N           SXL07 01+75W         11/07/2005 SOIL         524452 4933         5495988 631NAD 83 UTM 20NE 11N           SXL07 02+75W         11/07/2005 SOIL         524452 4933 581         5495989 741NAD 83 UTM 20NE 11N           SXL07 02+75W         11/07/2005 SOIL         524445 6878         5495989 161NAD 83 UTM 20NE 11N           SXL07 02+75W         11/07/2005 SOIL         524430 8528         5495990 161NAD 83 UTM 20NE 11N           SXL07 03+75W         11/07/2005 SOIL         524430 8574         5495993 1281NAD 83 UTM 20NE 11N           SXL07 03+75W         11/07/2005 SOIL         524430 8474         5495993 1281NAD 83 UTM 20NE 11N           SXL07 04+75W         11/07/2005 SOIL         524430 8434 119         5495995 4421NAD 83 UTM 20NE 11N           SXL07 04+75W         11/07/2005 SOIL         5244280 4416         5495996 981NAD 83 UTM 20NE 11N           SXL07 04+75W         11/07/2005 SOIL         5244280 4418         54959995 4421NAD 83 UTM 20NE 11N           SXL07 04+75W         11/07/2005 SOIL         5244280 731         54959997 580A 93 UTM 20NE 11N           SXL07 04+75W         11/07/2005 SOIL         5244787 371         54959997						
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SXL07 07+00W         11/07/2005 SOIL         524044.7899         5496003.924 NAD 83 UTM ZONE 11N           SXL07 07+25W         11/07/2005 SOIL         524020.6548         5496004.695 NAD 83 UTM ZONE 11N           SXL07 07+75W         11/07/2005 SOIL         523996.5196         5496005.466 NAD 83 UTM ZONE 11N           SXL07 07+75W         11/07/2005 SOIL         523972.3844         5496007.779 NAD 83 UTM ZONE 11N           SXL07 08+00W         11/07/2005 SOIL         523924.1411         5496007.779 NAD 83 UTM ZONE 11N           SXL07 08+50W         11/07/2005 SOIL         523871.1411         5496007.779 NAD 83 UTM ZONE 11N           SXL07 08+75W         11/07/2005 SOIL         523875.8438         5496009.321 NAD 83 UTM ZONE 11N           SXL07 09+25W         11/07/2005 SOIL         523875.734         5496010.092 NAD 83 UTM ZONE 11N           SXL07 09+25W         11/07/2005 SOIL         523875.734         5496011.634 NAD 83 UTM ZONE 11N           SXL07 09+50W         11/07/2005 SOIL         523779.3031         5496012.405 NAB 83 UTM ZONE 11N           SXL07 10+50W         11/07/2005 SOIL         523779.3031         5496013.476 NAD 83 UTM ZONE 11N           SXL07 10+50W         12/07/2005 SOIL         523753.10327         5496013.476 NAD 83 UTM ZONE 11N           SXL07 10+50W         12/07/2005 SOIL         523658.6272         5496013.476						
SXL07 07+25W         11/07/2005 SOIL         524020.6548         5496004.695 NAD 83 UTM ZONE 11N           SXL07 07+50W         11/07/2005 SOIL         523996.5196         5496002.37 NAD 83 UTM ZONE 11N           SXL07 07+75W         11/07/2005 SOIL         523972.3844         5496006.237 NAD 83 UTM ZONE 11N           SXL07 08+25W         11/07/2005 SOIL         523924.1141         5496007.008 NAD 83 UTM ZONE 11N           SXL07 08+25W         11/07/2005 SOIL         523899.9789         5496008.55 NAD 83 UTM ZONE 11N           SXL07 08+75W         11/07/2005 SOIL         523897.8438         5496009.321 NAD 83 UTM ZONE 11N           SXL07 08+75W         11/07/2005 SOIL         523875.8438         5496010.921 NAD 83 UTM ZONE 11N           SXL07 09+00W         11/07/2005 SOIL         523887.5734         5496010.8631 NAD 83 UTM ZONE 11N           SXL07 09+50W         11/07/2005 SOIL         523875.1679         5496013.048 NAD 83 UTM ZONE 11N           SXL07 10+950W         11/07/2005 SOIL         523703.0327         5496013.948 NAD 83 UTM ZONE 11N           SXL07 10+50W         12/07/2005 SOIL         523761.63976         5496014.719 NAD 83 UTM ZONE 11N           SXL07 10+50W         12/07/2005 SOIL         523761.63976         5496013.948 NAD 83 UTM ZONE 11N           SXL07 10+50W         12/07/2005 SOIL         523761.63976         5496017.						
SXL07 07+75W         11/07/2005 SOIL         523972.3844         5496006.237 NAD 83 UTM ZONE 11N           SXL07 08+00W         11/07/2005 SOIL         523948.2493         5496007.708 NAD 83 UTM ZONE 11N           SXL07 08+25W         11/07/2005 SOIL         523924.1141         5496007.709 NAD 83 UTM ZONE 11N           SXL07 08+50W         11/07/2005 SOIL         523893.4141         5496009.321 NAD 83 UTM ZONE 11N           SXL07 09+75W         11/07/2005 SOIL         523875.8438         5496010.092 NAD 83 UTM ZONE 11N           SXL07 09+20W         11/07/2005 SOIL         523875.7534         5496010.092 NAD 83 UTM ZONE 11N           SXL07 09+25W         11/07/2005 SOIL         523803.4382         5496011.634 NAD 83 UTM ZONE 11N           SXL07 09+75W         11/07/2005 SOIL         523779.3031         5496013.498 NAD 83 UTM ZONE 11N           SXL07 10+25W         11/07/2005 SOIL         523755.1679         5496013.494 NAD 83 UTM ZONE 11N           SXL07 10+25W         12/07/2005 SOIL         523753.10327         5496013.494 NAD 83 UTM ZONE 11N           SXL07 10+50W         12/07/2005 SOIL         523682.7624         5496014.719 NAD 83 UTM ZONE 11N           SXL07 10+55W         12/07/2005 SOIL         523682.7624         5496015.49 NAD 83 UTM ZONE 11N           SXL07 11+50W         12/07/2005 SOIL         523686.2772         5496015.49						
SXL07 08+00W         11/07/2005         SOIL         523948.2493         5496007.008         NAD 83 UTM ZONE 11N           SXL07 08+25W         11/07/2005         SOIL         523924.1141         5496007.779         NAD 83 UTM ZONE 11N           SXL07 08+50W         11/07/2005         SOIL         523899.9789         5496009.321         NAD 83 UTM ZONE 11N           SXL07 08+75W         11/07/2005         SOIL         523875.8438         5496001.092         NAD 83 UTM ZONE 11N           SXL07 09+00W         11/07/2005         SOIL         523875.8438         5496010.092         NAD 83 UTM ZONE 11N           SXL07 09+50W         11/07/2005         SOIL         52387.3734         5496010.663         NAD 83 UTM ZONE 11N           SXL07 09+75W         11/07/2005         SOIL         523775.179.3031         5496013.405         NAD 83 UTM ZONE 11N           SXL07 10+70W         11/07/2005         SOIL         523710.327         5496013.476         NAD 83 UTM ZONE 11N           SXL07 10+75W         12/07/2005         SOIL         523682.7624         5496014.719         NAD 83 UTM ZONE 11N           SXL07 10+75W         12/07/2005         SOIL         523682.7624         5496017.032         NAD 83 UTM ZONE 11N           SXL07 11+75W         12/07/2005         SOIL         5	SXL07 07+50W	11/07/2005 S	OIL	523996.5196	5496005.466	NAD 83 UTM ZONE 11N
SXL07 08+25W         11/07/2005         SOIL         523924.1141         5496007.779         NAD 83 UTM ZONE 11N           SXL07 08+50W         11/07/2005         SOIL         523899.9789         5496008.55         NAD 83 UTM ZONE 11N           SXL07 08+75W         11/07/2005         SOIL         523875.8438         5496010.092         NAD 83 UTM ZONE 11N           SXL07 09+00W         11/07/2005         SOIL         523827.5734         5496010.092         NAD 83 UTM ZONE 11N           SXL07 09+50W         11/07/2005         SOIL         523803.4382         5496011.634         NAD 83 UTM ZONE 11N           SXL07 09+50W         11/07/2005         SOIL         523875.1679         5496013.076         NAD 83 UTM ZONE 11N           SXL07 10+00W         11/07/2005         SOIL         523751.1079         5496013.948         NAD 83 UTM ZONE 11N           SXL07 10+25W         12/07/2005         SOIL         523768.7624         5496014.719         NAD 83 UTM ZONE 11N           SXL07 10+75W         12/07/2005         SOIL         523684.7624         5496017.032         NAD 83 UTM ZONE 11N           SXL07 11+26W         12/07/2005         SOIL         523668.6272         5496017.032         NAD 83 UTM ZONE 11N           SXL07 11+76W         12/07/2005         SOIL         5236	SXL07 07+75W	11/07/2005 S	OIL	523972.3844	5496006.237	NAD 83 UTM ZONE 11N
SXL07 08+50W         11/07/2005 SOIL         523899.9789         5496008.55 NAD 83 UTM ZONE 11N           SXL07 09+75W         11/07/2005 SOIL         523875.8438         5496009.321 NAD 83 UTM ZONE 11N           SXL07 09+00W         11/07/2005 SOIL         523851.7086         5496010.092 NAD 83 UTM ZONE 11N           SXL07 09+25W         11/07/2005 SOIL         523827.5734         5496010.863 NAD 83 UTM ZONE 11N           SXL07 09+50W         11/07/2005 SOIL         523803.4382         5496011.634 NAD 83 UTM ZONE 11N           SXL07 09+75W         11/07/2005 SOIL         523779.3031         5496012.405 NAD 83 UTM ZONE 11N           SXL07 10+00W         11/07/2005 SOIL         523751.679         5496013.176 NAD 83 UTM ZONE 11N           SXL07 10+25W         12/07/2005 SOIL         523706.8976         5496013.498 NAD 83 UTM ZONE 11N           SXL07 10+50W         12/07/2005 SOIL         523682.7624         5496015.491 NAD 83 UTM ZONE 11N           SXL07 11+50W         12/07/2005 SOIL         523684.272         5496015.291 NAD 83 UTM ZONE 11N           SXL07 11+50W         12/07/2005 SOIL         523684.272         5496017.803 NAD 83 UTM ZONE 11N           SXL07 11+50W         12/07/2005 SOIL         523561.3569         5496017.803 NAD 83 UTM ZONE 11N           SXL07 11+50W         12/07/2005 SOIL         523586.2217         5496018.574 NAD	SXL07 08+00W	11/07/2005 S	OIL	523948.2493	5496007.008	NAD 83 UTM ZONE 11N
SXL07 08+75W         11/07/2005         SOIL         523875.8438         5496009.321         NAD 83 UTM ZONE 11N           SXL07 09+00W         11/07/2005         SOIL         523851.7086         5496010.092         NAD 83 UTM ZONE 11N           SXL07 09+25W         11/07/2005         SOIL         523827.5734         5496010.082         NAD 83 UTM ZONE 11N           SXL07 09+50W         11/07/2005         SOIL         523803.4382         5496011.634         NAD 83 UTM ZONE 11N           SXL07 09+50W         11/07/2005         SOIL         523779.3031         5496012.405         NAD 83 UTM ZONE 11N           SXL07 10+00W         11/07/2005         SOIL         523755.1679         5496013.176         NAD 83 UTM ZONE 11N           SXL07 10+25W         12/07/2005         SOIL         523710.8976         5496014.719         NAD 83 UTM ZONE 11N           SXL07 10+50W         12/07/2005         SOIL         523682.7624         5496015.49         NAD 83 UTM ZONE 11N           SXL07 10+75W         12/07/2005         SOIL         523684.8272         5496017.803         NAD 83 UTM ZONE 11N           SXL07 11+25W         12/07/2005         SOIL         523610.3569         5496017.803         NAD 83 UTM ZONE 11N           SXL07 11+25W         12/07/2005         SOIL         5236						
SXL07 09+00W         11/07/2005         SOIL         523851.7086         5496010.092         NAD 83         UTM ZONE 11N           SXL07 09+25W         11/07/2005         SOIL         523827.5734         5496010.663         NAD 83         UTM ZONE 11N           SXL07 09+50W         11/07/2005         SOIL         523803.4382         5496011.634         NAD 83         UTM ZONE 11N           SXL07 09+75W         11/07/2005         SOIL         523779.3031         5496013.476         NAD 83         UTM ZONE 11N           SXL07 10+00W         11/07/2005         SOIL         523775.1679         5496013.948         NAD 83         UTM ZONE 11N           SXL07 10+25W         12/07/2005         SOIL         523768.6876         5496013.948         NAD 83         UTM ZONE 11N           SXL07 10+75W         12/07/2005         SOIL         523688.6272         5496016.261         NAD 83         UTM ZONE 11N           SXL07 11+25W         12/07/2005         SOIL         523688.6272         5496017.032         NAD 83         UTM ZONE 11N           SXL07 11+25W         12/07/2005         SOIL         523688.2217         5496017.032         NAD 83         UTM ZONE 11N           SXL07 11+75W         12/07/2005         SOIL         523586.2217         5496020.116 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
SXL07 09+25W         11/07/2005         SOIL         523827.5734         5496010.863         NAD 83         UTM ZONE 11N           SXL07 09+50W         11/07/2005         SOIL         523803.4382         5496011.634         NAD 83         UTM ZONE 11N           SXL07 09+75W         11/07/2005         SOIL         523779.3031         5496012.405         NAD 83         UTM ZONE 11N           SXL07 10+00W         11/07/2005         SOIL         523779.3031         5496013.948         NAD 83         UTM ZONE 11N           SXL07 10+50W         12/07/2005         SOIL         523706.8976         5496013.948         NAD 83         UTM ZONE 11N           SXL07 10+75W         12/07/2005         SOIL         523682.7624         5496015.49         NAD 83         UTM ZONE 11N           SXL07 10+75W         12/07/2005         SOIL         523688.6272         5496016.261         NAD 83         UTM ZONE 11N           SXL07 11+20W         12/07/2005         SOIL         523688.6272         5496017.032         NAD 83         UTM ZONE 11N           SXL07 11+50W         12/07/2005         SOIL         523610.3569         5496017.032         NAD 83         UTM ZONE 11N           SXL07 11+75W         12/07/2005         SOIL         523586.2217         5496018.574						
SXL07 09+50W         11/07/2005         SOIL         523803.4382         5496011.634         NAD 83 UTM ZONE 11N           SXL07 09+75W         11/07/2005         SOIL         523779.3031         5496012.405         NAD 83 UTM ZONE 11N           SXL07 10+00W         11/07/2005         SOIL         523755.1679         5496013.176         NAD 83 UTM ZONE 11N           SXL07 10+25W         12/07/2005         SOIL         523755.1679         5496014.719         NAD 83 UTM ZONE 11N           SXL07 10+75W         12/07/2005         SOIL         523706.8976         5496014.719         NAD 83 UTM ZONE 11N           SXL07 10+75W         12/07/2005         SOIL         523682.7624         5496015.49         NAD 83 UTM ZONE 11N           SXL07 11+50W         12/07/2005         SOIL         523658.6272         5496016.261         NAD 83 UTM ZONE 11N           SXL07 11+25W         12/07/2005         SOIL         523663.4921         5496017.032         NAD 83 UTM ZONE 11N           SXL07 11+25W         12/07/2005         SOIL         523586.2217         5496018.574         NAD 83 UTM ZONE 11N           SXL07 12+25W         12/07/2005         SOIL         523562.0866         5496019.345         NAD 83 UTM ZONE 11N           SXL07 12+25W         12/07/2005         SOIL         5235						
SXL07 09+75W         11/07/2005         SOIL         523779.3031         5496012.405         NAD 83 UTM ZONE 11N           SXL07 10+00W         11/07/2005         SOIL         523755.1679         5496013.176         NAD 83 UTM ZONE 11N           SXL07 10+25W         12/07/2005         SOIL         523731.0327         5496013.948         NAD 83 UTM ZONE 11N           SXL07 10+50W         12/07/2005         SOIL         523682.7624         5496014.719         NAD 83 UTM ZONE 11N           SXL07 10+75W         12/07/2005         SOIL         523682.7624         5496016.261         NAD 83 UTM ZONE 11N           SXL07 11+20W         12/07/2005         SOIL         523658.6272         5496017.032         NAD 83 UTM ZONE 11N           SXL07 11+25W         12/07/2005         SOIL         523610.3569         5496017.032         NAD 83 UTM ZONE 11N           SXL07 11+50W         12/07/2005         SOIL         523562.0866         5496017.803         NAD 83 UTM ZONE 11N           SXL07 12+00W         12/07/2005         SOIL         523562.0866         5496019.345         NAD 83 UTM ZONE 11N           SXL07 12+20W         12/07/2005         SOIL         523513.8162         5496020.168         NAD 83 UTM ZONE 11N           SXL07 12+50W         12/07/2005         SOIL         523						
SXL07 10+00W         11/07/2005         SOIL         523755.1679         5496013.176         NAD 83 UTM ZONE 11N           SXL07 10+25W         12/07/2005         SOIL         523731.0327         5496013.948         NAD 83 UTM ZONE 11N           SXL07 10+50W         12/07/2005         SOIL         523706.8976         5496014.719         NAD 83 UTM ZONE 11N           SXL07 10+75W         12/07/2005         SOIL         523682.7624         5496016.261         NAD 83 UTM ZONE 11N           SXL07 11+00W         12/07/2005         SOIL         523684.7624         5496017.032         NAD 83 UTM ZONE 11N           SXL07 11+50W         12/07/2005         SOIL         523684.4921         5496017.032         NAD 83 UTM ZONE 11N           SXL07 11+50W         12/07/2005         SOIL         523686.2217         5496017.803         NAD 83 UTM ZONE 11N           SXL07 12+0W         12/07/2005         SOIL         523562.0866         5496019.345         NAD 83 UTM ZONE 11N           SXL07 12+20W         12/07/2005         SOIL         523513.8162         5496020.116         NAD 83 UTM ZONE 11N           SXL07 12+25W         12/07/2005         SOIL         523513.8162         5496021.658         NAD 83 UTM ZONE 11N           SXL07 12+25W         12/07/2005         SOIL         5234						
SXL07 10+25W         12/07/2005         SOIL         523731.0327         5496013.948         NAD 83 UTM ZONE 11N           SXL07 10+50W         12/07/2005         SOIL         523706.8976         5496014.719         NAD 83 UTM ZONE 11N           SXL07 10+75W         12/07/2005         SOIL         523682.7624         5496015.49         NAD 83 UTM ZONE 11N           SXL07 11+00W         12/07/2005         SOIL         523658.6272         5496016.261         NAD 83 UTM ZONE 11N           SXL07 11+25W         12/07/2005         SOIL         523634.4921         5496017.032         NAD 83 UTM ZONE 11N           SXL07 11+50W         12/07/2005         SOIL         523610.3569         5496017.803         NAD 83 UTM ZONE 11N           SXL07 11+50W         12/07/2005         SOIL         523662.0866         5496017.803         NAD 83 UTM ZONE 11N           SXL07 12+00W         12/07/2005         SOIL         523562.0866         5496019.345         NAD 83 UTM ZONE 11N           SXL07 12+25W         12/07/2005         SOIL         523513.8162         5496020.116         NAD 83 UTM ZONE 11N           SXL07 12+50W         12/07/2005         SOIL         523489.6811         5496023.287         NAD 83 UTM ZONE 11N           SXL07 13+50W         12/07/2005         SOIL         5234						
SXL07 10+50W12/07/2005 SOIL523706.89765496014.719 NAD 83 UTM ZONE 11NSXL07 10+75W12/07/2005 SOIL523682.76245496015.49 NAD 83 UTM ZONE 11NSXL07 11+00W12/07/2005 SOIL523658.62725496016.261 NAD 83 UTM ZONE 11NSXL07 11+25W12/07/2005 SOIL523634.49215496017.032 NAD 83 UTM ZONE 11NSXL07 11+50W12/07/2005 SOIL523610.35695496017.803 NAD 83 UTM ZONE 11NSXL07 11+50W12/07/2005 SOIL523661.35695496018.574 NAD 83 UTM ZONE 11NSXL07 11+75W12/07/2005 SOIL523562.08665496019.345 NAD 83 UTM ZONE 11NSXL07 12+00W12/07/2005 SOIL523562.08665496019.345 NAD 83 UTM ZONE 11NSXL07 12+50W12/07/2005 SOIL523513.81625496020.116 NAD 83 UTM ZONE 11NSXL07 12+50W12/07/2005 SOIL523513.81625496020.887 NAD 83 UTM ZONE 11NSXL07 12+75W12/07/2005 SOIL523489.68115496021.658 NAD 83 UTM ZONE 11NSXL07 13+00W12/07/2005 SOIL523441.41075496022.429 NAD 83 UTM ZONE 11NSXL07 13+25W12/07/2005 SOIL523417.27565496023.971 NAD 83 UTM ZONE 11NSXL07 13+50W12/07/2005 SOIL523393.14045496023.971 NAD 83 UTM ZONE 11NSXL07 14+25W12/07/2005 SOIL523369.00525496022.513 NAD 83 UTM ZONE 11NSXL07 14+25W12/07/2005 SOIL523369.00525496025.513 NAD 83 UTM ZONE 11NSXL07 14+25W12/07/2005 SOIL523320.73495496027.055 NAD 83 UTM ZONE 11NSXL07 14+50W12/07/2005 SOIL523320.73495496027.055 NAD 83 UTM ZONE						
SXL07 10+75W         12/07/2005 SOIL         523682.7624         5496015.49         NAD 83 UTM ZONE 11N           SXL07 11+00W         12/07/2005 SOIL         523658.6272         5496016.261         NAD 83 UTM ZONE 11N           SXL07 11+25W         12/07/2005 SOIL         523634.4921         5496017.032         NAD 83 UTM ZONE 11N           SXL07 11+50W         12/07/2005 SOIL         523610.3569         5496017.803         NAD 83 UTM ZONE 11N           SXL07 11+75W         12/07/2005 SOIL         523586.2217         5496018.574         NAD 83 UTM ZONE 11N           SXL07 12+00W         12/07/2005 SOIL         523586.2217         5496019.345         NAD 83 UTM ZONE 11N           SXL07 12+50W         12/07/2005 SOIL         52357.9514         5496020.116         NAD 83 UTM ZONE 11N           SXL07 12+50W         12/07/2005 SOIL         523513.8162         5496020.887         NAD 83 UTM ZONE 11N           SXL07 12+75W         12/07/2005 SOIL         523489.6811         5496021.658         NAD 83 UTM ZONE 11N           SXL07 13+00W         12/07/2005 SOIL         523441.4107         5496023.2         NAD 83 UTM ZONE 11N           SXL07 13+25W         12/07/2005 SOIL         523441.4107         5496023.2         NAD 83 UTM ZONE 11N           SXL07 13+50W         12/07/2005 SOIL         523441.72756						
SXL07 11+00W12/07/2005SOIL523658.62725496016.261NAD 83UTM ZONE 11NSXL07 11+25W12/07/2005SOIL523634.49215496017.032NAD 83UTM ZONE 11NSXL07 11+50W12/07/2005SOIL523610.35695496017.803NAD 83UTM ZONE 11NSXL07 11+75W12/07/2005SOIL523586.22175496018.574NAD 83UTM ZONE 11NSXL07 12+00W12/07/2005SOIL523562.08665496019.345NAD 83UTM ZONE 11NSXL07 12+25W12/07/2005SOIL52357.95145496020.116NAD 83UTM ZONE 11NSXL07 12+50W12/07/2005SOIL523513.81625496020.887NAD 83UTM ZONE 11NSXL07 12+75W12/07/2005SOIL523465.54595496021.658NAD 83UTM ZONE 11NSXL07 13+0W12/07/2005SOIL523465.54595496023.2NAD 83UTM ZONE 11NSXL07 13+25W12/07/2005SOIL523417.27565496023.2NAD 83UTM ZONE 11NSXL07 13+50W12/07/2005SOIL523493.14045496024.742NAD 83UTM ZONE 11NSXL07 13+75W12/07/2005SOIL523369.00525496025.513NAD 83UTM ZONE 11NSXL07 14+00W12/07/2005SOIL523369.00525496023.971NAD 83UTM ZONE 11NSXL07 14+25W12/07/2005SOIL523320.73495496027.055NAD 83UTM ZONE 11NSXL07 14+50W12/07/2005SOIL523296.59975496027.055NAD 83						
SXL07 11+25W12/07/2005SOIL523634.49215496017.032NAD 83 UTM ZONE 11NSXL07 11+50W12/07/2005SOIL523610.35695496017.803NAD 83 UTM ZONE 11NSXL07 11+75W12/07/2005SOIL523586.22175496018.574NAD 83 UTM ZONE 11NSXL07 12+00W12/07/2005SOIL523562.08665496019.345NAD 83 UTM ZONE 11NSXL07 12+25W12/07/2005SOIL523537.95145496020.116NAD 83 UTM ZONE 11NSXL07 12+25W12/07/2005SOIL523513.81625496020.887NAD 83 UTM ZONE 11NSXL07 12+50W12/07/2005SOIL523489.68115496021.658NAD 83 UTM ZONE 11NSXL07 12+75W12/07/2005SOIL523465.54595496022.429NAD 83 UTM ZONE 11NSXL07 13+00W12/07/2005SOIL523441.41075496023.2NAD 83 UTM ZONE 11NSXL07 13+25W12/07/2005SOIL523393.14045496023.971NAD 83 UTM ZONE 11NSXL07 13+50W12/07/2005SOIL523369.00525496023.971NAD 83 UTM ZONE 11NSXL07 13+75W12/07/2005SOIL523369.00525496025.513NAD 83 UTM ZONE 11NSXL07 14+00W12/07/2005SOIL523369.00525496025.513NAD 83 UTM ZONE 11NSXL07 14+25W12/07/2005SOIL523320.73495496027.055NAD 83 UTM ZONE 11NSXL07 14+50W12/07/2005SOIL523296.59975496027.055NAD 83 UTM ZONE 11NSXL07 14+75W12/07/2005SOIL523296.59975496027.8						
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SXL07 12+50W12/07/2005 SOIL523513.81625496020.887 NAD 83 UTM ZONE 11NSXL07 12+75W12/07/2005 SOIL523489.68115496021.658 NAD 83 UTM ZONE 11NSXL07 13+00W12/07/2005 SOIL523465.54595496022.429 NAD 83 UTM ZONE 11NSXL07 13+25W12/07/2005 SOIL523441.41075496023.2 NAD 83 UTM ZONE 11NSXL07 13+50W12/07/2005 SOIL523417.27565496023.971 NAD 83 UTM ZONE 11NSXL07 13+50W12/07/2005 SOIL523393.14045496024.742 NAD 83 UTM ZONE 11NSXL07 13+75W12/07/2005 SOIL523369.00525496025.513 NAD 83 UTM ZONE 11NSXL07 14+00W12/07/2005 SOIL523344.87015496026.284 NAD 83 UTM ZONE 11NSXL07 14+25W12/07/2005 SOIL523320.73495496027.055 NAD 83 UTM ZONE 11NSXL07 14+50W12/07/2005 SOIL523296.59975496027.827 NAD 83 UTM ZONE 11N						
SXL07 12+75W         12/07/2005 SOIL         523489.6811         5496021.658         NAD 83 UTM ZONE 11N           SXL07 13+00W         12/07/2005 SOIL         523465.5459         5496022.429         NAD 83 UTM ZONE 11N           SXL07 13+25W         12/07/2005 SOIL         523445.5459         5496023.2         NAD 83 UTM ZONE 11N           SXL07 13+25W         12/07/2005 SOIL         523417.2756         5496023.971         NAD 83 UTM ZONE 11N           SXL07 13+50W         12/07/2005 SOIL         523393.1404         5496023.971         NAD 83 UTM ZONE 11N           SXL07 13+75W         12/07/2005 SOIL         523393.1404         5496024.742         NAD 83 UTM ZONE 11N           SXL07 14+00W         12/07/2005 SOIL         523369.0052         5496025.513         NAD 83 UTM ZONE 11N           SXL07 14+25W         12/07/2005 SOIL         523344.8701         5496026.284         NAD 83 UTM ZONE 11N           SXL07 14+25W         12/07/2005 SOIL         523320.7349         5496027.055         NAD 83 UTM ZONE 11N           SXL07 14+75W         12/07/2005 SOIL         523296.5997         5496027.827         NAD 83 UTM ZONE 11N						
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SXL07 13+50W         12/07/2005 SOIL         523417.2756         5496023.971 NAD 83 UTM ZONE 11N           SXL07 13+75W         12/07/2005 SOIL         523393.1404         5496024.742 NAD 83 UTM ZONE 11N           SXL07 14+00W         12/07/2005 SOIL         523369.0052         5496025.513 NAD 83 UTM ZONE 11N           SXL07 14+25W         12/07/2005 SOIL         523344.8701         5496026.284 NAD 83 UTM ZONE 11N           SXL07 14+50W         12/07/2005 SOIL         523320.7349         5496027.055 NAD 83 UTM ZONE 11N           SXL07 14+75W         12/07/2005 SOIL         523296.5997         5496027.827 NAD 83 UTM ZONE 11N						
SXL07 13+75W         12/07/2005 SOIL         523393.1404         5496024.742 NAD 83 UTM ZONE 11N           SXL07 14+00W         12/07/2005 SOIL         523369.0052         5496025.513 NAD 83 UTM ZONE 11N           SXL07 14+25W         12/07/2005 SOIL         523344.8701         5496026.284 NAD 83 UTM ZONE 11N           SXL07 14+50W         12/07/2005 SOIL         523320.7349         5496027.055 NAD 83 UTM ZONE 11N           SXL07 14+75W         12/07/2005 SOIL         523296.5997         5496027.827 NAD 83 UTM ZONE 11N						
SXL07 14+25W         12/07/2005 SOIL         523344.8701         5496026.284 NAD 83 UTM ZONE 11N           SXL07 14+50W         12/07/2005 SOIL         523320.7349         5496027.055 NAD 83 UTM ZONE 11N           SXL07 14+75W         12/07/2005 SOIL         523296.5997         5496027.827 NAD 83 UTM ZONE 11N						
SXL07 14+50W         12/07/2005 SOIL         523320.7349         5496027.055 NAD 83 UTM ZONE 11N           SXL07 14+75W         12/07/2005 SOIL         523296.5997         5496027.827 NAD 83 UTM ZONE 11N	SXL07 14+00W			523369.0052	5496025.513	NAD 83 UTM ZONE 11N
SXL07 14+75W 12/07/2005 SOIL 523296.5997 5496027.827 NAD 83 UTM ZONE 11N	SXL07 14+25W	12/07/2005 S	OIL	523344.8701	5496026.284	NAD 83 UTM ZONE 11N
	SXL07 14+50W					
ISXL07 15+00W/ 12/07/2005ISOII 523272 4646 5406028 508INAD 83 LITM 70NE 11N						
	SXL07 15+00W	12/07/2005 S		523272.4646		
SXL07 15+25W         12/07/2005 SOIL         523248.3294         5496029.369 NAD 83 UTM ZONE 11N						
SXL07 15+50W         12/07/2005 SOIL         523224.1942         5496030.14 NAD 83 UTM ZONE 11N						
SXL07 15+75W         12/07/2005 SOIL         523200.0591         5496030.911 NAD 83 UTM ZONE 11N	SXL07 15+75W	12/07/2005 S	OIL	523200.0591	5496030.911	NAD 83 UTM ZONE 11N

SAMPLE NUMBER	DATE	SAMPLE TYPE	UTM X	UTM Y	UTM ZONE
SXL07 16+00W	12/07/2005	SOIL	523175.9239	5496031.682	NAD 83 UTM ZONE 11N
SXL07 16+25W	12/07/2005		523151.7887		NAD 83 UTM ZONE 11N
SXL07 16+50W	12/07/2005		523127.6536		NAD 83 UTM ZONE 11N
SXL07 16+75W	12/07/2005		523104		NAD 83 UTM ZONE 11N
SXL08 00+00	11/07/2005		524614		NAD 83 UTM ZONE 11N
SXL08 00+25W	11/07/2005		524589.7915		NAD 83 UTM ZONE 11N
SXL08 00+50W	11/07/2005		524565.429		NAD 83 UTM ZONE 11N
SXL08 00+75W	11/07/2005		524541.0664		NAD 83 UTM ZONE 11N
SXL08 01+00W	11/07/2005		524516.7039		NAD 83 UTM ZONE 11N
SXL08 01+25W	11/07/2005		524492.3413		NAD 83 UTM ZONE 11N
SXL08 01+50W	11/07/2005		524467.9788		NAD 83 UTM ZONE 11N
SXL08 01+75W	11/07/2005		524443.6162		NAD 83 UTM ZONE 11N
SXL08 02+00W	11/07/2005		524419.2537		NAD 83 UTM ZONE 11N
SXL08 02+25W	11/07/2005		524394.8911		NAD 83 UTM ZONE 11N
SXL08 02+50W	11/07/2005		524370.5286		NAD 83 UTM ZONE 11N
SXL08 02+75W	11/07/2005		524346.1661		NAD 83 UTM ZONE 11N
SXL08 03+00W	11/07/2005		524321.8035		NAD 83 UTM ZONE 11N
SXL08 03+25W	11/07/2005		524297.441		NAD 83 UTM ZONE 11N
SXL08 03+50W	11/07/2005		524273.0784		NAD 83 UTM ZONE 11N
SXL08 03+75W	11/07/2005		524248.7159		NAD 83 UTM ZONE 11N
SXL08 04+00W SXL08 04+25W	11/07/2005		524224.3533		NAD 83 UTM ZONE 11N
SXL08 04+25W SXL08 04+50W	11/07/2005		524199.9908 524175.6282		NAD 83 UTM ZONE 11N NAD 83 UTM ZONE 11N
SXL08 04+50W SXL08 04+75W	11/07/2005 \$ 11/07/2005 \$		524175.6282		NAD 83 UTM ZONE 11N
SXL08 04+75W SXL08 05+00W	11/07/2005		524151.2657		NAD 83 UTM ZONE 11N
SXL08 05+00W SXL08 05+25W	11/07/2005		524126.9031		NAD 83 UTM ZONE 11N
SXL08 05+25W	11/07/2005		524078.178		NAD 83 UTM ZONE 11N
SXL08 05+50W	11/07/2005		524053.8155		NAD 83 UTM ZONE 11N
SXL08 05+75W	11/07/2005		524029.4529		NAD 83 UTM ZONE 11N
SXL08 00+00W	11/07/2005		524005.0904		NAD 83 UTM ZONE 11N
SXL08 06+50W	11/07/2005		523980.7278		NAD 83 UTM ZONE 11N
SXL08 06+75W	11/07/2005		523956.3653		NAD 83 UTM ZONE 11N
SXL08 07+00W	11/07/2005		523932.0027		NAD 83 UTM ZONE 11N
SXL08 07+25W	11/07/2005		523907.6402		NAD 83 UTM ZONE 11N
SXL08 07+50W	11/07/2005		523883.2776		NAD 83 UTM ZONE 11N
SXL08 07+75W	11/07/2005		523858.9151		NAD 83 UTM ZONE 11N
SXL08 08+00W	11/07/2005		523834.5525		NAD 83 UTM ZONE 11N
SXL08 08+25W	11/07/2005		523810.19		NAD 83 UTM ZONE 11N
SXL08 08+50W	11/07/2005		523785.8274		NAD 83 UTM ZONE 11N
SXL08 08+75W	11/07/2005		523761.4649		NAD 83 UTM ZONE 11N
SXL08 09+00W	11/07/2005		523737.1023		NAD 83 UTM ZONE 11N
SXL08 09+25W	11/07/2005	SOIL	523712.7398	5495778.475	NAD 83 UTM ZONE 11N
SXL08 09+50W	11/07/2005	SOIL	523688.3772	5495779.464	NAD 83 UTM ZONE 11N
SXL08 09+75W	11/07/2005	SOIL	523664.0147	5495780.453	NAD 83 UTM ZONE 11N
SXL08 10+00W	11/07/2005	SOIL	523639.6521	5495781.443	NAD 83 UTM ZONE 11N
SXL08 10+25W	12/07/2005	SOIL	523615.2896	5495782.432	NAD 83 UTM ZONE 11N
SXL08 10+50W	12/07/2005	SOIL	523590.927		NAD 83 UTM ZONE 11N
SXL08 10+75W	12/07/2005		523566.5645		NAD 83 UTM ZONE 11N
SXL08 11+00W	12/07/2005		523542.2019		NAD 83 UTM ZONE 11N
SXL08 11+25W	12/07/2005		523517.8394		NAD 83 UTM ZONE 11N
SXL08 11+50W	12/07/2005		523493.4768		NAD 83 UTM ZONE 11N
SXL08 11+75W	12/07/2005		523469.1143		NAD 83 UTM ZONE 11N
SXL08 12+00W	12/07/2005		523444.7517		NAD 83 UTM ZONE 11N
SXL08 12+25W	12/07/2005		523420.3892		NAD 83 UTM ZONE 11N
SXL08 12+50W	12/07/2005		523396.0266		NAD 83 UTM ZONE 11N
SXL08 12+75W	12/07/2005		523371.6641		NAD 83 UTM ZONE 11N
SXL08 13+00W	12/07/2005		523347.3016		NAD 83 UTM ZONE 11N
SXL08 13+25W	12/07/2005		523322.939		NAD 83 UTM ZONE 11N
SXL08 13+50W	12/07/2005		523298.5765		NAD 83 UTM ZONE 11N
SXL08 13+75W	12/07/2005		523274.2139		NAD 83 UTM ZONE 11N
SXL08 14+00W	12/07/2005		523249.8514		NAD 83 UTM ZONE 11N
SXL08 14+25W	12/07/2005		523225.4888		NAD 83 UTM ZONE 11N
SXL08 14+50W	12/07/2005	SUIL	523201.1263	5495799.248	NAD 83 UTM ZONE 11N

