PROJECT PRINIC

GEOCHEMICAL REPORT ON URANIUM IN STREAM SEDIMENTS FROM SOUTH CENTRAL BRITISH COLUMBIA

N.T.S. 82E, L, 92H, I

by:

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Summary

Stream sediment geochemical data for uranium on 7401 samples from 5430 mi² of south central British Columbia have been computer plotted on 1:50,000 scale maps. In addition regional and residual uranium maps have been plotted at a scale of 1:125,000.

The regional uranium pattern shows that there is a correlation with the acid plutonic rocks of the area. Marked regional anomalies occur over nearly every age of granitic rock, however the Jurassic-Cretaceous and Tertiary intrusions appear to be more uraniferous. Northeast U trends dominate in the Okanagan batholith and occur also in the Shorts Creek and Pennask batholiths. North-south positive trends are common in the Similkameen and Nicola batholiths; northwest trends occur over the Shorts Creek and Eagle batholiths and Summers Creek stock. Finally east-west trends are apparent in the Pennask and Okanagan batholiths. Triassic Nicola Group volcanics are related to areas regionally low in uranium and Eocene volcanic-sedimentary basins frequently fringe many of the regionally high U areas associated with the granitic rocks. Such areas should be considered very favourable for uranium prospecting as there has been a plentiful source of uranium originating from the granitic rocks.

A total of 135 residual U anomalies have been outlined and rated; 22 have been designated as 1st class, 43 as 2nd class and 70 as 3rd class anomalies.

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Staking has been recommended on available ground covering the 1st class anomalies. Initial follow-up work involving detail stream sediment, water, heavy minerals and rock sampling plus prospecting and geological mapping is recommended over the 1st and 2nd class anomalies.

Waters should be tested for pH and specific conductivity prior to shipping them to the laboratory for U analyses; all other sampled materials are to be analyzed geochemically for uranium.

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PROJECT PRINIC REPORT ON URANIUM IN STREAM SEDIMENTS FROM SOUTH CENTRAL BRITISH COLUMBIA (Canadian Oxy - E and B Joint Venture)

Introduction

In 1973 and 1974 Canadian Occidental Petroleum (CanOxy) Ltd., Minerals Division, carried out a regional stream sediment survey covering some 5430 mi² (14,063 km²) in south-central British Columbia. Initially a total of 7850 samples were taken and analyzed geochemically for Cu, Zn and Mo (Wallis et al)*.

This year a joint venture agreement was made between Canadian Oxy and E and B Explorations Limited to explore the area for uranium. As a result 7401 of the original samples were analyzed geochemically for uranium. These data have been computer processed and plotted. These results and their economic implications will be discussed in this report.

Location

The project area lies between latitudes 49⁰00' north and 50⁰40' north and longitudes 119⁰30' west and 102⁰05' west. It covers all or parts of N.T.S. sheets 82E and L, 92H and I (Figure 1).

*Wallis, R.H., Brummer, J.J. and Gleeson, C.F.(1978) Geological Implications of Regional Stream Sediment Geochemical Data from South-Central British Columbia, CIMM.Bull., May, 1978

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Access

In this region of British Columbia the network of roads generally follows the drainage system. The eastern limit of the project area is bounded by Highways 97 and 3A and Highways 5 and 1 giving access to the west and northern part of the area. A multitude of logging and mining roads provide access up many of the major rivers and streams.

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Climate and Vegetation

At low elevations the winters are mild with little snowfall, e.g. Penticton has a January mean average temperature of 0°C and a total winter snowfall of 40 cms. (15 inches): however, above 4000 feet (1200 meters) snow remains on the ground until early June. Summer temperatures in the valleys may rise to over 35°C, but snowfalls have been recorded in all months at Apex Mountain (elevation 7372 feet, 2211 meters).

Forest growth is dependent on aspect and elevation. The valleys have sparse tree cover due to lack of moisture, e.g. the mean annual precipitation at Penticton is 10 inches (25 cms.), and there are extensive grasslands about Nicola Lake. Similarly, many south-facing slopes are almost devoid of tree cover. The tree line is at an elevation of about 6000 feet (1800 meters).