SAMPLE NUMBER	DATE SAMPLE TYPE	UTM X	UTM Y	UTM ZONE
SXL08 14+75W	12/07/2005 SOIL	523176.7637	5495800.237	NAD 83 UTM ZONE 11N
SXL08 15+00W	12/07/2005 SOIL	523152.4012	5495801.226	NAD 83 UTM ZONE 11N
SXL08 15+25W	12/07/2005 SOIL	523128.0386	5495802.216	NAD 83 UTM ZONE 11N
SXL08 15+50W	12/07/2005 SOIL	523103.6761		NAD 83 UTM ZONE 11N
SXL08 15+75W	12/07/2005 SOIL	523079.3135	5495804.194	NAD 83 UTM ZONE 11N
SXL08 16+00W	12/07/2005 SOIL	523054.951		NAD 83 UTM ZONE 11N
SXL08 16+25W	12/07/2005 SOIL	523030.5884	5495806.172	NAD 83 UTM ZONE 11N
SXL08 16+50W	12/07/2005 SOIL	523006.2259		NAD 83 UTM ZONE 11N
SXL08 16+75W	12/07/2005 SOIL	522981.8633		NAD 83 UTM ZONE 11N
SXL08 17+00W	12/07/2005 SOIL	522958		NAD 83 UTM ZONE 11N
SXL09 00+00	12/07/2005 SOIL	523905		NAD 83 UTM ZONE 11N
SXL09 00+25E	12/07/2005 SOIL	523926.5437		NAD 83 UTM ZONE 11N
SXL09 00+25W	12/07/2005 SOIL	523880.4984		NAD 83 UTM ZONE 11N
SXL09 00+50E	12/07/2005 SOIL	523948.8601		NAD 83 UTM ZONE 11N
SXL09 00+50W	12/07/2005 SOIL	523857.461		NAD 83 UTM ZONE 11N
SXL09 00+75E	12/07/2005 SOIL	523971.1765		NAD 83 UTM ZONE 11N
SXL09 00+75W	12/07/2005 SOIL	523834.4236		NAD 83 UTM ZONE 11N
SXL09 01+00E	12/07/2005 SOIL	523993.493		NAD 83 UTM ZONE 11N
SXL09 01+00W	12/07/2005 SOIL	523811.3862		NAD 83 UTM ZONE 11N
SXL09 01+25E	12/07/2005 SOIL	524015.8094		NAD 83 UTM ZONE 11N
SXL09 01+25W	12/07/2005 SOIL	523788.3488		NAD 83 UTM ZONE 11N
SXL09 01+50E	12/07/2005 SOIL	524038.1258		NAD 83 UTM ZONE 11N
SXL09 01+50W	12/07/2005 SOIL	523765.3115		NAD 83 UTM ZONE 11N
SXL09 01+75E	12/07/2005 SOIL	524060.4423		NAD 83 UTM ZONE 11N
SXL09 01+75W	12/07/2005 SOIL	523742.2741		NAD 83 UTM ZONE 11N
SXL09 02+00E	12/07/2005 SOIL	524082.7587		NAD 83 UTM ZONE 11N
SXL09 02+00W	12/07/2005 SOIL	523719.2367		NAD 83 UTM ZONE 11N
SXL09 02+25E SXL09 02+25W	12/07/2005 SOIL	524105.0751 523696.1993		NAD 83 UTM ZONE 11N
SXL09 02+2500 SXL09 02+50E	12/07/2005 SOIL 12/07/2005 SOIL	524127.3916		NAD 83 UTM ZONE 11N NAD 83 UTM ZONE 11N
SXL09 02+50E SXL09 02+50W	12/07/2005 SOIL	523673.1619		NAD 83 UTM ZONE 11N
SXL09 02+50W	12/07/2005 SOIL	524149.708		NAD 83 UTM ZONE 11N
SXL09 02+75E	12/07/2005 SOIL	523650.1245		NAD 83 UTM ZONE 11N
SXL09 03+00E	12/07/2005 SOIL	524172.0244		NAD 83 UTM ZONE 11N
SXL09 03+00L	12/07/2005 SOIL	523627.0872		NAD 83 UTM ZONE 11N
SXL09 03+25E	12/07/2005 SOIL	524194.3409		NAD 83 UTM ZONE 11N
SXL09 03+25W	12/07/2005 SOIL	523604.0498		NAD 83 UTM ZONE 11N
SXL09 03+50E	12/07/2005 SOIL	524216.6573		NAD 83 UTM ZONE 11N
SXL09 03+50W	12/07/2005 SOIL	523581.0124		NAD 83 UTM ZONE 11N
SXL09 03+75E	12/07/2005 SOIL	524238.9737		NAD 83 UTM ZONE 11N
SXL09 03+75W	14/07/2005 SOIL	523557.975		NAD 83 UTM ZONE 11N
SXL09 04+00E	12/07/2005 SOIL	524261.2902		NAD 83 UTM ZONE 11N
SXL09 04+00W	14/07/2005 SOIL	523534.9376		NAD 83 UTM ZONE 11N
SXL09 04+25E	12/07/2005 SOIL	524283.6066		NAD 83 UTM ZONE 11N
SXL09 04+25W	14/07/2005 SOIL	523511.9003		NAD 83 UTM ZONE 11N
SXL09 04+50E	12/07/2005 SOIL	524305.923		NAD 83 UTM ZONE 11N
SXL09 04+50W	14/07/2005 SOIL	523488.8629	5495538.777	NAD 83 UTM ZONE 11N
SXL09 04+75E	12/07/2005 SOIL	524328.2395	5495521.406	NAD 83 UTM ZONE 11N
SXL09 04+75W	14/07/2005 SOIL	523465.8255	5495539.242	NAD 83 UTM ZONE 11N
SXL09 05+00E	12/07/2005 SOIL	524350.5559	5495520.968	NAD 83 UTM ZONE 11N
SXL09 05+00W	14/07/2005 SOIL	523442.7881		NAD 83 UTM ZONE 11N
SXL09 05+25E	12/07/2005 SOIL	524372.8723		NAD 83 UTM ZONE 11N
SXL09 05+25W	14/07/2005 SOIL	523419.7507		NAD 83 UTM ZONE 11N
SXL09 05+50E	12/07/2005 SOIL	524395.1888		NAD 83 UTM ZONE 11N
SXL09 05+50W	14/07/2005 SOIL	523396.7134		NAD 83 UTM ZONE 11N
SXL09 05+75E	12/07/2005 SOIL	524417.5052		NAD 83 UTM ZONE 11N
SXL09 05+75W	14/07/2005 SOIL	523373.676		NAD 83 UTM ZONE 11N
SXL09 06+00E	12/07/2005 SOIL	524439.8216		NAD 83 UTM ZONE 11N
SXL09 06+00W	14/07/2005 SOIL	523350.6386		NAD 83 UTM ZONE 11N
SXL09 06+25E	12/07/2005 SOIL	524462.1381		NAD 83 UTM ZONE 11N
SXL09 06+25W	14/07/2005 SOIL	523327.6012		NAD 83 UTM ZONE 11N
SXL09 06+50E	12/07/2005 SOIL	524485		NAD 83 UTM ZONE 11N
SXL09 06+50W	14/07/2005 SOIL	523304.5638	5495542.495	NAD 83 UTM ZONE 11N

SAMPLE NUMBER	DATE	SAMPLE TYPE	UTM X	UTM Y	UTM ZONE
SXL09 06+75W	14/07/2005		523281.5265		NAD 83 UTM ZONE 11N
SXL09 07+00W	14/07/2005		523258.4891		NAD 83 UTM ZONE 11N
SXL09 07+25W	14/07/2005		523235.4517	5495543.889	NAD 83 UTM ZONE 11N
SXL09 07+50W	14/07/2005		523212.4143		NAD 83 UTM ZONE 11N
SXL09 07+75W	14/07/2005		523189.3769		NAD 83 UTM ZONE 11N
SXL09 08+00W	14/07/2005	SOIL	523166.3396	5495545.283	NAD 83 UTM ZONE 11N
SXL09 08+25W	14/07/2005		523143.3022		NAD 83 UTM ZONE 11N
SXL09 08+50W	14/07/2005		523120.2648		NAD 83 UTM ZONE 11N
SXL09 08+75W	14/07/2005	SOIL	523097.2274	5495546.677	NAD 83 UTM ZONE 11N
SXL09 09+00W	14/07/2005	SOIL	523074	5495547	NAD 83 UTM ZONE 11N
SXL10 00+00	14/07/2005	SOIL	523735	5495303	NAD 83 UTM ZONE 11N
SXL10 00+25E	15/07/2005	SOIL	523758.5761	5495302.187	NAD 83 UTM ZONE 11N
SXL10 00+25W	14/07/2005	SOIL	523710.584	5495303.918	NAD 83 UTM ZONE 11N
SXL10 00+50E	15/07/2005	SOIL	523782.2012	5495301.33	NAD 83 UTM ZONE 11N
SXL10 00+50W	14/07/2005	SOIL	523686.3043	5495304.793	NAD 83 UTM ZONE 11N
SXL10 00+75E	15/07/2005	SOIL	523805.8263	5495300.474	NAD 83 UTM ZONE 11N
SXL10 00+75W	14/07/2005	SOIL	523662.0247	5495305.668	NAD 83 UTM ZONE 11N
SXL10 01+00E	15/07/2005	SOIL	523829.4514	5495299.617	NAD 83 UTM ZONE 11N
SXL10 01+00W	14/07/2005		523637.7451		NAD 83 UTM ZONE 11N
SXL10 01+25E	15/07/2005		523853.0765		NAD 83 UTM ZONE 11N
SXL10 01+25W	14/07/2005		523613.4655		NAD 83 UTM ZONE 11N
SXL10 01+50E	15/07/2005		523876.7015		NAD 83 UTM ZONE 11N
SXL10 01+50W	14/07/2005		523589.1858		NAD 83 UTM ZONE 11N
SXL10 01+75E	15/07/2005		523900.3266		NAD 83 UTM ZONE 11N
SXL10 01+75W	14/07/2005		523564.9062		NAD 83 UTM ZONE 11N
SXL10 02+00E	15/07/2005		523923.9517		NAD 83 UTM ZONE 11N
SXL10 02+00W	14/07/2005		523540.6266		NAD 83 UTM ZONE 11N
SXL10 02+25E	15/07/2005		523947.5768		NAD 83 UTM ZONE 11N
SXL10 02+25W	14/07/2005		523516.3469		NAD 83 UTM ZONE 11N
SXL10 02+50E	15/07/2005		523971.2019		NAD 83 UTM ZONE 11N
SXL10 02+50W	14/07/2005		523492.0673		NAD 83 UTM ZONE 11N
SXL10 02+75E	15/07/2005		523994.827		NAD 83 UTM ZONE 11N
SXL10 02+75W	14/07/2005		523467.7877		NAD 83 UTM ZONE 11N NAD 83 UTM ZONE 11N
SXL10 03+00E SXL10 03+00W	15/07/2005		524018.4521		NAD 83 UTM ZONE 11N
SXL10 03+00W SXL10 03+25E	14/07/2005 15/07/2005		523443.5081 524042.0772		NAD 83 UTM ZONE 11N
SXL10 03+25E SXL10 03+25W	14/07/2005		523419.2284		NAD 83 UTM ZONE 11N
SXL10 03+25W SXL10 03+50E	15/07/2005		524065.7023		NAD 83 UTM ZONE 11N
SXL10 03+50E	14/07/2005		523394.9488		NAD 83 UTM ZONE 11N
SXL10 03+30W	15/07/2005		524089.3274		NAD 83 UTM ZONE 11N
SXL10 03+75E	14/07/2005		523370.6692		NAD 83 UTM ZONE 11N
SXL10 03+75W	15/07/2005		524112.9524		NAD 83 UTM ZONE 11N
SXL10 04+00U	14/07/2005		523346.3896		NAD 83 UTM ZONE 11N
SXL10 04+25E	15/07/2005		524136.5775		NAD 83 UTM ZONE 11N
SXL10 04+25W	14/07/2005		523322.1099		NAD 83 UTM ZONE 11N
SXL10 04+50E	15/07/2005		524160.2026		NAD 83 UTM ZONE 11N
SXL10 04+50W	14/07/2005		523297.8303		NAD 83 UTM ZONE 11N
SXL10 04+75E	15/07/2005		524183.8277		NAD 83 UTM ZONE 11N
SXL10 04+75W	14/07/2005		523273.5507		NAD 83 UTM ZONE 11N
SXL10 05+00E	15/07/2005		524207.4528	5495285.913	NAD 83 UTM ZONE 11N
SXL10 05+00W	14/07/2005	SOIL	523249.271	5495320.543	NAD 83 UTM ZONE 11N
SXL10 05+25E	15/07/2005	SOIL	524231.0779	5495285.056	NAD 83 UTM ZONE 11N
SXL10 05+25W	14/07/2005	SOIL	523224.9914	5495321.418	NAD 83 UTM ZONE 11N
SXL10 05+50E	15/07/2005		524255		NAD 83 UTM ZONE 11N
SXL10 05+50W	14/07/2005		523200.7118		NAD 83 UTM ZONE 11N
SXL10 05+75W	14/07/2005		523176.4322		NAD 83 UTM ZONE 11N
SXL10 06+00W	14/07/2005		523152.1525		NAD 83 UTM ZONE 11N
SXL10 06+25W	14/07/2005		523127.8729		NAD 83 UTM ZONE 11N
SXL10 06+50W	14/07/2005		523103.5933		NAD 83 UTM ZONE 11N
SXL10 06+75W	14/07/2005		523079.3136		NAD 83 UTM ZONE 11N
SXL10 07+00W	14/07/2005		523055.034		NAD 83 UTM ZONE 11N
SXL10 07+25W	14/07/2005		523030.7544		NAD 83 UTM ZONE 11N
SXL10 07+50W	14/07/2005	SUIL	523006.4748	5495329.293	NAD 83 UTM ZONE 11N

SAMPLE NUMBER	DATE SAMPLE TYPE	UTM X	UTM Y	UTM ZONE
SXL10 07+75W	14/07/2005 SOIL	522982.1951	5495330.168	NAD 83 UTM ZONE 11N
SXL10 08+00W	14/07/2005 SOIL	522958		NAD 83 UTM ZONE 11N
SXL11 00+00	14/07/2005 SOIL	523878		NAD 83 UTM ZONE 11N
SXL11 00+25E	15/07/2005 SOIL	523899.5213		NAD 83 UTM ZONE 11N
SXL11 00+25W	14/07/2005 SOIL	523853.4959		NAD 83 UTM ZONE 11N
SXL11 00+50E	15/07/2005 SOIL	523921.2552		NAD 83 UTM ZONE 11N
SXL11 00+50W	14/07/2005 SOIL	523829.5086		NAD 83 UTM ZONE 11N
SXL11 00+75E	15/07/2005 SOIL	523942.9891		NAD 83 UTM ZONE 11N
SXL11 00+75W	14/07/2005 SOIL	523805.5213		NAD 83 UTM ZONE 11N
SXL11 01+00E	15/07/2005 SOIL	523964.723		NAD 83 UTM ZONE 11N
SXL11 01+00W	14/07/2005 SOIL	523781.5339		NAD 83 UTM ZONE 11N
SXL11 01+25E	15/07/2005 SOIL	523986.4568		NAD 83 UTM ZONE 11N
SXL11 01+25W	14/07/2005 SOIL	523757.5466		NAD 83 UTM ZONE 11N
SXL11 01+50E	15/07/2005 SOIL	524008.1907		NAD 83 UTM ZONE 11N
SXL11 01+50W	14/07/2005 SOIL	523733.5592		NAD 83 UTM ZONE 11N
SXL11 01+75E	15/07/2005 SOIL	524029.9246		NAD 83 UTM ZONE 11N
SXL11 01+75W	14/07/2005 SOIL	523709.5719		NAD 83 UTM ZONE 11N
SXL11 02+00E	15/07/2005 SOIL	524051.6585		NAD 83 UTM ZONE 11N
SXL11 02+00W	14/07/2005 SOIL	523685.5845		NAD 83 UTM ZONE 11N
SXL11 02+25E	15/07/2005 SOIL	524073.3924		NAD 83 UTM ZONE 11N
SXL11 02+25W SXL11 02+50E	14/07/2005 SOIL	523661.5972 524095.1262		NAD 83 UTM ZONE 11N
SXL11 02+50E SXL11 02+50W	15/07/2005 SOIL 14/07/2005 SOIL	523637.6099		NAD 83 UTM ZONE 11N
SXL11 02+5000 SXL11 02+75E	15/07/2005 SOIL	524116.8601		NAD 83 UTM ZONE 11N NAD 83 UTM ZONE 11N
SXL11 02+75E SXL11 02+75W	14/07/2005 SOIL	523613.6225		NAD 83 UTM ZONE 11N
SXL11 02+75W SXL11 03+00E	15/07/2005 SOIL	523013.0225		NAD 83 UTM ZONE 11N
SXL11 03+00E	14/07/2005 SOIL	523589.6352		NAD 83 UTM ZONE 11N
SXL11 03+00W	15/07/2005 SOIL	524160.3279		NAD 83 UTM ZONE 11N
SXL11 03+25U	14/07/2005 SOIL	523565.6478		NAD 83 UTM ZONE 11N
SXL11 03+20W	15/07/2005 SOIL	524182.0617		NAD 83 UTM ZONE 11N
SXL11 03+50U	14/07/2005 SOIL	523541.6605		NAD 83 UTM ZONE 11N
SXL11 03+75E	15/07/2005 SOIL	524203.7956		NAD 83 UTM ZONE 11N
SXL11 03+75W	14/07/2005 SOIL	523517.6731		NAD 83 UTM ZONE 11N
SXL11 04+00E	15/07/2005 SOIL	524226		NAD 83 UTM ZONE 11N
SXL11 04+00W	14/07/2005 SOIL	523493.6858		NAD 83 UTM ZONE 11N
SXL11 04+25W	14/07/2005 SOIL	523469.6984		NAD 83 UTM ZONE 11N
SXL11 04+50W	14/07/2005 SOIL	523445.7111		NAD 83 UTM ZONE 11N
SXL11 04+75W	14/07/2005 SOIL	523421.7238		NAD 83 UTM ZONE 11N
SXL11 05+00W	14/07/2005 SOIL	523397.7364		NAD 83 UTM ZONE 11N
SXL11 05+25W	14/07/2005 SOIL	523373.7491		NAD 83 UTM ZONE 11N
SXL11 05+50W	14/07/2005 SOIL	523349.7617		NAD 83 UTM ZONE 11N
SXL11 05+75W	14/07/2005 SOIL	523325.7744		NAD 83 UTM ZONE 11N
SXL11 06+00W	14/07/2005 SOIL	523301.787		NAD 83 UTM ZONE 11N
SXL11 06+25W	14/07/2005 SOIL	523277.7997		NAD 83 UTM ZONE 11N
SXL11 06+50W	14/07/2005 SOIL	523253.8124		NAD 83 UTM ZONE 11N
SXL11 06+75W	14/07/2005 SOIL	523229.825		NAD 83 UTM ZONE 11N
SXL11 07+00W	14/07/2005 SOIL	523205.8377	5495078.095	NAD 83 UTM ZONE 11N
SXL11 07+25W	14/07/2005 SOIL	523181.8503		NAD 83 UTM ZONE 11N
SXL11 07+50W	14/07/2005 SOIL	523157.863	5495079.369	NAD 83 UTM ZONE 11N
SXL11 07+75W	14/07/2005 SOIL	523133.8756	5495080.006	NAD 83 UTM ZONE 11N
SXL11 08+00W	14/07/2005 SOIL	523109.8883	5495080.643	NAD 83 UTM ZONE 11N
SXL11 08+25W	14/07/2005 SOIL	523085.9009		NAD 83 UTM ZONE 11N
SXL11 08+50W	14/07/2005 SOIL	523061.9136		NAD 83 UTM ZONE 11N
SXL11 08+75W	14/07/2005 SOIL	523037.9263		NAD 83 UTM ZONE 11N
SXL11 09+00W	14/07/2005 SOIL	523014		NAD 83 UTM ZONE 11N
SXL12 00+00	15/07/2005 SOIL	523890		NAD 83 UTM ZONE 11N
SXL12 00+25E	15/07/2005 SOIL	523912.7013		NAD 83 UTM ZONE 11N
SXL12 00+25W	15/07/2005 SOIL	523864.9419		NAD 83 UTM ZONE 11N
SXL12 00+50E	15/07/2005 SOIL	523935.4409		NAD 83 UTM ZONE 11N
SXL12 00+50W	15/07/2005 SOIL	523839.9556		NAD 83 UTM ZONE 11N
SXL12 00+75E	15/07/2005 SOIL	523958.1804		NAD 83 UTM ZONE 11N
SXL12 00+75W	15/07/2005 SOIL	523814.9694		NAD 83 UTM ZONE 11N
SXL12 01+00E	15/07/2005 SOIL	523980.92	5494845.655	NAD 83 UTM ZONE 11N

SAMPLE NUMBER	DATE SAMPLE TYPE	UTM X	UTM Y	UTM ZONE
SXL12 01+00W	15/07/2005 SOIL	523789.9831	5494853.827	NAD 83 UTM ZONE 11N
SXL12 01+25E	15/07/2005 SOIL	524003.6596		NAD 83 UTM ZONE 11N
SXL12 01+25W	15/07/2005 SOIL	523764.9969		NAD 83 UTM ZONE 11N
SXL12 01+50E	15/07/2005 SOIL	524026.3992		NAD 83 UTM ZONE 11N
SXL12 01+50W	15/07/2005 SOIL	523740.0106		NAD 83 UTM ZONE 11N
SXL12 01+75E	15/07/2005 SOIL	524049.1388		NAD 83 UTM ZONE 11N
SXL12 01+75W	15/07/2005 SOIL	523715.0244		NAD 83 UTM ZONE 11N
SXL12 02+00E	15/07/2005 SOIL	524071.8783		NAD 83 UTM ZONE 11N
SXL12 02+00W	15/07/2005 SOIL	523690.0381		NAD 83 UTM ZONE 11N
SXL12 02+25E	15/07/2005 SOIL	524094.6179		NAD 83 UTM ZONE 11N
SXL12 02+25W	15/07/2005 SOIL	523665.0519		NAD 83 UTM ZONE 11N
SXL12 02+50E SXL12 02+50W	15/07/2005 SOIL 15/07/2005 SOIL	524117.3575 523640.0657		NAD 83 UTM ZONE 11N NAD 83 UTM ZONE 11N
SXL12 02+5000 SXL12 02+75E	15/07/2005 SOIL	524140.0971		NAD 83 UTM ZONE 11N
SXL12 02+75E	15/07/2005 SOIL	523615.0794		NAD 83 UTM ZONE 11N
SXL12 02+75W	15/07/2005 SOIL	524162.8367		NAD 83 UTM ZONE 11N
SXL12 03+00L	15/07/2005 SOIL	523590.0932		NAD 83 UTM ZONE 11N
SXL12 03+25E	15/07/2005 SOIL	524185.5762		NAD 83 UTM ZONE 11N
SXL12 03+25W	15/07/2005 SOIL	523565.1069		NAD 83 UTM ZONE 11N
SXL12 03+50E	15/07/2005 SOIL	524208.3158		NAD 83 UTM ZONE 11N
SXL12 03+50W	15/07/2005 SOIL	523540.1207		NAD 83 UTM ZONE 11N
SXL12 03+75E	15/07/2005 SOIL	524231.0554		NAD 83 UTM ZONE 11N
SXL12 03+75W	15/07/2005 SOIL	523515.1344	5494864.282	NAD 83 UTM ZONE 11N
SXL12 04+00E	15/07/2005 SOIL	524253.795	5494832.642	NAD 83 UTM ZONE 11N
SXL12 04+00W	15/07/2005 SOIL	523490.1482		NAD 83 UTM ZONE 11N
SXL12 04+25E	15/07/2005 SOIL	524276.5346		NAD 83 UTM ZONE 11N
SXL12 04+25W	15/07/2005 SOIL	523465.1619		NAD 83 UTM ZONE 11N
SXL12 04+50E	15/07/2005 SOIL	524299.2741		NAD 83 UTM ZONE 11N
SXL12 04+50W	15/07/2005 SOIL	523440.1757		NAD 83 UTM ZONE 11N
SXL12 04+75E	15/07/2005 SOIL	524322.0137		NAD 83 UTM ZONE 11N
SXL12 04+75W SXL12 05+00E	15/07/2005 SOIL 15/07/2005 SOIL	523415.1894 524344.7533		NAD 83 UTM ZONE 11N NAD 83 UTM ZONE 11N
SXL12 05+00E SXL12 05+00W	15/07/2005 SOIL	523390.2032		NAD 83 UTM ZONE 11N
SXL12 05+00W	15/07/2005 SOIL	524367.4929		NAD 83 UTM ZONE 11N
SXL12 05+25U	15/07/2005 SOIL	523365.2169		NAD 83 UTM ZONE 11N
SXL12 05+50E	15/07/2005 SOIL	524390.2325		NAD 83 UTM ZONE 11N
SXL12 05+50W	15/07/2005 SOIL	523340.2307		NAD 83 UTM ZONE 11N
SXL12 05+75E	15/07/2005 SOIL	524412.972		NAD 83 UTM ZONE 11N
SXL12 05+75W	15/07/2005 SOIL	523315.2444		NAD 83 UTM ZONE 11N
SXL12 06+00E	15/07/2005 SOIL	524435.7116		NAD 83 UTM ZONE 11N
SXL12 06+00W	15/07/2005 SOIL	523290.2582	5494872.835	NAD 83 UTM ZONE 11N
SXL12 06+25E	15/07/2005 SOIL	524458.4512	5494822.883	NAD 83 UTM ZONE 11N
SXL12 06+25W	15/07/2005 SOIL	523265.2719		NAD 83 UTM ZONE 11N
SXL12 06+50E	15/07/2005 SOIL	524481.1908		NAD 83 UTM ZONE 11N
SXL12 06+50W	15/07/2005 SOIL	523240.2857		NAD 83 UTM ZONE 11N
SXL12 06+75E	15/07/2005 SOIL	524503.9304		NAD 83 UTM ZONE 11N
SXL12 06+75W	15/07/2005 SOIL	523215.2994		NAD 83 UTM ZONE 11N
SXL12 07+00E	15/07/2005 SOIL	524526.6699		NAD 83 UTM ZONE 11N
SXL12 07+00W	15/07/2005 SOIL	523190.3132		NAD 83 UTM ZONE 11N NAD 83 UTM ZONE 11N
SXL12 07+25E SXL12 07+25W	15/07/2005 SOIL 15/07/2005 SOIL	524549.4095 523165.3269		NAD 83 UTM ZONE 11N
SXL12 07+20W	15/07/2005 SOIL	524572.1491		NAD 83 UTM ZONE 11N
SXL12 07+50L	15/07/2005 SOIL	523140.3407		NAD 83 UTM ZONE 11N
SXL12 07+30W	15/07/2005 SOIL	524594.8887		NAD 83 UTM ZONE 11N
SXL12 07+75E	15/07/2005 SOIL	523115.3544		NAD 83 UTM ZONE 11N
SXL12 08+00E	15/07/2005 SOIL	524617.6283		NAD 83 UTM ZONE 11N
SXL12 08+00W	15/07/2005 SOIL	523090.3682		NAD 83 UTM ZONE 11N
SXL12 08+25E	15/07/2005 SOIL	524640.3678		NAD 83 UTM ZONE 11N
SXL12 08+25W	15/07/2005 SOIL	523065.382		NAD 83 UTM ZONE 11N
SXL12 08+50E	15/07/2005 SOIL	524663.1074		NAD 83 UTM ZONE 11N
SXL12 08+50W	15/07/2005 SOIL	523040.3957		NAD 83 UTM ZONE 11N
SXL12 08+75E	15/07/2005 SOIL	524686		NAD 83 UTM ZONE 11N
SXL12 08+75W	15/07/2005 SOIL	523015.4095	5494883.29	NAD 83 UTM ZONE 11N

SXL12 09+00W         15/07/2005 SOIL         522960         524428434241NAD 83 UTM ZONE 11N           SXL12 09+20W         15/07/2005 SOIL         522966         54948581NAD 83 UTM ZONE 11N           SXL13 00+26W         18/07/2005 SOIL         523865         54949573781NAD 83 UTM ZONE 11N           SXL13 00+25W         18/07/2005 SOIL         5238412018         5494587 S291NAD 83 UTM ZONE 11N           SXL13 00+50W         18/07/2005 SOIL         523817.5465         5494587 S391NAD 83 UTM ZONE 11N           SXL13 00+50W         18/07/2005 SOIL         523817.5465         5494587 S391NAD 83 UTM ZONE 11N           SXL13 00+50W         18/07/2005 SOIL         523913.333         5494587 S391NAD 83 UTM ZONE 11N           SXL13 01+00W         18/07/2005 SOIL         523974 S391         5494587 S391NAD 83 UTM ZONE 11N           SXL13 01+00W         18/07/2005 SOIL         523974 S57         5494588 S291NAD 83 UTM ZONE 11N           SXL13 01+25W         18/07/2005 SOIL         52494587 C391NAD 83 UTM ZONE 11N         ZNNE 11N           SXL13 01+25W         18/07/2005 SOIL         52494587 C391NAD 83 UTM ZONE 11N         ZNNE 11N           SXL13 01+25W         18/07/2005 SOIL         52494587 C391NAD 83 UTM ZONE 11N         ZNNE 11N           SXL13 01+25W         18/07/2005 SOIL         524944582 C391NAD 83 UTM ZONE 11N         ZNNE 11N	SAMPLE NUMBER	DATE SAMPLE TYPE	UTM X	UTM Y	UTM ZONE
SXL13         Construction         E33865         E3446881 NAD 83 UTM ZONE 11N           SXL13         00-25W         18/07/2005 SOIL         E32840 2271         5444587 3761NAD 83 UTM ZONE 11N           SXL13         00-25W         18/07/2005 SOIL         E32841 2018         5444587 3761NAD 83 UTM ZONE 11N           SXL13         00-50W         18/07/2005 SOIL         E32817 5436         5444587 5371NAD 83 UTM ZONE 11N           SXL13         00-50W         18/07/2005 SOIL         E32817 5436         5444587 531NAD 83 UTM ZONE 11N           SXL13         00-75W         18/07/2005 SOIL         E32871 333         S444585 131NAD 83 UTM ZONE 11N           SXL13         01-70W         18/07/2005 SOIL         E32970 2332         5444585 131NAD 83 UTM ZONE 11N           SXL13         01-70W         18/07/2005 SOIL         E32974 6577         5444585 221NAD 83 UTM ZONE 11N           SXL13         01-70W         18/07/2005 SOIL         E32474 6577         5444583 221NAD 83 UTM ZONE 11N           SXL13         01-70W         18/07/2005 SOIL         E32474 6577         5444583 221NAD 83 UTM ZONE 11N           SXL13         01-700S SOIL         E32474 6577         5444583 231NAD 83 UTM ZONE 11N           SXL13         01-700S SOIL         E32474 6577         5444583 251NAD 83 UTM ZONE 11N           <	SXL12 09+00W		522990.4232	5494884.24	NAD 83 UTM ZONE 11N
SXL13 00-26E         18/07/2005 SOIL         523890.2571         5494587 376 NAD 83 UTM ZONE 11N           SXL13 00-26W         18/07/2005 SOIL         523814.2018         5494586 587 NAD 83 UTM ZONE 11N           SXL13 00-276W         18/07/2005 SOIL         523817.54102         5494586 587 NAD 83 UTM ZONE 11N           SXL13 00-76E         18/07/2005 SOIL         523817.5466         5494587 537 NAD 83 UTM ZONE 11N           SXL13 00-776E         18/07/2005 SOIL         523973.8849         5494585 547 NAD 83 UTM ZONE 11N           SXL13 00-776W         18/07/2005 SOIL         523973.8849         5494585 104 NAD 83 UTM ZONE 11N           SXL13 01-700W         18/07/2005 SOIL         523992.4665         5494585 104 NAD 83 UTM ZONE 11N           SXL13 01-700W         18/07/2005 SOIL         523992.4665         5494586 270 NAD 83 UTM ZONE 11N           SXL13 01-700W         18/07/2005 SOIL         523992.4665         5494586 270 NAD 83 UTM ZONE 11N           SXL13 01-750W         18/07/2005 SOIL         523969 2476         5494586 270 NAD 83 UTM ZONE 11N           SXL13 01-750W         18/07/2005 SOIL         523869 2476         5494586 270 NAD 83 UTM ZONE 11N           SXL13 02-760W         18/07/2005 SOIL         523869 5447         5494586 270 NAD 83 UTM ZONE 11N           SXL13 02-760W         18/07/2005 SOIL         523467 689 SAD 83 UTM ZONE 11	SXL12 09+25W	15/07/2005 SOIL	522966	5494885	NAD 83 UTM ZONE 11N
SXL13         D0+25W         18/07/2005         SOLL         623841.2018         6344868.5781 NAD 83 UTM ZONE 11N           SXL13         00+50W         18/07/2005         SOLL         623817.5465         6444868.7031 NAD 83 UTM ZONE 11N           SXL13         00+50W         18/07/2005         SOLL         623817.5465         6444687.5031 NAD 83 UTM ZONE 11N           SXL13         00+75W         18/07/2005         SOLL         6239783.8894         5444587.1781 NAD 83 UTM ZONE 11N           SXL13         01+00W         18/07/2005         SOLL         623970.2332         6444584.8261 NAD 83 UTM ZONE 11N           SXL13         01+00W         18/07/2005         SOLL         623746.577         5444586.621 NAD 83 UTM ZONE 11N           SXL13         01+05W         18/07/2005         SOLL         623722 2020         6444584.843.NAD 83 UTM ZONE 11N           SXL13         01+75W         18/07/2005         SOLL         623476.577         5444586.271 NAD 83 UTM ZONE 11N           SXL13         01+75W         18/07/2005         SOLL         623472.5208         6444581.471 NAD 83 UTM ZONE 11N           SXL13         02+75W         18/07/2005         SOLL         623475.6378         544458.571 NAD 83 UTM ZONE 11N           SXL13         02+75W         18/07/2005         SOLL<					
SXL13         SQL13         SQL14         SQL13         SQL13 <th< td=""><td></td><td></td><td></td><td></td><td></td></th<>					
SXL13         D0+60W         18/07/2006         SOIL         523817.5466         6444688.7503         NAD 83 UTM ZONE 11N           SXL13         00+75W         18/07/2006         SOIL         523793.8894         6444687.178         NAD 83 UTM ZONE 11N           SXL13         01+00W         18/07/2006         SOIL         523793.8894         6444586.428         NAD 83 UTM ZONE 11N           SXL13         01+00W         18/07/2006         SOIL         523793.8894         6444586.527         NAD 83 UTM ZONE 11N           SXL13         01+200E         18/07/2005         SOIL         523766.577         5444586.527         NAD 83 UTM ZONE 11N           SXL13         01+200W         18/07/2005         SOIL         523762         5444586.527         NAD 83 UTM ZONE 11N           SXL13         01+75W         18/07/2005         SOIL         523692.247         5444586.261         NAD 83 UTM ZONE 11N           SXL13         01+75W         18/07/2005         SOIL         523692.247         544458.261         NAD 83 UTM ZONE 11N           SXL13         02+20E         18/07/2005         SOIL         523692.247         544458.261         NAD 83 UTM ZONE 11N           SXL13         02+20E         18/07/2005         SOIL         5236867.505         544458					
SXL13         00+75E         18/07/2006 SOIL         623941.3833         6444685.8178 NAD 83 UTM ZONE 11N           SXL13         00+75W         18/07/2006 SOIL         623986 9164         5494587 164 NAD 83 UTM ZONE 11N           SXL13         01+00E         18/07/2006 SOIL         623986 9164         5494585 624 NAD 83 UTM ZONE 11N           SXL13         01+00W         18/07/2006 SOIL         623962 4695         5494588 1267 NAD 83 UTM ZONE 11N           SXL13         01+50E         18/07/2005 SOIL         522476 577         5494586 271 NAD 83 UTM ZONE 11N           SXL13         01+50E         18/07/2005 SOIL         5224018 0226         5494586.201 NAD 83 UTM ZONE 11N           SXL13         01+50E         18/07/2005 SOIL         5224018 0226         5494586.271 NAD 83 UTM ZONE 11N           SXL13         01+50E         18/07/2005 SOIL         522409 5247         5494585.55 NAD 83 UTM ZONE 11N           SXL13         02+50E         18/07/2005 SOIL         522475 5058         5494585.55 NAD 83 UTM ZONE 11N           SXL13         02+50E         18/07/2005 SOIL         522475 5058         5494585.25 NAD 83 UTM ZONE 11N           SXL13         02+50E         18/07/2005 SOIL         5224170 233 UTM ZONE 11N         SXL13 02+50W         18/07/2005 SOIL         5224171 23411         5494585.25 NAD 83 UTM ZONE 11N					
Skt.13         300+75W         18/07/2005         SOIL         523966         9164         5444656         ONE         11N           Skt.13         01+00W         18/07/2005         SOIL         523962         4544565         Adv Ab 30         UTM ZONE         11N           Skt.13         01+00W         18/07/2005         SOIL         523962         4564         52214A         B3 <utm td="" zone<="">         11N           Skt.13         01+52W         18/07/2005         SOIL         523462         5444         5424         SAU         B3<utm td="" zone<="">         11N           Skt.13&lt;01+650W</utm></utm>					
Skl.13         01+00E         18/07/2005         SOIL         523966         9146         5494586         SSIL1N           Skl.13         01+25E         18/07/2005         SOIL         523970         2332         5494586         SSIL1ND         S3 <ut 200e<="" td="">         11N           Skl.13         01+25E         18/07/2005         SOIL         523746         577         5494586         SZINA B3 UTM ZONE         11N           Skl.13         01+75E         18/07/2005         SOIL         523746         577         5494586         SZINA B3 UTM ZONE         11N           Skl.13         01+75E         18/07/2005         SOIL         5240458         5494586         SUNA B3 UTM ZONE         11N           Skl.13         01+75E         18/07/2005         SOIL         524096         76494581.926/NA B3 UTM ZONE         11N           Skl.13         02+00E         18/07/2005         SOIL         524094         54944581.926/NA B3 UTM ZONE         11N           Skl.13         02+20W         18/07/2005         SOIL         524094         54944585.95/NA D3 UTM ZONE         11N           Skl.13         02+20W         18/07/2005         SOIL         524187.28         SUTM ZONE         11N           Skl.13         02+00</ut>					
SXL13 01+00W         18/07/2005 [SOIL         52376 2332         5494564 262 [NAD 83 UTM ZONE 11N           SXL13 01+25W         18/07/2005 [SOIL         523746 677         5494564 262 [NAD 83 UTM ZONE 11N           SXL13 01+25W         18/07/2005 [SOIL         523746 677         5494458 262 [NAD 83 UTM ZONE 11N           SXL13 01+56W         18/07/2005 [SOIL         523762 544458 276         5494458 276 [NAD 83 UTM ZONE 11N           SXL13 01+75W         18/07/2005 [SOIL         523692 2647         5494458 276 [NAD 83 UTM ZONE 11N           SXL13 01+75W         18/07/2005 [SOIL         523695 2647         54944585 375 [NAD 83 UTM ZONE 11N           SXL13 02+00E         18/07/2005 [SOIL         524095 56484585 57 [NAD 33 UTM ZONE 11N           SXL13 02+00E         18/07/2005 [SOIL         524095 6681 54944585 375 [NAD 33 UTM ZONE 11N           SXL13 02+25E         18/07/2005 [SOIL         524095 6681 54944584 274] NAD 33 UTM ZONE 11N           SXL13 02+25E         18/07/2005 [SOIL         524167 384 89] NAD 33 UTM ZONE 11N           SXL13 02+75W         18/07/2005 [SOIL         5241457 788 5494576 59] NAD 33 UTM ZONE 11N           SXL13 02+75W         18/07/2005 [SOIL         524147 784 5494576 59] NAD 33 UTM ZONE 11N           SXL13 02+75W         18/07/2005 [SOIL         524548 737 AD 33 UTM ZONE 11N           SXL13 02+75W         18/07/2005 [SOIL <td< td=""><td></td><td></td><td></td><td></td><td></td></td<>					
Skl.13 01+25E         18/07/2005 [SOIL         523946 577         5494566 227 [NAD 83 UTM ZONE 11N           Skl.13 01+25E         18/07/2005 [SOIL         524716 577         5494566 227 [NAD 83 UTM ZONE 11N           Skl.13 01+50E         18/07/2005 [SOIL         524716 577         5494566 2201 [NAD 83 UTM ZONE 11N           Skl.13 01+75E         18/07/2005 [SOIL         524725 2206         54944962 201 [NAD 83 UTM ZONE 11N           Skl.13 01+75E         18/07/2005 [SOIL         524063 2756         54944962 201 [NAD 83 UTM ZONE 11N           Skl.13 01+75E         18/07/2005 [SOIL         524063 1287         5494585 120 [NAD 83 UTM ZONE 11N           Skl.13 02+00W         18/07/2005 [SOIL         524079 4681 5494581 147 [NAD 83 UTM ZONE 11N           Skl.13 02+00W         18/07/2005 [SOIL         524079 4681 5494581 147 [NAD 83 UTM ZONE 11N           Skl.13 02+00W         18/07/2005 [SOIL         524120 2249         5494585 128 [NAD 83 UTM ZONE 11N           Skl.13 02+00W         18/07/2005 [SOIL         5221402 549         5494585 75] NAD 83 UTM ZONE 11N           Skl.13 02+75W         18/07/2005 [SOIL         524145 788         5494575 [SN AD 83 UTM ZONE 11N           Skl.13 02+75W         18/07/2005 [SOIL         524145 788         5494587 [SN AD 83 UTM ZONE 11N           Skl.13 02+75W         18/07/2005 [SOIL         524145 788 [AD 83 UTM ZONE 11N					
Skl.13         01+25W         18/07/2005         SOIL         522748.677         5494583.431NAD.83 UTM ZONE 11N           Skl.13         01+50W         18/07/2005         SOIL         524718.228         5494583.431NAD.83 UTM ZONE 11N           Skl.13         01+75W         18/07/2005         SOIL         524762.29208         54944582.7041NAD.83 UTM ZONE 11N           Skl.13         01+75W         18/07/2005         SOIL         524668.27041NAD.83 UTM ZONE 11N           Skl.13         01+75W         18/07/2005         SOIL         524766.1267         5494585.51NAD.83 UTM ZONE 11N           Skl.13         02+00W         18/07/2005         SOIL         524075.6085         5494585.51NAD.83 UTM ZONE 11N           Skl.13         02+25W         18/07/2005         SOIL         524075.6881         54944581.4147 NAD.83 UTM ZONE 11N           Skl.13         02+50W         18/07/2005         SOIL         5241457.788         5494584.273 NAD.83 UTM ZONE 11N           Skl.13         02+50W         18/07/2005         SOIL         5241457.788         5494584.273 NAD.83 UTM ZONE 11N           Skl.13         02+75W         18/07/2005         SOIL         524580.9837         5494584.273 NAD.83 UTM ZONE 11N           Skl.13         02+75W         18/07/2005         SOIL         52454917					
SKL13 01+50E         18/07/2005         SOIL         524/18.0226         5494583.483 MAD 83 UTM ZONE 11N           SKL13 01+55W         18/07/2005         SOIL         523/22.9208         5494586.201 NAD 83 UTM ZONE 11N           SKL13 01+75E         18/07/2005         SOIL         523/699.2647         5494586.2701 NAD 83 UTM ZONE 11N           SKL13 02+00E         18/07/2005         SOIL         523/699.2647         5494586.1926         NAD 83 UTM ZONE 11N           SKL13 02+00E         18/07/2005         SOIL         523/697.6085         5494585.521 NAD 83 UTM ZONE 11N           SKL13 02+25E         18/07/2005         SOIL         523/697.6085         5494585.521 NAD 83 UTM ZONE 11N           SKL13 02+50E         18/07/2005         SOIL         523/651.9523         5494586.3369 NAD 83 UTM ZONE 11N           SKL13 02+75E         18/07/2005         SOIL         524/145.788         5494579.59 NAD 83 UTM ZONE 11N           SKL13 02+75W         18/07/2005         SOIL         523/680.46399         5494584.457         NAD 83 UTM ZONE 11N           SKL13 02+75W         18/07/2005         SOIL         523/680.989         AAD 83 UTM ZONE 11N           SKL13 03+25W         18/07/2005         SOIL         523/680.989         AAD 83 UTM ZONE 11N           SKL13 03+25W         18/07/2005 <td< td=""><td></td><td></td><td></td><td></td><td></td></td<>					
Skt.13         01+50W         18/07/2005         Soll         52403         5756         5494586         2704 NAD 83 UTM ZONE 11N           Skt.13         01+75W         18/07/2005         Soll         524043         5756         5494582         7540 NAD 83 UTM ZONE 11N           Skt.13         02+00E         18/07/2005         Soll         524069         5494581.926         NAD 83 UTM ZONE 11N           Skt.13         02+00W         18/07/2005         Soll         524056         5494585.524         NAD 83 UTM ZONE 11N           Skt.13         02+25W         18/07/2005         Soll         523659         5494585.224         NAD 83 UTM ZONE 11N           Skt.13         02+75E         18/07/2005         Soll         523628         5494584.899         NAD 83 UTM ZONE 11N           Skt.13         02+75E         18/07/2005         Soll         523624.899         5494584.899         NAD 83 UTM ZONE 11N           Skt.13         03+772005         Soll         523642.499         5494584.899         NAD 83 UTM ZONE 11N           Skt.13         03+76W         18/07/2005         Soll         523646.399         5494583.271 NAD 83 UTM ZONE 11N           Skt.13         03+76W         18/07/2005         Soll         523647         74944583.291 NAD 83 <td></td> <td></td> <td></td> <td></td> <td></td>					
Sk1.13         01+75E         18/07/2005         SOIL         52499.256         5494582.704 MD 83 UTM ZONE 11N           Sk1.13         01+75W         18/07/2005         SOIL         523692.647         5494686.875 MD 83 UTM ZONE 11N           Sk1.13         02+00E         18/07/2005         SOIL         523692.6408         5494585.55 MAD 83 UTM ZONE 11N           Sk1.13         02+00E         18/07/2005         SOIL         524094.6618         5494585.25 MAD 83 UTM ZONE 11N           Sk1.13         02+25E         18/07/2005         SOIL         524162.2349         5494586.369 MAD 83 UTM ZONE 11N           Sk1.13         02+50E         18/07/2005         SOIL         524162.2349         5494586.369 MAD 83 UTM ZONE 11N           Sk1.13         02+75E         18/07/2005         SOIL         524162.348         S494579.59 MAD 83 UTM ZONE 11N           Sk1.13         02+75E         18/07/2005         SOIL         524147.13411         5494578.812 MAD 83 UTM ZONE 11N           Sk1.13         02+75W         18/07/2005         SOIL         524171.3411         5494578.812 MAD 83 UTM ZONE 11N           Sk1.13         03+70W         18/07/2005         SOIL         52357.3276         5494583.3271 NAD 83 UTM ZONE 11N           Sk1.13         03+772005         SOIL         523457.3					
Sk1.13         Other Solit         523699.2647         5494581.279         NAD 83 UTM ZONE 11N           Sk1.13         02400F         18/07/2005         SOIL         524691.287         5494585.55         NAD 83 UTM ZONE 11N           Sk1.13         02425F         18/07/2005         SOIL         524694.8618         5494585.55         NAD 83 UTM ZONE 11N           Sk1.13         02425F         18/07/2005         SOIL         5224194.8618         5494585.224         NAD 83 UTM ZONE 11N           Sk1.13         02425F         18/07/2005         SOIL         522362.991         5494580.291 NAD 83 UTM ZONE 11N           Sk1.13         02475F         18/07/2005         SOIL         5224145.788         5494584.291 NAD 83 UTM ZONE 11N           Sk1.13         02475F         18/07/2005         SOIL         5224147.3411         5494578.4281 NAD 83 UTM ZONE 11N           Sk1.13         03400F         18/07/2005         SOIL         5224197         5494578.4281 NAD 83 UTM ZONE 11N           Sk1.13         03402F         18/07/2005         SOIL         523510.0152         5494581.291 NAD 83 UTM ZONE 11N           Sk1.13         03402F         18/07/2005         SOIL         523510.0152         5494582.291 NAD 83 UTM ZONE 11N           Sk1.13         03407/2005         SO					
SXL13         D2400E         18/07/2005         SOIL         52404681287         5404585.55         NAD 83 UTM ZONE 11N           SXL13         D2425E         18/07/2005         SOIL         523675.605         5404585.55         NAD 83 UTM ZONE 11N           SXL13         D2425E         18/07/2005         SOIL         523651.9523         5494580.369         NAD 83 UTM ZONE 11N           SXL13         D2425E         18/07/2005         SOIL         5224094.6818         5494580.369         NAD 83 UTM ZONE 11N           SXL13         D2475E         18/07/2005         SOIL         5224120.2349         5494580.369         NAD 83 UTM ZONE 11N           SXL13         D2475F         18/07/2005         SOIL         5224121.788         5494578.671         NAD 83 UTM ZONE 11N           SXL13         D2475W         18/07/2005         SOIL         522360.6339         5494581.421         NAD 83 UTM ZONE 11N           SXL13         D3400W         18/07/2005         SOIL         52357.376         5494583.271         NAD 83 UTM ZONE 11N           SXL13         D3400W         18/07/2005         SOIL         52357.376         5494583.271         NAD 83 UTM ZONE 11N           SXL13         D34475W         18/07/2005         SOIL         523418.399         549					
SXL13 02+00W         18/07/2005         SOIL         52875.6085         5494585.51 NAD 83 UTM ZONE 11N           SXL13 02+25W         18/07/2005         SOIL         528064.681         5494581.147 NAD 83 UTM ZONE 11N           SXL13 02+25W         18/07/2005         SOIL         522861.9523         5494580.524 NAD 83 UTM ZONE 11N           SXL13 02+50E         18/07/2005         SOIL         522861         5494580.591 NAD 83 UTM ZONE 11N           SXL13 02+75E         18/07/2005         SOIL         522801         5494580.591 NAD 83 UTM ZONE 11N           SXL13 02+75E         18/07/2005         SOIL         522804.639         5494580.571 NAD 83 UTM ZONE 11N           SXL13 03+00E         18/07/2005         SOIL         522810.083 UTM ZONE 11N         SXL13 03+22E         18/07/2005         SOIL         5224717.3411         5494581.571 NAD 83 UTM ZONE 11N           SXL13 03+22W         18/07/2005         SOIL         523513.0715         5494583.271 NAD 83 UTM ZONE 11N           SXL13 03+25W         18/07/2005         SOIL         523583.0714         5494583.271 NAD 83 UTM ZONE 11N           SXL13 03+75W         18/07/2005         SOIL         52346.359         5494582.271 NAD 83 UTM ZONE 11N           SXL13 04+50W         18/07/2005         SOIL         523462.7028         5494581.940 NAD 83 UTM ZONE 11N					
SXL13         1202+25E         18/07/2005         SOIL         524094.6818         5494581.224         NAD 83 UTM ZONE 11N           SXL13         02+56E         18/07/2005         SOIL         523651.9523         5494585.224         NAD 83 UTM ZONE 11N           SXL13         02+56E         18/07/2005         SOIL         523628.2961         5494580.369         NAD 83 UTM ZONE 11N           SXL13         02+75E         18/07/2005         SOIL         5234120         SAU 494578.579         NAD 83 UTM ZONE 11N           SXL13         02+75W         18/07/2005         SOIL         5234171.311         5494578.132         NAD 83 UTM ZONE 11N           SXL13         03+00W         18/07/2005         SOIL         523171.311         5494578.132         NAD 83 UTM ZONE 11N           SXL13         03+25W         18/07/2005         SOIL         52357.3276         5494583.322         NAD 83 UTM ZONE 11N           SXL13         03+25W         18/07/2005         SOIL         523357.3276         5494583.327         NAD 83 UTM ZONE 11N           SXL13         03+25W         18/07/2005         SOIL         5234486.359         5494583.241 NAD 83 UTM ZONE 11N           SXL13         04+02W         18/07/2005         SOIL         5234486.359         5494580.321 NAD					
SXL13         18/07/2005         SOIL         523651         5494585         224         NAD 83         UTM ZONE 11N           SXL13         02+50W         18/07/2005         SOIL         523122         2349         5494584         39         NAD 83         UTM ZONE 11N           SXL13         02+50W         18/07/2005         SOIL         5236464         5494579         SNAD 83         UTM ZONE 11N           SXL13         02+75W         18/07/2005         SOIL         5236464         539         S494579         NAD 83         UTM ZONE 11N           SXL13         03+00E         18/07/2005         SOIL         52357         5494578         NAD 83         UTM ZONE 11N           SXL13         03+25E         18/07/2005         SOIL         52357         5494583         SOIM AD 83         UTM ZONE 11N           SXL13         03+25E         18/07/2005         SOIL         52357         376         5494583         SOIM AD 83         UTM ZONE 11N           SXL13         03+25E         18/07/2005         SOIL         523510         152         5494583         SOIM AD 83         UTM ZONE 11N           SXL13         04+040W         18/07/2005         SOIL         523439         0466         5494582.294 </td <td></td> <td></td> <td></td> <td></td> <td></td>					
SXL1302+50E         18/07/2005 SOIL         524120.2349         549458.4899 NAD 83 UTM ZONE 11N           SXL1302+75E         18/07/2005 SOIL         523628.2961         5494584.899 NAD 83 UTM ZONE 11N           SXL1302+75E         18/07/2005 SOIL         524145.788         5494579.59 NAD 83 UTM ZONE 11N           SXL1302+75W         18/07/2005 SOIL         5224171.3411         5494578.812 NAD 83 UTM ZONE 11N           SXL1303+00W         18/07/2005 SOIL         52350.9837         5494578.812 NAD 83 UTM ZONE 11N           SXL1303+00W         18/07/2005 SOIL         523573.376         5494583.922 NAD 83 UTM ZONE 11N           SXL1303+50W         18/07/2005 SOIL         523573.376         5494583.290 NAD 83 UTM ZONE 11N           SXL1303+50W         18/07/2005 SOIL         523533.6714         5494583.291 NAD 83 UTM ZONE 11N           SXL1304+75W         18/07/2005 SOIL         523462.7028         5494582.62 NAD 83 UTM ZONE 11N           SXL1304+00W         18/07/2005 SOIL         523493.0466         5494582.294 NAD 83 UTM ZONE 11N           SXL1304+75W         18/07/2005 SOIL         52349.0468         5494582.294 NAD 83 UTM ZONE 11N           SXL1304+75W         18/07/2005 SOIL         52349.0468         5494581.317 NAD 83 UTM ZONE 11N           SXL1304+75W         18/07/2005 SOIL         523346.7743         5494586.20 NAD 83 UTM ZONE 11N<					
SXL13         18/07/2005         SOIL         523628.2961         5494584.399         NAD 83 UTM ZONE 11N           SXL13         02+75E         18/07/2005         SOIL         524145.788         5494579.59         NAD 83 UTM ZONE 11N           SXL13         02+75W         18/07/2005         SOIL         523604.6399         5494584.573         NAD 83 UTM ZONE 11N           SXL13         03+00E         18/07/2005         SOIL         523580.9837         5494584.248         NAD 83 UTM ZONE 11N           SXL13         03+25E         18/07/2005         SOIL         523580.9837         5494583.922         NAD 83 UTM ZONE 11N           SXL13         03+25W         18/07/2005         SOIL         523583.6714         5494583.922         NAD 83 UTM ZONE 11N           SXL13         03+25W         18/07/2005         SOIL         523583.6714         5494582.241ND 83 UTM ZONE 11N           SXL13         03+25W         18/07/2005         SOIL         523462.7028         5494582.241ND 83 UTM ZONE 11N           SXL13         04+25W         18/07/2005         SOIL         523482.7028         5494582.241ND 83 UTM ZONE 11N           SXL13         04+25W         18/07/2005         SOIL         523341.73343         5494581.969         NAD 83 UTM ZONE 11N					
SXL13 02+75E         18/07/2005         SOIL         524145.788         5494584.573         NAD 83 UTM ZONE 11N           SXL13 03+00E         18/07/2005         SOIL         523604.6399         5494584.573         NAD 83 UTM ZONE 11N           SXL13 03+00E         18/07/2005         SOIL         523580.9837         5494584.248         NAD 83 UTM ZONE 11N           SXL13 03+25W         18/07/2005         SOIL         523580.9837         5494584.248         NAD 83 UTM ZONE 11N           SXL13 03+25W         18/07/2005         SOIL         523587.3276         5494583.394         NAD 83 UTM ZONE 11N           SXL13 03+25W         18/07/2005         SOIL         523567.3276         5494583.221         NAD 83 UTM ZONE 11N           SXL13 03+25W         18/07/2005         SOIL         523466.359         5494583.221         NAD 83 UTM ZONE 11N           SXL13 04+25W         18/07/2005         SOIL         523467.728         5494581.481.NAD 83 UTM ZONE 11N           SXL13 04+75W         18/07/2005         SOIL         523415.3904         5494581.481.NAD 83 UTM ZONE 11N           SXL13 04+75W         18/07/2005         SOIL         523347.393         5494581.969         NAD 83 UTM ZONE 11N           SXL13 05+50W         18/07/2005         SOIL         523347.393         5494580.992 </td <td></td> <td></td> <td></td> <td></td> <td></td>					
SXL13         02+75W         18/07/2005         SOIL         523604         5399         5494584         573         NAD         B3         UTM         ZONE         11N           SXL13         03+00E         18/07/2005         SOIL         523458.0837         5494584.248         NAD         B3         UTM         ZONE         11N           SXL13         03+25E         18/07/2005         SOIL         52357.3276         5494583.3271         NAD         83         UTM         ZONE         11N           SXL13         03+25W         18/07/2005         SOIL         523510.0152         5494583.271         NAD         83         UTM         ZONE         11N           SXL13         03+75W         18/07/2005         SOIL         523462.7028         5494582.62         NAD         83         UTM         ZONE         11N           SXL13         04+25W         18/07/2005         SOIL         523417.3904         5494581.64         NAD         83         UTM         ZONE         11N           SXL13         04+75W         18/07/2005         SOIL         523341.713.904         5494581.64         NAD         83         UTM         ZONE         11N           SXL13         05+50W					
SXL13         03+00E         18/07/2005         SOIL         524171         5444578         812         NAD         B3         UTM         ZONE         11N           SXL13         03+25E         18/07/2005         SOIL         523580.9837         5494578         NAD         B3         UTM         ZONE         11N           SXL13         03+25E         18/07/2005         SOIL         523557.3276         5494583.922         NAD         B3         UTM         ZONE         11N           SXL13         03+50W         18/07/2005         SOIL         5235310.0152         5494583.271         NAD         B3         UTM         ZONE         11N           SXL13         04+02W         18/07/2005         SOIL         523466.359         5494582.945         NAD         83         UTM         ZONE         11N           SXL13         04+25W         18/07/2005         SOIL         523417.343         5494581.969         NAD         83         UTM         ZONE         11N           SXL13         04+75W         18/07/2005         SOIL         5233417.343         5494581.643         NAD         83         UTM         ZONE         11N           SXL13         04+75W         18/07/2005					
SXL13 03+00W         18/07/2005 SOIL         52350.9837         5494584.248 NAD 83 UTM ZONE 11N           SXL13 03+25E         18/07/2005 SOIL         524517         5494583.3922 NAD 83 UTM ZONE 11N           SXL13 03+25W         18/07/2005 SOIL         523557.3276         5494583.3922 NAD 83 UTM ZONE 11N           SXL13 03+50W         18/07/2005 SOIL         523533.6714         5494583.2921 NAD 83 UTM ZONE 11N           SXL13 03+75W         18/07/2005 SOIL         523466.359         5494582.245 NAD 83 UTM ZONE 11N           SXL13 04+25W         18/07/2005 SOIL         523467.022         5494582.62 NAD 83 UTM ZONE 11N           SXL13 04+25W         18/07/2005 SOIL         523467.022         5494582.429 NAD 83 UTM ZONE 11N           SXL13 04+75W         18/07/2005 SOIL         523467.028         5494581.463 NAD 83 UTM ZONE 11N           SXL13 04+75W         18/07/2005 SOIL         523346.713         5494581.463 NAD 83 UTM ZONE 11N           SXL13 05+00W         18/07/2005 SOIL         523320.7657         5494580.928 NAD 83 UTM ZONE 11N           SXL13 05+75W         18/07/2005 SOIL         523273.453         5494580.046 NAD 83 UTM ZONE 11N           SXL13 05+75W         18/07/2005 SOIL         523273.453         5494580.041 NAD 83 UTM ZONE 11N           SXL13 06+25W         18/07/2005 SOIL         523202.4848         5494579.69 NAD 83 UTM					
SXL13         03425E         18/07/2005         SOIL         52357.3276         5494578         NAD 83 UTM ZONE 11N           SXL13         03+25W         18/07/2005         SOIL         52357.3276         5494583.396         NAD 83 UTM ZONE 11N           SXL13         03+56W         18/07/2005         SOIL         52353.6714         5494583.271         NAD 83 UTM ZONE 11N           SXL13         03+75W         18/07/2005         SOIL         523486.359         5494582.294         NAD 83 UTM ZONE 11N           SXL13         04+25W         18/07/2005         SOIL         523486.359         5494582.294         NAD 83 UTM ZONE 11N           SXL13         04+50W         18/07/2005         SOIL         523487.0466         5494582.294         NAD 83 UTM ZONE 11N           SXL13         04+75W         18/07/2005         SOIL         523391.7343         5494581.1643         NAD 83 UTM ZONE 11N           SXL13         05+00W         18/07/2005         SOIL         523368.0781         5494580.342         NAD 83 UTM ZONE 11N           SXL13         05+75W         18/07/2005         SOIL         523207.657         5494580.066         NAD 83 UTM ZONE 11N           SXL13         06+50W         18/07/2005         SOIL         523297.1095         5494458					
SXL13         03+25W         18/07/2005         SOIL         523557.3276         5494583.922         NAD 83 UTM ZONE 11N           SXL13         03+50W         18/07/2005         SOIL         523310.0152         5494583.292         NAD 83 UTM ZONE 11N           SXL13         03+75W         18/07/2005         SOIL         523486.359         5494582.245         NAD 83 UTM ZONE 11N           SXL13         04+25W         18/07/2005         SOIL         523482.7028         5494582.62         NAD 83 UTM ZONE 11N           SXL13         04+25W         18/07/2005         SOIL         523439.0466         5494582.294         NAD 83 UTM ZONE 11N           SXL13         04+75W         18/07/2005         SOIL         523419.0466         5494581.969         NAD 83 UTM ZONE 11N           SXL13         05+52W         18/07/2005         SOIL         523398.0781         5494581.317 <nad 11n<="" 83="" td="" utm="" zone="">           SXL13         05+56W         18/07/2005         SOIL         523297.1095         5494580.392         NAD 83 UTM ZONE 11N           SXL13         05+50W         18/07/2005         SOIL         523297.1095         5494580.341<nad 11n<="" 83="" td="" utm="" zone="">           SXL13         06+25W         18/07/2005         SOIL         523202.484         5494579.69         NAD 83</nad></nad>					
SXL13 03+75W         18/07/2005 SOIL         523510.0152         5494583.271 NAD 83 UTM ZONE 11N           SXL13 04+00W         18/07/2005 SOIL         523486.359         5494582.62 NAD 83 UTM ZONE 11N           SXL13 04+25W         18/07/2005 SOIL         523462.7028         5494582.62 NAD 83 UTM ZONE 11N           SXL13 04+50W         18/07/2005 SOIL         523433.0466         5494582.62 NAD 83 UTM ZONE 11N           SXL13 04+75W         18/07/2005 SOIL         523391.7343         5494581.643 NAD 83 UTM ZONE 11N           SXL13 05+50W         18/07/2005 SOIL         523396.7343         5494581.643 NAD 83 UTM ZONE 11N           SXL13 05+50W         18/07/2005 SOIL         523320.7657         5494580.992 NAD 83 UTM ZONE 11N           SXL13 05+50W         18/07/2005 SOIL         523297.1095         5494580.015 NAD 83 UTM ZONE 11N           SXL13 06+00W         18/07/2005 SOIL         523297.4533         5494580.015 NAD 83 UTM ZONE 11N           SXL13 06+25W         18/07/2005 SOIL         523207.4543         5494580.015 NAD 83 UTM ZONE 11N           SXL13 07+20W         18/07/2005 SOIL         523207.4484         5494579.69 NAD 83 UTM ZONE 11N           SXL13 07+20W         18/07/2005 SOIL         523178.8286         5494578.73 NAD 83 UTM ZONE 11N           SXL13 07+20W         18/07/2005 SOIL         523178.8286         5494577.736 NAD 8					
SXL13         04+00W         18/07/2005         SOIL         523486.359         5494582.945         NAD 83 UTM ZONE 11N           SXL13         04+25W         18/07/2005         SOIL         523462.7028         5494582.294         NAD 83 UTM ZONE 11N           SXL13         04+75W         18/07/2005         SOIL         523439.0466         5494582.294         NAD 83 UTM ZONE 11N           SXL13         04+75W         18/07/2005         SOIL         523391.7343         5494581.343         NAD 83 UTM ZONE 11N           SXL13         05+25W         18/07/2005         SOIL         523348.4219         5494581.317         NAD 83 UTM ZONE 11N           SXL13         05+50W         18/07/2005         SOIL         523320.7657         5494580.666         NAD 83 UTM ZONE 11N           SXL13         05+50W         18/07/2005         SOIL         523273.4533         5494580.066         NAD 83 UTM ZONE 11N           SXL13         06+50W         18/07/2005         SOIL         523273.4533         5494580.061         NAD 83 UTM ZONE 11N           SXL13         07+00W         18/07/2005         SOIL         523273.4533         5494579.038         NAD 83 UTM ZONE 11N           SXL13         07+25W         18/07/2005         SOIL         523178.8286 <td< td=""><td>SXL13 03+50W</td><td></td><td></td><td></td><td></td></td<>	SXL13 03+50W				
SXL13         04+25W         18/07/2005         SOIL         523462.7028         5494582.62         NAD 83 UTM ZONE 11N           SXL13         04+75W         18/07/2005         SOIL         523415.3904         5494582.294         NAD 83 UTM ZONE 11N           SXL13         04+75W         18/07/2005         SOIL         523415.3904         5494581.643         NAD 83 UTM ZONE 11N           SXL13         05+00W         18/07/2005         SOIL         523315.3904         5494581.643         NAD 83 UTM ZONE 11N           SXL13         05+50W         18/07/2005         SOIL         523320.7657         5494580.092         NAD 83 UTM ZONE 11N           SXL13         06+00W         18/07/2005         SOIL         523220.7657         5494580.015         NAD 83 UTM ZONE 11N           SXL13         06+00W         18/07/2005         SOIL         523227.4533         5494580.015         NAD 83 UTM ZONE 11N           SXL13         06+00W         18/07/2005         SOIL         523220.4848         5494570.038         NAD 83 UTM ZONE 11N           SXL13         07+00W         18/07/2005         SOIL         523178.8286         5494578.071         NAD 83 UTM ZONE 11N           SXL13         07+75W         18/07/2005         SOIL         523107.86         5	SXL13 03+75W	18/07/2005 SOIL	523510.0152	5494583.271	NAD 83 UTM ZONE 11N
SXL13         04+50W         18/07/2005         SOIL         523439.0466         5494582.294         NAD 83 UTM ZONE 11N           SXL13         04+75W         18/07/2005         SOIL         5233415.3904         5494581.969         NAD 83 UTM ZONE 11N           SXL13         05+00W         18/07/2005         SOIL         523391.7343         5494581.317         NAD 83 UTM ZONE 11N           SXL13         05+25W         18/07/2005         SOIL         523368.0781         5494580.392         NAD 83 UTM ZONE 11N           SXL13         05+50W         18/07/2005         SOIL         523327.4533         5494580.301         NAD 83 UTM ZONE 11N           SXL13         06+00W         18/07/2005         SOIL         523297.1095         5494580.301         NAD 83 UTM ZONE 11N           SXL13         06+00W         18/07/2005         SOIL         523249.701         5494570.038         NAD 83 UTM ZONE 11N           SXL13         07+20W         18/07/2005         SOIL         523249.7071         5494578.713         NAD 83 UTM ZONE 11N           SXL13         07+20W         18/07/2005         SOIL         523178.8286         5494578.713         NAD 83 UTM ZONE 11N           SXL13         07+20W         18/07/2005         SOIL         523165.1724 <t< td=""><td>SXL13 04+00W</td><td>18/07/2005 SOIL</td><td>523486.359</td><td>5494582.945</td><td>NAD 83 UTM ZONE 11N</td></t<>	SXL13 04+00W	18/07/2005 SOIL	523486.359	5494582.945	NAD 83 UTM ZONE 11N
SXL13         04+75W         18/07/2005         SOIL         523415.3904         5494581.643         NAD 83         UTM ZONE 11N           SXL13         05+00W         18/07/2005         SOIL         523391.7343         5494581.347         NAD 83         UTM ZONE 11N           SXL13         05+25W         18/07/2005         SOIL         523344.4219         5494580.392         NAD 83         UTM ZONE 11N           SXL13         05+75W         18/07/2005         SOIL         523324.4219         5494580.341         NAD 83         UTM ZONE 11N           SXL13         06+00W         18/07/2005         SOIL         523297.1095         5494580.341         NAD 83         UTM ZONE 11N           SXL13         06+25W         18/07/2005         SOIL         523227.4533         5494580.045         NAD 83         UTM ZONE 11N           SXL13         06+50W         18/07/2005         SOIL         523202.4848         5494578.713         NAD 83         UTM ZONE 11N           SXL13         07+00W         18/07/2005         SOIL         523155.1724         5494578.062         NAD 83         UTM ZONE 11N           SXL13         07+25W         18/07/2005         SOIL         523165.1724         5494577.736         NAD 83         UTM ZONE 11N					
SXL13         05+00W         18/07/2005         SOIL         523391.7343         5494581.317         NAD 83         UTM ZONE 11N           SXL13         05+25W         18/07/2005         SOIL         523368.0781         5494580.392         NAD 83         UTM ZONE 11N           SXL13         05+75W         18/07/2005         SOIL         523344.219         5494580.066         NAD 83         UTM ZONE 11N           SXL13         06+00W         18/07/2005         SOIL         523220.7657         5494580.066         NAD 83         UTM ZONE 11N           SXL13         06+00W         18/07/2005         SOIL         523297.1095         5494580.015         NAD 83         UTM ZONE 11N           SXL13         06+25W         18/07/2005         SOIL         523273.4533         5494580.015         NAD 83         UTM ZONE 11N           SXL13         07+25W         18/07/2005         SOIL         523178.8286         5494578.713         NAD 83         UTM ZONE 11N           SXL13         07+25W         18/07/2005         SOIL         523178.8286         5494578.738         NAD 83         UTM ZONE 11N           SXL13         07+2005         SOIL         523178.8286         5494576.736         NAD 83         UTM ZONE 11N <td< td=""><td></td><td></td><td></td><td></td><td></td></td<>					
SXL13 05+25W         18/07/2005         SOIL         523368.0781         5494581.317         NAD 83 UTM ZONE 11N           SXL13 05+50W         18/07/2005         SOIL         523344.4219         5494580.992         NAD 83 UTM ZONE 11N           SXL13 05+75W         18/07/2005         SOIL         523320.7657         5494580.466         NAD 83 UTM ZONE 11N           SXL13 06+00W         18/07/2005         SOIL         523227.1095         5494580.015         NAD 83 UTM ZONE 11N           SXL13 06+25W         18/07/2005         SOIL         5232297.1095         5494579.69         NAD 83 UTM ZONE 11N           SXL13 07+00W         18/07/2005         SOIL         523249.7971         5494577.038         NAD 83 UTM ZONE 11N           SXL13 07+25W         18/07/2005         SOIL         523178.8286         5494578.173         NAD 83 UTM ZONE 11N           SXL13 07+50W         18/07/2005         SOIL         523178.8286         5494578.02         NAD 83 UTM ZONE 11N           SXL13 07+75W         18/07/2005         SOIL         523175.612         5494578.02         NAD 83 UTM ZONE 11N           SXL13 08+25W         18/07/2005         SOIL         523060.5477         5494577.08         NAD 83 UTM ZONE 11N           SXL13 08+25W         18/07/2005         SOIL         523060.					
SXL13 05+50W         18/07/2005         SOIL         523344.4219         5494580.992         NAD 83 UTM ZONE 11N           SXL13 05+75W         18/07/2005         SOIL         523320.7657         5494580.666         NAD 83 UTM ZONE 11N           SXL13 06+20W         18/07/2005         SOIL         523297.1095         5494580.015         NAD 83 UTM ZONE 11N           SXL13 06+20W         18/07/2005         SOIL         5232273.4533         5494580.015         NAD 83 UTM ZONE 11N           SXL13 06+50W         18/07/2005         SOIL         523220.4848         5494579.038         NAD 83 UTM ZONE 11N           SXL13 07+20W         18/07/2005         SOIL         523178.8286         5494578.731         NAD 83 UTM ZONE 11N           SXL13 07+50W         18/07/2005         SOIL         523175.1724         5494578.387         NAD 83 UTM ZONE 11N           SXL13 07+75W         18/07/2005         SOIL         523131.5162         5494578.062         NAD 83 UTM ZONE 11N           SXL13 08+25W         18/07/2005         SOIL         523060.5477         5494577.736         NAD 83 UTM ZONE 11N           SXL13 08+25W         18/07/2005         SOIL         523060.5477         5494576.759         NAD 83 UTM ZONE 11N           SXL13 08+50W         18/07/2005         SOIL         52					
SXL13 05+75W         18/07/2005         SOIL         523320.7657         5494580.666         NAD 83 UTM ZONE 11N           SXL13 06+00W         18/07/2005         SOIL         523297.1995         5494580.341         NAD 83 UTM ZONE 11N           SXL13 06+25W         18/07/2005         SOIL         523273.4533         5494580.015         NAD 83 UTM ZONE 11N           SXL13 06+50W         18/07/2005         SOIL         5232249.7971         5494579.69         NAD 83 UTM ZONE 11N           SXL13 07+00W         18/07/2005         SOIL         523202.4848         5494579.69         NAD 83 UTM ZONE 11N           SXL13 07+25W         18/07/2005         SOIL         523178.8286         5494578.737         NAD 83 UTM ZONE 11N           SXL13 07+50W         18/07/2005         SOIL         523155.1724         5494578.387         NAD 83 UTM ZONE 11N           SXL13 07+75W         18/07/2005         SOIL         523107.86         5494577.369         NAD 83 UTM ZONE 11N           SXL13 08+75W         18/07/2005         SOIL         523084.2039         5494577.408         NAD 83 UTM ZONE 11N           SXL13 08+50W         18/07/2005         SOIL         523060.5477         5494576.759         NAD 83 UTM ZONE 11N           SXL13 08+50W         18/07/2005         SOIL         523060					
SXL13 06+00W         18/07/2005         SOIL         523297.1095         5494580.341         NAD 83 UTM ZONE 11N           SXL13 06+25W         18/07/2005         SOIL         5232273.4533         5494580.015         NAD 83 UTM ZONE 11N           SXL13 06+50W         18/07/2005         SOIL         5232473.4533         5494579.069         NAD 83 UTM ZONE 11N           SXL13 07+50W         18/07/2005         SOIL         523202.4848         5494579.038         NAD 83 UTM ZONE 11N           SXL13 07+25W         18/07/2005         SOIL         523178.8286         5494578.713         NAD 83 UTM ZONE 11N           SXL13 07+50W         18/07/2005         SOIL         523175.1724         5494578.062         NAD 83 UTM ZONE 11N           SXL13 07+75W         18/07/2005         SOIL         523107.86         5494577.736         NAD 83 UTM ZONE 11N           SXL13 08+25W         18/07/2005         SOIL         523060.5477         5494577.411         NAD 83 UTM ZONE 11N           SXL13 08+50W         18/07/2005         SOIL         523036.8915         5494576.759         NAD 83 UTM ZONE 11N           SXL13 08+75W         18/07/2005         SOIL         523036.8915         5494576.759         NAD 83 UTM ZONE 11N           SXL13 09+00W         18/07/2005         SOIL         524					
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SXL13 06+50W         18/07/2005         SOIL         523249.7971         5494579.69         NAD 83 UTM ZONE 11N           SXL13 07+00W         18/07/2005         SOIL         523202.4848         5494579.038         NAD 83 UTM ZONE 11N           SXL13 07+25W         18/07/2005         SOIL         523178.8286         5494578.713         NAD 83 UTM ZONE 11N           SXL13 07+50W         18/07/2005         SOIL         523175.8286         5494578.02         NAD 83 UTM ZONE 11N           SXL13 07+75W         18/07/2005         SOIL         523131.5162         5494578.02         NAD 83 UTM ZONE 11N           SXL13 08+00W         18/07/2005         SOIL         523107.86         5494577.736         NAD 83 UTM ZONE 11N           SXL13 08+00W         18/07/2005         SOIL         523084.2039         5494577.411         NAD 83 UTM ZONE 11N           SXL13 08+25W         18/07/2005         SOIL         523060.5477         5494576.759         NAD 83 UTM ZONE 11N           SXL13 09+00W         18/07/2005         SOIL         523036.8915         5494576         NAD 83 UTM ZONE 11N           SXL13 09+25W         18/07/2005         SOIL         5220306.5477         5494576         NAD 83 UTM ZONE 11N           SXL13 09+25W         18/07/2005         SOIL         524034.6291 <td></td> <td></td> <td></td> <td></td> <td></td>					
SXL13 07+00W         18/07/2005         SOIL         523202.4848         5494579.038         NAD 83 UTM ZONE 11N           SXL13 07+25W         18/07/2005         SOIL         523178.8286         5494578.713         NAD 83 UTM ZONE 11N           SXL13 07+55W         18/07/2005         SOIL         523175.1724         5494578.387         NAD 83 UTM ZONE 11N           SXL13 07+75W         18/07/2005         SOIL         523175.1724         5494578.387         NAD 83 UTM ZONE 11N           SXL13 08+25W         18/07/2005         SOIL         523107.86         5494577.36         NAD 83 UTM ZONE 11N           SXL13 08+25W         18/07/2005         SOIL         523060.5477         5494577.085         NAD 83 UTM ZONE 11N           SXL13 08+50W         18/07/2005         SOIL         523013.2353         5494576.434         NAD 83 UTM ZONE 11N           SXL13 09+00W         18/07/2005         SOIL         523013.2353         5494576.434         NAD 83 UTM ZONE 11N           SXL13 09+25W         18/07/2005         SOIL         524034.6291         5494576         NAD 83 UTM ZONE 11N           SXL14 00+25E         28/07/2005         SOIL         524034.6291         5494576         NAD 83 UTM ZONE 11N           SXL14 00+50E         28/07/2005         SOIL         524059.2795 <td></td> <td></td> <td></td> <td></td> <td></td>					
SXL13 07+25W         18/07/2005         SOIL         523178.8286         5494578.713         NAD 83 UTM ZONE 11N           SXL13 07+50W         18/07/2005         SOIL         523155.1724         5494578.387         NAD 83 UTM ZONE 11N           SXL13 07+75W         18/07/2005         SOIL         523155.1724         5494578.062         NAD 83 UTM ZONE 11N           SXL13 07+75W         18/07/2005         SOIL         523107.86         5494577.062         NAD 83 UTM ZONE 11N           SXL13 08+00W         18/07/2005         SOIL         523084.2039         5494577.736         NAD 83 UTM ZONE 11N           SXL13 08+25W         18/07/2005         SOIL         523060.5477         5494576.759         NAD 83 UTM ZONE 11N           SXL13 08+50W         18/07/2005         SOIL         523013.2353         5494576.759         NAD 83 UTM ZONE 11N           SXL13 09+00W         18/07/2005         SOIL         523013.2353         5494576         NAD 83 UTM ZONE 11N           SXL13 09+25W         18/07/2005         SOIL         524034.6291         5494576         NAD 83 UTM ZONE 11N           SXL14 00+25E         28/07/2005         SOIL         524034.6291         5494576         NAD 83 UTM ZONE 11N           SXL14 00+50E         28/07/2005         SOIL         524059.2795					
SXL13 07+50W         18/07/2005         SOIL         523155.1724         5494578.387         NAD 83 UTM ZONE 11N           SXL13 07+75W         18/07/2005         SOIL         523131.5162         5494578.062         NAD 83 UTM ZONE 11N           SXL13 08+00W         18/07/2005         SOIL         523107.86         5494577.736         NAD 83 UTM ZONE 11N           SXL13 08+25W         18/07/2005         SOIL         523084.2039         5494577.411         NAD 83 UTM ZONE 11N           SXL13 08+50W         18/07/2005         SOIL         523060.5477         5494576.759         NAD 83 UTM ZONE 11N           SXL13 08+75W         18/07/2005         SOIL         523036.8915         5494576.434         NAD 83 UTM ZONE 11N           SXL13 09+00W         18/07/2005         SOIL         523013.2353         5494576         NAD 83 UTM ZONE 11N           SXL14 09+25E         28/07/2005         SOIL         524031.2353         5494576         NAD 83 UTM ZONE 11N           SXL14 00+50E         28/07/2005         SOIL         524034.6291         5494286.276         NAD 83 UTM ZONE 11N           SXL14 00+50E         28/07/2005         SOIL         524059.2795         5494286.068         NAD 83 UTM ZONE 11N           SXL14 01+02E         28/07/2005         SOIL         524108.5803 </td <td></td> <td></td> <td></td> <td></td> <td></td>					
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SXL13 08+25W         18/07/2005         SOIL         523084.2039         5494577.411         NAD 83 UTM ZONE 11N           SXL13 08+50W         18/07/2005         SOIL         523060.5477         5494577.085         NAD 83 UTM ZONE 11N           SXL13 08+75W         18/07/2005         SOIL         523036.8915         5494576.759         NAD 83 UTM ZONE 11N           SXL13 09+00W         18/07/2005         SOIL         523013.2353         5494576.434         NAD 83 UTM ZONE 11N           SXL13 09+25W         18/07/2005         SOIL         522990         5494576         NAD 83 UTM ZONE 11N           SXL14 00+25E         28/07/2005         SOIL         524034.6291         5494288.278         NAD 83 UTM ZONE 11N           SXL14 00+50E         28/07/2005         SOIL         524059.2795         5494287.541         NAD 83 UTM ZONE 11N           SXL14 00+75E         28/07/2005         SOIL         524083.9299         5494286.805         NAD 83 UTM ZONE 11N           SXL14 01+00E         28/07/2005         SOIL         524108.5803         5494286.305         NAD 83 UTM ZONE 11N           SXL14 01+25E         28/07/2005         SOIL         524108.5803         5494286.365         NAD 83 UTM ZONE 11N           SXL14 01+25E         28/07/2005         SOIL         524133.2307<					
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SXL14 00+75E         28/07/2005         SOIL         524083.9299         5494286.805         NAD 83 UTM ZONE 11N           SXL14 01+00E         28/07/2005         SOIL         524108.5803         5494286.068         NAD 83 UTM ZONE 11N           SXL14 01+25E         28/07/2005         SOIL         524133.2307         5494285.332         NAD 83 UTM ZONE 11N           SXL14 01+25E         28/07/2005         SOIL         524157.8811         5494284.595         NAD 83 UTM ZONE 11N           SXL14 01+50E         28/07/2005         SOIL         524182.5315         5494283.859         NAD 83 UTM ZONE 11N           SXL14 01+75E         28/07/2005         SOIL         524182.5315         5494283.859         NAD 83 UTM ZONE 11N           SXL14 02+00E         28/07/2005         SOIL         524207.1819         5494283.123         NAD 83 UTM ZONE 11N           SXL14 02+25E         28/07/2005         SOIL         524231.8323         5494282.386         NAD 83 UTM ZONE 11N           SXL14 02+25E         28/07/2005         SOIL         524231.8323         5494282.386         NAD 83 UTM ZONE 11N           SXL14 02+50E         28/07/2005         SOIL         524266.4827         5494281.65         NAD 83 UTM ZONE 11N					
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SXL14 01+75E         28/07/2005         SOIL         524182.5315         5494283.859         NAD 83 UTM ZONE 11N           SXL14 02+00E         28/07/2005         SOIL         524207.1819         5494283.123         NAD 83 UTM ZONE 11N           SXL14 02+25E         28/07/2005         SOIL         524231.8323         5494282.386         NAD 83 UTM ZONE 11N           SXL14 02+50E         28/07/2005         SOIL         524256.4827         5494281.65         NAD 83 UTM ZONE 11N	SXL14 01+25E	28/07/2005 SOIL	524133.2307	5494285.332	NAD 83 UTM ZONE 11N
SXL14 02+00E         28/07/2005         SOIL         524207.1819         5494283.123         NAD 83 UTM ZONE 11N           SXL14 02+25E         28/07/2005         SOIL         524231.8323         5494282.386         NAD 83 UTM ZONE 11N           SXL14 02+50E         28/07/2005         SOIL         524256.4827         5494281.65         NAD 83 UTM ZONE 11N	SXL14 01+50E	28/07/2005 SOIL	524157.8811		
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SXL14 02+50E 28/07/2005 SOIL 524256.4827 5494281.65 NAD 83 UTM ZONE 11N					
SXL14 02+75E 28/07/2005 SOIL 524281.1331 5494280.913 NAD 83 UTM ZONE 11N					
	SXL14 02+75E	28/07/2005 SOIL	524281.1331	5494280.913	NAD 83 UTM ZONE 11N