Physiography

The project area includes two major components of the Canadian Cordillera, the Thompson Plateau and the Cascade Mountains. At the U.S. border the Thompson Plateau is virtually pinched out between the Okanagan Highlands and Cascade Mountains, but from the Similkameen valley northwards the plateau widens until it eventually occupies the entire width from the Okanagan to the Fraser valley, a distance of 80 miles (128 kms.).

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The Thompson Plateau consists of rolling uplands separated from each other by deep valleys; the elevation and ruggedness of the plateau increase to the south where the upland surface rises towards the mountains.

The Cascade Mountains, which make up the southwestern part of the project area, are grouped into three main ranges, the drainage of two of which, the Okanagan and the Hozameen, were sampled in this study. The greatest differential in elevation is between the Similkameen valley, 1200 feet (360 meters) above sea level and Snowy Mountain, 8507 feet (2552 meters) above sea level, a difference of 7300 feet (2190 meters). Ninety percent of the area is drained by three river systems, the Nicola, the Similkameen, and the Okanagan.

Glaciation

The entire Interior Plateau appears to have been covered by ice which moved onto it from both east and west; however, the major direction of ice transport was to the south. At its maximum development the ice overrode peaks as high as 8507 feet (2552 meters) on the northeast side of the Okanagan Range. The principal outlets for this ice were along the lower Similkameen valley and through gaps at the head of the Ashnola, Pasayten, and Similkameen Rivers.

During deglaciation the damming of these outlets and the slow melting of stagnant ice in the valleys caused the formation of a network of spillways which, coupled with the ice-dammed Fraser canyon to the west, caused the creation of numerous major lakes. Thus, varved silts and clays are conspicuous along the major valleys throughout the area and can be found to a height of almost 4000 feet (1200 meters) above present-day valleys.

Geology

Geological Survey of Canada and the British Columbia Department of Mines maps provide excellent geological coverage of the project area. A series of compilation maps were assembled in 1973 by Canadian Oxy for this project; these involved a total of 47 major units and 68 minor units. For this report the regional stratigraphy has been condensed into major groups of plutonic rocks and volcanic-sedimentary sequences (see Table 1 and Fig. 2). Table 1 lists the sequences of volcanic and sedimentary units found in the

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Generalized geology of south-central British Columbia

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GEOLOGICAL LEGEND FOR FIGURE 2



Tertlary Nicola Batholith



Tertiary sediments and volcanics



Cretaceous Kingsvale Group volcanics



Late Cretaceous Intrusions



Late Triassic and Jurassic intrusions



Late Triassic Nicola Group volcanics



"Cache Creek" Group volcanics

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Caption for Fig. 2 attached

Caption for Figure 2

A Wild Horse batholith 200 m.y. B Whiteman Creek stock C Shorts Creek batholith D Whiterocks Mountain stock E Pennask batholith F Brenda stock 176 m.y. G Quilchena stock H Nicola batholith 60 m.y. I Rey Lake stock 67 m.y. J Allison Lake pluton 200 m.y. K Mt.Lytton batholith 98 m.y. L Eagle batholith 143-104 m.y. M Lost Horse-Copper Mountain stocks 200-194 m.y. N Needle Peak Pluton 39 m.y. O Verde Creek pluton 100 m.y. P Hedley gabbro 190-170 m.y. Q Summers Creek stock 97 m.y. R Siwash Creek stock S Trout Creek stock T Valhalla pluton 133 m.y. U Okanagan batholith 183-141 m.y. V Similkameen batholith 170-149 m.y. W Kruger syenite 191-177 m.y. X Ollala stock 179 m.y. Y Oliver stock 144 m.y. Z Tulameen ultramafic 204-175 m.y. AA Guichon Creek batholith 198 m.y.