SXL14         03+00E         28/07/2005         SOIL         52/43/05         54/42/08/1/N AD 83 UTM ZONE 11N           SXL14         03+50E         28/07/2005         SOIL         52/43/50         54/42/78.74         NAD 83 UTM ZONE 11N           SXL14         03+50E         28/07/2005         SOIL         52/43/57         54/42/78.74         NAD 83 UTM ZONE 11N           SXL14         04+50E         28/07/2005         SOIL         52/44/23         55/44/27.57         NAD 83 UTM ZONE 11N           SXL14         04+50E         28/07/2005         SOIL         52/44/23         54/42/77.578         NAD 83 UTM ZONE 11N           SXL14         04+50E         28/07/2005         SOIL         52/44/53         54/42/77.578         NAD 83 UTM ZONE 11N           SXL14         05+50E         28/07/2005         SOIL         52/457         54/42/77.428         NAD 83 UTM ZONE 11N           SXL14         05+50E         28/07/2005         SOIL         52/457         54/42/77.428         NAD 83 UTM ZONE 11N           SXL14         05+75E         28/07/2005         SOIL         52/457         54/427.54         NAD 83 UTM ZONE 11N           SXL14         05+75E         28/07/2005         SOIL         52/457         54/447.11N AD 83 UTM ZONE 11N <t< th=""><th>SAMPLE NUMBER</th><th>DATE</th><th>SAMPLE TYPE</th><th>UTM X</th><th>UTM Y</th><th>UTM ZONE</th></t<>	SAMPLE NUMBER	DATE	SAMPLE TYPE	UTM X	UTM Y	UTM ZONE
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SXL15 00+50E         29/07/2005         SOIL         52365 3529         5494145 1011 MD 83 UTM ZONE 11N           SXL15 00+50E         29/07/2005         SOIL         523693 0343         5494145 012 NAD 83 UTM ZONE 11N           SXL15 01+0E         29/07/2005         SOIL         523780.7157         5494145 012 NAD 83 UTM ZONE 11N           SXL15 01+56E         29/07/2005         SOIL         523760.785         5494139 013 NAD 83 UTM ZONE 11N           SXL15 01+75E         29/07/2005         SOIL         523831.4413         5494133 013 NAD 83 UTM ZONE 11N           SXL15 02+00E         29/07/2005         SOIL         523859.1227         5494130.014 NAD 83 UTM ZONE 11N           SXL15 02+75E         29/07/2005         SOIL         523861.4015 494124.014 NAD 83 UTM ZONE 11N           SXL15 02+75E         29/07/2005         SOIL         523969.8483         5494113.015 NAD 83 UTM ZONE 11N           SXL15 03+25E         29/07/2005         SOIL         523969.8483         5494118.015 NAD 83 UTM ZONE 11N           SXL15 03+25E         29/07/2005         SOIL         524025.211         5494110.016 NAD 83 UTM ZONE 11N           SXL15 04-75E         29/07/2005         SOIL         524025.211         5494112.016 NAD 83 UTM ZONE 11N           SXL15 04-75E         29/07/2005         SOIL         524005.297 5494100.						
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SXL15 01+00E         2907/2005 SOIL         523720.7167         5494145.012 NAD 83 UTM ZONE 11N           SXL15 01+52E         2907/2005 SOIL         523748.3971         5494132.012 NAD 83 UTM ZONE 11N           SXL15 01+55E         2907/2005 SOIL         523803.7599         5494130.013 NAD 83 UTM ZONE 11N           SXL15 02+25E         2907/2005 SOIL         523851.4413         5494130.013 NAD 83 UTM ZONE 11N           SXL15 02+00E         2907/2005 SOIL         523858.041         5494127.014 NAD 83 UTM ZONE 11N           SXL15 02+55E         2907/2005 SOIL         523984.8041         5494121.015 NAD 83 UTM ZONE 11N           SXL15 02+75E         2907/2005 SOIL         523941.4355         5494121.015 NAD 83 UTM ZONE 11N           SXL15 03+25E         2907/2005 SOIL         523947.4055         5494121.015 NAD 83 UTM ZONE 11N           SXL15 03+75E         2907/2005 SOIL         524052.2111         5494118.015 NAD 83 UTM ZONE 11N           SXL15 04+25E         2907/2005 SOIL         524052.8925         5494109.016 NAD 83 UTM ZONE 11N           SXL15 04+25E         2907/2005 SOIL         524052.8925         5494109.017 NAD 83 UTM ZONE 11N           SXL15 04+25E         2907/2005 SOIL         524012.3073         5494108.017 NAD 83 UTM ZONE 11N           SXL15 04+25E         2907/2005 SOIL         524118 .6459         54940901 NAD 83 UTM ZONE						
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SXL15 D1+75E         29/07/2005         SOIL         623803.7599         5494136.013 NAD 83 UTM ZONE 11N           SXL15 02+00E         29/07/2005         SOIL         523861.4413         5494133.013 NAD 83 UTM ZONE 11N           SXL15 02+50E         29/07/2005         SOIL         523866.8041         5494127.014 NAD 83 UTM ZONE 11N           SXL15 02+75E         29/07/2005         SOIL         523914.4855         5494124.014 NAD 83 UTM ZONE 11N           SXL15 02+75E         29/07/2005         SOIL         523914.4855         5494124.014 NAD 83 UTM ZONE 11N           SXL15 03+52E         29/07/2005         SOIL         523994.2669         5494124.014 NAD 83 UTM ZONE 11N           SXL15 03+50E         29/07/2005         SOIL         524992.529         5494118.015 NAD 83 UTM ZONE 11N           SXL15 03+50E         29/07/2005         SOIL         524052.8925         5494109.016 NAD 83 UTM ZONE 11N           SXL15 04+55E         29/07/2005         SOIL         524108.253         5494103.017 NAD 83 UTM ZONE 11N           SXL15 04+55E         29/07/2005         SOIL         524181         5494097.018 NAD 83 UTM ZONE 11N           SXL15 04+55E         29/07/2005         SOIL         524161         5494109.018 NAD 83 UTM ZONE 11N           SXL15 06+55E         29/07/2005         SOIL         524161 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
SXL15         02407         2005         SOIL         523831.4413         5494130.014         NAD 83 UTM ZONE 11N           SXL15         02425E         29/07/2005         SOIL         523859.1227         5494132.014         NAD 83 UTM ZONE 11N           SXL15         02475E         29/07/2005         SOIL         523868.8041         5494127.014         NAD 83 UTM ZONE 11N           SXL15         03400E         29/07/2005         SOIL         523942.1669         5494121.015         NAD 83 UTM ZONE 11N           SXL15         03400E         29/07/2005         SOIL         523969.8483         5494118.015         NAD 83 UTM ZONE 11N           SXL15         03475E         29/07/2005         SOIL         523969.75297         5494105.016         NAD 83 UTM ZONE 11N           SXL15         03475E         29/07/2005         SOIL         524052.2111         5494100.016         NAD 83 UTM ZONE 11N           SXL15         04475E         29/07/2005         SOIL         524108.253         5494100.017         NAD 83 UTM ZONE 11N           SXL15         04475E         29/07/2005         SOIL         524108.2544100.017         NAD 83 UTM ZONE 11N           SXL15         054450         5494104.018         NAD 83 UTM ZONE 11N         SXL15 054029         S4940104.0						
SXL15         024905         SOIL         523859.1227         5494130.014         NAD B3 UTM ZONE 11N           SXL15         02475E         29/07/2005         SOIL         523866.8041         5494127.014         NAD B3 UTM ZONE 11N           SXL15         02475E         29/07/2005         SOIL         523942.1669         5494121.015         NAD B3 UTM ZONE 11N           SXL15         03425E         29/07/2005         SOIL         523969.8483         5494112.016         NAD B3 UTM ZONE 11N           SXL15         03425E         29/07/2005         SOIL         523969.8483         5494110.016         NAB 3UTM ZONE 11N           SXL15         03470E         29/07/2005         SOIL         524025.211         5494109.016         NAD 83 UTM ZONE 11N           SXL15         04470E         29/07/2005         SOIL         524082.533         5494100.017         NAD 83 UTM ZONE 11N           SXL15         04475E         29/07/2005         SOIL         524191         5494109.016         NAD 83 UTM ZONE 11N           SXL15         04475E         29/07/2005         SOIL         524191         5494109.017         NAD 83 UTM ZONE 11N           SXL15         054205         5494039.018         NAB 3UTM ZONE 11N         SXL15         54513902         NAD 83						
SXL15         029/07/2005         SOIL         523914.4855         5494121.015         NAD 83 UTM ZONE 11N           SXL15         03+00E         29/07/2005         SOIL         523942.1669         5494112.015         NAD 83 UTM ZONE 11N           SXL15         03+25E         29/07/2005         SOIL         523969.8483         5494118.015         NAD 83 UTM ZONE 11N           SXL15         03+75E         29/07/2005         SOIL         523997.5297         5494115.015         NAD 83 UTM ZONE 11N           SXL15         04+00E         29/07/2005         SOIL         524080.5739         5494109.016         NAD 83 UTM ZONE 11N           SXL15         04+00E         29/07/2005         SOIL         524080.5739         5494100.017         NAD 83 UTM ZONE 11N           SXL15         04+75E         29/07/2005         SOIL         524163.6181         5494097.018         NAD 83 UTM ZONE 11N           SXL15         05+50E         29/07/2005         SOIL         524163.6181         5494091         NAD 83 UTM ZONE 11N           SXL16         05+50E         29/07/2005         SOIL         524163.35         5493921.92         NAD 83 UTM ZONE 11N           SXL16         00+50W         13/07/2005         SOIL         524163.355         5493921.92         N					5494130.014	NAD 83 UTM ZONE 11N
SXL15         034-00E         29/07/2005         SOIL         523969.8483         5494118.015         NAD 83         UTM ZONE 11N           SXL15         03+50E         29/07/2005         SOIL         523969.8483         5494118.015         NAD 83         UTM ZONE 11N           SXL15         03+50E         29/07/2005         SOIL         524927.5297         5494115.015         NAD 83         UTM ZONE 11N           SXL15         04+00E         29/07/2005         SOIL         524052.8225         5494100.016         NAD 83         UTM ZONE 11N           SXL15         04+00E         29/07/2005         SOIL         524108.2553         5494100.017         NAD 83         UTM ZONE 11N           SXL15         04+75E         29/07/2005         SOIL         524135.9367         5494100.017         NAD 83         UTM ZONE 11N           SXL15         05+00E         29/07/2005         SOIL         524191.2995         5494097.018         NAD 83         UTM ZONE 11N           SXL16         05+00E         29/07/2005         SOIL         524139         5493921         NAD 83         UTM ZONE 11N           SXL16         00+00         13/07/2005         SOIL         524149         5493921         NAD 83         UTM ZONE 11N	SXL15 02+50E	29/07/2005 S	OIL	523886.8041	5494127.014	NAD 83 UTM ZONE 11N
SXL15 03+25E         29/07/2005 SOIL         523969.8483         5494118.015 NAD 83 UTM ZONE 11N           SXL15 03+50E         29/07/2005 SOIL         524025.2111         5494112.016 NAD 83 UTM ZONE 11N           SXL15 03+50E         29/07/2005 SOIL         524025.2111         5494112.016 NAD 83 UTM ZONE 11N           SXL15 04+00E         29/07/2005 SOIL         524025.2913         5494100.016 NAD 83 UTM ZONE 11N           SXL15 04+25E         29/07/2005 SOIL         524025.395         5494100.016 NAD 83 UTM ZONE 11N           SXL15 04+25E         29/07/2005 SOIL         524108.2553         5494100.017 NAD 83 UTM ZONE 11N           SXL15 05+25E         29/07/2005 SOIL         524191.2995         5494090.18 NAD 83 UTM ZONE 11N           SXL15 05+25E         29/07/2005 SOIL         524191.2995         5494091 NAD 83 UTM ZONE 11N           SXL15 05+25E         29/07/2005 SOIL         524191.55493922.1NAD 83 UTM ZONE 11N           SXL16 00+25W         13/07/2005 SOIL         524193.6529         5493921.82 NAD 83 UTM ZONE 11N           SXL16 00+25W         13/07/2005 SOIL         524093.018         5493922.82 NAD 83 UTM ZONE 11N           SXL16 00+50W         13/07/2005 SOIL         524093.018         5493922.82 NAD 83 UTM ZONE 11N           SXL16 01+50W         13/07/2005 SOIL         524093.018         5493922.463 NAD 83 UTM ZONE 11N				523914.4855	5494124.014	NAD 83 UTM ZONE 11N
SXL15         03+60E         29/07/2005         SOIL         523997.5297         5494115         015         NAD 83         UTM ZONE 11N           SXL15         03+75E         29/07/2005         SOIL         524052.8925         5494100.016         NAD 83         UTM ZONE 11N           SXL15         04+00E         29/07/2005         SOIL         524052.8925         5494100.016         NAD 83         UTM ZONE 11N           SXL15         04+25E         29/07/2005         SOIL         524108.2553         5494100.017         NAD 83         UTM ZONE 11N           SXL15         04+75E         29/07/2005         SOIL         524118.59367         5494000.017         NAD 83         UTM ZONE 11N           SXL15         05+00E         29/07/2005         SOIL         524193.59367         5494091         NAD 83         UTM ZONE 11N           SXL15         05+25E         29/07/2005         SOIL         524193.5927         NAD 83         UTM ZONE 11N           SXL16         00+25W         13/07/2005         SOIL         524193.9529         S493921.921         NAD 83         UTM ZONE 11N           SXL16         00+25W         13/07/2005         SOIL         524083.018         5493922.828         NAD 83         UTM ZONE 11N <tr< td=""><td></td><td></td><td></td><td></td><td></td><td></td></tr<>						
SXL16 03+76E         29/07/2005 SOIL         524025.2111         5494112.016 NAD 83 UTM ZONE 11N           SXL15 04+00E         29/07/2005 SOIL         524080.5739         5494106.016 NAD 83 UTM ZONE 11N           SXL15 04+25E         29/07/2005 SOIL         524080.5739         5494106.016 NAD 83 UTM ZONE 11N           SXL15 04+50E         29/07/2005 SOIL         524108.2553         5494100.017 NAD 83 UTM ZONE 11N           SXL15 04+75E         29/07/2005 SOIL         524113.9367         549400.017 NAD 83 UTM ZONE 11N           SXL15 05+25E         29/07/2005 SOIL         524113.2995         5494091.018 NAD 83 UTM ZONE 11N           SXL15 05+25E         29/07/2005 SOIL         524191.2995         5494091 NAD 83 UTM ZONE 11N           SXL16 00+00         13/07/2005 SOIL         524139.6529         5493921.NAD 83 UTM ZONE 11N           SXL16 00+25W         13/07/2005 SOIL         524139.6529         5493921.92 NAD 83 UTM ZONE 11N           SXL16 00+75W         13/07/2005 SOIL         524093.018         5439322.373 NAD 83 UTM ZONE 11N           SXL16 01+25W         13/07/2005 SOIL         524093.018         5439322.373 NAD 83 UTM ZONE 11N           SXL16 01+50W         13/07/2005 SOIL         524028.0677         5439326.448 NAD 83 UTM ZONE 11N           SXL16 01+50W         13/07/2005 SOIL         523999.7482         54393927.366 NAD 83 UTM						
SXL15 04+00E         29/07/2005         SOIL         524080.5739         5494106.016         NAD 83 UTM ZONE 11N           SXL15 04+25E         29/07/2005         SOIL         524080.5739         5494103.017         NAD 83 UTM ZONE 11N           SXL15 04+55E         29/07/2005         SOIL         524108.2553         5494103.017         NAD 83 UTM ZONE 11N           SXL15 04+75E         29/07/2005         SOIL         524163.6181         5494097.018         NAD 83 UTM ZONE 11N           SXL15 05+00E         29/07/2005         SOIL         524191.2995         5494091.NAD 83 UTM ZONE 11N           SXL15 05+50E         29/07/2005         SOIL         524191.2995         5494091.NAD 83 UTM ZONE 11N           SXL16 00+00         13/07/2005         SOIL         524191.2995         5494091.NAD 83 UTM ZONE 11N           SXL16 00+50W         13/07/2005         SOIL         524139.652         5433921.921.NAD 83 UTM ZONE 11N           SXL16 00+50W         13/07/2005         SOIL         524093.018         5439322.378         NAD 83 UTM ZONE 11N           SXL16 01+52W         13/07/2005         SOIL         524069.7006         5433924.443         AAB 30 UTM ZONE 11N           SXL16 01+52W         13/07/2005         SOIL         524069.7066         5433924.443         AAB 30 UTM ZONE 11N						
SXL16         04+25E         29/07/2005         SOIL         524080.5739         5494106.016         NAD 83 UTM ZONE 11N           SXL15         04+50E         29/07/2005         SOIL         524108.2553         5494100.017         NAD 83 UTM ZONE 11N           SXL15         04+75E         29/07/2005         SOIL         524135.9367         5494100.017         NAD 83 UTM ZONE 11N           SXL15         05+00E         29/07/2005         SOIL         524135.9367         5494100.017         NAD 83 UTM ZONE 11N           SXL15         05+50E         29/07/2005         SOIL         52419         5494091         NAD 83 UTM ZONE 11N           SXL16         05+00E         29/07/2005         SOIL         524163         5493921.NAD 83 UTM ZONE 11N           SXL16         00+00         13/07/2005         SOIL         524116.3355         5493922.82         NAD 83 UTM ZONE 11N           SXL16         00+50W         13/07/2005         SOIL         524093.018         5493922.375         NAD 83 UTM ZONE 11N           SXL16         01+25W         13/07/2005         SOIL         524093.018         5493922.438         NAD 83 UTM ZONE 11N           SXL16         01+25W         13/07/2005         SOIL         524093.0657         5493926.438         NAD 83 UT						
SXL15 04+50E         29/07/2005 SOIL         524108.2553         5494103.017         NAD 83 UTM ZONE 11N           SXL15 04+75E         29/07/2005 SOIL         524103.6367         5494100.017         NAD 83 UTM ZONE 11N           SXL15 05+00E         29/07/2005 SOIL         524163.6181         5494097.018         NAD 83 UTM ZONE 11N           SXL15 05+25E         29/07/2005 SOIL         524103.6181         5494091.NAD 83 UTM ZONE 11N           SXL16 00+00         13/07/2005 SOIL         524121         54949921         NAD 83 UTM ZONE 11N           SXL16 00+25W         13/07/2005 SOIL         524139.6529         5493921.NAD 83 UTM ZONE 11N           SXL16 00+50W         13/07/2005 SOIL         524083.018         5493922.828 NAD 83 UTM ZONE 11N           SXL16 00+75W         13/07/2005 SOIL         524093.018         5493922.328 NAD 83 UTM ZONE 11N           SXL16 01+50W         13/07/2005 SOIL         524063.706         5493926.551 NAD 83 UTM ZONE 11N           SXL16 01+75W         13/07/2005 SOIL         52399.7482         5493927.356 NAD 83 UTM ZONE 11N           SXL16 01+75W         13/07/2005 SOIL         52399.74308         5493927.356 NAD 83 UTM ZONE 11N           SXL16 02+25W         13/07/2005 SOIL         52399.74308         5493929.274 NAD 83 UTM ZONE 11N           SXL16 02+25W         13/07/2005 SOIL						
SXL15 04+75E         29/07/2005         SOIL         524135.9367         5494100.017         NAD 83 UTM ZONE 11N           SXL15 05+00E         29/07/2005         SOIL         524163.6181         5494097.018         NAD 83 UTM ZONE 11N           SXL15 05+25E         29/07/2005         SOIL         524191.2995         5494094.018         NAD 83 UTM ZONE 11N           SXL15 05+50E         29/07/2005         SOIL         524219         5494091         NAD 83 UTM ZONE 11N           SXL16 00+00         13/07/2005         SOIL         524163         5493921.92         NAD 83 UTM ZONE 11N           SXL16 00+50W         13/07/2005         SOIL         524116.3355         5493922.328         NAD 83 UTM ZONE 11N           SXL16 00+75W         13/07/2005         SOIL         524093.018         5493922.428         NAD 83 UTM ZONE 11N           SXL16 01+25W         13/07/2005         SOIL         524093.018         5493926.458         NAD 83 UTM ZONE 11N           SXL16 01+50W         13/07/2005         SOIL         524046.381         5493926.458         NAD 83 UTM ZONE 11N           SXL16 01+75W         13/07/2005         SOIL         523976.4308         5493920.458         NAD 83 UTM ZONE 11N           SXL16 02+75W         13/07/2005         SOIL         523980.433						
SXL15         05+00E         29/07/2005         SOIL         524163.6181         5494097.018         NAD 83         UTM ZONE         11N           SXL15         05+25E         29/07/2005         SOIL         524219         5494091.018         NAD 83         UTM ZONE         11N           SXL15         05+50E         29/07/2005         SOIL         524219         5494091.NAD 83         UTM ZONE         11N           SXL16         00+00         13/07/2005         SOIL         524163         5493921.92         NAD 83         UTM ZONE         11N           SXL16         00+750W         13/07/2005         SOIL         524163.055         5493921.92         NAD 83         UTM ZONE         11N           SXL16         00+750W         13/07/2005         SOIL         524069.7006         5493924.643         NAD 83         UTM ZONE         11N           SXL16         01+25W         13/07/2005         SOIL         524063.0657         5493926.658         NAD 83         UTM ZONE         11N           SXL16         01+75W         13/07/2005         SOIL         523997.482         5493927.366         NAD 83         UTM ZONE         11N           SXL16         02+25W         13/07/2005         SOIL         52398						
SXL15         05+25E         29/07/2005         SOIL         524191.2995         5494094.018         NAD 83         UTM ZONE         11N           SXL15         05+50E         29/07/2005         SOIL         524219         5494091         NAD 83         UTM ZONE         11N           SXL16         00+00         13/07/2005         SOIL         524139.6529         5493921.92         NAD 83         UTM ZONE         11N           SXL16         00+25W         13/07/2005         SOIL         524139.6529         5493922.828         NAD 83         UTM ZONE         11N           SXL16         00+75W         13/07/2005         SOIL         524093.018         5493927.378         NAD 83         UTM ZONE         11N           SXL16         01+75W         13/07/2005         SOIL         524069.7006         5493926.458         NAD 83         UTM ZONE         11N           SXL16         01+75W         13/07/2005         SOIL         523999.7482         5493926.458         NAD 83         UTM ZONE         11N           SXL16         02+25W         13/07/2005         SOIL         523929.7958         5493930.897         NAD 83         UTM ZONE         11N           SXL16         02+25W         13/07/2005						
SXL15 05+50E         29/07/2005         SOIL         524219         5494091         NAD 83 UTM ZONE 11N           SXL16 00+00         13/07/2005         SOIL         524163         5493921.NAD 83 UTM ZONE 11N           SXL16 00+50W         13/07/2005         SOIL         524139.6529         5493921.92         NAD 83 UTM ZONE 11N           SXL16 00+50W         13/07/2005         SOIL         524119.63355         5493922.82         NAD 83 UTM ZONE 11N           SXL16 01+00W         13/07/2005         SOIL         524093.018         5493924.643         NAD 83 UTM ZONE 11N           SXL16 01+25W         13/07/2005         SOIL         524063.301         5493924.643         NAD 83 UTM ZONE 11N           SXL16 01+50W         13/07/2005         SOIL         524046.3831         5493926.458         NAD 83 UTM ZONE 11N           SXL16 01+75W         13/07/2005         SOIL         523999.7482         5493927.366         NAD 83 UTM ZONE 11N           SXL16 02+25W         13/07/2005         SOIL         523976.4308         5493920.474         NAD 83 UTM ZONE 11N           SXL16 02+25W         13/07/2005         SOIL         523992.7958         5493930.089         NAD 83 UTM ZONE 11N           SXL16 02+75W         13/07/2005         SOIL         523859.8435         5493933.904 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
SXL16         00+00         13/07/2005         SOIL         524163         5493921         NAD 83 UTM ZONE 11N           SXL16         00+25W         13/07/2005         SOIL         524139.6529         5493921.92         NAD 83 UTM ZONE 11N           SXL16         00+25W         13/07/2005         SOIL         524116.3355         5493922.828         NAD 83 UTM ZONE 11N           SXL16         01+75W         13/07/2005         SOIL         524069.7006         5493924.643         NAD 83 UTM ZONE 11N           SXL16         01+25W         13/07/2005         SOIL         524069.7006         5493926.551         NAD 83 UTM ZONE 11N           SXL16         01+25W         13/07/2005         SOIL         524069.7006         5493926.458         NAD 83 UTM ZONE 11N           SXL16         01+75W         13/07/2005         SOIL         523976.4308         5493927.366         NAD 83 UTM ZONE 11N           SXL16         02+0W         13/07/2005         SOIL         523987.4308         5493920.81         NAD 83 UTM ZONE 11N           SXL16         02+0W         13/07/2005         SOIL         523987.4308         5493930.997         NAD 83 UTM ZONE 11N           SXL16         02+50W         13/07/2005         SOIL         523883.1609         54939331.904						
SXL16 00+25W         13/07/2005         SOIL         524139.6529         5493921.92         NAD 83 UTM ZONE 11N           SXL16 00+50W         13/07/2005         SOIL         524116.3355         5493922.828         NAD 83 UTM ZONE 11N           SXL16 00+75W         13/07/2005         SOIL         524093.018         5493922.643         NAD 83 UTM ZONE 11N           SXL16 01+25W         13/07/2005         SOIL         524069.7006         5493926.643         NAD 83 UTM ZONE 11N           SXL16 01+25W         13/07/2005         SOIL         524046.3831         5493926.643         NAD 83 UTM ZONE 11N           SXL16 01+50W         13/07/2005         SOIL         523999.7482         5493927.366         NAD 83 UTM ZONE 11N           SXL16 01+75W         13/07/2005         SOIL         523953.1133         5493929.181         NAD 83 UTM ZONE 11N           SXL16 02+20W         13/07/2005         SOIL         523953.1133         5493930.089         NAD 83 UTM ZONE 11N           SXL16 02+50W         13/07/2005         SOIL         523929.7958         5493930.099         NAD 83 UTM ZONE 11N           SXL16 02+75W         13/07/2005         SOIL         523859.8435         5493933.928.12NAD 83 UTM ZONE 11N           SXL16 03+20W         13/07/2005         SOIL         523813.2086						
SXL16         00+50W         13/07/2005         SOIL         524116.3355         5493922.828         NAD 83         UTM ZONE 11N           SXL16         00+75W         13/07/2005         SOIL         524093.018         5493923.735         NAD 83         UTM ZONE 11N           SXL16         01+20W         13/07/2005         SOIL         524069.7006         5493924.643         NAD 83         UTM ZONE 11N           SXL16         01+25W         13/07/2005         SOIL         524023.0657         5493926.551         NAD 83         UTM ZONE 11N           SXL16         01+75W         13/07/2005         SOIL         523997.4422         5493927.366         NAD 83         UTM ZONE 11N           SXL16         02+25W         13/07/2005         SOIL         523997.4423         5493920.81         NAD 83         UTM ZONE 11N           SXL16         02+25W         13/07/2005         SOIL         523929.7958         5493930.089         NAD 83         UTM ZONE 11N           SXL16         02+75W         13/07/2005         SOIL         523883.1609         5493930.997         NAD 83         UTM ZONE 11N           SXL16         03+25W         13/07/2005         SOIL         523883.1609         5493933.72         NAD 83         UTM ZONE 11N     <						
SXL16         00+75W         13/07/2005         SOIL         524093.018         5493923.735         NAD 83 UTM ZONE 11N           SXL16         01+00W         13/07/2005         SOIL         524060.7006         5493924.643         NAD 83 UTM ZONE 11N           SXL16         01+25W         13/07/2005         SOIL         524046.3831         5493925.551         NAD 83 UTM ZONE 11N           SXL16         01+75W         13/07/2005         SOIL         523999.7482         5493927.366         NAD 83 UTM ZONE 11N           SXL16         01+75W         13/07/2005         SOIL         5239976.4308         5493928.274         NAD 83 UTM ZONE 11N           SXL16         02+25W         13/07/2005         SOIL         523995.1133         5493929.274         NAD 83 UTM ZONE 11N           SXL16         02+25W         13/07/2005         SOIL         523929.7958         5493930.089         NAD 83 UTM ZONE 11N           SXL16         02+75W         13/07/2005         SOIL         523863.1609         5493931.904         NAD 83 UTM ZONE 11N           SXL16         03+00W         13/07/2005         SOIL         523859.8435         5493933.72         NAD 83 UTM ZONE 11N           SXL16         03+50W         13/07/2005         SOIL         523813.2086 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td></td<>						
SXL16         01+25W         13/07/2005         SOIL         524046.3831         5493925.551         NAD         83         UTM ZONE         11N           SXL16         01+50W         13/07/2005         SOIL         524023.0657         5493926.458         NAD         83         UTM ZONE         11N           SXL16         01+75W         13/07/2005         SOIL         523997.482         5493927.366         NAD         83         UTM ZONE         11N           SXL16         02+25W         13/07/2005         SOIL         523953.1133         5493929.181         NAD         83         UTM ZONE         11N           SXL16         02+25W         13/07/2005         SOIL         523929.7958         5493930.089         NAD         83         UTM ZONE         11N           SXL16         02+75W         13/07/2005         SOIL         523859.8435         5493931.904         NAD         83         UTM ZONE         11N           SXL16         03+50W         13/07/2005         SOIL         523838.1609         5493933.271         NAD         83         UTM ZONE         11N           SXL16         03+75W         13/07/2005         SOIL         523813.2086         5493933.271         NAD         83	SXL16 00+75W					
SXL16 01+50W         13/07/2005         SOIL         524023.0657         5493926.458         NAD 83 UTM ZONE 11N           SXL16 01+75W         13/07/2005         SOIL         523999.7482         5493927.366         NAD 83 UTM ZONE 11N           SXL16 02+00W         13/07/2005         SOIL         523976.4308         5493928.274         NAD 83 UTM ZONE 11N           SXL16 02+25W         13/07/2005         SOIL         523929.7958         5493930.089         NAD 83 UTM ZONE 11N           SXL16 02+50W         13/07/2005         SOIL         523929.7958         5493930.097         NAD 83 UTM ZONE 11N           SXL16 02+75W         13/07/2005         SOIL         523806.4784         5493930.997         NAD 83 UTM ZONE 11N           SXL16 02+75W         13/07/2005         SOIL         523883.1609         5493931.904         NAD 83 UTM ZONE 11N           SXL16 03+25W         13/07/2005         SOIL         523836.526         5493933.72         NAD 83 UTM ZONE 11N           SXL16 03+50W         13/07/2005         SOIL         523813.2086         5493933.72         NAD 83 UTM ZONE 11N           SXL16 03+50W         13/07/2005         SOIL         523813.2086         5493933.735         NAD 83 UTM ZONE 11N           SXL16 04+50W         13/07/2005         SOIL         523766	SXL16 01+00W	13/07/2005 S	OIL	524069.7006	5493924.643	NAD 83 UTM ZONE 11N
SXL16 01+75W         13/07/2005 SOIL         523999.7482         5493927.366 NAD 83 UTM ZONE 11N           SXL16 02+00W         13/07/2005 SOIL         523976.4308         5493928.274 NAD 83 UTM ZONE 11N           SXL16 02+25W         13/07/2005 SOIL         523953.1133         5493929.181 NAD 83 UTM ZONE 11N           SXL16 02+50W         13/07/2005 SOIL         523995.1133         5493930.089 NAD 83 UTM ZONE 11N           SXL16 02+75W         13/07/2005 SOIL         523906.4784         5493930.997 NAD 83 UTM ZONE 11N           SXL16 03+00W         13/07/2005 SOIL         523883.1609         5493931.904 NAD 83 UTM ZONE 11N           SXL16 03+25W         13/07/2005 SOIL         523859.8435         5493933.72 NAD 83 UTM ZONE 11N           SXL16 03+50W         13/07/2005 SOIL         523813.2086         5493933.72 NAD 83 UTM ZONE 11N           SXL16 03+75W         13/07/2005 SOIL         523813.2086         5493934.627 NAD 83 UTM ZONE 11N           SXL16 04+25W         13/07/2005 SOIL         523763.737         5493936.443 NAD 83 UTM ZONE 11N           SXL16 04+50W         13/07/2005 SOIL         523766.5737         5493936.443 NAD 83 UTM ZONE 11N           SXL16 04+50W         13/07/2005 SOIL         523766.5737         5493937.351 NAD 83 UTM ZONE 11N           SXL16 04+50W         13/07/2005 SOIL         523676.5737         5493937.351 NA	SXL16 01+25W	13/07/2005 S	OIL	524046.3831	5493925.551	NAD 83 UTM ZONE 11N
SXL16 02+00W         13/07/2005         SOIL         523976.4308         5493928.274         NAD 83 UTM ZONE 11N           SXL16 02+25W         13/07/2005         SOIL         523953.1133         5493929.181         NAD 83 UTM ZONE 11N           SXL16 02+50W         13/07/2005         SOIL         523929.7958         5493930.089         NAD 83 UTM ZONE 11N           SXL16 02+75W         13/07/2005         SOIL         523906.4784         5493930.097         NAD 83 UTM ZONE 11N           SXL16 03+00W         13/07/2005         SOIL         523883.1609         5493931.904         NAD 83 UTM ZONE 11N           SXL16 03+25W         13/07/2005         SOIL         523859.8435         5493932.812         NAD 83 UTM ZONE 11N           SXL16 03+50W         13/07/2005         SOIL         523816.526         5493933.72         NAD 83 UTM ZONE 11N           SXL16 03+50W         13/07/2005         SOIL         523813.2086         5493934.627         NAD 83 UTM ZONE 11N           SXL16 04+00W         13/07/2005         SOIL         523766.5737         5493936.443         NAD 83 UTM ZONE 11N           SXL16 04+25W         13/07/2005         SOIL         523743.2562         5493937.351         NAD 83 UTM ZONE 11N           SXL16 04+50W         13/07/2005         SOIL         52366	SXL16 01+50W	13/07/2005 S	OIL	524023.0657		
SXL16 02+25W         13/07/2005         SOIL         523953.1133         5493929.181         NAD 83 UTM ZONE 11N           SXL16 02+50W         13/07/2005         SOIL         523929.7958         5493930.089         NAD 83 UTM ZONE 11N           SXL16 02+75W         13/07/2005         SOIL         523906.4784         5493930.097         NAD 83 UTM ZONE 11N           SXL16 03+00W         13/07/2005         SOIL         523883.1609         5493931.904         NAD 83 UTM ZONE 11N           SXL16 03+25W         13/07/2005         SOIL         523859.8435         5493932.812         NAD 83 UTM ZONE 11N           SXL16 03+50W         13/07/2005         SOIL         523813.2086         5493933.72         NAD 83 UTM ZONE 11N           SXL16 03+75W         13/07/2005         SOIL         523813.2086         5493934.627         NAD 83 UTM ZONE 11N           SXL16 04+00W         13/07/2005         SOIL         523789.8911         5493936.443         NAD 83 UTM ZONE 11N           SXL16 04+25W         13/07/2005         SOIL         523743.2562         5493937.351         NAD 83 UTM ZONE 11N           SXL16 04+75W         13/07/2005         SOIL         523696.6213         5493939.166         NAD 83 UTM ZONE 11N           SXL16 05+25W         13/07/2005         SOIL         5236						
SXL16 02+50W         13/07/2005         SOIL         523929.7958         5493930.089         NAD 83 UTM ZONE 11N           SXL16 02+75W         13/07/2005         SOIL         523906.4784         5493930.997         NAD 83 UTM ZONE 11N           SXL16 03+00W         13/07/2005         SOIL         523883.1609         5493931.904         NAD 83 UTM ZONE 11N           SXL16 03+25W         13/07/2005         SOIL         523859.8435         5493933.72         NAD 83 UTM ZONE 11N           SXL16 03+50W         13/07/2005         SOIL         523836.526         5493933.72         NAD 83 UTM ZONE 11N           SXL16 03+75W         13/07/2005         SOIL         523813.2086         5493933.627         NAD 83 UTM ZONE 11N           SXL16 04+00W         13/07/2005         SOIL         523789.8911         5493933.627         NAD 83 UTM ZONE 11N           SXL16 04+25W         13/07/2005         SOIL         523766.5737         5493933.6427         NAD 83 UTM ZONE 11N           SXL16 04+50W         13/07/2005         SOIL         523766.5737         5493933.643         NAD 83 UTM ZONE 11N           SXL16 04+50W         13/07/2005         SOIL         52379.328         5493937.351         NAD 83 UTM ZONE 11N           SXL16 05+50W         13/07/2005         SOIL         523696.						
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SXL16 03+50W         13/07/2005         SOIL         523836.526         5493933.72         NAD 83 UTM ZONE 11N           SXL16 03+75W         13/07/2005         SOIL         523813.2086         5493934.627         NAD 83 UTM ZONE 11N           SXL16 04+00W         13/07/2005         SOIL         523789.8911         5493935.535         NAD 83 UTM ZONE 11N           SXL16 04+25W         13/07/2005         SOIL         523766.5737         5493936.443         NAD 83 UTM ZONE 11N           SXL16 04+50W         13/07/2005         SOIL         523743.2562         5493937.351         NAD 83 UTM ZONE 11N           SXL16 04+75W         13/07/2005         SOIL         523719.9388         5493938.258         NAD 83 UTM ZONE 11N           SXL16 05+00W         13/07/2005         SOIL         523696.6213         5493939.166         NAD 83 UTM ZONE 11N           SXL16 05+25W         13/07/2005         SOIL         5236973.3038         5493939.166         NAD 83 UTM ZONE 11N           SXL16 05+50W         13/07/2005         SOIL         523649.9864         5493940.074         NAD 83 UTM ZONE 11N           SXL16 05+75W         13/07/2005         SOIL         523626.6689         5493941.889         NAD 83 UTM ZONE 11N           SXL16 06+00W         13/07/2005         SOIL         5236						
SXL16 03+75W13/07/2005SOIL523813.20865493934.627NAD 83 UTM ZONE 11NSXL16 04+00W13/07/2005SOIL523789.89115493935.535NAD 83 UTM ZONE 11NSXL16 04+25W13/07/2005SOIL523766.57375493936.443NAD 83 UTM ZONE 11NSXL16 04+50W13/07/2005SOIL523743.25625493937.351NAD 83 UTM ZONE 11NSXL16 04+75W13/07/2005SOIL523719.93885493938.258NAD 83 UTM ZONE 11NSXL16 05+00W13/07/2005SOIL523696.62135493939.166NAD 83 UTM ZONE 11NSXL16 05+25W13/07/2005SOIL523673.30385493940.074NAD 83 UTM ZONE 11NSXL16 05+50W13/07/2005SOIL523649.98645493940.074NAD 83 UTM ZONE 11NSXL16 05+75W13/07/2005SOIL523626.66895493940.981NAD 83 UTM ZONE 11NSXL16 06+00W13/07/2005SOIL523603.35155493942.797NAD 83 UTM ZONE 11NSXL16 06+25W13/07/2005SOIL523580.0345493943.704NAD 83 UTM ZONE 11NSXL16 06+25W13/07/2005SOIL523580.0345493943.704NAD 83 UTM ZONE 11NSXL16 06+25W13/07/2005SOIL523580.0345493943.704NAD 83 UTM ZONE 11NSXL16 06+50W13/07/2005SOIL523580.0345493944.612NAD 83 UTM ZONE 11N						
SXL16 04+00W13/07/2005SOIL523789.89115493935.535NAD 83 UTM ZONE 11NSXL16 04+25W13/07/2005SOIL523766.57375493936.443NAD 83 UTM ZONE 11NSXL16 04+50W13/07/2005SOIL523743.25625493937.351NAD 83 UTM ZONE 11NSXL16 04+75W13/07/2005SOIL523719.93885493938.258NAD 83 UTM ZONE 11NSXL16 05+00W13/07/2005SOIL523696.62135493939.166NAD 83 UTM ZONE 11NSXL16 05+25W13/07/2005SOIL523673.30385493940.074NAD 83 UTM ZONE 11NSXL16 05+50W13/07/2005SOIL523649.98645493940.074NAD 83 UTM ZONE 11NSXL16 05+75W13/07/2005SOIL523626.66895493940.981NAD 83 UTM ZONE 11NSXL16 06+00W13/07/2005SOIL523603.35155493942.797NAD 83 UTM ZONE 11NSXL16 06+25W13/07/2005SOIL523580.0345493943.704NAD 83 UTM ZONE 11NSXL16 06+25W13/07/2005SOIL523580.0345493943.704NAD 83 UTM ZONE 11NSXL16 06+50W13/07/2005SOIL523580.0345493943.704NAD 83 UTM ZONE 11N						
SXL16 04+25W         13/07/2005         SOIL         523766.5737         5493936.443         NAD 83 UTM ZONE 11N           SXL16 04+50W         13/07/2005         SOIL         523743.2562         5493937.351         NAD 83 UTM ZONE 11N           SXL16 04+75W         13/07/2005         SOIL         523719.9388         5493938.258         NAD 83 UTM ZONE 11N           SXL16 05+00W         13/07/2005         SOIL         523696.6213         5493939.166         NAD 83 UTM ZONE 11N           SXL16 05+25W         13/07/2005         SOIL         523673.3038         5493940.074         NAD 83 UTM ZONE 11N           SXL16 05+25W         13/07/2005         SOIL         523649.9864         5493940.074         NAD 83 UTM ZONE 11N           SXL16 05+50W         13/07/2005         SOIL         523626.6689         5493940.074         NAD 83 UTM ZONE 11N           SXL16 05+75W         13/07/2005         SOIL         523626.6689         5493941.889         NAD 83 UTM ZONE 11N           SXL16 06+00W         13/07/2005         SOIL         523603.3515         5493942.797         NAD 83 UTM ZONE 11N           SXL16 06+25W         13/07/2005         SOIL         523580.034         5493943.704         NAD 83 UTM ZONE 11N           SXL16 06+50W         13/07/2005         SOIL         5235						
SXL16 04+50W         13/07/2005         SOIL         523743.2562         5493937.351         NAD 83 UTM ZONE 11N           SXL16 04+75W         13/07/2005         SOIL         523719.9388         5493938.258         NAD 83 UTM ZONE 11N           SXL16 05+00W         13/07/2005         SOIL         523696.6213         5493939.166         NAD 83 UTM ZONE 11N           SXL16 05+25W         13/07/2005         SOIL         523673.3038         5493940.074         NAD 83 UTM ZONE 11N           SXL16 05+25W         13/07/2005         SOIL         523649.9864         5493940.074         NAD 83 UTM ZONE 11N           SXL16 05+50W         13/07/2005         SOIL         523626.6689         5493940.981         NAD 83 UTM ZONE 11N           SXL16 05+75W         13/07/2005         SOIL         523626.6689         5493941.889         NAD 83 UTM ZONE 11N           SXL16 06+00W         13/07/2005         SOIL         523603.3515         5493942.797         NAD 83 UTM ZONE 11N           SXL16 06+25W         13/07/2005         SOIL         523580.034         5493943.704         NAD 83 UTM ZONE 11N           SXL16 06+50W         13/07/2005         SOIL         523580.034         5493943.704         NAD 83 UTM ZONE 11N           SXL16 06+50W         13/07/2005         SOIL         52355						
SXL16 04+75W13/07/2005SOIL523719.93885493938.258NAD 83 UTM ZONE 11NSXL16 05+00W13/07/2005SOIL523696.62135493939.166NAD 83 UTM ZONE 11NSXL16 05+25W13/07/2005SOIL523673.30385493940.074NAD 83 UTM ZONE 11NSXL16 05+50W13/07/2005SOIL523649.98645493940.981NAD 83 UTM ZONE 11NSXL16 05+75W13/07/2005SOIL523626.66895493940.981NAD 83 UTM ZONE 11NSXL16 06+00W13/07/2005SOIL523603.35155493942.797NAD 83 UTM ZONE 11NSXL16 06+25W13/07/2005SOIL523580.0345493943.704NAD 83 UTM ZONE 11NSXL16 06+25W13/07/2005SOIL523580.0345493943.704NAD 83 UTM ZONE 11NSXL16 06+50W13/07/2005SOIL523556.71665493944.612NAD 83 UTM ZONE 11N						
SXL16 05+00W13/07/2005SOIL523696.62135493939.166NAD 83 UTM ZONE 11NSXL16 05+25W13/07/2005SOIL523673.30385493940.074NAD 83 UTM ZONE 11NSXL16 05+50W13/07/2005SOIL523649.98645493940.981NAD 83 UTM ZONE 11NSXL16 05+75W13/07/2005SOIL523626.66895493941.889NAD 83 UTM ZONE 11NSXL16 06+00W13/07/2005SOIL523603.35155493942.797NAD 83 UTM ZONE 11NSXL16 06+25W13/07/2005SOIL523580.0345493943.704NAD 83 UTM ZONE 11NSXL16 06+50W13/07/2005SOIL523556.71665493944.612NAD 83 UTM ZONE 11N						
SXL16 05+25W13/07/2005SOIL523673.30385493940.074NAD 83 UTM ZONE 11NSXL16 05+50W13/07/2005SOIL523649.98645493940.981NAD 83 UTM ZONE 11NSXL16 05+75W13/07/2005SOIL523626.66895493941.889NAD 83 UTM ZONE 11NSXL16 06+00W13/07/2005SOIL523603.35155493942.797NAD 83 UTM ZONE 11NSXL16 06+25W13/07/2005SOIL523580.0345493943.704NAD 83 UTM ZONE 11NSXL16 06+50W13/07/2005SOIL523556.71665493944.612NAD 83 UTM ZONE 11N	SXL16 05+00W					
SXL16 05+50W         13/07/2005         SOIL         523649.9864         5493940.981         NAD 83 UTM ZONE 11N           SXL16 05+75W         13/07/2005         SOIL         523626.6689         5493941.889         NAD 83 UTM ZONE 11N           SXL16 06+00W         13/07/2005         SOIL         523603.3515         5493942.797         NAD 83 UTM ZONE 11N           SXL16 06+25W         13/07/2005         SOIL         523580.034         5493943.704         NAD 83 UTM ZONE 11N           SXL16 06+50W         13/07/2005         SOIL         523556.7166         5493944.612         NAD 83 UTM ZONE 11N	SXL16 05+25W					
SXL16 06+00W         13/07/2005         SOIL         523603.3515         5493942.797         NAD 83 UTM ZONE 11N           SXL16 06+25W         13/07/2005         SOIL         523580.034         5493943.704         NAD 83 UTM ZONE 11N           SXL16 06+50W         13/07/2005         SOIL         523556.7166         5493944.612         NAD 83 UTM ZONE 11N	SXL16 05+50W					
SXL16 06+25W         13/07/2005         SOIL         523580.034         5493943.704         NAD 83 UTM ZONE 11N           SXL16 06+50W         13/07/2005         SOIL         523556.7166         5493944.612         NAD 83 UTM ZONE 11N	SXL16 05+75W	13/07/2005 S	OIL			
SXL16 06+50W 13/07/2005 SOIL 523556.7166 5493944.612 NAD 83 UTM ZONE 11N						
SXL16 06+75W 13/07/2005 SOIL 523533.3991 5493945.52 NAD 83 UTM ZONE 11N						
	SXL16 06+75W	13/07/2005 S	SOIL	523533.3991	5493945.52	NAD 83 UTM ZONE 11N

SAMPLE NUMBER         DATE         SAMPLE TYPE         UTM X         UTM Y         UTM ZONE           SXL16 07-00W         13/07/2005 SOIL         523310.0517         54933946.427 NAD 83 UTM ZONE 11           SXL16 07-55W         13/07/2005 SOIL         523463.4468         5493394.237 NAD 83 UTM ZONE 11           SXL16 07-75W         13/07/2005 SOIL         523403.4468         5493394.234 NAD 83 UTM ZONE 11           SXL16 07-00W         13/07/2005 SOIL         523410.147         5493395 NAD 83 UTM ZONE 11           SXL17 00+0W         13/07/2005 SOIL         524061 5.025         5493721 02 NAD 83 UTM ZONE 11           SXL17 00+75W         13/07/2005 SOIL         524061 5.025         5493721 02 NAD 83 UTM ZONE 11           SXL17 00+75W         13/07/2005 SOIL         523991.7776         5493722.031 NAD 83 UTM ZONE 11           SXL17 01+25W         13/07/2005 SOIL         523945.2823         5493722.038 NAD 83 UTM ZONE 11           SXL17 01+75W         13/07/2005 SOIL         523945.2823         5493722.038 NAD 83 UTM ZONE 11           SXL17 01+75W         13/07/2005 SOIL         523945.2823         5493722.038 NAD 83 UTM ZONE 11           SXL17 01+75W         13/07/2005 SOIL         523945.2823         5493722.048 NAD 83 UTM ZONE 11           SXL17 01+75W         13/07/2005 SOIL         523895.764         5493732.068 NAD	
SXL16 07-50W         13/07/2005 SOIL         523440.1283         5433442.15NAD 83 UTM ZONE 11           SXL16 07-57W         13/07/2005 SOIL         523440.1293         5433494.15NAD 83 UTM ZONE 11           SXL17 06-00         13/07/2005 SOIL         524081.5205         5433721.021NAD 83 UTM ZONE 11           SXL17 00-50W         13/07/2005 SOIL         524061.5205         5433721.021NAD 83 UTM ZONE 11           SXL17 00-50W         13/07/2005 SOIL         524061.5205         5433722.021NAD 83 UTM ZONE 11           SXL17 01-50W         13/07/2005 SOIL         523968.5295         5433722.021NAD 83 UTM ZONE 11           SXL17 01-50W         13/07/2005 SOIL         523968.5295         5433726.031NAD 83 UTM ZONE 11           SXL17 01-75W         13/07/2005 SOIL         523968.5423         5439726.031NAD 83 UTM ZONE 11           SXL17 01-75W         13/07/2005 SOIL         523867.5393         5433726.041NAD 83 UTM ZONE 11           SXL17 02-25W         13/07/2005 SOIL         523825.031         5433720.054NAD 83 UTM ZONE 11           SXL17 02-75W         13/07/2005 SOIL         523825.041         5433720.054NAD 83 UTM ZONE 11           SXL17 02-55W         13/07/2005 SOIL         523825.044         543731.057NAD 83 UTM ZONE 11           SXL17 02-75W         13/07/2005 SOIL         523805.7946         5433731.057NAD 83 UTM ZONE 11 <td>Í N</td>	Í N
SXL16 07-75W         13/07/2005 SOIL         523440.1293         5493940.11% ND 83 UTM ZONE 11           SXL17 00-00         13/07/2005 SOIL         524061.5205         5493721.02 NAD 83 UTM ZONE 11           SXL17 00-75W         13/07/2005 SOIL         524061.5205         5493721.02 NAD 83 UTM ZONE 11           SXL17 00-75W         13/07/2005 SOIL         524031.522         5493722.02 NAD 83 UTM ZONE 11           SXL17 00-75W         13/07/2005 SOIL         524031.776         5493724.03 NAD 83 UTM ZONE 11           SXL17 01-75W         13/07/2005 SOIL         523991.7776         5493726.03 NAD 83 UTM ZONE 11           SXL17 01-75W         13/07/2005 SOIL         523994.7776         5493726.03 NAD 83 UTM ZONE 11           SXL17 01-75W         13/07/2005 SOIL         523954.875         5493726.03 NAD 83 UTM ZONE 11           SXL17 02-50W         13/07/2005 SOIL         523857.675         5493732.06 NAD 83 UTM ZONE 11           SXL17 02-50W         13/07/2005 SOIL         523857.675         5493732.06 NAD 83 UTM ZONE 11           SXL17 02-50W         13/07/2005 SOIL         523857.675         5493732.06 NAD 83 UTM ZONE 11           SXL17 02-50W         13/07/2005 SOIL         523876.784         5493730.06 NAD 83 UTM ZONE 11           SXL17 03-60W         13/07/2005 SOIL         523767.584         5493733.06 NAD 83 UTM ZONE 11	N
ISX.117         6493950         ND.8.3 UTM.ZONE 11           SX.117         00+00         13/07/2005         SOIL         524088         5493720         ND.83 UTM.ZONE 11           SX.117         00+25W         13/07/2005         SOIL         524088         5493721         ND.83 UTM.ZONE 11           SX.117         00+25W         13/07/2005         SOIL         524015         5493723         02404ND 83 UTM.ZONE 11           SX.117         00+75W         13/07/2005         SOIL         523914         5493724         0281NM 20NE 11           SX.117         01+00W         13/07/2005         SOIL         523945         5493726         0381NM 20NE 11           SX.117         01+50W         13/07/2005         SOIL         523945         293725         0381NM 20NE 11           SX.117         02+00W         13/07/2005         SOIL         523820         5493726         04NAD 83         UTM ZONE 11           SX.117         02+50W         13/07/2005         SOIL         523822         2949725         0480 NAD 83         UTM ZONE 11           SX.117         02+50W         13/07/2005         SOIL         523829         5493732         061 NAD 83         UTM ZONE 11           SX.117         02+50W         13	N
SXL17 00+00         13/07/2005 SOIL         524085         5493721 02 NAD 83 UTM ZONE 11           SXL17 00+50W         13/07/2005 SOIL         524081.5205         5493722.024 NAD 83 UTM ZONE 11           SXL17 00+50W         13/07/2005 SOIL         524015.0252         5493722.024 NAD 83 UTM ZONE 11           SXL17 00+75W         13/07/2005 SOIL         523948.229         5493723.028 NAD 83 UTM ZONE 11           SXL17 01+25W         13/07/2005 SOIL         523948.2283         5493726.038 NAD 83 UTM ZONE 11           SXL17 01+5W         13/07/2005 SOIL         523942.2283         5493726.038 NAD 83 UTM ZONE 11           SXL17 02+00W         13/07/2005 SOIL         523982.29346         5493727.042 NAD 83 UTM ZONE 11           SXL17 02+5W         13/07/2005 SOIL         523852.2917         5493730.054 NAD 83 UTM ZONE 11           SXL17 02+50W         13/07/2005 SOIL         523852.2917         5493730.065 NAD 83 UTM ZONE 11           SXL17 03+52W         13/07/2005 SOIL         523805.7964         5493730.065 NAD 83 UTM ZONE 11           SXL17 03+52W         13/07/2005 SOIL         523805.7964         5493730.065 NAD 83 UTM ZONE 11           SXL17 03+52W         13/07/2005 SOIL         523785.487         5493730.065 NAD 83 UTM ZONE 11           SXL17 03+52W         13/07/2005 SOIL         523765.487         5493730.078 NAD 83 UTM ZONE 11 <td></td>	
SXL17 00+25W         13/07/2005 SOIL         524061 5205         5493722 024 NAD 83 UTM ZONE 11           SXL17 00+75W         13/07/2005 SOIL         524015 0252         5493722 024 NAD 83 UTM ZONE 11           SXL17 01+00W         13/07/2005 SOIL         523994 7776         5493722 031 NAD 83 UTM ZONE 11           SXL17 01+50W         13/07/2005 SOIL         523994 529         5493725 033 NAD 83 UTM ZONE 11           SXL17 01+50W         13/07/2005 SOIL         523945 2823         5493726 031 NAD 83 UTM ZONE 11           SXL17 01+50W         13/07/2005 SOIL         523994 2046         5493727 042 NAD 83 UTM ZONE 11           SXL17 02+00W         13/07/2005 SOIL         523896 787         5493728 048 NAD 83 UTM ZONE 11           SXL17 02+50W         13/07/2005 SOIL         523827 5593         5493720 05 NAD 83 UTM ZONE 11           SXL17 02+50W         13/07/2005 SOIL         523826 2917         5493730 054 NAD 83 UTM ZONE 11           SXL17 02+50W         13/07/2005 SOIL         523827 594         5493730 051 NAD 83 UTM ZONE 11           SXL17 02+50W         13/07/2005 SOIL         523872 5487         5493730 061 NAD 83 UTM ZONE 11           SXL17 03+75W         13/07/2005 SOIL         523730 0534         5493730 061 NAD 83 UTM ZONE 11           SXL17 04+50W         13/07/2005 SOIL         523736 0538         5493730 078 NAD 83 UTM ZONE	
SXL17 00+50W         13/07/2005 SOIL         524038 2729         5493722 024 NAD 83 UTM ZONE 11           SXL17 00+75W         13/07/2005 SOIL         524015 0252         5493723 028 NAD 83 UTM ZONE 11           SXL17 01+25W         13/07/2005 SOIL         523968 5299         5493726 033 NAD 83 UTM ZONE 11           SXL17 01+25W         13/07/2005 SOIL         523942 20346         5493726 033 NAD 83 UTM ZONE 11           SXL17 01+75W         13/07/2005 SOIL         523942 20346         5493727 042 NAD 83 UTM ZONE 11           SXL17 01+75W         13/07/2005 SOIL         523942 0346         5493727 042 NAD 83 UTM ZONE 11           SXL17 02+25W         13/07/2005 SOIL         523862 2917         5493728 046 NAD 83 UTM ZONE 11           SXL17 02+50W         13/07/2005 SOIL         523862 2944         5493731 .057 NAD 83 UTM ZONE 11           SXL17 02+50W         13/07/2005 SOIL         523805 .7964         5493733 .067 NAD 83 UTM ZONE 11           SXL17 03+75W         13/07/2005 SOIL         523759 3011         5433736 .078 NAD 83 UTM ZONE 11           SXL17 04+25W         13/07/2005 SOIL         523769 3011         5493733 .078 NAD 83 UTM ZONE 11           SXL17 04+25W         13/07/2005 SOIL         523769 3011         5493736 .078 NAD 83 UTM ZONE 11           SXL17 04+25W         13/07/2005 SOIL         523769 .534         5493736 .078 NA	
SXL17 00+75W         13/07/2005 SOIL         524015 0252         6493723 028 NAD 83 UTM ZONE 11           SXL17 01+00W         13/07/2005 SOIL         523991.7776         5493724 031 NAD 83 UTM ZONE 11           SXL17 01+50W         13/07/2005 SOIL         523945 2823         5493725 035 NAD 83 UTM ZONE 11           SXL17 01+75W         13/07/2005 SOIL         523945 2823         5493726 039 NAD 83 UTM ZONE 11           SXL17 01+75W         13/07/2005 SOIL         523945 2823         5493727 042 NAD 83 UTM ZONE 11           SXL17 02+26W         13/07/2005 SOIL         523875 5393         5493729.05 NAD 83 UTM ZONE 11           SXL17 02+50W         13/07/2005 SOIL         523875 5393         5493729.06 NAD 83 UTM ZONE 11           SXL17 02+50W         13/07/2005 SOIL         523822.944         5493731.057 NAD 83 UTM ZONE 11           SXL17 03+50W         13/07/2005 SOIL         523780 3011         5493734.068 NAD 83 UTM ZONE 11           SXL17 03+50W         13/07/2005 SOIL         523763 3011         5493737.079 NAD 83 UTM ZONE 11           SXL17 04+25W         13/07/2005 SOIL         523763 6534         5493737.079 NAD 83 UTM ZONE 11           SXL17 04+25W         13/07/2005 SOIL         523643 0628         5493737.079 NAD 83 UTM ZONE 11           SXL17 04+25W         13/07/2005 SOIL         523666 75         5493741.094 NAD 83 UTM ZONE	
SXL17 01+00W         13/07/2005         SOIL         523961.7776         6493724.031         NAD 83 UTM ZONE 11           SXL17 01+50W         13/07/2005         SOIL         523968.5299         5493726.035         NAD 83 UTM ZONE 11           SXL17 01+75W         13/07/2005         SOIL         523922.0346         5493726.039         NAD 83 UTM ZONE 11           SXL17 02+25W         13/07/2005         SOIL         523922.0346         5493727.042         NAD 83 UTM ZONE 11           SXL17 02+25W         13/07/2005         SOIL         523875.5393         5493729.05         NAD 83 UTM ZONE 11           SXL17 02+50W         13/07/2005         SOIL         523862.2917         5493730.054         NAD 83 UTM ZONE 11           SXL17 02+50W         13/07/2005         SOIL         523805.7964         5493732.061         NAD 83 UTM ZONE 11           SXL17 03+50W         13/07/2005         SOIL         523782.5487         5493733.067         NAD 83 UTM ZONE 11           SXL17 03+52W         13/07/2005         SOIL         523782.643         5493733.079         NAD 83 UTM ZONE 11           SXL17 04+25W         13/07/2005         SOIL         523666.3105         5493730.079         NAD 83 UTM ZONE 11           SXL17 04+25W         13/07/2005         SOIL         523666.675	
ISXL17 01+25W         13/07/2005 SOIL         523968 5299         6439726 035 NAD 83 UTM ZONE 11           SXL17 01+50W         13/07/2005 SOIL         523945 2823         5493726 039 NAD 83 UTM ZONE 11           SXL17 01+75W         13/07/2005 SOIL         523948 2823         5493727 042 NAD 83 UTM ZONE 11           SXL17 02+75W         13/07/2005 SOIL         523898.787         5493728 046 NAD 83 UTM ZONE 11           SXL17 02+25W         13/07/2005 SOIL         523852.2917         5493730.054 NAD 83 UTM ZONE 11           SXL17 02+50W         13/07/2005 SOIL         523852.9044         5493731.057 NAD 83 UTM ZONE 11           SXL17 02+75W         13/07/2005 SOIL         523820.7964         5493733.065 NAD 83 UTM ZONE 11           SXL17 03+25W         13/07/2005 SOIL         523782.5487         5493733.065 NAD 83 UTM ZONE 11           SXL17 03+50W         13/07/2005 SOIL         523782.5487         5493736.076 NAD 83 UTM ZONE 11           SXL17 04+00W         13/07/2005 SOIL         523669.5581         5493736.079 NAD 83 UTM ZONE 11           SXL17 04+50W         13/07/2005 SOIL         523649.3628         5493738.087 NAD 83 UTM ZONE 11           SXL17 04+50W         13/07/2005 SOIL         523649.3628         5493738.083 NAD 83 UTM ZONE 11           SXL17 04+50W         13/07/2005 SOIL         523649.3628         5493741.094 NAD 83 UTM	
ISKL17 01+50W         13/07/2005 SOIL         523945.2823         5493726.039 NAD 83 UTM ZONE 11           ISKL17 01+75W         13/07/2005 SOIL         523982.0346         5493727.042 NAD 83 UTM ZONE 11           ISKL17 02+25W         13/07/2005 SOIL         523875.5393         5493728.046 NAD 83 UTM ZONE 11           ISKL17 02+25W         13/07/2005 SOIL         523875.5393         5493730.05 NAD 83 UTM ZONE 11           ISKL17 02+75W         13/07/2005 SOIL         523852.2917         5493730.05 NAD 83 UTM ZONE 11           ISKL17 02+75W         13/07/2005 SOIL         523875.3931         5493731.057 NAD 83 UTM ZONE 11           ISKL17 03+75W         13/07/2005 SOIL         523759.3011         5493734.068 NAD 83 UTM ZONE 11           ISKL17 03+75W         13/07/2005 SOIL         523759.3011         5493736.072 NAD 83 UTM ZONE 11           ISKL17 04+00W         13/07/2005 SOIL         523768.0534         5493736.079 NAD 83 UTM ZONE 11           ISKL17 04+50W         13/07/2005 SOIL         523689.5881         549373.079 NAD 83 UTM ZONE 11           ISKL17 04+50W         13/07/2005 SOIL         523643.0628         5493739.087 NAD 83 UTM ZONE 11           ISKL17 04+75W         13/07/2005 SOIL         523643.0628         5493739.087 NAD 83 UTM ZONE 11           ISKL17 04+75W         13/07/2005 SOIL         523643.0628         5493740.09 NA	
ISK117 01+75W         13/07/2005         SOIL         523922.0346         5493727.042         NAD 83 UTM ZONE 11           ISK117 02+25W         13/07/2005         SOIL         523896.787         5493729.05         NAD 83 UTM ZONE 11           ISK117 02+25W         13/07/2005         SOIL         523875.2393         5493729.05         NAD 83 UTM ZONE 11           ISK117 02+75W         13/07/2005         SOIL         523852.2917         5493730.054         NAD 83 UTM ZONE 11           ISK117 03+00W         13/07/2005         SOIL         523852.7847         5493733.065         NAD 83 UTM ZONE 11           ISK117 03+50W         13/07/2005         SOIL         523785.3011         5493730.057         NAD 83 UTM ZONE 11           ISK117 03+75W         13/07/2005         SOIL         523785.3011         5493736.078         NAD 83 UTM ZONE 11           ISK117 04+25W         13/07/2005         SOIL         523666.3105         5493736.079         NAD 83 UTM ZONE 11           ISK117 04+50W         13/07/2005         SOIL         523619.8152         5493740.09         NAD 83 UTM ZONE 11           ISK117 04+75W         13/07/2005         SOIL         523619.8152         5493740.09         NAD 83 UTM ZONE 11           ISK117 04+75W         13/07/2005         SOIL         523619.	
ISXL17 02+00W         13/07/2005 SOIL         523895.787         5493728.046 NAD 83 UTM ZONE 11           ISXL17 02+25W         13/07/2005 SOIL         523875.5393         5493730.054 NAD 83 UTM ZONE 11           ISXL17 02+75W         13/07/2005 SOIL         523852.2917         5493730.054 NAD 83 UTM ZONE 11           ISXL17 02+75W         13/07/2005 SOIL         523829.044         5493731.057 NAD 83 UTM ZONE 11           ISXL17 03+25W         13/07/2005 SOIL         523805.7964         5493733.065 NAD 83 UTM ZONE 11           ISXL17 03+50W         13/07/2005 SOIL         523759.3011         5493733.066 NAD 83 UTM ZONE 11           ISXL17 04+75W         13/07/2005 SOIL         523712.8058         5493736.076 NAD 83 UTM ZONE 11           ISXL17 04+25W         13/07/2005 SOIL         523666.3105         549373.078 NAD 83 UTM ZONE 11           ISXL17 04+25W         13/07/2005 SOIL         523663.028         549373.087 NAD 83 UTM ZONE 11           ISXL17 04+75W         13/07/2005 SOIL         523643.0628         549373.087 NAD 83 UTM ZONE 11           ISXL17 04+75W         13/07/2005 SOIL         523643.0628         5493734.088 NAD 83 UTM ZONE 11           ISXL17 04+75W         13/07/2005 SOIL         523560.722         549374.098 NAD 83 UTM ZONE 11           ISXL17 05+50W         13/07/2005 SOIL         523560.722         549374.109 NAD 83 U	
SXL17 02+25W         13/07/2005 SOIL         523875.5393         5493729.05 NAD 83 UTM ZONE 11           SXL17 02+50W         13/07/2005 SOIL         523852.2917         5493730.054 NAD 83 UTM ZONE 11           SXL17 02+75W         13/07/2005 SOIL         523829.044         5493732.061 NAD 83 UTM ZONE 11           SXL17 03+25W         13/07/2005 SOIL         523829.044         5493732.061 NAD 83 UTM ZONE 11           SXL17 03+25W         13/07/2005 SOIL         523762.5487         5493733.065 NAD 83 UTM ZONE 11           SXL17 03+75W         13/07/2005 SOIL         523753.011         5493734.068 NAD 83 UTM ZONE 11           SXL17 04+25W         13/07/2005 SOIL         523712.8058         5493736.076 NAD 83 UTM ZONE 11           SXL17 04+25W         13/07/2005 SOIL         523680.5581         5493730.087 NAD 83 UTM ZONE 11           SXL17 04+25W         13/07/2005 SOIL         523643.0628         5493730.087 NAD 83 UTM ZONE 11           SXL17 04+25W         13/07/2005 SOIL         523643.0628         5493740.09 NAD 83 UTM ZONE 11           SXL17 05+00W         13/07/2005 SOIL         523595.5675         549374.09 NAD 83 UTM ZONE 11           SXL17 06+50W         13/07/2005 SOIL         523503.5769         549374.104 NAD 83 UTM ZONE 11           SXL17 06+50W         13/07/2005 SOIL         5235250.0722         549374.101 NAD 83 UTM ZONE 11<	
SKL17 02+50W         13/07/2005 SOIL         523852.2917         5493730.054 NAD 83 UTM ZONE 11           SKL17 02+75W         13/07/2005 SOIL         523805.7964         5493731.057 NAD 83 UTM ZONE 11           SKL17 03+60W         13/07/2005 SOIL         523805.7964         5493732.061 NAD 83 UTM ZONE 11           SKL17 03+55W         13/07/2005 SOIL         523752.5487         5493733.065 NAD 83 UTM ZONE 11           SKL17 03+75W         13/07/2005 SOIL         523736.0534         5493735.072 NAD 83 UTM ZONE 11           SKL17 04+00W         13/07/2005 SOIL         523712.8058         5493736.076 NAD 83 UTM ZONE 11           SKL17 04+25W         13/07/2005 SOIL         523663.105         5493730.087 NAD 83 UTM ZONE 11           SKL17 04+25W         13/07/2005 SOIL         523663.105         5493730.087 NAD 83 UTM ZONE 11           SKL17 04+75W         13/07/2005 SOIL         523663.105         5493731.094 NAD 83 UTM ZONE 11           SKL17 05+25W         13/07/2005 SOIL         523596.567         5493741.094 NAD 83 UTM ZONE 11           SKL17 05+25W         13/07/2005 SOIL         523573.3199         549374.09 NAD 83 UTM ZONE 11           SKL17 05+50W         13/07/2005 SOIL         523570.3246         549374.109 NAD 83 UTM ZONE 11           SKL17 06+60W         13/07/2005 SOIL         523520.5246         549374.109 NAD 83 UTM ZONE 11<	
SXL17 02+75W         13/07/2005         SOIL         523829.044         5493731.057         NAD 83 UTM ZONE 11           SXL17 03+00W         13/07/2005         SOIL         523805.7964         5493732.061         NAD 83 UTM ZONE 11           SXL17 03+50W         13/07/2005         SOIL         523782.5487         5493733.065         NAD 83 UTM ZONE 11           SXL17 03+50W         13/07/2005         SOIL         523778.0534         5493733.067         NAD 83 UTM ZONE 11           SXL17 04+00W         13/07/2005         SOIL         523782.6581         5493737.079         NAD 83 UTM ZONE 11           SXL17 04+400W         13/07/2005         SOIL         523689.5581         5493730.079         NAD 83 UTM ZONE 11           SXL17 04+75W         13/07/2005         SOIL         523643.0628         5493739.087         NAD 83 UTM ZONE 11           SXL17 05+0W         13/07/2005         SOIL         523643.0628         5493740.09         NAD 83 UTM ZONE 11           SXL17 05+50W         13/07/2005         SOIL         52359.675         5493740.09         NAD 83 UTM ZONE 11           SXL17 06+50W         13/07/2005         SOIL         52350.6722         5493741.094         NAD 83 UTM ZONE 11           SXL17 06+50W         13/07/2005         SOIL         523526.675	
SXL 17 03+00W         13/07/2005         SOIL         523805.7964         5493732.061         NAD 83 UTM ZONE 11           SXL 17 03+25W         13/07/2005         SOIL         523782.5487         5493733.065         NAD 83 UTM ZONE 11           SXL 17 03+50W         13/07/2005         SOIL         523795.3011         5493736.072         NAD 83 UTM ZONE 11           SXL 17 04+00W         13/07/2005         SOIL         523712.8058         5493736.076         NAD 83 UTM ZONE 11           SXL 17 04+25W         13/07/2005         SOIL         523698.5581         5493737.079         NAD 83 UTM ZONE 11           SXL 17 04+25W         13/07/2005         SOIL         523698.5581         5493739.087         NAD 83 UTM ZONE 11           SXL 17 04+75W         13/07/2005         SOIL         523618.8152         5493740.09         NAD 83 UTM ZONE 11           SXL 17 05+25W         13/07/2005         SOIL         523596.5675         5493741.094         NAD 83 UTM ZONE 11           SXL 17 05+50W         13/07/2005         SOIL         523550.6772         5493743.101         NAD 83 UTM ZONE 11           SXL 17 06+00W         13/07/2005         SOIL         523550.6775         5493744.1094         NAD 83 UTM ZONE 11           SXL 17 06+50W         13/07/2005         SOIL         52	
SXL 17 03+25W         13/07/2005         SOIL         523782.5487         5493733.065         NAD 83 UTM ZONE 11           SXL 17 03+50W         13/07/2005         SOIL         523750.3011         5493734.068         NAD 83 UTM ZONE 11           SXL 17 03+50W         13/07/2005         SOIL         523736.0534         5493735.072         NAD 83 UTM ZONE 11           SXL 17 04+25W         13/07/2005         SOIL         523689.5581         5493737.079         NAD 83 UTM ZONE 11           SXL 17 04+25W         13/07/2005         SOIL         523643.0628         5493738.083         NAD 83 UTM ZONE 11           SXL 17 04+75W         13/07/2005         SOIL         523643.0628         5493734.091         NAD 83 UTM ZONE 11           SXL 17 05+00W         13/07/2005         SOIL         523619.8152         5493740.091         NAD 83 UTM ZONE 11           SXL 17 05+50W         13/07/2005         SOIL         523503.0722         5493743.101         NAD 83 UTM ZONE 11           SXL 17 06+20W         13/07/2005         SOIL         523503.5769         5493743.109         NAD 83 UTM ZONE 11           SXL 17 06+20W         13/07/2005         SOIL         523503.5769         5493744.105         NAD 83 UTM ZONE 11           SXL 17 06+20W         13/07/2005         SOIL         52	
SXL17 03+50W         13/07/2005         SOIL         523759.3011         5493734.068         NAD 83         UTM ZONE 11           SXL17 04+00W         13/07/2005         SOIL         523712.8058         5493735.072         NAD 83         UTM ZONE 11           SXL17 04+25W         13/07/2005         SOIL         523712.8058         5493736.076         NAD 83         UTM ZONE 11           SXL17 04+25W         13/07/2005         SOIL         523666.3105         5493730.087         NAD 83         UTM ZONE 11           SXL17 04+50W         13/07/2005         SOIL         523663.0628         5493730.087         NAD 83         UTM ZONE 11           SXL17 05+00W         13/07/2005         SOIL         523563.0628         5493740.09         NAD 83         UTM ZONE 11           SXL17 05+50W         13/07/2005         SOIL         523550.0722         5493741.109         NAD 83         UTM ZONE 11           SXL17 06+50W         13/07/2005         SOIL         523563.3769         5493743.101         NAD 83         UTM ZONE 11           SXL17 06+50W         13/07/2005         SOIL         523563.5769         5493745.109         NAD 83         UTM ZONE 11           SXL17 06+50W         13/07/2005         SOIL         523403.293         5493745.109         <	
SXL17 03+75W         13/07/2005 SOIL         523736.0534         5493736.072 NAD 83 UTM ZONE 11           SXL17 04+00W         13/07/2005 SOIL         523869.5581         5493736.076 NAD 83 UTM ZONE 11           SXL17 04+25W         13/07/2005 SOIL         523869.5581         5493736.078 NAD 83 UTM ZONE 11           SXL17 04+50W         13/07/2005 SOIL         523666.3105         549373.078 NAD 83 UTM ZONE 11           SXL17 04+75W         13/07/2005 SOIL         523666.3105         5493740.09 NAD 83 UTM ZONE 11           SXL17 05+20W         13/07/2005 SOIL         523566.5675         5493741.09 NAD 83 UTM ZONE 11           SXL17 05+25W         13/07/2005 SOIL         523556.5675         5493741.09 NAD 83 UTM ZONE 11           SXL17 05+75W         13/07/2005 SOIL         523526.8246         5493744.108 NAD 83 UTM ZONE 11           SXL17 05+25W         13/07/2005 SOIL         523526.8246         5493744.108 NAD 83 UTM ZONE 11           SXL17 06+50W         13/07/2005 SOIL         523526.8246         5493745.109 NAD 83 UTM ZONE 11           SXL17 06+50W         13/07/2005 SOIL         523480.3293         5493746.112 NAD 83 UTM ZONE 11           SXL17 06+50W         13/07/2005 SOIL         523445         5493747.116 NAD 83 UTM ZONE 11           SXL17 06+50W         13/07/2005 SOIL         523445         5493747.116 NAD 83 UTM ZONE 11	
SXL17 04+00W         13/07/2005         SOIL         523712.8058         5493736.076         NAD 83 UTM ZONE 11           SXL17 04+25W         13/07/2005         SOIL         523689.5581         5493737.079         NAD 83 UTM ZONE 11           SXL17 04+75W         13/07/2005         SOIL         523666.3105         5493730.087         NAD 83 UTM ZONE 11           SXL17 04+75W         13/07/2005         SOIL         523643.0628         5493740.09         NAD 83 UTM ZONE 11           SXL17 05+25W         13/07/2005         SOIL         523565.675         5493741.094         NAD 83 UTM ZONE 11           SXL17 05+50W         13/07/2005         SOIL         523550.0722         549374.098         NAD 83 UTM ZONE 11           SXL17 05+75W         13/07/2005         SOIL         523526.8246         5493744.105         NAD 83 UTM ZONE 11           SXL17 06+50W         13/07/2005         SOIL         523420.3293         5493744.105         NAD 83 UTM ZONE 11           SXL17 06+50W         13/07/2005         SOIL         5234240.3293         5493744.105         NAD 83 UTM ZONE 11           SXL17 06+75W         13/07/2005         SOIL         5234340.3293         5493744.105         NAD 83 UTM ZONE 11           SXL17 06+75W         13/07/2005         SOIL         524434	
SXL17 04+50W         13/07/2005 SOIL         523666.3105         5493738.083 NAD 83 UTM ZONE 11           SXL17 04+75W         13/07/2005 SOIL         523643.0628         5493740.09 NAD 83 UTM ZONE 11           SXL17 05+25W         13/07/2005 SOIL         523619.8152         5493740.09 NAD 83 UTM ZONE 11           SXL17 05+25W         13/07/2005 SOIL         523596.5675         5493741.094 NAD 83 UTM ZONE 11           SXL17 05+50W         13/07/2005 SOIL         523550.0722         5493743.104 NAD 83 UTM ZONE 11           SXL17 05+75W         13/07/2005 SOIL         523526.8246         5493744.105 NAD 83 UTM ZONE 11           SXL17 06+25W         13/07/2005 SOIL         523520.5769         5493744.105 NAD 83 UTM ZONE 11           SXL17 06+25W         13/07/2005 SOIL         523450.3769         5493745.109 NAD 83 UTM ZONE 11           SXL17 06+50W         13/07/2005 SOIL         523457.0816         5493747.116 NAD 83 UTM ZONE 11           SXL17 06+75W         13/07/2005 SOIL         5234457.0816         5493747.116 NAD 83 UTM ZONE 11           SXL18 00+00         03/08/2005 SOIL         524471.0813         5493748 NAD 83 UTM ZONE 11           SXL18 00+25W         03/08/2005 SOIL         524073.2802         5493506.142 NAD 83 UTM ZONE 11           SXL18 00+50W         03/08/2005 SOIL         524097.3807         5493506.142 NAD 83 UTM ZONE 1	N
SXL17 04+75W         13/07/2005 SOIL         523643.0628         5493739.087 NAD 83 UTM ZONE 11           SXL17 05+00W         13/07/2005 SOIL         523619.8152         5493740.09 NAD 83 UTM ZONE 11           SXL17 05+25W         13/07/2005 SOIL         523596.675         5493741.094 NAD 83 UTM ZONE 11           SXL17 05+50W         13/07/2005 SOIL         523550.0722         5493743.101 NAD 83 UTM ZONE 11           SXL17 05+75W         13/07/2005 SOIL         523526.8246         5493743.101 NAD 83 UTM ZONE 11           SXL17 06+25W         13/07/2005 SOIL         523526.8246         5493744.105 NAD 83 UTM ZONE 11           SXL17 06+50W         13/07/2005 SOIL         523603.5769         5493745.109 NAD 83 UTM ZONE 11           SXL17 06+75W         13/07/2005 SOIL         523480.3293         5493748.109 NAD 83 UTM ZONE 11           SXL17 06+75W         13/07/2005 SOIL         523445.3293         5493748.NAD 83 UTM ZONE 11           SXL18 00+00         03/08/2005 SOIL         5244145         5493505 NAD 83 UTM ZONE 11           SXL18 00+00         03/08/2005 SOIL         524121.081         5493507.76 NAD 83 UTM ZONE 11           SXL18 00+50W         03/08/2005 SOIL         524097.1807         5493507.76 NAD 83 UTM ZONE 11           SXL18 00+50W         03/08/2005 SOIL         524097.1807         5493510.677 NAD 83 UTM ZONE 11 </td <td>N</td>	N
SXL17 05+00W         13/07/2005         SOIL         523619.8152         5493740.09         NAD 83 UTM ZONE 11           SXL17 05+25W         13/07/2005         SOIL         523596.675         5493741.094         NAD 83 UTM ZONE 11           SXL17 05+50W         13/07/2005         SOIL         523573.3199         5493742.098         NAD 83 UTM ZONE 11           SXL17 05+75W         13/07/2005         SOIL         523550.0722         5493743.101         NAD 83 UTM ZONE 11           SXL17 06+00W         13/07/2005         SOIL         523526.8246         5493744.105         NAD 83 UTM ZONE 11           SXL17 06+25W         13/07/2005         SOIL         523603.5769         5493747.110         NAD 83 UTM ZONE 11           SXL17 06+50W         13/07/2005         SOIL         523480.3293         5493747.110         NAD 83 UTM ZONE 11           SXL17 07+00W         13/07/2005         SOIL         523445         5493748         NAD 83 UTM ZONE 11           SXL18 00+700         03/08/2005         SOIL         524471.0813         5493748         NAD 83 UTM ZONE 11           SXL18 00+50W         03/08/2005         SOIL         524121.0813         5493506.142         NAD 83 UTM ZONE 11           SXL18 00+75W         03/08/2005         SOIL         524073.2802 <td< td=""><td>N</td></td<>	N
SXL17 05+25W         13/07/2005         SOIL         523596.5675         5493741.094         NAD 83 UTM ZONE 11           ISXL17 05+50W         13/07/2005         SOIL         523573.3199         5493742.098         NAD 83 UTM ZONE 11           ISXL17 05+75W         13/07/2005         SOIL         523526.8246         5493741.105         NAD 83 UTM ZONE 11           ISXL17 06+25W         13/07/2005         SOIL         523526.8246         5493744.105         NAD 83 UTM ZONE 11           ISXL17 06+25W         13/07/2005         SOIL         523503.5769         5493745.109         NAD 83 UTM ZONE 11           ISXL17 06+50W         13/07/2005         SOIL         523480.3293         5493746.112         NAD 83 UTM ZONE 11           ISXL17 06+75W         13/07/2005         SOIL         523434         5493747.116         NAD 83 UTM ZONE 11           ISXL17 07+00W         13/07/2005         SOIL         524145         5493505         NAD 83 UTM ZONE 11           ISXL18 00+25W         03/08/2005         SOIL         5241415         5493505         NAD 83 UTM ZONE 11           ISXL18 00+25W         03/08/2005         SOIL         524097.1807         5493509.543         NAD 83 UTM ZONE 11           ISXL18 00+50W         03/08/2005         SOIL         5240073.2802	N
SXL17 05+50W         13/07/2005         SOIL         523573.3199         5493742.098         NAD 83 UTM ZONE 11           SXL17 05+75W         13/07/2005         SOIL         523550.0722         5493743.101         NAD 83 UTM ZONE 11           SXL17 06+00W         13/07/2005         SOIL         523550.8246         5493744.105         NAD 83 UTM ZONE 11           SXL17 06+50W         13/07/2005         SOIL         52350.3769         5493745.109         NAD 83 UTM ZONE 11           SXL17 06+50W         13/07/2005         SOIL         523480.3293         5493745.109         NAD 83 UTM ZONE 11           SXL17 06+75W         13/07/2005         SOIL         523457.0816         5493747.116         NAD 83 UTM ZONE 11           SXL17 07+00W         13/07/2005         SOIL         524145         5493748         NAD 83 UTM ZONE 11           SXL18 00+00         03/08/2005         SOIL         524121.0813         5493506.142         NAD 83 UTM ZONE 11           SXL18 00+50W         03/08/2005         SOIL         524097.1807         5493508.41         NAD 83 UTM ZONE 11           SXL18 00+50W         03/08/2005         SOIL         524097.2802         5493508.41         NAD 83 UTM ZONE 11           SXL18 01+75W         03/08/2005         SOIL         524001.5785         <	
SXL17 05+75W         13/07/2005         SOIL         523550.0722         5493743.101         NAD 83 UTM ZONE 11           SXL17 06+00W         13/07/2005         SOIL         523526.8246         5493744.105         NAD 83 UTM ZONE 11           SXL17 06+25W         13/07/2005         SOIL         523503.5769         5493745.109         NAD 83 UTM ZONE 11           SXL17 06+50W         13/07/2005         SOIL         523480.3293         5493746.112         NAD 83 UTM ZONE 11           SXL17 07+00W         13/07/2005         SOIL         523457.0816         5493748         NAD 83 UTM ZONE 11           SXL17 07+00W         13/07/2005         SOIL         524457.0816         5493748         NAD 83 UTM ZONE 11           SXL18 00+00         03/08/2005         SOIL         524121.0813         5493505         NAD 83 UTM ZONE 11           SXL18 00+25W         03/08/2005         SOIL         524097.1807         5493505.142         NAD 83 UTM ZONE 11           SXL18 00+75W         03/08/2005         SOIL         524097.1807         5493509.543         NAD 83 UTM ZONE 11           SXL18 01+20W         03/08/2005         SOIL         524049.3796         5493509.543         NAD 83 UTM ZONE 11           SXL18 01+25W         03/08/2005         SOIL         524001.5785         <	
SXL17 06+00W         13/07/2005 SOIL         523526.8246         5493744.105         NAD 83 UTM ZONE 11           SXL17 06+25W         13/07/2005 SOIL         523503.5769         5493745.109         NAD 83 UTM ZONE 11           SXL17 06+25W         13/07/2005 SOIL         523480.3293         5493746.112         NAD 83 UTM ZONE 11           SXL17 06+75W         13/07/2005 SOIL         523457.0816         5493747.116         NAD 83 UTM ZONE 11           SXL17 07+00W         13/07/2005 SOIL         523434         5493748         NAD 83 UTM ZONE 11           SXL18 00+25W         03/08/2005 SOIL         524121.0813         5493505         NAD 83 UTM ZONE 11           SXL18 00+25W         03/08/2005 SOIL         524121.0813         5493505         NAD 83 UTM ZONE 11           SXL18 00+50W         03/08/2005 SOIL         524097.1807         5493507.276         NAD 83 UTM ZONE 11           SXL18 01+50W         03/08/2005 SOIL         524049.3796         5493509.543         NAD 83 UTM ZONE 11           SXL18 01+50W         03/08/2005 SOIL         524001.5785         5493511.077         NAD 83 UTM ZONE 11           SXL18 01+50W         03/08/2005 SOIL         524001.5785         5493511.077         NAD 83 UTM ZONE 11           SXL18 01+50W         03/08/2005 SOIL         523977.678         5493512.045 </td <td></td>	
SXL17 06+25W         13/07/2005 SOIL         523503.5769         5493745.109         NAD 83 UTM ZONE 11           SXL17 06+50W         13/07/2005 SOIL         523480.3293         5493746.112         NAD 83 UTM ZONE 11           SXL17 06+75W         13/07/2005 SOIL         523457.0816         5493746.112         NAD 83 UTM ZONE 11           SXL17 07+00W         13/07/2005 SOIL         523434         5493748         NAD 83 UTM ZONE 11           SXL18 00+00         03/08/2005 SOIL         524121.0813         5493505         NAD 83 UTM ZONE 11           SXL18 00+25W         03/08/2005 SOIL         524121.0813         5493506.142         NAD 83 UTM ZONE 11           SXL18 00+50W         03/08/2005 SOIL         524097.1807         5493507.276         NAD 83 UTM ZONE 11           SXL18 00+75W         03/08/2005 SOIL         524097.1807         5493509.543         NAD 83 UTM ZONE 11           SXL18 01+00W         03/08/2005 SOIL         524007.32802         5493509.543         NAD 83 UTM ZONE 11           SXL18 01+25W         03/08/2005 SOIL         524025.4791         5493510.677         NAD 83 UTM ZONE 11           SXL18 01+50W         03/08/2005 SOIL         523977.678         5493512.945         NAD 83 UTM ZONE 11           SXL18 02+20W         03/08/2005 SOIL         523995.9763         5493516.3	
SXL17 06+50W         13/07/2005         SOIL         523480.3293         5493746.112         NAD 83         UTM ZONE 11           SXL17 06+75W         13/07/2005         SOIL         523457.0816         5493747.116         NAD 83         UTM ZONE 11           SXL17 07+00W         13/07/2005         SOIL         523434         5493748         NAD 83         UTM ZONE 11           SXL18 00+00         03/08/2005         SOIL         524145         5493505         NAD 83         UTM ZONE 11           SXL18 00+25W         03/08/2005         SOIL         524121.0813         5493506.142         NAD 83         UTM ZONE 11           SXL18 00+50W         03/08/2005         SOIL         524097.1807         5493507.276         NAD 83         UTM ZONE 11           SXL18 00+50W         03/08/2005         SOIL         524097.1807         5493507.276         NAD 83         UTM ZONE 11           SXL18 01+50W         03/08/2005         SOIL         524097.2802         5493509.543         NAD 83         UTM ZONE 11           SXL18 01+25W         03/08/2005         SOIL         524001.5785         5493510.677         NAD 83         UTM ZONE 11           SXL18 01+50W         03/08/2005         SOIL         523977.678         5493512.945         NAD 83	
SXL17 06+75W         13/07/2005 SOIL         523457.0816         5493747.116         NAD 83 UTM ZONE 11           SXL17 07+00W         13/07/2005 SOIL         523434         5493748         NAD 83 UTM ZONE 11           SXL18 00+00         03/08/2005 SOIL         524145         5493505         NAD 83 UTM ZONE 11           SXL18 00+25W         03/08/2005 SOIL         524121.0813         5493506.142         NAD 83 UTM ZONE 11           SXL18 00+25W         03/08/2005 SOIL         524097.1807         5493507.276         NAD 83 UTM ZONE 11           SXL18 00+75W         03/08/2005 SOIL         524073.2802         5493508.41         NAD 83 UTM ZONE 11           SXL18 01+75W         03/08/2005 SOIL         524049.3796         5493509.543         NAD 83 UTM ZONE 11           SXL18 01+25W         03/08/2005 SOIL         524049.3796         5493501.677         NAD 83 UTM ZONE 11           SXL18 01+25W         03/08/2005 SOIL         524025.4791         5493511.677         NAD 83 UTM ZONE 11           SXL18 01+25W         03/08/2005 SOIL         523977.678         5493511.811         NAD 83 UTM ZONE 11           SXL18 01+25W         03/08/2005 SOIL         523997.6768         5493515.212         NAD 83 UTM ZONE 11           SXL18 02+25W         03/08/2005 SOIL         523929.8768         5493516.346	
SXL17 07+00W         13/07/2005         SOIL         523434         5493748         NAD 83 UTM ZONE 11           SXL18 00+00         03/08/2005         SOIL         524145         5493505         NAD 83 UTM ZONE 11           SXL18 00+25W         03/08/2005         SOIL         524121.0813         5493506.142         NAD 83 UTM ZONE 11           SXL18 00+50W         03/08/2005         SOIL         524097.1807         5493507.276         NAD 83 UTM ZONE 11           SXL18 00+75W         03/08/2005         SOIL         524097.32802         5493508.41         NAD 83 UTM ZONE 11           SXL18 01+20W         03/08/2005         SOIL         524049.3796         5493509.543         NAD 83 UTM ZONE 11           SXL18 01+25W         03/08/2005         SOIL         524001.5785         5493510.677         NAD 83 UTM ZONE 11           SXL18 01+25W         03/08/2005         SOIL         524001.5785         5493511.811         NAD 83 UTM ZONE 11           SXL18 01+75W         03/08/2005         SOIL         523977.678         5493512.945         NAD 83 UTM ZONE 11           SXL18 02+00W         03/08/2005         SOIL         523992.8768         5493514.078         NAD 83 UTM ZONE 11           SXL18 02+50W         03/08/2005         SOIL         523828.1752         5493	
SXL18 00+00         03/08/2005         SOIL         524145         5493505         NAD 83 UTM ZONE 11           SXL18 00+25W         03/08/2005         SOIL         524121.0813         5493506.142         NAD 83 UTM ZONE 11           SXL18 00+50W         03/08/2005         SOIL         524097.1807         5493507.276         NAD 83 UTM ZONE 11           SXL18 00+75W         03/08/2005         SOIL         524073.2802         5493508.41         NAD 83 UTM ZONE 11           SXL18 01+00W         03/08/2005         SOIL         524049.3796         5493509.543         NAD 83 UTM ZONE 11           SXL18 01+25W         03/08/2005         SOIL         524025.4791         5493510.677         NAD 83 UTM ZONE 11           SXL18 01+25W         03/08/2005         SOIL         524025.4791         5493510.677         NAD 83 UTM ZONE 11           SXL18 01+50W         03/08/2005         SOIL         523977.678         5493511.811         NAD 83 UTM ZONE 11           SXL18 02+00W         03/08/2005         SOIL         523977.678         5493515.212         NAD 83 UTM ZONE 11           SXL18 02+25W         03/08/2005         SOIL         523929.8768         5493515.212         NAD 83 UTM ZONE 11           SXL18 02+50W         03/08/2005         SOIL         523882.0757         <	
SXL18 00+25W         03/08/2005         SOIL         524121.0813         5493506.142         NAD 83 UTM ZONE 11           SXL18 00+50W         03/08/2005         SOIL         524097.1807         5493507.276         NAD 83 UTM ZONE 11           SXL18 00+75W         03/08/2005         SOIL         524073.2802         5493508.41         NAD 83 UTM ZONE 11           SXL18 01+00W         03/08/2005         SOIL         524049.3796         5493509.543         NAD 83 UTM ZONE 11           SXL18 01+25W         03/08/2005         SOIL         524025.4791         5493510.677         NAD 83 UTM ZONE 11           SXL18 01+50W         03/08/2005         SOIL         524001.5785         5493511.811         NAD 83 UTM ZONE 11           SXL18 01+75W         03/08/2005         SOIL         523977.678         5493512.945         NAD 83 UTM ZONE 11           SXL18 02+00W         03/08/2005         SOIL         523977.678         5493515.212         NAD 83 UTM ZONE 11           SXL18 02+25W         03/08/2005         SOIL         523929.8768         5493515.212         NAD 83 UTM ZONE 11           SXL18 02+50W         03/08/2005         SOIL         5238282.0757         5493517.48         NAD 83 UTM ZONE 11           SXL18 03+0W         03/08/2005         SOIL         523858.1752	
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SXL18 02+25W         03/08/2005         SOIL         523929.8768         5493515.212         NAD 83         UTM ZONE 11           SXL18 02+50W         03/08/2005         SOIL         523905.9763         5493516.346         NAD 83         UTM ZONE 11           SXL18 02+75W         03/08/2005         SOIL         523882.0757         5493517.48         NAD 83         UTM ZONE 11           SXL18 03+00W         03/08/2005         SOIL         523858.1752         5493518.613         NAD 83         UTM ZONE 11           SXL18 03+25W         03/08/2005         SOIL         523834.2746         5493519.747         NAD 83         UTM ZONE 11           SXL18 03+50W         03/08/2005         SOIL         523810.3741         5493520.881         NAD 83         UTM ZONE 11           SXL18 03+75W         03/08/2005         SOIL         523786.4735         5493522.015         NAD 83         UTM ZONE 11           SXL18 04+00W         03/08/2005         SOIL         523762.573         5493523.148         NAD 83         UTM ZONE 11	N
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SXL18 02+75W         03/08/2005         SOIL         523882.0757         5493517.48         NAD 83 UTM ZONE 11           SXL18 03+00W         03/08/2005         SOIL         523858.1752         5493518.613         NAD 83 UTM ZONE 11           SXL18 03+25W         03/08/2005         SOIL         523834.2746         5493519.747         NAD 83 UTM ZONE 11           SXL18 03+50W         03/08/2005         SOIL         523810.3741         5493520.881         NAD 83 UTM ZONE 11           SXL18 03+75W         03/08/2005         SOIL         523786.4735         5493522.015         NAD 83 UTM ZONE 11           SXL18 04+00W         03/08/2005         SOIL         523762.573         5493523.148         NAD 83 UTM ZONE 11	
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SXL18 03+50W         03/08/2005         SOIL         523810.3741         5493520.881         NAD 83 UTM ZONE 11           SXL18 03+75W         03/08/2005         SOIL         523786.4735         5493522.015         NAD 83 UTM ZONE 11           SXL18 04+00W         03/08/2005         SOIL         523762.573         5493523.148         NAD 83 UTM ZONE 11	
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SXL18 04+50W         03/08/2005 SOIL         523716.0724         5493522.202 NAD 05 01M 20NE 11	
SXL18 04+75W         03/08/2005 SOIL         523690.8713         5493526.55 NAD 83 UTM ZONE 11	
SXL18 05+00W         03/08/2005 SOIL         523666.9708         5493527.683 NAD 83 UTM ZONE 11	
SXL18 05+25W         03/08/2005 SOIL         523643.0702         5493528.817 NAD 83 UTM ZONE 11	
SXL18 05+50W         03/08/2005 SOIL         523619.1697         5493529.951 NAD 83 UTM ZONE 11	
SXL18 05+75W 03/08/2005 SOIL 523595.2691 5493531.085 NAD 83 UTM ZONE 11	
SXL18 06+00W 03/08/2005 SOIL 523571.3686 5493532.218 NAD 83 UTM ZONE 11	
SXL18 06+25W 03/08/2005 SOIL 523547.468 5493533.352 NAD 83 UTM ZONE 11	
SXL18 06+50W         03/08/2005 SOIL         523523.5675         5493534.486 NAD 83 UTM ZONE 11	
SXL18 06+75W         03/08/2005 SOIL         523499.6669         5493535.62 NAD 83 UTM ZONE 11	
SXL18 07+00W         03/08/2005 SOIL         523475.7663         5493536.753 NAD 83 UTM ZONE 11	N