+ geological legend

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<u>Table 1</u>

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-	Period	Epoch	Intrusive Rocks	Layered Rocks
Table 1	Late Tertiary	Pliocene (2-10 m.y.)		Plateau basalts
		Oligocene (20-40 m.y.)	Needle Peak pluton (39 m.y.)	
	Early Tertiary	Late Eocene (40 m.y.)		Kamloops Group volcanics
		Middle Eocene	Coryell stocks (55 m.y.)	
		Early Eocene (55 m.y.)		Coldwater Formation sediments
		Early Eocene	Nicola batholith (60 m.y.) Rey Lake stock (67 m.y.)	
	Late & Early Cretaceous	(110-85 m.y.)		Kingsvale Group volcanics Spences Bridge Group volcanics Pasayten Group sediments Jackass Mountain Group sediments
	Late Cretaceous	(135-65 m.y.)	Otter Lake stocks Lightning Creek stock Trout Creek stock Siwash Creek stock Whiteman Creek stock Summers Creek stock (97 m.y.) Remmel batholith (in part) Valhalla pluton (133 m.y.) Mt. Lytton batholith (98 m.y.) Verde Creek pluton (100 m.y.) McBride Creek stock (post 80 m.y.) Whipsaw Creek porphyries (post 104 m.y.)	
	Late & Middle Jurassic	(140-160 m.y.)		Dewdney Creek Group - sediments Ladner Formation - sediments
	Late & Middle Jurassic	(175-140 m.y.)	Okanagan batholith (141-183 m.y.) Pennask batholith - Eagle batholith (104-143 m.y.) Similkameen batholith (149-170 m.y.) Shorts Creek batholith - Brenda stock (176 m.y.) Hedley stock (156 m.y.)	
	Late Triassic-Early Jurassic	(215-175 m.y.)		
	(a) Granodiorite Clan		Guichon Creek batholith (198 m.y.) Allison Lake pluton (200 m.y.) Wild Horse batholith (200 m.y.) Quilchena stock	
	(b) Ultramafic, Gabbro, Syenite Clan		Tulameen Complex (204-175 m.y.) Iron Mask batholith (176 m.y.) Lost Horse stocks (204-194 m.y.) Kruger alkali syenite (177-191 m.y.) Ollala alkali complex (179- m.y.) Hedley gabbro-diorite (170-190 m.y.)	
	Late Triassic	(205-210 m.y.)		Nicola Group volcanics
	Pennsylvanian-Permian	(330-250 m.y.)		"Cache Creek" & equivalents volcanics and sediments

project area and tabulates the numerous episodes of igneous activity which have a 200 m.y. time span. The names and age of the various intrusions are given in the caption to Fig. 2.

In the following discussion in which the regional stream sediment geochemistry is related to bedrock geology, only seven units in Table 1 are volumetrically important. These are:

- (7) Tertiary Nicola Batholith
- (6) Tertiary Sediments and volcanics
- (5) Cretaceous Kingsvale Group volcanics
- (4) Late Cretaceous intrusions
- (3) Late Triassic and Jurassic intrusions
- (2) Late Triassic Nicola Group volcanics
- (1) "Cache Creek" Group volcanics

The only rocks which are seriously deformed and metamorphosed are the pre-Upper Triassic "Cache Creek" rocks. Triassic Nicola rocks are only strongly deformed and metamorphosed at the batholitic margins, e.g. along the contact with the Eagle batholith, west of the Brenda stock, and in the Hedley area between the Similkameen and Okanagan batholiths. Elsewhere, the Nicola is gently folded and cut up into fault-bounded blocks. Later volcanic-sedimentary sequences are only slightly deformed except where involved in major faults, e.g. the Chuwanten or Pasayten Faults.

Much age data are now available on the plutonic rocks of the area (Figure 2). These together with crosscutting and intrusive relationships have elucidated overall

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intrusive sequence as documented in Table 1. The only major undated intrusion in the area is the batholith lying west of the northern part of Okanagan Lake, and this is assumed to be of similar age to the Okanagan batholith to the south.

The naming of the plutonic units is fraught with controversy. We have tried to retain the most common usage, and only in the case of the "Shorts Creek" batholith have we invoked a new and informal name.

Excellent descriptions of the rock types can be found in the various publications by the Geological Survey of Canada and the British Columbia Department of Mines given in the reference list. The salient points are included in Table 1.

Mineral Deposits

The area contains two active mines, Brenda and Copper Mountain-Ingerbelle (Figure 3) as well as former gold mines near Hedley and many mineral occurrences.