SAL18 07-25W         0.3/09/2005 SOIL         523411.8678.95         5493533 NAD 83 UTM ZONE 11N           SXL19 00-00         24/07/2005 SOIL         524282         5493533 NAD 83 UTM ZONE 11N           SXL19 00-25W         24/07/2005 SOIL         524676         5498733 NAD 83 UTM ZONE 11N           SXL19 00-25W         24/07/2005 SOIL         524679 98998         5498713 SQ1ND 83 UTM ZONE 11N           SXL19 00-25W         24/07/2005 SOIL         524679 98998         5498763 C481ND 83 UTM ZONE 11N           SXL19 00-75W         24/07/2005 SOIL         524673 743963         5498765 C481NAD 83 UTM ZONE 11N           SXL19 00-75W         24/07/2005 SOIL         5247177781         5498765 C37NAD 83 UTM ZONE 11N           SXL19 01-76W         24/07/2005 SOIL         5247373963         5498765 C37NAD 83 UTM ZONE 11N           SXL19 01-76W         24/07/2005 SOIL         5247717612         5498765 C37NAD 83 UTM ZONE 11N           SXL19 01-76W         24/07/2005 SOIL         5247677462         5498765 C37NAD 83 UTM ZONE 11N           SXL19 01-76W         24/07/2005 SOIL         5247677462         549876 C37NAD 83 UTM ZONE 11N           SXL19 01-76W         24/07/2005 SOIL         524481 5432         549876 C3 NAD 83 UTM ZONE 11N           SXL19 01-76W         24/07/2005 SOIL         524484 54113         549876 C3 NAD 83 UTM ZONE 11N </th <th>SAMPLE NUMBER</th> <th>DATE</th> <th>SAMPLE TYPE</th> <th>UTM X</th> <th>UTM Y</th> <th>UTM ZONE</th>	SAMPLE NUMBER	DATE	SAMPLE TYPE	UTM X	UTM Y	UTM ZONE
SXL19 00-00         24/07/2005 Stoll.         52/466         54/97/39 NAD 83 UTM 20NE 11N           SXL19 00-25W         24/07/2005 Stoll.         52/467/98989         54/987/31 45/91ND 83 UTM 20NE 11N           SXL19 00-75W         24/07/2005 Stoll.         52/467/98989         54/987/61 45/91ND 83 UTM 20NE 11N           SXL19 00-75W         24/07/2005 Stoll.         52/462/2448         54/98786 42/1NAD 83 UTM 20NE 11N           SXL19 00-75W         24/07/2005 Stoll.         52/47/17781         54/98786 57/1NAD 83 UTM 20NE 11N           SXL19 00-75W         24/07/2005 Stoll.         52/47/3 3963         54/98786 52/1NAD 83 UTM 20NE 11N           SXL19 01-75C         24/07/2005 Stoll.         52/47/3 3963         54/98776 52/1NAD 83 UTM 20NE 11N           SXL19 01-75C         24/07/2005 Stoll.         52/47/3 3963         54/98776 32/1NAD 83 UTM 20NE 11N           SXL19 01-75C         24/07/2005 Stoll.         52/47/3 7582         54/98776 32/1NAD 83 UTM 20NE 11N           SXL19 01-75C         24/07/2005 Stoll.         52/47/3 7582         54/98776 32/1NAD 83 UTM 20NE 11N           SXL19 01-75C         24/07/2005 Stoll.         52/448 243         54/98776 32/1NAD 83 UTM 20NE 11N           SXL19 01-75C         24/07/2005 Stoll.         52/448 243         54/98776 31/1NAD 83 UTM 20NE 11N           SXL19 02-75C         24/07/2005 Stoll.         52/44						
SXL19         00+25E         24/07/2005         SOIL         52/479         53/487	SXL18 07+50W	03/08/2005	SOIL	523428	5493539	NAD 83 UTM ZONE 11N
SXI: 19 00-25W         24/07/2008 SOIL         52/463 2426         6498766.448 NAD 83 UTM ZONE 11N           SXI: 19 00-56W         24/07/2008 SOIL         52/4636.082         5498686.421 NAD 83 UTM ZONE 11N           SXI: 19 00-75W         24/07/2008 SOIL         52/4717 7781         5498765.778 NAD 83 UTM ZONE 11N           SXI: 19 00-75W         24/07/2008 SOIL         52/4717 7781         5498765.778 NAD 83 UTM ZONE 11N           SXI: 19 01-00W         24/07/2008 SOIL         52/4713 9983         5498653.061 NAD 83 UTM ZONE 11N           SXI: 19 01-00W         24/07/2008 SOIL         52/4770 155         5498652.231 NAD 83 UTM ZONE 11N           SXI: 19 01-26W         24/07/2008 SOIL         52/4785 7483         5498652.231 NAD 83 UTM ZONE 11N           SXI: 19 01-26W         24/07/2008 SOIL         52/4476 3637         5498675.158 NAD 83 UTM ZONE 11N           SXI: 19 01-75W         24/07/2008 SOIL         52/4486 597         5498755.116 NAD 83 UTM ZONE 11N           SXI: 19 01-75W         24/07/2008 SOIL         52/4486 597         5498755.116 NAD 83 UTM ZONE 11N           SXI: 19 01-75W         24/07/2008 SOIL         52/4486 597         5498752.418 NAD 83 UTM ZONE 11N           SXI: 19 02-70W         24/07/2008 SOIL         52/4486 597         5498752.418 NAD 83 UTM ZONE 11N           SXI: 19 02-70W         24/07/2008 SOIL         52/4486 5	SXL19 00+00	24/07/2005	SOIL	524666	5498739	NAD 83 UTM ZONE 11N
SXL19 00+50E         24/07/2005 SOIL         52/4692 4248         64/8786 648         NAD 83 UTM ZONE 11N           SXL19 00+75E         24/07/2005 SOIL         52/4473 7781         64/8786 775 NAD 83 UTM ZONE 11N           SXL19 00+75E         24/07/2005 SOIL         52/4473 7981         64/8786 775 NAD 83 UTM ZONE 11N           SXL19 00+75E         24/07/2005 SOIL         52/4473 9983         64/8780 523 NAD 83 UTM ZONE 11N           SXL19 00+70E         24/07/2005 SOIL         52/4761 786         54/87870 523 NAD 83 UTM ZONE 11N           SXL19 01+00E         24/07/2005 SOIL         52/4763 7592         64/8787 526 NAD 83 UTM ZONE 11N           SXL19 01+52E         24/07/2005 SOIL         52/4763 7592         64/8787 226 NAD 83 UTM ZONE 11N           SXL19 01+52E         24/07/2005 SOIL         52/4763 7492         64/8864 213 SOL NAD 83 UTM ZONE 11N           SXL19 01+52E         24/07/2005 SOIL         52/4763 7492         64/8864 208 SOL NAD 83 UTM ZONE 11N           SXL19 01+52E         24/07/2005 SOIL         52/4876 213 SOL NAD 83 UTM ZONE 11N         72/17200 SOIL           SXL19 02+05E         24/07/2005 SOIL         52/4876 248         54/88767 28 NAD 83 UTM ZONE 11N           SXL19 02+05E         24/07/2005 SOIL         52/4876 328         54/88767 118 NAD 83 UTM ZONE 11N           SXL19 02+05E         24/07/2005 SOIL <td< td=""><td></td><td></td><td></td><td>524679.8998</td><td></td><td></td></td<>				524679.8998		
SXL19         00+50W         24/07/2005         SOIL         52/438.082         54/9868.421         NAD 83 UTM ZONE 11N           SXL19         00+75W         24/07/2005         SOIL         52/4717781         54/98662.757         NAD 83 UTM ZONE 11N           SXL19         00+75W         24/07/2005         SOIL         52/4743         56/98682.037         NAD 83 UTM ZONE 11N           SXL19         01+00W         24/07/2005         SOIL         52/4770.155         54/98652.031         NAD 83 UTM ZONE 11N           SXL19         01+25W         24/07/2005         SOIL         52/4770.155         54/98652.031         NAD 83 UTM ZONE 11N           SXL19         01+25W         24/07/2005         SOIL         52/4467         54/98652.031         NAD 83 UTM ZONE 11N           SXL19         01+75W         24/07/2005         SOIL         52/4461         56/93         54/98652.031         NAD 83 UTM ZONE 11N           SXL19         01+75W         24/07/2005         SOIL         52/4463         54/9862.231         NAD 83 UTM ZONE 11N           SXL19         02+75E         24/07/2005         SOIL         52/4464         54/9864.133         NAD 83 UTM ZONE 11N           SXL19         02+75E         24/07/2005         SOIL         52/4463						
SXL19         900+75E         24/07/2005         SOIL         52/4717.7781         54/8785.775         NAD 83 UTM ZONE 11N           SXL19         900+75E         24/07/2005         SOIL         52/4763         54/8876.523         NAD 83 UTM ZONE 11N           SXL19         901+00E         24/07/2005         SOIL         52/4763         54/8876.523         NAD 83 UTM ZONE 11N           SXL19         91+25E         24/07/2005         SOIL         52/4770.155         54/8977.4948         NAD 83 UTM ZONE 11N           SXL19         91+25E         24/07/2005         SOIL         52/4763         54/8977.4948         NAD 83 UTM ZONE 11N           SXL19         91+25E         24/07/2006         SOIL         52/4763         54/8977.26         NAD 83 UTM ZONE 11N           SXL19         91+75E         24/07/2006         SOIL         52/4476         54/88767.26         NAD 83 UTM ZONE 11N           SXL19         92+7006         SOIL         52/4476         54/88767.26         NAD 83 UTM ZONE 11N           SXL19         92+7006         SOIL         52/4476         54/887276         SAD 83 UTM ZONE 11N           SXL19         92+7006         SOIL         52/4476         54/88726         SAD 83 UTM ZONE 11N           SXL19         92+						
SXL19 00+75W         2407/2005 SOIL         524718 01+000E         2407/2005 SOIL         52473 996 3548 78 321 NA 20 NE 11N           SXL19 01+00W         2407/2005 SOIL         524743 996 3548 78 321 NA 20 NE 11N           SXL19 01+22E         2407/2005 SOIL         524770 155 548 774 4481 NA 28 UTM ZONE 11N           SXL19 01+22E         2407/2005 SOIL         524770 155 548 774 4481 NA 28 UTM ZONE 11N           SXL19 01+52W         2407/2005 SOIL         524770 155 4488 747 261 NA 28 UTM ZONE 11N           SXL19 01+50W         2407/2005 SOIL         524761 355 4488 767 261 NA 28 UTM ZONE 11N           SXL19 01+57W         2407/2005 SOIL         524761 353 4488 767 261 NA 28 UTM ZONE 11N           SXL19 01+75W         2407/2005 SOIL         524481 563 27 4498 640 21 NA 28 UTM ZONE 11N           SXL19 02+00E         2407/2005 SOIL         524486 420 5498674 323 UTM ZONE 11N           SXL19 02+00W         2407/2005 SOIL         524486 6397 5498724 363 HA 28 UTM ZONE 11N           SXL19 02+25W         2407/2005 SOIL         524486 6397 5498724 361 NA 28 UTM ZONE 11N           SXL19 02+26W         2407/2005 SOIL         524486 6397 5498724 361 NA 28 UTM ZONE 11N           SXL19 02+75W         2407/2005 SOIL         524486 73 28 48773 331 NA D8 3 UTM ZONE 11N           SXL19 02+75W         2407/2005 SOIL         524487 648773 341 NA D8 3 UTM ZONE 11N           SXL19 02						
SXL19 01+00E         24/07/2005 SOIL         524743 9963         5498633.06[NAD 83 UTM ZONE 11N.           SXL19 01+00W         24/07/2005 SOIL         524797.0155         5498673.06[NAD 83 UTM ZONE 11N.           SXL19 01+25E         24/07/2005 SOIL         524773.7992         5498673.231[NAD 83 UTM ZONE 11N.           SXL19 01+5E         24/07/2005 SOIL         524767.7493         5498672.231[NAD 83 UTM ZONE 11N.           SXL19 01+56W         24/07/2005 SOIL         524767.7493         5498672.231[NAD 83 UTM ZONE 11N.           SXL19 01+56W         24/07/2005 SOIL         524462.213         5498674.153[NAD 83 UTM ZONE 11N.           SXL19 01+75E         24/07/2005 SOIL         524463.6444         5498674.023[NAD 83 UTM ZONE 11N.           SXL19 02+000E         24/07/2005 SOIL         524466.5470         5498676.63]NAD 83 UTM ZONE 11N.           SXL19 02+25E         24/07/2005 SOIL         5244867.8904         5498664.021[NAD 83 UTM ZONE 11N.           SXL19 02+50W         24/07/2005 SOIL         524487.49028         5498676.41NAD 83 UTM ZONE 11N.           SXL19 02+75W         24/07/2005 SOIL         524487.49028         5498676.41NAD 83 UTM ZONE 11N.           SXL19 02+75W         24/07/2005 SOIL         524487.49028         5498676.41NAD 83 UTM ZONE 11N.           SXL19 02+75W         24/07/2005 SOIL         524487.49028         5498						
SXL19 01+20W         24/07/2005 SOIL         524590,9235         5498074.948(NAD 83 UTM ZONE 11N)           SXL19 01+25W         24/07/2005 SOIL         524770.155         5498774.948(NAD 83 UTM ZONE 11N)           SXL19 01+25W         24/07/2005 SOIL         524770.155         5498774.948(NAD 83 UTM ZONE 11N)           SXL19 01+50W         24/07/2005 SOIL         524795.7463         5498767.28(NAD 83 UTM ZONE 11N)           SXL19 01+75W         24/07/2005 SOIL         524761.353         5498674.153 NAD 83 UTM ZONE 11N)           SXL19 01+75W         24/07/2005 SOIL         524816.3632         5498674.027 NAB 33 UTM ZONE 11N)           SXL19 02+00W         24/07/2005 SOIL         524486.4084         5498674.027 NAB 33 UTM ZONE 11N)           SXL19 02+00W         24/07/2005 SOIL         524486.597         5498729.633 NAD 33 UTM ZONE 11N)           SXL19 02+50W         24/07/2005 SOIL         524488.428         5498713.931 NAD 33 UTM ZONE 11N)           SXL19 02+50W         24/07/2005 SOIL         524487.828         5498713.931 NAD 33 UTM ZONE 11N)           SXL19 02+75W         24/07/2005 SOIL         524473.926         5498676.3415 NAD 33 UTM ZONE 11N)           SXL19 02+75W         24/07/2005 SOIL         524473.926         5498676.4415 NAD 33 UTM ZONE 11N)           SXL19 02+75W         24/07/2005 SOIL         524473.927         5498704						
SXL19 01+25E         24/07/2005 SOIL         524770.155         5496652.231NAD 83 UTM ZONE 11N           SXL19 01+25W         24/07/2005 SOIL         524757.5795         5496652.231NAD 83 UTM ZONE 11N           SXL19 01+50E         24/07/2005 SOIL         524762.1348         5498767.261NAD 83 UTM ZONE 11N           SXL19 01+75E         24/07/2005 SOIL         524762.135         5498664.153NAD 83 UTM ZONE 11N           SXL19 01+75W         24/07/2005 SOIL         524467.2415.832         5498644.153NAD 83 UTM ZONE 11N           SXL19 01+75W         24/07/2005 SOIL         524486.3944         5498742.382NAD 83 UTM ZONE 11N           SXL19 02+20E         24/07/2005 SOIL         524486.5904         5498673.33NAD 83 UTM ZONE 11N           SXL19 02+20E         24/07/2005 SOIL         524486.5904         5498673.33NAD 83 UTM ZONE 11N           SXL19 02+20E         24/07/2005 SOIL         524487.49028         5498673.415NAD 83 UTM ZONE 11N           SXL19 02+75W         24/07/2005 SOIL         524487.49028         5498676.415NAD 83 UTM ZONE 11N           SXL19 02+75W         24/07/2005 SOIL         524487.49028         5498676.415NAD 83 UTM ZONE 11N           SXL19 02+75W         24/07/2005 SOIL         524487.49028         5498676.415NAD 83 UTM ZONE 11N           SXL19 02+75W         24/07/2005 SOIL         524487.49028         5498676.415NAD 83						
SXL 19 01+25W         24/07/2005         SOIL         524795.74:57.25         4998652.231         NAD 83 UTM ZONE 11N           SXL 19 01+50W         24/07/2005         SOIL         524795.74:63         549877.26         NAD 83 UTM ZONE 11N           SXL 19 01+50W         24/07/2005         SOIL         524819.63:25         549875.51:16         NAD 83 UTM ZONE 11N           SXL 19 01+75W         24/07/2005         SOIL         524818.63:27         5498654.15:31         NAD 83 UTM ZONE 11N           SXL 19 02+70E         24/07/2005         SOIL         524488.044         5498674.021         NAD 83 UTM ZONE 11N           SXL 19 02+70E         24/07/2005         SOIL         524488.044         5498674.021         NAD 83 UTM ZONE 11N           SXL 19 02+75E         24/07/2005         SOIL         524488.728         549877.378.14D         NAD 83 UTM ZONE 11N           SXL 19 02+75E         24/07/2005         SOIL         524488.728         549876.74.15         NAD 83 UTM ZONE 11N           SXL 19 02+75E         24/07/2005         SOIL         524498.728         5498680.74.1NAD 83 UTM ZONE 11N           SXL 19 02+75E         24/07/2005         SOIL         524498.728         5498680.74.1NAD 83 UTM ZONE 11N           SXL 19 02+75E         24/07/2005         SOIL         524381.677.44						
SXL 19 01+50E         24/07/2005         SOIL         524586 213         5498676 7.26 NAD 83 UTM ZONE 11N           SXL 19 01+75E         24/07/2005         SOIL         524546 213         5498656 116 NAD 83 UTM ZONE 11N           SXL 19 01+75E         24/07/2005         SOIL         524546 3637         5498656 116 NAD 83 UTM ZONE 11N           SXL 19 02+00E         24/07/2005         SOIL         524843 0844         5498742 382 NAD 83 UTM ZONE 11N           SXL 19 02+00E         24/07/2005         SOIL         524843 0844         5498649 021 NAD 83 UTM ZONE 11N           SXL 19 02+52E         24/07/2005         SOIL         524845 804         5498659 64 NAD 83 UTM ZONE 11N           SXL 19 02+55D         24/07/2005         SOIL         524487 328         5498679 413 NAD 83 UTM ZONE 11N           SXL 19 02+55D         24/07/2005         SOIL         524497 303         5498659 431 NAD 83 UTM ZONE 11N           SXL 19 02+55D         24/07/2005         SOIL         52497 3435         5498670 418 NAD 83 UTM ZONE 11N           SXL 19 02+55D         24/07/2005         SOIL         52497 5498704 816 NAD 83 UTM ZONE 11N           SXL 19 02+75W         24/07/2005         SOIL         52497 5498704 816 NAD 83 UTM ZONE 11N           SXL 19 03+05E         24/07/2005         SOIL         52498704 816 NAD 83 UTM ZONE 11N <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
SXL 19 01+50W         24/07/2005 SOIL         52484 54.2113         5498660 292 JAND 83 UTM ZONE 11N           SXL 19 01+75W         24/07/2005 SOIL         52481 56.337         5498654 153 JAD 83 UTM ZONE 11N           SXL 19 01+75W         24/07/2005 SOIL         524848.0844         5498765 116 JAD 83 UTM ZONE 11N           SXL 19 02+00W         24/07/2005 SOIL         524488.0244         5498649 021 JAD 83 UTM ZONE 11N           SXL 19 02+25E         24/07/2005 SOIL         524488.044         54986784 021 JAD 83 UTM ZONE 11N           SXL 19 02+25E         24/07/2005 SOIL         524485.904         5498679 415 NAD 83 UTM ZONE 11N           SXL 19 02+50E         24/07/2005 SOIL         524438.728         5498773 1.911 NAD 83 UTM ZONE 11N           SXL 19 02+50E         24/07/2005 SOIL         524498.9125         5498680.044 NAD 83 UTM ZONE 11N           SXL 19 02+75E         24/07/2005 SOIL         524928.9125         5498680.044 NAD 83 UTM ZONE 11N           SXL 19 03+00E         24/07/2005 SOIL         524982.9125         5498680.044 NAD 83 UTM ZONE 11N           SXL 19 03+50W         24/07/2005 SOIL         524982.8125         5498670.3404 NAD 83 UTM ZONE 11N           SXL 19 03+50W         24/07/2005 SOIL         524928.9125         5498670.3404 NAD 83 UTM ZONE 11N           SXL 19 03+50W         24/07/2005 SOIL         524982.9125						
SXL 19 01+75E         24/07/2005         SOIL         524151         537         54986755.116         ND 83 UTM ZONE 11N           SXL 19 01+75W         24/07/2005         SOIL         524486.4208         5498643.153         ND 83 UTM ZONE 11N           SXL 19 02+00E         24/07/2005         SOIL         524486.4208         5498649.021         NAD 83 UTM ZONE 11N           SXL 19 02+25E         24/07/2005         SOIL         524486.597         5498729.633         NAD 83 UTM ZONE 11N           SXL 19 02+25E         24/07/2005         SOIL         524487.828         5498713.931         NAD 83 UTM ZONE 11N           SXL 19 02+75E         24/07/2005         SOIL         524487.828         5498713.931         NAD 83 UTM ZONE 11N           SXL 19 02+75E         24/07/2005         SOIL         524497.033         5498669.438         NAD 83 UTM ZONE 11N           SXL 19 02+75W         24/07/2005         SOIL         524943.9028         5498680.044         NAD 83 UTM ZONE 11N           SXL 19 02+75W         24/07/2005         SOIL         524926.8162.97         5498704.816 NAD 83 UTM ZONE 11N           SXL 19 03+00W         24/07/2005         SOIL         524926.8162.949470.8168.044         NAD 83 UTM ZONE 11N           SXL 19 03+5E         24/07/2005         SOIL         524927.44						
SXL19 01+75W         24407/2005 SOIL         524316 3637         5498654 132 INAD 83 UTM ZONE 11N           SXL19 02+00E         24/07/2005 SOIL         524486 4208         5498649 021 NAD 83 UTM ZONE 11N           SXL19 02+25E         24/07/2005 SOIL         524486 590         549872 332 INAD 83 UTM ZONE 11N           SXL19 02+25E         24/07/2005 SOIL         524488 594         5498678 021 NAD 83 UTM ZONE 11N           SXL19 02+25W         24/07/2005 SOIL         524488 5940         5498678 021 NAD 83 UTM ZONE 11N           SXL19 02+75E         24/07/2005 SOIL         524498 7028         5498678 013 NAD 83 UTM ZONE 11N           SXL19 02+75W         24/07/2005 SOIL         5244907 0333         5498696 723 NAD 83 UTM ZONE 11N           SXL19 02+75W         24/07/2005 SOIL         524910 6642         5498704 316 NAD 83 UTM ZONE 11N           SXL19 03+00W         24/07/2005 SOIL         5249125         54986704 316 NAD 83 UTM ZONE 11N           SXL19 03+25E         24/07/2005 SOIL         524940 6642         5498704 316 NAD 83 UTM ZONE 11N           SXL19 03+25W         24/07/2005 SOIL         524931 N2 73         54987704 316 NAD 83 UTM ZONE 11N           SXL19 03+25W         24/07/2005 SOIL         524924 0489703 3498 NAD 83 UTM ZONE 11N           SXL19 03+25W         24/07/2005 SOIL         52497 1488772 683 NAD 83 UTM ZONE 11N						
SXL19 02+00E         24407/2005 SOIL         524843.0844         5498742.382         INAD 83 UTM ZONE 11N           SXL19 02+05W         24407/2005 SOIL         524866.597         5498729.633 NAD 83 UTM ZONE 11N           SXL19 02+25W         24407/2005 SOIL         524458.408         5498659.631 NAD 83 UTM ZONE 11N           SXL19 02+50E         24407/2005 SOIL         524487.8904         5498673.631 NAD 83 UTM ZONE 11N           SXL19 02+50W         24407/2005 SOIL         524847.933         5498673.431 NAD 83 UTM ZONE 11N           SXL19 02+75W         24407/2005 SOIL         524970.333         5498695.436 NAD 83 UTM ZONE 11N           SXL19 02+75W         24407/2005 SOIL         52491.55         5498680.044 NAD 83 UTM ZONE 11N           SXL19 03+00W         24407/2005 SOIL         52431.6297         5498709.430 NAD 83 UTM ZONE 11N           SXL19 03+25W         24407/2005 SOIL         52431.477         5498709.138 NAD 83 UTM ZONE 11N           SXL19 03+25W         24407/2005 SOIL         524351.477         5498704.818 NAD 83 UTM ZONE 11N           SXL19 03+75W         24407/2005 SOIL         524351.572         5498715.126 NAD 83 UTM ZONE 11N           SXL19 03+75W         24407/2005 SOIL         524351.54877.54871AA 083 UTM ZONE 11N           SXL19 03+75W         24407/2005 SOIL         524335.1548758.6718.A083 UTM ZONE 11N						
SXL19 02+00W         2407/2005 SOIL         524886.597         5498649.021 NAD 83 UTM ZONE 11N           SXL19 02+25E         24/07/2005 SOIL         524886.597         54986729.633 NAD 83 UTM ZONE 11N           SXL19 02+25W         24/07/2005 SOIL         524887.828         5498673.631 NAD 83 UTM ZONE 11N           SXL19 02+50W         24/07/2005 SOIL         524837.828         5498678.415 NAD 83 UTM ZONE 11N           SXL19 02+75E         24/07/2005 SOIL         524434.9028         5498696.723 NAD 83 UTM ZONE 11N           SXL19 02+75W         24/07/2005 SOIL         524914.9028         5498696.723 NAD 83 UTM ZONE 11N           SXL19 02+75W         24/07/2005 SOIL         524916.927         5498690.418 NAD 83 UTM ZONE 11N           SXL19 03+00P         24/07/2005 SOIL         524916.927         5498704.816 NAD 83 UTM ZONE 11N           SXL19 03+00W         24/07/2005 SOIL         524951.4774         5498704.816 NAD 83 UTM ZONE 11N           SXL19 03+50E         24/07/2005 SOIL         524951.4774         5498704.816 NAD 83 UTM ZONE 11N           SXL19 03+50W         24/07/2005 SOIL         524931.4774         5498715.126 NAD 83 UTM ZONE 11N           SXL19 03+50W         24/07/2005 SOIL         524937.408         30 UTM ZONE 11N           SXL19 03+50W         24/07/2005 SOIL         524937.408         30 UTM ZONE 11N						
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SXL19 04+00E         24/07/2005 SOIL         525003.7152         5498748.314 NAD 83 UTM ZONE 11N           SXL19 04+00W         24/07/2005 SOIL         52207.9288         5498700.741 NAD 83 UTM ZONE 11N           SXL19 04+25E         24/07/2005 SOIL         522027.9288         5498759.674 NAD 83 UTM ZONE 11N           SXL19 04+25W         24/07/2005 SOIL         524234.4066         5498693.423 NAD 83 UTM ZONE 11N           SXL19 04+50E         24/07/2005 SOIL         524234.4066         5498673.674 NAD 83 UTM ZONE 11N           SXL19 04+50W         24/07/2005 SOIL         522051.31         5498772.582 NAD 83 UTM ZONE 11N           SXL19 04+75E         24/07/2005 SOIL         525073.9093         5498680.371 NAD 83 UTM ZONE 11N           SXL19 04+75E         24/07/2005 SOIL         525073.9093         5498676.882 NAD 83 UTM ZONE 11N           SXL19 04+75W         24/07/2005 SOIL         525074.6709         5498603.644 NAD 83 UTM ZONE 11N           SXL19 05+00W         24/07/2005 SOIL         525113.0141         5498623.101 NAD 83 UTM ZONE 11N           SXL19 05+25W         24/07/2005 SOIL         525131.0141         5498823.101 NAD 83 UTM ZONE 11N           SXL19 05+50E         24/07/2005 SOIL         525131.0152         5498841.982 NAD 83 UTM ZONE 11N           SXL19 05+75E         24/07/2005 SOIL         525150.5406         549861.516 NAD	SXL19 03+75E	24/07/2005	SOIL	524979.4201	5498737.127	NAD 83 UTM ZONE 11N
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SXL19 04+25E         24/07/2005         SOIL         525027.9288         5498759.674         NAD 83 UTM ZONE 11N           SXL19 04+25W         24/07/2005         SOIL         524234.4066         5498693.423         NAD 83 UTM ZONE 11N           SXL19 04+50E         24/07/2005         SOIL         525051.31         5498772.582         NAD 83 UTM ZONE 11N           SXL19 04+50W         24/07/2005         SOIL         524208.3798         5498680.371         NAD 83 UTM ZONE 11N           SXL19 04+75W         24/07/2005         SOIL         524208.3798         5498766.822         NAD 83 UTM ZONE 11N           SXL19 04+75W         24/07/2005         SOIL         524184.1241         5498662.109         NAD 83 UTM ZONE 11N           SXL19 05+00E         24/07/2005         SOIL         524165.5726         5498638.471         NAD 83 UTM ZONE 11N           SXL19 05+25E         24/07/2005         SOIL         524149.3856         5498615.992         NAD 83 UTM ZONE 11N           SXL19 05+50E         24/07/2005         SOIL         524131.0152         5498861.592         NAD 83 UTM ZONE 11N           SXL19 05+50E         24/07/2005         SOIL         524121.1656         5498861.155         NAD 83 UTM ZONE 11N           SXL19 05+50E         24/07/2005         SOIL         52409						
SXL19 04+25W         24/07/2005         SOIL         524234.4066         5498693.423         NAD 83 UTM ZONE 11N           SXL19 04+50E         24/07/2005         SOIL         525051.31         5498772.582         NAD 83 UTM ZONE 11N           SXL19 04+75E         24/07/2005         SOIL         524208.3798         5498680.371         NAD 83 UTM ZONE 11N           SXL19 04+75E         24/07/2005         SOIL         525073.9093         5498766.821         NAD 83 UTM ZONE 11N           SXL19 04+75W         24/07/2005         SOIL         525094.6709         5498803.644         NAD 83 UTM ZONE 11N           SXL19 05+00E         24/07/2005         SOIL         525113.0141         5498638.471         NAD 83 UTM ZONE 11N           SXL19 05+25E         24/07/2005         SOIL         525113.0141         54988615.992         NAD 83 UTM ZONE 11N           SXL19 05+25E         24/07/2005         SOIL         525113.0141         5498842.883         NAD 83 UTM ZONE 11N           SXL19 05+50E         24/07/2005         SOIL         524149.3856         5498615.992         NAD 83 UTM ZONE 11N           SXL19 05+50W         24/07/2005         SOIL         524121.1656         5498861.55         NAD 83 UTM ZONE 11N           SXL19 05+50W         24/07/2005         SOIL         52515						
SXL19 04+50E         24/07/2005 SOIL         525051.31         5498772.582 NAD 83 UTM ZONE 11N           SXL19 04+50W         24/07/2005 SOIL         524208.3798         5498680.371 NAD 83 UTM ZONE 11N           SXL19 04+75E         24/07/2005 SOIL         525073.9093         5498786.882 NAD 83 UTM ZONE 11N           SXL19 04+75W         24/07/2005 SOIL         524184.1241         5498662.109 NAD 83 UTM ZONE 11N           SXL19 05+00E         24/07/2005 SOIL         524184.1241         5498662.109 NAD 83 UTM ZONE 11N           SXL19 05+00W         24/07/2005 SOIL         524185.726         5498638.471 NAD 83 UTM ZONE 11N           SXL19 05+25E         24/07/2005 SOIL         524149.3856         5498615.992 NAD 83 UTM ZONE 11N           SXL19 05+25W         24/07/2005 SOIL         524149.3856         5498615.992 NAD 83 UTM ZONE 11N           SXL19 05+50W         24/07/2005 SOIL         524121.1666         5498626.165 NAD 83 UTM ZONE 11N           SXL19 05+50W         24/07/2005 SOIL         525130.015         5498640.398 NAD 83 UTM ZONE 11N           SXL19 05+75W         24/07/2005 SOIL         524194.4268         5498640.398 NAD 83 UTM ZONE 11N           SXL19 05+75W         24/07/2005 SOIL         525170.1582         5498640.398 NAD 83 UTM ZONE 11N           SXL19 06+00E         24/07/2005 SOIL         525170.1582         5498640.398 NAD						
SXL19 04+50W         24/07/2005         SOIL         524208.3798         5498680.371         NAD 83 UTM ZONE 11N           SXL19 04+75E         24/07/2005         SOIL         525073.9093         5498786.882         NAD 83 UTM ZONE 11N           SXL19 04+75W         24/07/2005         SOIL         524184.1241         5498662.109         NAD 83 UTM ZONE 11N           SXL19 05+00E         24/07/2005         SOIL         5225094.6709         5498803.644         NAD 83 UTM ZONE 11N           SXL19 05+00W         24/07/2005         SOIL         522113.0141         5498803.644         NAD 83 UTM ZONE 11N           SXL19 05+25E         24/07/2005         SOIL         525113.0141         5498803.644         NAD 83 UTM ZONE 11N           SXL19 05+25E         24/07/2005         SOIL         525113.0141         5498803.644         NAD 83 UTM ZONE 11N           SXL19 05+25E         24/07/2005         SOIL         525113.0141         5498823.101         NAB 83 UTM ZONE 11N           SXL19 05+50E         24/07/2005         SOIL         525131.0152         5498822.165         NAB 83 UTM ZONE 11N           SXL19 05+75E         24/07/2005         SOIL         525150.5406         5498861.155         NAB 83 UTM ZONE 11N           SXL19 05+75W         24/07/2005         SOIL         52						
SXL19 04+75E         24/07/2005 SOIL         525073.9093         5498786.882 NAD 83 UTM ZONE 11N           SXL19 04+75W         24/07/2005 SOIL         524184.1241         5498662.109 NAD 83 UTM ZONE 11N           SXL19 05+00E         24/07/2005 SOIL         525094.6709         5498803.644 NAD 83 UTM ZONE 11N           SXL19 05+00W         24/07/2005 SOIL         525094.6709         5498803.644 NAD 83 UTM ZONE 11N           SXL19 05+25E         24/07/2005 SOIL         525113.0141         5498823.101 NAD 83 UTM ZONE 11N           SXL19 05+25E         24/07/2005 SOIL         525113.0152         54988615.992 NAD 83 UTM ZONE 11N           SXL19 05+50E         24/07/2005 SOIL         525131.0152         5498842.883 NAD 83 UTM ZONE 11N           SXL19 05+50E         24/07/2005 SOIL         524121.1656         5498626.165 NAD 83 UTM ZONE 11N           SXL19 05+75W         24/07/2005 SOIL         525150.5406         5498861.155 NAD 83 UTM ZONE 11N           SXL19 05+75W         24/07/2005 SOIL         525170.1582         5498879.336 NAD 83 UTM ZONE 11N           SXL19 06+00E         24/07/2005 SOIL         525170.1582         5498879.336 NAD 83 UTM ZONE 11N           SXL19 06+00W         24/07/2005 SOIL         525189.8861         5498867.335 NAD 83 UTM ZONE 11N           SXL19 06+25E         24/07/2005 SOIL         525209.8453         5498869.34						
SXL19 04+75W         24/07/2005         SOIL         524184.1241         5498662.109         NAD 83 UTM ZONE 11N           SXL19 05+00E         24/07/2005         SOIL         525094.6709         549803.644         NAD 83 UTM ZONE 11N           SXL19 05+00W         24/07/2005         SOIL         524165.5726         5498638.471         NAD 83 UTM ZONE 11N           SXL19 05+25E         24/07/2005         SOIL         525113.0141         5498823.101         NAD 83 UTM ZONE 11N           SXL19 05+25W         24/07/2005         SOIL         525131.0152         5498615.992         NAD 83 UTM ZONE 11N           SXL19 05+50E         24/07/2005         SOIL         524149.3856         5498615.992         NAD 83 UTM ZONE 11N           SXL19 05+50W         24/07/2005         SOIL         524121.1656         5498861.155         NAD 83 UTM ZONE 11N           SXL19 05+75W         24/07/2005         SOIL         5241904.2458         5498640.398         NAD 83 UTM ZONE 11N           SXL19 06+00E         24/07/2005         SOIL         525170.1582         5498879.336         NAD 83 UTM ZONE 11N           SXL19 06+00W         24/07/2005         SOIL         524065.8573         5498879.336         NAD 83 UTM ZONE 11N           SXL19 06+25E         24/07/2005         SOIL         525						
SXL19 05+00E         24/07/2005         SOIL         525094.6709         5498803.644         NAD 83         UTM ZONE 11N           SXL19 05+00W         24/07/2005         SOIL         524165.5726         5498638.471         NAD 83         UTM ZONE 11N           SXL19 05+25E         24/07/2005         SOIL         525113.0141         5498823.101         NAD 83         UTM ZONE 11N           SXL19 05+25W         24/07/2005         SOIL         525131.0152         5498842.83         NAD 83         UTM ZONE 11N           SXL19 05+50W         24/07/2005         SOIL         525131.0152         5498842.83         NAD 83         UTM ZONE 11N           SXL19 05+50W         24/07/2005         SOIL         525150.5406         5498661.655         NAD 83         UTM ZONE 11N           SXL19 05+75W         24/07/2005         SOIL         525170.1582         5498640.398         NAD 83         UTM ZONE 11N           SXL19 06+00E         24/07/2005         SOIL         524096.8573         5498651.311         NAD 83         UTM ZONE 11N           SXL19 06+25E         24/07/2005         SOIL         524086.8573         5498659.346         NAD 83         UTM ZONE 11N           SXL19 06+50W         24/07/2005         SOIL         525209.8453         54988915.199						
SXL19 05+00W         24/07/2005         SOIL         524165.5726         5498638.471         NAD 83 UTM ZONE 11N           SXL19 05+25E         24/07/2005         SOIL         525113.0141         5498823.101         NAD 83 UTM ZONE 11N           SXL19 05+25W         24/07/2005         SOIL         524149.3856         5498615.992         NAD 83 UTM ZONE 11N           SXL19 05+50E         24/07/2005         SOIL         524121.1656         5498861.592         NAD 83 UTM ZONE 11N           SXL19 05+50W         24/07/2005         SOIL         525150.5406         5498861.65         NAD 83 UTM ZONE 11N           SXL19 05+75E         24/07/2005         SOIL         525150.5406         5498661.315         NAD 83 UTM ZONE 11N           SXL19 05+75W         24/07/2005         SOIL         525170.1582         5498673.36         NAD 83 UTM ZONE 11N           SXL19 06+00E         24/07/2005         SOIL         525170.1582         5498651.311         NAD 83 UTM ZONE 11N           SXL19 06+25E         24/07/2005         SOIL         524065.8573         5498651.311         NAD 83 UTM ZONE 11N           SXL19 06+25W         24/07/2005         SOIL         525189.861         5498867.359         NAD 83 UTM ZONE 11N           SXL19 06+50E         24/07/2005         SOIL         525209						
SXL19 05+25E         24/07/2005         SOIL         525113.0141         5498823.101         NAD 83 UTM ZONE 11N           SXL19 05+25W         24/07/2005         SOIL         524149.3856         5498615.992         NAD 83 UTM ZONE 11N           SXL19 05+50E         24/07/2005         SOIL         525131.0152         5498842.883         NAD 83 UTM ZONE 11N           SXL19 05+50W         24/07/2005         SOIL         525131.0152         5498842.883         NAD 83 UTM ZONE 11N           SXL19 05+75W         24/07/2005         SOIL         525150.5406         5498861.155         NAD 83 UTM ZONE 11N           SXL19 05+75W         24/07/2005         SOIL         525150.5406         5498861.155         NAD 83 UTM ZONE 11N           SXL19 05+75W         24/07/2005         SOIL         525170.1582         5498879.336         NAD 83 UTM ZONE 11N           SXL19 06+00E         24/07/2005         SOIL         525189.8861         5498873.395         NAD 83 UTM ZONE 11N           SXL19 06+25E         24/07/2005         SOIL         525189.8861         5498897.395         NAD 83 UTM ZONE 11N           SXL19 06+50E         24/07/2005         SOIL         525209.8453         5498659.346         NAD 83 UTM ZONE 11N           SXL19 06+50W         24/07/2005         SOIL         525						
SXL19 05+25W         24/07/2005         SOIL         524149.3856         5498615.992         NAD 83 UTM ZONE 11N           SXL19 05+50E         24/07/2005         SOIL         525131.0152         5498842.883         NAD 83 UTM ZONE 11N           SXL19 05+50W         24/07/2005         SOIL         524121.1656         5498626.165         NAD 83 UTM ZONE 11N           SXL19 05+75E         24/07/2005         SOIL         525150.5406         5498861.155         NAD 83 UTM ZONE 11N           SXL19 05+75W         24/07/2005         SOIL         525170.1582         5498640.398         NAD 83 UTM ZONE 11N           SXL19 06+00E         24/07/2005         SOIL         525170.1582         5498679.336         NAD 83 UTM ZONE 11N           SXL19 06+00W         24/07/2005         SOIL         525189.8861         5498897.395         NAD 83 UTM ZONE 11N           SXL19 06+25E         24/07/2005         SOIL         525189.8861         5498897.395         NAD 83 UTM ZONE 11N           SXL19 06+25W         24/07/2005         SOIL         525209.8453         5498691.319         NAD 83 UTM ZONE 11N           SXL19 06+50E         24/07/2005         SOIL         525209.8453         5498915.199         NAD 83 UTM ZONE 11N           SXL19 06+55E         24/07/2005         SOIL         525						
SXL19 05+50E         24/07/2005         SOIL         525131.0152         5498842.883         NAD 83 UTM ZONE 11N           SXL19 05+50W         24/07/2005         SOIL         524121.1656         5498626.165         NAD 83 UTM ZONE 11N           SXL19 05+75E         24/07/2005         SOIL         525150.5406         5498861.155         NAD 83 UTM ZONE 11N           SXL19 05+75W         24/07/2005         SOIL         525170.1582         5498640.398         NAD 83 UTM ZONE 11N           SXL19 06+00E         24/07/2005         SOIL         525170.1582         5498879.336         NAD 83 UTM ZONE 11N           SXL19 06+00W         24/07/2005         SOIL         525189.8861         5498879.395         NAD 83 UTM ZONE 11N           SXL19 06+25E         24/07/2005         SOIL         525189.8861         5498897.395         NAD 83 UTM ZONE 11N           SXL19 06+25W         24/07/2005         SOIL         525209.8453         5498659.346         NAD 83 UTM ZONE 11N           SXL19 06+50E         24/07/2005         SOIL         525209.8453         5498666.651         NAD 83 UTM ZONE 11N           SXL19 06+75E         24/07/2005         SOIL         525209.8453         5498933.175         NAD 83 UTM ZONE 11N           SXL19 06+75W         24/07/2005         SOIL         525						
SXL19 05+50W         24/07/2005         SOIL         524121.1656         5498626.165         NAD 83 UTM ZONE 11N           SXL19 05+75E         24/07/2005         SOIL         525150.5406         5498861.155         NAD 83 UTM ZONE 11N           SXL19 05+75W         24/07/2005         SOIL         525150.5406         54988640.398         NAD 83 UTM ZONE 11N           SXL19 05+75W         24/07/2005         SOIL         525170.1582         5498640.398         NAD 83 UTM ZONE 11N           SXL19 06+00E         24/07/2005         SOIL         525170.1582         5498651.311         NAD 83 UTM ZONE 11N           SXL19 06+00W         24/07/2005         SOIL         525189.8861         5498897.395         NAD 83 UTM ZONE 11N           SXL19 06+25E         24/07/2005         SOIL         525189.8861         5498897.395         NAD 83 UTM ZONE 11N           SXL19 06+25W         24/07/2005         SOIL         525209.8453         5498659.346         NAD 83 UTM ZONE 11N           SXL19 06+50E         24/07/2005         SOIL         525209.8453         5498033.175         NAD 83 UTM ZONE 11N           SXL19 06+75E         24/07/2005         SOIL         525229.6504         5498933.175         NAD 83 UTM ZONE 11N           SXL19 07+00E         24/07/2005         SOIL         52						
SXL19 05+75E         24/07/2005 SOIL         525150.5406         5498861.155 NAD 83 UTM ZONE 11N           SXL19 05+75W         24/07/2005 SOIL         524094.2458         5498640.398 NAD 83 UTM ZONE 11N           SXL19 06+00E         24/07/2005 SOIL         525170.1582         5498879.336 NAD 83 UTM ZONE 11N           SXL19 06+00W         24/07/2005 SOIL         525170.1582         5498879.336 NAD 83 UTM ZONE 11N           SXL19 06+25E         24/07/2005 SOIL         525189.8861         5498897.395 NAD 83 UTM ZONE 11N           SXL19 06+25W         24/07/2005 SOIL         525189.8861         5498897.395 NAD 83 UTM ZONE 11N           SXL19 06+25W         24/07/2005 SOIL         525209.8453         5498659.346 NAD 83 UTM ZONE 11N           SXL19 06+50E         24/07/2005 SOIL         525209.8453         5498915.199 NAD 83 UTM ZONE 11N           SXL19 06+50W         24/07/2005 SOIL         525229.6504         5498933.175 NAD 83 UTM ZONE 11N           SXL19 06+75E         24/07/2005 SOIL         52529.6504         5498933.175 NAD 83 UTM ZONE 11N           SXL19 07+00E         24/07/2005 SOIL         52529.6504         5498951.152 NAD 83 UTM ZONE 11N           SXL19 07+00E         24/07/2005 SOIL         525249.4555         5498951.152 NAD 83 UTM ZONE 11N           SXL19 07+00W         24/07/2005 SOIL         525299.703         549869.726 NAD						
SXL19 05+75W24/07/2005 SOIL524094.24585498640.398 NAD 83 UTM ZONE 11NSXL19 06+00E24/07/2005 SOIL525170.15825498879.336 NAD 83 UTM ZONE 11NSXL19 06+00W24/07/2005 SOIL524065.85735498651.311 NAD 83 UTM ZONE 11NSXL19 06+25E24/07/2005 SOIL525189.88615498897.395 NAD 83 UTM ZONE 11NSXL19 06+25W24/07/2005 SOIL52509.84535498659.346 NAD 83 UTM ZONE 11NSXL19 06+50E24/07/2005 SOIL525209.84535498915.199 NAD 83 UTM ZONE 11NSXL19 06+50E24/07/2005 SOIL525209.84535498915.199 NAD 83 UTM ZONE 11NSXL19 06+75E24/07/2005 SOIL525229.65045498666.651 NAD 83 UTM ZONE 11NSXL19 06+75W24/07/2005 SOIL525249.45555498933.175 NAD 83 UTM ZONE 11NSXL19 07+00E24/07/2005 SOIL525249.45555498951.152 NAD 83 UTM ZONE 11NSXL19 07+00E24/07/2005 SOIL5252970.37645498629.726 NAD 83 UTM ZONE 11NSXL19 07+25E24/07/2005 SOIL525295.63075498969.117 NAD 83 UTM ZONE 11NSXL19 07+25W24/07/2005 SOIL525295.63075498603.157 NAD 83 UTM ZONE 11NSXL19 07+25W24/07/2005 SOIL523955.63075498603.157 NAD 83 UTM ZONE 11NSXL19 07+25W24/07/2005 SOIL523955.63075498989.544 NAD 83 UTM ZONE 11NSXL19 07+25E24/07/2005 SOIL523955.63075498895.544 NAD 83 UTM ZONE 11NSXL19 07+25W24/07/2005 SOIL525286.18455498989.544 NAD 83 UTM ZONE 11N						
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SXL19 06+25W24/07/2005 SOIL524036.46225498659.346 NAD 83 UTM ZONE 11NSXL19 06+50E24/07/2005 SOIL525209.84535498915.199 NAD 83 UTM ZONE 11NSXL19 06+50W24/07/2005 SOIL524006.88425498666.651 NAD 83 UTM ZONE 11NSXL19 06+75E24/07/2005 SOIL525229.65045498933.175 NAD 83 UTM ZONE 11NSXL19 06+75W24/07/2005 SOIL523983.10045498657.358 NAD 83 UTM ZONE 11NSXL19 06+75W24/07/2005 SOIL525249.45555498951.152 NAD 83 UTM ZONE 11NSXL19 07+00E24/07/2005 SOIL525249.45555498951.152 NAD 83 UTM ZONE 11NSXL19 07+25E24/07/2005 SOIL525269.27035498629.726 NAD 83 UTM ZONE 11NSXL19 07+25E24/07/2005 SOIL525269.27035498969.117 NAD 83 UTM ZONE 11NSXL19 07+25W24/07/2005 SOIL523975.63075498603.157 NAD 83 UTM ZONE 11NSXL19 07+25E24/07/2005 SOIL523955.63075498899.544 NAD 83 UTM ZONE 11NSXL19 07+50E24/07/2005 SOIL525286.18455498989.544 NAD 83 UTM ZONE 11N						
SXL19 06+50E24/07/2005 SOIL525209.84535498915.199 NAD 83 UTM ZONE 11NSXL19 06+50W24/07/2005 SOIL524006.88425498666.651 NAD 83 UTM ZONE 11NSXL19 06+75E24/07/2005 SOIL525229.65045498933.175 NAD 83 UTM ZONE 11NSXL19 06+75W24/07/2005 SOIL523983.10045498657.358 NAD 83 UTM ZONE 11NSXL19 07+00E24/07/2005 SOIL525249.45555498951.152 NAD 83 UTM ZONE 11NSXL19 07+00E24/07/2005 SOIL525249.45555498951.152 NAD 83 UTM ZONE 11NSXL19 07+00W24/07/2005 SOIL523970.37645498629.726 NAD 83 UTM ZONE 11NSXL19 07+25E24/07/2005 SOIL525269.27035498969.117 NAD 83 UTM ZONE 11NSXL19 07+25W24/07/2005 SOIL523955.63075498603.157 NAD 83 UTM ZONE 11NSXL19 07+50E24/07/2005 SOIL525286.18455498989.544 NAD 83 UTM ZONE 11N						
SXL19 06+50W         24/07/2005 SOIL         524006.8842         5498666.651 NAD 83 UTM ZONE 11N           SXL19 06+75E         24/07/2005 SOIL         525229.6504         5498933.175 NAD 83 UTM ZONE 11N           SXL19 06+75W         24/07/2005 SOIL         523983.1004         5498657.358 NAD 83 UTM ZONE 11N           SXL19 07+00E         24/07/2005 SOIL         525249.4555         5498951.152 NAD 83 UTM ZONE 11N           SXL19 07+00W         24/07/2005 SOIL         525249.4555         5498951.152 NAD 83 UTM ZONE 11N           SXL19 07+00W         24/07/2005 SOIL         523970.3764         5498629.726 NAD 83 UTM ZONE 11N           SXL19 07+25E         24/07/2005 SOIL         525269.2703         5498969.117 NAD 83 UTM ZONE 11N           SXL19 07+25W         24/07/2005 SOIL         523955.6307         5498603.157 NAD 83 UTM ZONE 11N           SXL19 07+50E         24/07/2005 SOIL         525286.1845         5498989.544 NAD 83 UTM ZONE 11N						
SXL19 06+75E24/07/2005 SOIL525229.65045498933.175 NAD 83 UTM ZONE 11NSXL19 06+75W24/07/2005 SOIL523983.10045498657.358 NAD 83 UTM ZONE 11NSXL19 07+00E24/07/2005 SOIL525249.45555498951.152 NAD 83 UTM ZONE 11NSXL19 07+00W24/07/2005 SOIL523970.37645498629.726 NAD 83 UTM ZONE 11NSXL19 07+25E24/07/2005 SOIL525269.27035498969.117 NAD 83 UTM ZONE 11NSXL19 07+25W24/07/2005 SOIL523955.63075498603.157 NAD 83 UTM ZONE 11NSXL19 07+50E24/07/2005 SOIL525286.18455498989.544 NAD 83 UTM ZONE 11N						
SXL19 06+75W         24/07/2005 SOIL         523983.1004         5498657.358 NAD 83 UTM ZONE 11N           SXL19 07+00E         24/07/2005 SOIL         525249.4555         5498951.152 NAD 83 UTM ZONE 11N           SXL19 07+00W         24/07/2005 SOIL         523970.3764         5498629.726 NAD 83 UTM ZONE 11N           SXL19 07+25E         24/07/2005 SOIL         525269.2703         5498969.117 NAD 83 UTM ZONE 11N           SXL19 07+25W         24/07/2005 SOIL         523955.6307         5498603.157 NAD 83 UTM ZONE 11N           SXL19 07+50E         24/07/2005 SOIL         525286.1845         5498989.544 NAD 83 UTM ZONE 11N						
SXL19 07+00E         24/07/2005 SOIL         525249.4555         5498951.152 NAD 83 UTM ZONE 11N           SXL19 07+00W         24/07/2005 SOIL         523970.3764         5498629.726 NAD 83 UTM ZONE 11N           SXL19 07+25E         24/07/2005 SOIL         525269.2703         5498969.117 NAD 83 UTM ZONE 11N           SXL19 07+25W         24/07/2005 SOIL         523955.6307         5498603.157 NAD 83 UTM ZONE 11N           SXL19 07+50E         24/07/2005 SOIL         525286.1845         5498989.544 NAD 83 UTM ZONE 11N						
SXL19 07+25E         24/07/2005 SOIL         525269.2703         5498969.117 NAD 83 UTM ZONE 11N           SXL19 07+25W         24/07/2005 SOIL         523955.6307         5498603.157 NAD 83 UTM ZONE 11N           SXL19 07+50E         24/07/2005 SOIL         525286.1845         5498989.544 NAD 83 UTM ZONE 11N						
SXL19 07+25W         24/07/2005 SOIL         523955.6307         5498603.157 NAD 83 UTM ZONE 11N           SXL19 07+50E         24/07/2005 SOIL         525286.1845         5498989.544 NAD 83 UTM ZONE 11N	SXL19 07+00W	24/07/2005	SOIL	523970.3764		
SXL19 07+50E 24/07/2005 SOIL 525286.1845 5498989.544 NAD 83 UTM ZONE 11N	SXL19 07+25E	24/07/2005	SOIL	525269.2703		
SXL19 07+50W         24/07/2005 SOIL         523937.9702         5498578.323 NAD 83 UTM ZONE 11N						
	SXL19 07+50W	24/07/2005	SOIL	523937.9702	5498578.323	NAD 83 UTM ZONE 11N

SAMPLE NUMBER	DATE	SAMPLE TYPE	UTM X	UTM Y	UTM ZONE
SXL19 07+75E	24/07/2005 S		525297.4249		NAD 83 UTM ZONE 11N
SXL19 07+75W	24/07/2005 S	OIL	523920.5357	5498553.327	NAD 83 UTM ZONE 11N
SXL19 08+00E	24/07/2005 S		525306.491		NAD 83 UTM ZONE 11N
SXL19 08+00W	24/07/2005 S		523898.9578		NAD 83 UTM ZONE 11N
SXL19 08+25E	24/07/2005 S		525315.5572		NAD 83 UTM ZONE 11N
SXL19 08+25W	24/07/2005 S		523872.6908		NAD 83 UTM ZONE 11N
SXL19 08+50E	24/07/2005 S		525325.246		NAD 83 UTM ZONE 11N
SXL19 08+50W	24/07/2005 S		523846		NAD 83 UTM ZONE 11N
SXL19 08+75E	24/07/2005 S		525335		NAD 83 UTM ZONE 11N
SXL20 00+50E	25/07/2005 S		524255.8464		NAD 83 UTM ZONE 11N
SXL20 00+50W SXL20 01+00E	24/07/2005 S		524179.625		NAD 83 UTM ZONE 11N
SXL20 01+00E SXL20 01+00W	25/07/2005 S 24/07/2005 S		524304.2468 524134.0403		NAD 83 UTM ZONE 11N NAD 83 UTM ZONE 11N
SXL20 01+00W SXL20 01+50E	25/07/2005 S		524329.9282		NAD 83 UTM ZONE 11N
SXL20 01+50E	24/07/2005 S		524089.6576		NAD 83 UTM ZONE 11N
SXL20 01+30W SXL20 02+00E	25/07/2005 S		524362.4937		NAD 83 UTM ZONE 11N
SXL20 02+00L	24/07/2005 S		524046.9998		NAD 83 UTM ZONE 11N
SXL20 02+50E	25/07/2005 S		524409.4225		NAD 83 UTM ZONE 11N
SXL20 02+50W	24/07/2005 S		524006.5304		NAD 83 UTM ZONE 11N
SXL20 03+00E	25/07/2005 S		524449.6107		NAD 83 UTM ZONE 11N
SXL20 03+00W	24/07/2005 S		523972.9787	5498232.17	NAD 83 UTM ZONE 11N
SXL20 03+50E	25/07/2005 S	OIL	524475.0359	5498426.997	NAD 83 UTM ZONE 11N
SXL20 03+50W	24/07/2005 S	OIL	523927.8336	5498239.019	NAD 83 UTM ZONE 11N
SXL20 04+00E	25/07/2005 S		524512.0955	5498386.8	NAD 83 UTM ZONE 11N
SXL20 04+00W	24/07/2005 S		523899.0479		NAD 83 UTM ZONE 11N
SXL20 04+50E	25/07/2005 S		524550.2055		NAD 83 UTM ZONE 11N
SXL20 04+50W	24/07/2005 S		523860.8964		NAD 83 UTM ZONE 11N
SXL20 05+00E	25/07/2005 S		524599.7452		NAD 83 UTM ZONE 11N
SXL20 05+00W	24/07/2005 S		523817.5262		NAD 83 UTM ZONE 11N
SXL20 05+50E	25/07/2005 S		524648.5062		NAD 83 UTM ZONE 11N
SXL20 05+50W SXL20 06+00E	24/07/2005 S 25/07/2005 S		523780.4733 524687.9838		NAD 83 UTM ZONE 11N NAD 83 UTM ZONE 11N
SXL20 06+00E SXL20 06+00W	25/07/2005 S		523741.1369		NAD 83 UTM ZONE 11N
SXL20 00+00W	25/07/2005 S		524722.1057		NAD 83 UTM ZONE 11N
SXL20 06+50W	24/07/2005 S		523706.7757		NAD 83 UTM ZONE 11N
SXL20 00+00W	25/07/2005 S		524753.3391		NAD 83 UTM ZONE 11N
SXL20 07+00W	24/07/2005 S		523673.0021		NAD 83 UTM ZONE 11N
SXL20 07+50E	25/07/2005 S		524800.1109		NAD 83 UTM ZONE 11N
SXL20 07+50W	24/07/2005 S		523638.0204		NAD 83 UTM ZONE 11N
SXL20 08+00E	25/07/2005 S	OIL	524854.5884	5498527.614	NAD 83 UTM ZONE 11N
SXL20 08+00W	24/07/2005 S	OIL	523605.0277	5498387.98	NAD 83 UTM ZONE 11N
SXL20 08+50E	25/07/2005 S	OIL	524907.1368		NAD 83 UTM ZONE 11N
SXL20 08+50W	24/07/2005 S		523565.8876		NAD 83 UTM ZONE 11N
SXL20 09+00E	25/07/2005 S		524960.3155		NAD 83 UTM ZONE 11N
SXL20 09+00W	24/07/2005 S		523540.6422		NAD 83 UTM ZONE 11N
SXL20 09+50E	25/07/2005 S		525015.0067		NAD 83 UTM ZONE 11N
SXL20 09+50W	24/07/2005 S		523509.7225 525068.3074		NAD 83 UTM ZONE 11N
SXL20 10+00E SXL20 10+00W	25/07/2005 S 24/07/2005 S		523494.229		NAD 83 UTM ZONE 11N NAD 83 UTM ZONE 11N
SXL20 10+00W SXL20 10+50E	25/07/2005 S		525120.9878		NAD 83 UTM ZONE 11N
SXL20 10+50L	24/07/2005 S		523485.4322		NAD 83 UTM ZONE 11N
SXL20 10100W	25/07/2005 S		525162.4474		NAD 83 UTM ZONE 11N
SXL20 11+00W	24/07/2005 S		523468.5941		NAD 83 UTM ZONE 11N
SXL20 11+50E	25/07/2005 S		525198.8814		NAD 83 UTM ZONE 11N
SXL20 11+50W	24/07/2005 S		523438.6834		NAD 83 UTM ZONE 11N
SXL20 12+00E	25/07/2005 S		525249.237		NAD 83 UTM ZONE 11N
SXL20 12+00W	24/07/2005 S		523433.3389		NAD 83 UTM ZONE 11N
SXL20 12+50E	25/07/2005 S	OIL	525292.3107		NAD 83 UTM ZONE 11N
SXL20 12+50W	24/07/2005 S		523398.818		NAD 83 UTM ZONE 11N
SXL20 13+00E	25/07/2005 S		525312.8569		NAD 83 UTM ZONE 11N
SXL20 13+00W	24/07/2005 S		523354.5392		NAD 83 UTM ZONE 11N
SXL20 13+50E	25/07/2005 S		525327.8357		NAD 83 UTM ZONE 11N
SXL20 13+50W	24/07/2005 S	UIL	523310.2604	5498667.713	NAD 83 UTM ZONE 11N