The Brenda is a porphyry Cu-Mo deposit within a Jurassic granodiorite stock with reserves of 180 million tons grading 0.18% Cu and 0.05% Mo. The porphyry copper deposits at Copper Mountain occur in a roof pendant of late Triassic Nicola volcanics which is bounded by Copper Mountain (Early Jurassic) diorite syenite intrusions. The Ingerbelle deposit contains 76 million tons of 0.50% Cu and Copper Mountain has 35 million tons of 1.08% Cu.

Near Hedley, gold was mined from 1904 to the early 1960s. The deposits occurred in skarnified Triassic sediments which have been intruded by Jurassic diorite and gabbro.

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FIG. 3

Location of project area, including location of known mines and deposits and their contained equivalent copper content

Caption to Accompany Fig. 3

		Size(mi)	llion t	ons)	
		(Tonnage	e Mined	&	Contained equivalent
		Reserves	s *)		copper content (tons)
No.	Property Name	M.tons	8Cu	%Mo	1 1b.Mo=4.54 lbs.Cu.
					Equivalent
1)	Canam(Giant Copper)	8	0.61	-	48,800 tons
2)	Ingerbelle	76	0.50		378,000
3)	Copper Mountain	35	1.08	-	378,000
4)	Axe(Adonis)	50	0.45	0.012	257,000
5)	Brenda	180	0.184	0.05	742,480
6)	Primer(Pyramid)	23	0.2	-	46,000
7)	Craigmont	31	1.5	-	469,176
8)	Lytton	5	0.62		31,000
9)	Ann	48	0.27		129,000
.0)	Highmont	150	0.51	equivalent	765,000
1)	Lornex	465	0.41	0.014	2,183,856
2)	Alwin(O.K.)	1.1	2.33	-	25,630
3)	Valley Copper	850	0.48	-	4,080,000
4)	Bethlehem	115	0.97		542,248
5)	J.A.	286	0.43	0.017	1,453,439
6)	South Seas	17	0.35	-	59,00 0
7)	Krain	14	0.56		90,000
ור	Minex	36	0.2	-	72,000
1.	Afton	34	1.0		340,000
0)	Ajax	10	0.8		80,000
1)	Galaxy	6	0.58	-	34,000
2)	Rainbow	20	0.55	-	110,000
3)	Magg ie	20 0	0.4	equivalent	800,000
4)	Ash-Nola	20	0.15	-	30,000
5)	Whipsaw	100	0.21		210,000

*Reserves at Dec. 31st, 1975, or latest available from published reports. Large filled triangles equal greater than 1,000,000 tons contained equivalent copper content (c.e.c.c.)

Medium filled triangles equal 500,000-1,000,000 tons c.e.c.c. Small filled triangles equal 100,000-500,000 tons c.e.c.c. Small open triangles equal less than 100,000 tons c.e.c.c.

c.e.c.c. = contained equivalent copper content

There are no known U deposits in the project area. However, 12-15 miles southeast of Kelowna, near Hydraulic Lake, uranium deposits have been found at the base of Tertiary sedimentary basins capped by Eocene volcanics. The most promising deposit found to date appears to be on the Blizzard property located some 15 miles southeast of Hydraulic Lake, it reportedly contains 1.8 million tons grading 5.5 lbs. U_3O_8 per ton.

Models of uranium emplacement for the project area include the following:

Deuteric granites - intragranitic veins Deuteric granites - veins in contact aureoles (or roof pendant related) Deuteric granites - skarns - tactites Tertiary and Cretaceous volcanics on granitoids unconformity related. Tertiary fluviatile sediments - leaching from granitoids Granitoids, low grade - high tonnage, porphyry uranium type. Dykes, high background uranium Faults, deep leaching of fertile granitoids

Geochemical Survey

Field Procedure

In the ideal case sediment samples were collected from the centre of active streams but because of the arid climate many samples were taken from dry gullies or stream beds. A sample density of 1.4 per square mile (0.6 per sq. km.)

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was partly determined by the logistics of working in a heavily forested area which necessitated foot traversing of almost all the streams. The best cost-time effective compromise was found to occur with a sampling interval of half a mile (0.8 km.) at which the ratio of time spent walking to sampling was 4:1.

When the helicopter was used, samplers were taken to their respective streams; the Party Chief then spent the remainder of the day "chopper hopping" above the tree line. Production was as follows: 8 samples per man/day from truck; 15 samples per man/day from helicopter; "chopper hopping", 26 samples per hour.

Samples were placed in pre-numbered Kraft envelopes, the sample number being also the station number. Stream and sample characteristics, together with N.T.S. co-ordinates and sample number, were entered on a sample card composed of an 80-character basis. The samples were air-dried and sieved to -80 mesh by Bondar-Clegg and Company Ltd. in Vancouver. All sample locations were plotted on 1:50,000 cronaflex topographic drainage maps provided by Surveys and Mapping Branch, Department of Energy, Mines and Resources, Ottawa. Copies of these maps accompany this report.

Laboratory Procedure

The samples were analyzed for U by Atomic Energy of Canada Ltd., Ottawa, using a neutron activitation delayed neutron counting technique. This method has the advantage of being non-destructive. However, it does record total uranium, that is, uranium bound in resistate minerals as

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as well as that present in more soluble forms.

Computer Procedure

The computation stages were carried out by Luciano Martin of C.A.S.E. (Computer Applications and Systems Engineering) of Toronto, using methods and programs which he has developed.

The data from the field cards and the analytical results were transferred to punched cards using an I.B.M. 29. The 1:50,000 scale field maps provided the positional data, the co-ordinates of all samples were digitized with an Instronics Gradicon and a Coradi co-ordinatograph. An independent origin was established on each 1:50,000 sheet and all positions on that sheet were related to it. An I.B.M. 370/168 computer was then employed to convert the digitized co-ordinates to standard U.T.M. values and merged with the corresponding field and analytical data.

The weighted, moving-average technique was then applied to separate the regional and residual components. This was accomplished as follows: At a given point on the map a search was made of all the samples enclosed by a circular window of radius 5 kms. (3.1 miles) centred at that point. The size of the search radius is determined by including a set minimum number of samples; if the search area fails to reach the minimum number the search radius at that point is increased. The computation positions were selected on a regular east-west, north-south grid lattice, spaced at 2.5 kms. (1.55 mile) in both directions. This

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2.5 km. (1.55 mile) interval allows a 50% overlap of search windows in both east-west and north-south directions. The size of the search window, and hence of the lattice spacing, is determined by a step by step iterative basis to reach the best compromise between regional clarity and local detail. The particular window size and lattice spacing chosen is unique to any particular stream sediment study and the most important control is exercised by areas with the least complete sampling compared to the overall sampling density and by the complexity of local geological detail.

A weighted average of the values in each search area is then computed, with a maximum weight being set for samples close to the centre. These weighted, moving-average values at each search area approximate to the regional component.

The difference, at any one sample point, between the laboratory measured value and this computer generated regional value is the residual value. Maps of the residual values plotted at the original sample point are an exploration guide to specific geochemical anomalies within a given regional area; these have been computer plotted on a 1:125,000 scale base map and combined with the moving (regional) average map.

The regional component values were then contoured and plotted out by a Calcomp 748 flatbed plotter and specially prepared 1:125,000 base maps. The contour intervals were empirically chosen after a thorough study of the statistics.

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No particular predetermined statistical parameter was used to choose contour intervals. The important criteria is the ability of the contours to illustrate metal distribution patterns; a compromise between clarity and clutter has to be accepted.

The measured values for U on 1:50,000 scale maps; the residual U values and contoured moving averages for U on 1:125,000 scale maps accompany this report. Background information on the regional distribution of Cu, Zn and Mo in this area can be found in the appended paper by Wallis et al. (1978)*

In addition to the above basic statistical parameters means and standard deviations were calculated and histograms and cumulative frequencies were calculated and plotted (Figure 4). A complete listing of computerized data can be found in the accompanying report from C.A.S.E.

Mean values were calculated for the total population (7401 samples) as well as for the "non-anomalous group". The cut-off for the latter was at the 95.5 percentile or 16 ppm; this procedure is carried out to normalize the distribution and to reduce the influence of extreme high values. A statistical summary of these parameters is presented in Table 2.