SAMPLE NUMBER	DATE	SAMPLE TYPE	UTM X	UTM Y	UTM ZONE
SXL20 14+00E	25/07/2005		525338.2822		NAD 83 UTM ZONE 11N
SXL20 14+00W	24/07/2005	SOIL	523277.5475	5498648.959	NAD 83 UTM ZONE 11N
SXL20 14+50E	25/07/2005	SOIL	525354.7151	5498810.961	NAD 83 UTM ZONE 11N
SXL20 14+50W	24/07/2005		523316.7583		NAD 83 UTM ZONE 11N
SXL20 15+00E	25/07/2005		525382.603		NAD 83 UTM ZONE 11N
SXL20 15+00W	24/07/2005		523323.9151		NAD 83 UTM ZONE 11N
SXL20 15+50E	25/07/2005		525417.6949		NAD 83 UTM ZONE 11N
SXL20 15+50W	24/07/2005		523304.0755		NAD 83 UTM ZONE 11N
SXL20 16+00E	25/07/2005		525450.4771		NAD 83 UTM ZONE 11N
SXL20 16+00W	24/07/2005		523282.9658		NAD 83 UTM ZONE 11N
SXL20 16+50E	25/07/2005		525469.6291		NAD 83 UTM ZONE 11N
SXL20 16+50W	24/07/2005		523292.627		NAD 83 UTM ZONE 11N
SXL20 17+00E	25/07/2005		525503.7189		NAD 83 UTM ZONE 11N
SXL20 17+00W	24/07/2005		523275.5842		NAD 83 UTM ZONE 11N
SXL20 17+50E	25/07/2005		525536.1871		NAD 83 UTM ZONE 11N
SXL20 17+50W	24/07/2005		523238.0247		NAD 83 UTM ZONE 11N
SXL20 18+00E	25/07/2005		525565.1902 523199.131		NAD 83 UTM ZONE 11N
SXL20 18+00W SXL20 18+50E	24/07/2005 25/07/2005		525595.9304		NAD 83 UTM ZONE 11N
SXL20 18+50E SXL20 18+50W	24/07/2005		523161.6133		NAD 83 UTM ZONE 11N NAD 83 UTM ZONE 11N
SXL20 18+50W SXL20 19+00E	25/07/2005		525161.6133		NAD 83 UTM ZONE 11N
SXL20 19+00E SXL20 19+00W	24/07/2005		523123.4858		NAD 83 UTM ZONE 11N
SXL20 19+00W	24/07/2005		523084.2232		NAD 83 UTM ZONE 11N
SXL20 19+50W	24/07/2005		523043		NAD 83 UTM ZONE 11N
SXL20 20+0000 SXL21 00+00	25/07/2005		523575		NAD 83 UTM ZONE 11N
SXL21 00+50W	25/07/2005		523559.4127		NAD 83 UTM ZONE 11N
SXL21 00+00W	25/07/2005		523518.3215		NAD 83 UTM ZONE 11N
SXL21 01+50W	25/07/2005		523479.6049		NAD 83 UTM ZONE 11N
SXL21 02+00W	25/07/2005		523446.2927		NAD 83 UTM ZONE 11N
SXL21 02+50W	25/07/2005		523409.682		NAD 83 UTM ZONE 11N
SXL21 03+00W	25/07/2005		523362.3439		NAD 83 UTM ZONE 11N
SXL21 03+50W	25/07/2005		523321.848		NAD 83 UTM ZONE 11N
SXL21 04+00W	25/07/2005		523282.958		NAD 83 UTM ZONE 11N
SXL21 04+50W	25/07/2005	SOIL	523239.5857	5498222.481	NAD 83 UTM ZONE 11N
SXL21 05+00W	25/07/2005	SOIL	523206.2494	5498186.502	NAD 83 UTM ZONE 11N
SXL21 05+50W	25/07/2005	SOIL	523189.5395		NAD 83 UTM ZONE 11N
SXL22 00+00	20/07/2005	SOIL	524229	5497393	NAD 83 UTM ZONE 11N
SXL22 00+50E	20/07/2005	SOIL	524248.0184	5497343.219	NAD 83 UTM ZONE 11N
SXL22 01+00E	20/07/2005		524273.9811		NAD 83 UTM ZONE 11N
SXL22 01+50E	20/07/2005		524302.8487		NAD 83 UTM ZONE 11N
SXL22 02+00E	20/07/2005		524338.3038		NAD 83 UTM ZONE 11N
SXL22 02+50E	20/07/2005		524382.5889		NAD 83 UTM ZONE 11N
SXL22 03+00E	20/07/2005		524427.2005		NAD 83 UTM ZONE 11N
SXL22 03+50E	20/07/2005		524469.0318		NAD 83 UTM ZONE 11N
SXL22 04+00E	20/07/2005		524509.0942		NAD 83 UTM ZONE 11N
SXL22 04+50E	20/07/2005		524521.2678		NAD 83 UTM ZONE 11N
SXL22 05+00E	20/07/2005		524517.9058		NAD 83 UTM ZONE 11N
SXL22 05+50E	20/07/2005		524500.8279		NAD 83 UTM ZONE 11N NAD 83 UTM ZONE 11N
SXL22 06+00E SXL22 06+50E	20/07/2005		524479.4096		NAD 83 UTM ZONE 11N
SXL22 00+50E SXL22 07+00E	20/07/2005		524451.8019 524432.0794		NAD 83 UTM ZONE 11N
SXL22 07+00E SXL22 07+50E	20/07/2005		524436.8869		NAD 83 UTM ZONE 11N
SXL22 07+50E SXL22 08+00E	20/07/2005		524442.7981		NAD 83 UTM ZONE 11N
SXL22 00+00E	21/07/2005		524466.4348		NAD 83 UTM ZONE 11N
SXL22 08+50E	21/07/2005		524519.6337		NAD 83 UTM ZONE 11N
SXL22 09+50E	21/07/2005		524568.5706		NAD 83 UTM ZONE 11N
SXL22 09+30E	21/07/2005		524593.7419		NAD 83 UTM ZONE 11N
SXL22 10+50E	21/07/2005		524610.8006		NAD 83 UTM ZONE 11N
SXL22 10+00E	21/07/2005		524624.161		NAD 83 UTM ZONE 11N
SXL22 11+50E	21/07/2005		524638.4937		NAD 83 UTM ZONE 11N
SXL22 12+00E	21/07/2005		524649.0933		NAD 83 UTM ZONE 11N
SXL22 12+50E	21/07/2005		524664.5906		NAD 83 UTM ZONE 11N
SXL22 13+00E	21/07/2005		524687.2695		NAD 83 UTM ZONE 11N
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SAMPLE NUMBER	DATE SAMPLI	E TYPE UTM X	UTM Y	UTM ZONE
SXL22 13+50E	21/07/2005 SOIL	524726.0411	5497049.042	NAD 83 UTM ZONE 11N
SXL22 14+00E	21/07/2005 SOIL	524753.7828	5497094.449	NAD 83 UTM ZONE 11N
SXL22 14+50E	21/07/2005 SOIL	524791.9591	5497128.652	NAD 83 UTM ZONE 11N
SXL22 15+00E	21/07/2005 SOIL	524842.711	5497145.556	NAD 83 UTM ZONE 11N
SXL22 15+50E	21/07/2005 SOIL	524895.126	5497147.754	NAD 83 UTM ZONE 11N
SXL22 16+00E	21/07/2005 SOIL	524926.9808	5497117.329	NAD 83 UTM ZONE 11N
SXL22 16+50E	21/07/2005 SOIL	524967.093		NAD 83 UTM ZONE 11N
SXL22 17+00E	21/07/2005 SOIL	525018.865		NAD 83 UTM ZONE 11N
SXL22 17+50E	21/07/2005 SOIL	525058.6364		NAD 83 UTM ZONE 11N
SXL22 18+00E	21/07/2005 SOIL	525099.9392		NAD 83 UTM ZONE 11N
SXL22 18+50E	21/07/2005 SOIL	525139.6539		NAD 83 UTM ZONE 11N
SXL22 19+00E	21/07/2005 SOIL	525155.4316		NAD 83 UTM ZONE 11N
SXL22 19+50E	21/07/2005 SOIL	525174.9168		NAD 83 UTM ZONE 11N
SXL22 20+00E	21/07/2005 SOIL	525198.675		NAD 83 UTM ZONE 11N
SXL22 20+50E	21/07/2005 SOIL	525223.2573		NAD 83 UTM ZONE 11N
SXL22 21+00E	21/07/2005 SOIL	525256.1636		NAD 83 UTM ZONE 11N
SXL22 21+50E	21/07/2005 SOIL	525304.792		NAD 83 UTM ZONE 11N
SXL22 22+00E	21/07/2005 SOIL	525355.0178		NAD 83 UTM ZONE 11N
SXL22 22+50E	21/07/2005 SOIL	525400.0128		NAD 83 UTM ZONE 11N
SXL22 23+00E	21/07/2005 SOIL	525433.6144		NAD 83 UTM ZONE 11N
SXL22 23+50E	21/07/2005 SOIL	525453.0531		NAD 83 UTM ZONE 11N
SXL22 24+00E	21/07/2005 SOIL	525466.7546		NAD 83 UTM ZONE 11N
SXL22 24+50E	21/07/2005 SOIL	525476.1274		NAD 83 UTM ZONE 11N
SXL22 25+00E	21/07/2005 SOIL	525502		NAD 83 UTM ZONE 11N
SXL23 00+00	20/07/2005 SOIL	523701		NAD 83 UTM ZONE 11N
SXL23 00+25E	20/07/2005 SOIL	523723.5798		NAD 83 UTM ZONE 11N
SXL23 00+25W	20/07/2005 SOIL	523699.2348		NAD 83 UTM ZONE 11N
SXL23 00+50E SXL23 00+50W	20/07/2005 SOIL	523740.9389 523696.9441		NAD 83 UTM ZONE 11N
SXL23 00+50W SXL23 00+75E	20/07/2005 SOIL 20/07/2005 SOIL	523696.9441		NAD 83 UTM ZONE 11N NAD 83 UTM ZONE 11N
SXL23 00+75E SXL23 00+75W	20/07/2005 SOIL	523694.4638		NAD 83 UTM ZONE 11N
SXL23 00+75W SXL23 01+00E	20/07/2005 SOIL	523094.4030		NAD 83 UTM ZONE 11N
SXL23 01+00E	20/07/2005 SOIL	523696.6108		NAD 83 UTM ZONE 11N
SXL23 01+00W	20/07/2005 SOIL	523787.433		NAD 83 UTM ZONE 11N
SXL23 01+25U	20/07/2005 SOIL	523707.3282		NAD 83 UTM ZONE 11N
SXL23 01+20W	20/07/2005 SOIL	523797.4512		NAD 83 UTM ZONE 11N
SXL23 01+50U	20/07/2005 SOIL	523709.1191		NAD 83 UTM ZONE 11N
SXL23 01+36W	20/07/2005 SOIL	523806.869		NAD 83 UTM ZONE 11N
SXL23 01+75W	20/07/2005 SOIL	523709.7999		NAD 83 UTM ZONE 11N
SXL23 02+00E	20/07/2005 SOIL	523818.516		NAD 83 UTM ZONE 11N
SXL23 02+00W	20/07/2005 SOIL	523710.7455		NAD 83 UTM ZONE 11N
SXL23 02+25E	20/07/2005 SOIL	523841.6684		NAD 83 UTM ZONE 11N
SXL23 02+25W	20/07/2005 SOIL	523714.0583		NAD 83 UTM ZONE 11N
SXL23 02+50E	20/07/2005 SOIL	523864.8207		NAD 83 UTM ZONE 11N
SXL23 02+50W	20/07/2005 SOIL	523713.019		NAD 83 UTM ZONE 11N
SXL23 02+75E	20/07/2005 SOIL	523888.0907		NAD 83 UTM ZONE 11N
SXL23 02+75W	20/07/2005 SOIL	523700.7173	5496549.2	NAD 83 UTM ZONE 11N
SXL23 03+00E	20/07/2005 SOIL	523911.1008	5496914.667	NAD 83 UTM ZONE 11N
SXL23 03+00W	20/07/2005 SOIL	523679.7522	5496537.898	NAD 83 UTM ZONE 11N
SXL23 03+25E	20/07/2005 SOIL	523933.395	5496907.736	NAD 83 UTM ZONE 11N
SXL23 03+25W	20/07/2005 SOIL	523657.5911	5496529.251	NAD 83 UTM ZONE 11N
SXL23 03+50E	20/07/2005 SOIL	523955.6438		NAD 83 UTM ZONE 11N
SXL23 03+50W	20/07/2005 SOIL	523634.6659		NAD 83 UTM ZONE 11N
SXL23 03+75E	20/07/2005 SOIL	523977.0785		NAD 83 UTM ZONE 11N
SXL23 03+75W	20/07/2005 SOIL	523613.0465		NAD 83 UTM ZONE 11N
SXL23 04+00E	20/07/2005 SOIL	523990.503		NAD 83 UTM ZONE 11N
SXL23 04+00W	20/07/2005 SOIL	523592.1787		NAD 83 UTM ZONE 11N
SXL23 04+25E	20/07/2005 SOIL	524004.3269		NAD 83 UTM ZONE 11N
SXL23 04+25W	20/07/2005 SOIL	523572.9108		NAD 83 UTM ZONE 11N
SXL23 04+50E	20/07/2005 SOIL	524018.2757		NAD 83 UTM ZONE 11N
SXL23 04+50W	20/07/2005 SOIL	523563.2537		NAD 83 UTM ZONE 11N
SXL23 04+75E	20/07/2005 SOIL	524029.7486		NAD 83 UTM ZONE 11N
SXL23 04+75W	20/07/2005 SOIL	523554.527	5496610.193	NAD 83 UTM ZONE 11N

SAMPLE NUMBER	DATE	SAMPLE TYPE	UTM X	UTM Y	UTM ZONE
SXL23 05+00E	20/07/2005		524038.4641		NAD 83 UTM ZONE 11N
SXL23 05+00W	20/07/2005	SOIL	523545.7763	5496632.371	NAD 83 UTM ZONE 11N
SXL23 05+25E	20/07/2005	SOIL	524046.9523	5497018.844	NAD 83 UTM ZONE 11N
SXL23 05+25W	20/07/2005	SOIL	523535.6806	5496653.97	NAD 83 UTM ZONE 11N
SXL23 05+50E	20/07/2005	SOIL	524059.2539	5497038.568	NAD 83 UTM ZONE 11N
SXL23 05+50W	20/07/2005	SOIL	523526.1285	5496675.81	NAD 83 UTM ZONE 11N
SXL23 05+75E	20/07/2005	SOIL	524074.9937	5497055.813	NAD 83 UTM ZONE 11N
SXL23 05+75W	20/07/2005	SOIL	523515.7944	5496697.22	NAD 83 UTM ZONE 11N
SXL23 06+00E	20/07/2005	SOIL	524090.0357	5497073.599	NAD 83 UTM ZONE 11N
SXL23 06+00W	20/07/2005		523498.6068		NAD 83 UTM ZONE 11N
SXL23 06+25E	20/07/2005		524098.3088		NAD 83 UTM ZONE 11N
SXL23 06+25W	20/07/2005		523478.083		NAD 83 UTM ZONE 11N
SXL23 06+50E	22/07/2005		524105.8519		NAD 83 UTM ZONE 11N
SXL23 06+50W	20/07/2005		523455.262		NAD 83 UTM ZONE 11N
SXL23 06+75E	22/07/2005		524120.6699		NAD 83 UTM ZONE 11N
SXL23 06+75W	20/07/2005		523432.4094		NAD 83 UTM ZONE 11N
SXL23 07+00E	22/07/2005		524137.3113		NAD 83 UTM ZONE 11N
SXL23 07+00W	20/07/2005		523421.8849		NAD 83 UTM ZONE 11N
SXL23 07+25E	22/07/2005		524157.161		NAD 83 UTM ZONE 11N
SXL23 07+25W	20/07/2005		523430.1339		NAD 83 UTM ZONE 11N
SXL23 07+50E	22/07/2005		524171.4858		NAD 83 UTM ZONE 11N
SXL23 07+50W	20/07/2005		523435.5263		NAD 83 UTM ZONE 11N
SXL23 07+75E SXL23 07+75W	22/07/2005 20/07/2005		524185.1046 523441.9842		NAD 83 UTM ZONE 11N NAD 83 UTM ZONE 11N
SXL23 07+75W SXL23 08+00E	22/07/2005		524198.2998		NAD 83 UTM ZONE 11N
SXL23 08+00E	20/07/2005		523444.5857		NAD 83 UTM ZONE 11N
SXL23 08+00W	22/07/2005		524211.2679		NAD 83 UTM ZONE 11N
SXL23 08+25U	20/07/2005		523443.5779		NAD 83 UTM ZONE 11N
SXL23 08+50E	22/07/2005		524224.5424		NAD 83 UTM ZONE 11N
SXL23 08+50W	20/07/2005		523442.6372		NAD 83 UTM ZONE 11N
SXL23 08+75E	22/07/2005		524237.8349		NAD 83 UTM ZONE 11N
SXL23 08+75W	20/07/2005		523439.0353		NAD 83 UTM ZONE 11N
SXL23 09+00E	22/07/2005		524248.1023		NAD 83 UTM ZONE 11N
SXL23 09+00W	20/07/2005		523431.1936		NAD 83 UTM ZONE 11N
SXL23 09+25E	22/07/2005		524259.0712		NAD 83 UTM ZONE 11N
SXL23 09+25W	20/07/2005	SOIL	523423.0359	5496959.854	NAD 83 UTM ZONE 11N
SXL23 09+50E	22/07/2005	SOIL	524271.1797	5496811.816	NAD 83 UTM ZONE 11N
SXL23 09+50W	20/07/2005	SOIL	523409.8425	5496978.806	NAD 83 UTM ZONE 11N
SXL23 09+75E	22/07/2005	SOIL	524284.6256	5496792.728	NAD 83 UTM ZONE 11N
SXL23 09+75W	20/07/2005		523389.9725		NAD 83 UTM ZONE 11N
SXL23 10+00E	22/07/2005		524295.9292		NAD 83 UTM ZONE 11N
SXL23 10+00W	20/07/2005		523369.9063		NAD 83 UTM ZONE 11N
SXL23 10+25E	22/07/2005		524304.6583		NAD 83 UTM ZONE 11N
SXL23 10+25W	21/07/2005		523349.8398		NAD 83 UTM ZONE 11N
SXL23 10+50E	22/07/2005		524310.8853		NAD 83 UTM ZONE 11N
SXL23 10+50W	21/07/2005		523329.1997		NAD 83 UTM ZONE 11N
SXL23 10+75E	22/07/2005		524312.6309		NAD 83 UTM ZONE 11N
SXL23 10+75W	21/07/2005		523308.067		NAD 83 UTM ZONE 11N NAD 83 UTM ZONE 11N
SXL23 11+00E	22/07/2005		524315.0621		NAD 83 UTM ZONE 11N
SXL23 11+00W SXL23 11+25E	21/07/2005		523288.0398 524317.4881		NAD 83 UTM ZONE 11N
SXL23 11+25E SXL23 11+25W	22/07/2005		523273.428		NAD 83 UTM ZONE 11N
SXL23 11+2500 SXL23 11+50E	22/07/2005		524319.9109		NAD 83 UTM ZONE 11N
SXL23 11+50E	21/07/2005		523269.3249		NAD 83 UTM ZONE 11N
SXL23 11+5000 SXL23 11+75E	22/07/2005		524322.5893		NAD 83 UTM ZONE 11N
SXL23 11+75L SXL23 11+75W	21/07/2005		523266.7333		NAD 83 UTM ZONE 11N
SXL23 12+00E	22/07/2005		524326.8321		NAD 83 UTM ZONE 11N
SXL23 12+00L SXL23 12+00W	21/07/2005		523265.8099		NAD 83 UTM ZONE 11N
SXL23 12+25E	22/07/2005		524339.8642		NAD 83 UTM ZONE 11N
SXL23 12+25W	21/07/2005		523273.2921		NAD 83 UTM ZONE 11N
SXL23 12+50E	22/07/2005		524355.0641		NAD 83 UTM ZONE 11N
SXL23 12+50W	21/07/2005		523282.7956		NAD 83 UTM ZONE 11N
SXL23 12+75E	22/07/2005		524372.0872		NAD 83 UTM ZONE 11N
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SAMPLE NUMBER	DATE S	SAMPLE TYPE	UTM X	UTM Y	UTM ZONE
SXL23 12+75W	21/07/2005 SC		523295.8114	5497206.114	NAD 83 UTM ZONE 11N
SXL23 13+00E	22/07/2005 SC	DIL	524393.6382	5496528.071	NAD 83 UTM ZONE 11N
SXL23 13+00W	21/07/2005 SC	DIL	523310.0941	5497225.204	NAD 83 UTM ZONE 11N
SXL23 13+25E	22/07/2005 SC	DIL	524416.5296	5496523.478	NAD 83 UTM ZONE 11N
SXL23 13+25W	21/07/2005 SC	DIL	523324.1138	5497244.484	NAD 83 UTM ZONE 11N
SXL23 13+50E	22/07/2005 SC	DIL	524439.5365		NAD 83 UTM ZONE 11N
SXL23 13+50W	21/07/2005 SC	DIL	523337.136	5497264.264	NAD 83 UTM ZONE 11N
SXL23 13+75E	22/07/2005 SC	DIL	524462.6266	5496516.068	NAD 83 UTM ZONE 11N
SXL23 13+75W	21/07/2005 SC	DIL	523346.3407	5497286.257	NAD 83 UTM ZONE 11N
SXL23 14+00E	22/07/2005 SC	DIL	524485.7374	5496512.748	NAD 83 UTM ZONE 11N
SXL23 14+00W	21/07/2005 SC	DIL	523355.771		NAD 83 UTM ZONE 11N
SXL23 14+25E	22/07/2005 SC	DIL	524508.8741	5496509.62	NAD 83 UTM ZONE 11N
SXL23 14+25W	21/07/2005 SC	DIL	523362.9659	5497330.707	NAD 83 UTM ZONE 11N
SXL23 14+50E	22/07/2005 SC	DIL	524532.0197	5496509.009	NAD 83 UTM ZONE 11N
SXL23 14+50W	21/07/2005 SC		523357.9657		NAD 83 UTM ZONE 11N
SXL23 14+75E	22/07/2005 SC		524554.528		NAD 83 UTM ZONE 11N
SXL23 14+75W	21/07/2005 SC	DIL	523346.8366	5497374.299	NAD 83 UTM ZONE 11N
SXL23 15+00E	22/07/2005 SC		524575.9915		NAD 83 UTM ZONE 11N
SXL23 15+00W	21/07/2005 SC		523350		NAD 83 UTM ZONE 11N
SXL23 15+25E	22/07/2005 SC		524597.3249		NAD 83 UTM ZONE 11N
SXL23 15+25W	21/07/2005 SC		523319.2954		NAD 83 UTM ZONE 11N
SXL23 15+50E	22/07/2005 SC		524618.55	5496543.317	NAD 83 UTM ZONE 11N
SXL23 15+50W	21/07/2005 SC	DIL	523301.1142	5497432.104	NAD 83 UTM ZONE 11N
SXL23 15+75E	22/07/2005 SC	DIL	524637.2433	5496557.19	NAD 83 UTM ZONE 11N
SXL23 15+75W	21/07/2005 SC	DIL	523283.8575	5497450.513	NAD 83 UTM ZONE 11N
SXL23 16+00E	22/07/2005 SC	DIL	524654.8319	5496572.545	NAD 83 UTM ZONE 11N
SXL23 16+00W	21/07/2005 SC	DIL	523272.0808	5497472.02	NAD 83 UTM ZONE 11N
SXL23 16+25E	22/07/2005 SC	DIL	524672.8475	5496587.39	NAD 83 UTM ZONE 11N
SXL23 16+25W	21/07/2005 SC	DIL	523266.2633	5497496.03	NAD 83 UTM ZONE 11N
SXL23 16+50E	22/07/2005 So	il	524687	5496604	NAD 83 UTM ZONE 11N
SXL23 16+50W	21/07/2005 SC	DIL	523243.2268	5497486.915	NAD 83 UTM ZONE 11N
SXL23 16+75E	22/07/2005 So	il	524703		NAD 83 UTM ZONE 11N
SXL23 16+75W	21/07/2005 SC	DIL	523218.6306		NAD 83 UTM ZONE 11N
SXL23 17+00E	21/07/2005 SC		524719		NAD 83 UTM ZONE 11N
SXL23 17+00W	21/07/2005 SC		523194.2169		NAD 83 UTM ZONE 11N
SXL23 17+25E	21/07/2005 SC		524739.3126		NAD 83 UTM ZONE 11N
SXL23 17+25W	21/07/2005 SC		523170.4012		NAD 83 UTM ZONE 11N
SXL23 17+50E	21/07/2005 SC	DIL	524762.8649	5496650.792	NAD 83 UTM ZONE 11N
SXL23 17+50W	21/07/2005 SC		523147.0552		NAD 83 UTM ZONE 11N
SXL23 17+75E	21/07/2005 SC		524786.66		NAD 83 UTM ZONE 11N
SXL23 17+75W	21/07/2005 SC		523123.7092		NAD 83 UTM ZONE 11N
SXL23 18+00E	21/07/2005 SC		524810.5533		NAD 83 UTM ZONE 11N
SXL23 18+00W	21/07/2005 SC		523100.5533		NAD 83 UTM ZONE 11N
SXL23 18+25E	21/07/2005 SC		524834.4803		NAD 83 UTM ZONE 11N
SXL23 18+25W	21/07/2005 SC		523076.6757		NAD 83 UTM ZONE 11N
SXL23 18+50E	21/07/2005 SC		524858.2266		NAD 83 UTM ZONE 11N
SXL23 18+50W	21/07/2005 SC		523052.7315		NAD 83 UTM ZONE 11N
SXL23 18+75E	21/07/2005 SC		524881.3644		NAD 83 UTM ZONE 11N
SXL23 18+75W	21/07/2005 SC		523029.9273		NAD 83 UTM ZONE 11N
SXL23 19+00E	21/07/2005 SC		524904.4098		NAD 83 UTM ZONE 11N
SXL23 19+00W	21/07/2005 SC		523011.3567		NAD 83 UTM ZONE 11N
SXL23 19+25E	21/07/2005 SC		524927.5081		NAD 83 UTM ZONE 11N
SXL23 19+25W	21/07/2005 SC		522994.1397		NAD 83 UTM ZONE 11N
SXL23 19+50E	21/07/2005 SC		524951.178		NAD 83 UTM ZONE 11N
SXL23 19+50W	21/07/2005 SC		522973.2918		NAD 83 UTM ZONE 11N
SXL23 19+75E	21/07/2005 SC		524975.0692		NAD 83 UTM ZONE 11N
SXL23 19+75W	21/07/2005 SC		522951.1928		NAD 83 UTM ZONE 11N
SXL23 20+00E	21/07/2005 SC		524998.8956		NAD 83 UTM ZONE 11N
SXL23 20+00W	21/07/2005 SC		522929.7527		NAD 83 UTM ZONE 11N
SXL23 20+25E	21/07/2005 SC		525021.4519		NAD 83 UTM ZONE 11N
SXL23 20+25W	21/07/2005 SC		522910.3526		NAD 83 UTM ZONE 11N
SXL23 20+50E	21/07/2005 SC		525043.4067		NAD 83 UTM ZONE 11N
SXL23 20+50W	21/07/2005 SC	л∟	522892.0658	549/303.39	NAD 83 UTM ZONE 11N

SAMPLE NUMBER	DATE	SAMPLE TYPE	UTM X	UTM Y	UTM ZONE
SXL23 20+75E	21/07/2005	SOIL	525065.5465	5496660.752	NAD 83 UTM ZONE 11N
SXL23 20+75W	21/07/2005	SOIL	522874.0296	5497285.729	NAD 83 UTM ZONE 11N
SXL23 21+00E	21/07/2005	SOIL	525078.7214	5496680.22	NAD 83 UTM ZONE 11N
SXL23 21+00W	21/07/2005	SOIL	522854.733	5497271.651	NAD 83 UTM ZONE 11N
SXL23 21+25E	21/07/2005	SOIL	525090.1575	5496701.023	NAD 83 UTM ZONE 11N
SXL23 21+25W	21/07/2005		522829.6949		NAD 83 UTM ZONE 11N
SXL23 21+50E	21/07/2005		525098.3591		NAD 83 UTM ZONE 11N
SXL23 21+50W	21/07/2005		522812.0945		NAD 83 UTM ZONE 11N
SXL23 21+75E	21/07/2005		525105.5383		NAD 83 UTM ZONE 11N
SXL23 21+75W	21/07/2005		522798.7489		NAD 83 UTM ZONE 11N
SXL23 22+00E	21/07/2005		525112.7175		NAD 83 UTM ZONE 11N
SXL23 22+00W	21/07/2005		522784.0281		NAD 83 UTM ZONE 11N
SXL23 22+25E	21/07/2005		525120.252		NAD 83 UTM ZONE 11N
SXL23 22+25W	21/07/2005		522769.6574		NAD 83 UTM ZONE 11N
SXL23 22+50E	21/07/2005		525131.5113		NAD 83 UTM ZONE 11N
SXL23 22+50W	21/07/2005		522755.5848		NAD 83 UTM ZONE 11N
SXL23 22+75E	21/07/2005		525146.592		NAD 83 UTM ZONE 11N
SXL23 22+75L	21/07/2005		522756.1329		NAD 83 UTM ZONE 11N
SXL23 22+75W SXL23 23+00E	21/07/2005		525161.5775		NAD 83 UTM ZONE 11N
SXL23 23+00E SXL23 23+00W	21/07/2005		522754.3211		NAD 83 UTM ZONE 11N
SXL23 23+0000 SXL23 23+25E	21/07/2005		525180.1284		NAD 83 UTM ZONE 11N
SXL23 23+25E SXL23 23+25W	21/07/2005		522748.7688		NAD 83 UTM ZONE 11N
SXL23 23+2500 SXL23 23+50E	21/07/2005		525202.3474		NAD 83 UTM ZONE 11N
SXL23 23+50E SXL23 23+50W	21/07/2005		522734.4022		NAD 83 UTM ZONE 11N
SXL23 23+5000 SXL23 23+75E	21/07/2005		525218.2811		NAD 83 UTM ZONE 11N
SXL23 23+75E SXL23 23+75W			522714.177		
	21/07/2005				NAD 83 UTM ZONE 11N
SXL23 24+00E	21/07/2005		525237.8358		NAD 83 UTM ZONE 11N
SXL23 24+00W	21/07/2005		522693.3999		NAD 83 UTM ZONE 11N
SXL23 24+25E	21/07/2005		525257.5993		NAD 83 UTM ZONE 11N
SXL23 24+25W	22/07/2005		522674.7927		NAD 83 UTM ZONE 11N
SXL23 24+50E	21/07/2005		525277.3415		NAD 83 UTM ZONE 11N
SXL23 24+50W	22/07/2005		522657.837		NAD 83 UTM ZONE 11N
SXL23 24+75E	21/07/2005		525296.2432		NAD 83 UTM ZONE 11N
SXL23 24+75W	22/07/2005		522641.4968		NAD 83 UTM ZONE 11N
SXL23 25+00E	21/07/2005		525313.3397		NAD 83 UTM ZONE 11N
SXL23 25+00W	22/07/2005		522624.8614		NAD 83 UTM ZONE 11N
SXL23 25+25E	21/07/2005		525330.2161		NAD 83 UTM ZONE 11N
SXL23 25+25W	22/07/2005		522603.2356		NAD 83 UTM ZONE 11N
SXL23 25+50E	21/07/2005		525345.4988		NAD 83 UTM ZONE 11N
SXL23 25+50W	22/07/2005		522580.9133		NAD 83 UTM ZONE 11N
SXL23 25+75E	21/07/2005		525358.2602		NAD 83 UTM ZONE 11N
SXL23 25+75W	22/07/2005		522558.6092		NAD 83 UTM ZONE 11N
SXL23 26+00E	21/07/2005		525370.4837		NAD 83 UTM ZONE 11N
SXL23 26+00W	22/07/2005		522536.5599		NAD 83 UTM ZONE 11N
SXL23 26+25E	21/07/2005		525378.1853		NAD 83 UTM ZONE 11N
SXL23 26+25W	22/07/2005		522513.1813		NAD 83 UTM ZONE 11N
SXL23 26+50E	21/07/2005		525384		NAD 83 UTM ZONE 11N
SXL23 26+50W	22/07/2005		522489.8026		NAD 83 UTM ZONE 11N
SXL23 26+75W	22/07/2005		522466.7889		NAD 83 UTM ZONE 11N
SXL23 27+00W	22/07/2005		522447.7743		NAD 83 UTM ZONE 11N
SXL23 27+25W	22/07/2005		522429.9179		NAD 83 UTM ZONE 11N
SXL23 27+50W	22/07/2005		522412.0615		NAD 83 UTM ZONE 11N
SXL23 27+75W	22/07/2005		522392.2501		NAD 83 UTM ZONE 11N
SXL23 28+00W	22/07/2005		522370.7298		NAD 83 UTM ZONE 11N
SXL23 28+25W	22/07/2005		522350.0562		NAD 83 UTM ZONE 11N
SXL23 28+50W	22/07/2005		522335.3294		NAD 83 UTM ZONE 11N
SXL23 28+75W	22/07/2005		522321.2236		NAD 83 UTM ZONE 11N
SXL23 29+00W	22/07/2005	SOIL	522307.1178		NAD 83 UTM ZONE 11N
SXL23 29+25W	22/07/2005	SOIL	522293.0121	5497826.131	NAD 83 UTM ZONE 11N
SXL23 29+50W	22/07/2005		522279	5497847	NAD 83 UTM ZONE 11N

#### **APPENDIX IV**

#### PHOTO PLATE