*Wallis, R.H. et al (1978) Op.Cit.

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Figure 4

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U HISTOGRAM AND CUMULATIVE FREQUENCY PERCENTAGES

NTERV PPM	FREQ.	CUM. FR	
	0.0		
0.50	0.78	0.0	*
0.60	0-51	0.78	*
0.70	0 80	1.30	*
0.80	1 11	2.09	**
0.90	1.07	3.20	
1.00	1 - 71	5.17	****
1.20	8.34	11.51	********
1.60	11.11	29-28	****
2.00	14.05	43.33	*** *******
2.50	10.94	54.28	****
3.20	9.85	64.14	*********
4.00	1.21	71.41	****
5.00	5.00	77.41	****
6.30	5.32	82.73	*** * * * * * * * *
8.00	4.59	87.33	**** * *****
10.00	3.38	90.70	<i>幸 齐本 本 本 本</i>
12.50	2,68	93.38	*** * *
16.00	2.09	\$5.47	* * * *
20.00	1.50	96.97	** **
25.00	0.89	97.87	* _
31.50	0.42	98 .57	*
40.00	0.42	58 .99	
50.00	0.10	99.42	
63.00	0.15	99.61	
d 0.00	0.17	99.76	
100.00	0.07	99.82	
999.90	0.10	100.00	

Table 2

Statistical Summary for Uranium⁽³⁾ in

Stream Sediments - South Central British Columbia

Arith. Means	Std. Dev.	Geom. Means	Geom. Dev.	Range of Values	No. of Samples
4.7 ⁽¹⁾	10	2.8	10.2	0.5-401	7401
3.3 ⁽²⁾	2.9	2.5	3.0	0.5-16	7066

(1) includes all samples

(2) includes 95.5% of the samples

(3) all values in ppm

Hence background for uranium in stream sediments from the area is 2.5 ppm (geometric mean) with a standard deviation of 3 ppm.

Results

Regional Uranium Trends:

Area A is in the south part of the map sheet. The 4 ppm contour outlines the Similkameen batholith (Jurassic granodiorite). Regional values over various phases of the pluton are as high as 14 ppm. There appears to be a north-south trend to the regional distribution of U over the western portion of the batholith. This corresponds to a similar regional trend found here for Mo and Zn (Wallis et al. 1978)*.

Area B is a northwest trending regional high of 4-5 ppm U overlying the north edge of an Upper Cretaceous granite stock (Summers Creek stock) east of Copper Mountain.

Area C this is the largest and most intense regional U anomaly in the project area. The 4 ppm contour outlines the

*Wallis, R.H., Brummer, J.J., and Gleeson C.F. (1978) Op.Cit.

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Okanagan batholith (Jurassic granodiorite). Regional uranium values as high as and greater than 16 ppm outline various younger (Cretaceous) granite stocks and differentiated phases within the batholith. The southeast portion of Area "C" overlies Tertiary volcanics and sediments. Regional U trends over the batholith are northeasterly and more or less correspond to the Mo ones. (Wallis et al.1978).

Area D is a northwest trending, low intensity (2-3 ppm) regional high which appears associated with an Eocene(?) porphyritic granite.

Area E represents a slight northwesterly trending regional increase (2-3 ppm) of uranium over Cretaceous granodiorite (Eagle batholith).

Area F is a small circular regional increase (2-5 ppm U) centred over a late Cretaceous granitic stock intruding Triassic Nicola Group volcanics.

Area G forms a circular regional high (2.5-4.5 ppm U) over a Late Cretaceous granite stock. There appears to be a positive east-west trend here linking Areas G, H and I.

Area H is a weak east-west trending regional anomaly (2.5-3 ppm U) underlain by Triassic Nicola Group volcanics, intruded by Triassic-Jurassic granodiorite (Allison Lake pluton) and flanked on its northeast side by Eocene volcanics and sediments.

Area I is another weak east-west oriented regional high (2-4 ppm) over Nicola Group volcanics intruded by a small stock of Jurassic granodiorite.

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Area J is north and northeast of the Brenda Mine and it covers the southeast portion of the Pennask batholith (Jurassic quartz monzonite-granodiorite). Regional values vary from 4-10 ppm U and the anomaly is lobate in east-west and north-northeast directions.

Area K is a northwest elongated regional high outlined by the 4 ppm contour, maximum regional values are 10 ppm. The Shorts Creek Jurassic granodiorite batholith occurs here; it is overlain in part by Eocene sediments and volcanics.

Area L is a circular regional high (4-6 ppm U) outlining the Whiteman Creek Cretaceous granite stock. This granite intrudes the Shorts Creek batholith; Eocene volcanic and sedimentary rocks flank the stock to the north and south.

Area M is a circular regional high (4-10 ppm U) on the north edge of the Pennask batholith.

Area N lies west of M and it also is within the Pennask batholith; regional values for uranium range from 2 to 6 ppm. The trend appears to be northeast and Eocene volcanics and sediments are present on the north side of the anomaly.

Area O is another weak regional increase outlined by the 1.5 ppm contour and trending northeast. Triassic (Nicola Group) volcanics underlie the area and Eocene volcanic and sedimentary rocks bound it to the east.

Area P is similar to O, in that it is a low intensity (2 ppm) regional anomaly trending northeast. It overlies the southeastern end of the Guichon Creek batholith (Triassic-Jurassic granodiorite) which intrudes Nicola Group volcanics. Eocene sediments and volcanics occur in the vicinity of the east and southwest parts of P.

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Area Q is a large north-south oriented regional U anomaly over the Nicola batholith (Tertiary). The edge of the batholith is outlined by the 4 ppm contour and regional U values reach a peak of 10 ppm over the centre of the batholith. An indentation in the top 1/3 of this regional high marks the position of a late east-west fault.

Area R is a regional high (3.5-9 ppm U) overlying a portion of the Triassic granodiorite batholith (Wildhorse) and flanked on its west side by Eocene volcanics and sediments. Residual Uranium

All regional anomalies enclose positive residual uranium values. Anomalous areas have been outlined on the regional-residual U map and numbered sequentially starting in the southeast corner of the project area.

The residual anomalies have been rated and listed (Table 3). The evaluation of each anomaly has been made taking into account the areal extent of the anomaly, the range of values, the anomaly contrast and the geology, especially with regard to the proposed models for uranium emplacement mentioned earlier. Because of time and monetary restrictions, individual descriptions of each residual anomaly will not be attempted. Salient features of them are listed in Tables 3 and 4.

135 anomalous areas have been outlined of which 22 are designated as 1st class, 43 as 2nd class and 70 as 3rd class. The anomalies have been relisted on Table 4 in order of priority and remarks as to the availability of the ground for staking have been made.

There has been an upsurge of interest in the area since recent drilling results on the Blizzard property

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Table 3		TABLE C	F U ANON	ALIES -	PRINIC			
Anom.#	N.T.S.	Place Name	<u>M.V.</u> *	<u>R.V.</u>	REG.V.	GEOLOGY	<u>R.</u>	Remarks
1	82E/4E	Lower Park Rill Cr.	5-27	12-19	7-8	CretJur.Grnd. (Nelson)fault ct. gns.cpt.	3+	Mo 2-4 GSC water 14.6 ppb U
2	82E/4E	Burnell Lake	7-105	22-99	7-8	Jur.grnd.Fairview	2 ⁺	52 Cu,470Zn, 25 Mo,G.S.C. water 3.7 ppb U
3	82E/4E	Blind Cr.	6-17	2-11	5	Jur.grnt-grnd. Olivier granite	3 ⁺	GSC water 9.1 ppb ^U
4	82E/4W	Snehumption Cr.	4-106	10-100	6	Jur-Cret.grnd. Similkameen	3 ⁺	275 Zn, 4-12 Mo;GSC 18-18 Mo,5-20 U
5	n	Snowy Mtn.	8-10	2-6	4-5	Jur.grnd-syenite Perm.sedn-vlcc	3	52 Cu
6	"	Flatiron Mtn.	709	2-4	4-5	(Shoemaker) Perm.sedvlcc(Old Tom-Shoemaker)	3	75-82 Cu No
7	n	Gillanders Cr.	5-19	3-14	5-6	Perm.seds-vlccs Shoemaker	3	Cu-Mo-Zn-W anom.
8	n	Barrington Cr.	7-9	3-4	4-5	Perm.sed-volcc;Jur Cret.grnd(Similka- meen)	.3 ⁺	GSC water <u>24</u> ppb U GSC 152 ppm Cu to N.W.
9	99	Keremeos Cr.	4-12	1-8	4-5	Eocene seds-volccs	2 ⁺	GSC water 2.3-2.4 ppb U
10	82E/5E	Park Rill Cr.	4-20	2-16	4-5	Eocene volcc-seds	1	GSC waters 2.5-8.9 ppb U 3-4 Mo
11	11	Mahonney Lake	7-9	3-5	5	Eocene vlcc fault ct. in Monashee gn	2 .s	6 Mo; GSC seds have 12-18 Mo, 17-18 U in Kearns Cr.

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12	82E/5E	Kearns Cr.	5-41	2-33	5-8	Eocene vlcc-seds	1	Indian Reserve GSC 2-12 ppb U water, 42 ppm U sed.
13	"	Shaha Cr.	4-13	1-8	6	Eocene vlcc-sed.	1	100-130 Cu; GSC water 2-12 ppb ^U
14		Marron Lake	7	2	5	Eocene vlcc-sed.	3	
15	"	Marron R.	8	2	5	Eocene vlcc-seds.	3++	GSC water 8.6 ppb U, open
16	82E/5W	Clark Cr.	7-47	3-39	7-9	Eocene vlcc-seds, Jur.grnt.	1	52-56 Cu,20Mo; GSC 8.9 ppb U water. <u>Stake</u>
17	u	Strayhorse Cr.	8-20	2-11	7-9	JurCret.grnt	3	2-6 Mo
18	11	Shatford Cr.	13	7	7	Jurgrnd.(Nelson) Perm.vlcc-sed. (Independence)	3	1
19	"	Keremeos Cr.	7-8	1-2	3	Jur.grnd.(Similka- meen)	3	203-Mo i
20	"	Apex Mtn.	8016	3-11	4 - 5	Perm.vlcc-sed. (Inde pendence) Jur.diorite(Hedley Jur.grnd.(Similkan	3 neen)	230 Cu,435 Zn, 5 Mo
21	H	Winters Cr.	7	2-3	4	Jur. grnd. Similkameen	3	3 Mo
22	82E12E	Eneas Cr.	13-135	10-129	8-10	Jr.grndNelson	1	4-116 Mo, 69-76 Cu, GSC 5-13 ppb Uwates Stake
23		W.Summerland	5-28	1-23	6-7	Eocene vlcc-sed.	1	

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- 2 -

12

24

11

Trout Cr.

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Jur.grnd.-Eocene 3 vlcc faulted N.W.

25	82E/12E	I.R.1	6-47	2-38	7	Jur.diorite-grnd Eocene vlcc-NEfault	2	
25a	n	Mt. Nkwala	19			N.W.faulted Jur. grnd-Monashee gns.	2	GSCsed.185 U, 8.Mo;39ppbU H20
26	82E/12W	Skulaow Cr.	7-9	1-5	8	Jr.grnd	3	
27	u	Shingle Cr.	10-46	7-37	10	Jur.grnd. in ct.in Eocene vlcc	2 ⁺	76 Cu
28	82E/12W	Riddle Cr.	8-14	105	9	Eocene vlcc over Jur.grnd.	l	GSC waters 2-6 ppb U,79-170 W(132 Zn. <u>STAKE</u>
29	n	Isintok Cr.	6-18	1-8	9	Jur.grnd.Jura	3	3-8 Mo
30	11	Bull Cr. I	6-11	1-3	8	Jur.Grnd.(Nelson)	3	
31	11	Bull Cr. II	6-169	2-160	9	Jur.grnd.(Nelson)	1	50-64 Cu.STAKE
32	11	Aqur Lk.	6-36	4-28	10	Jur.grnd(Nelson)	2	GSC seds 18-35U, 50 Mo Canoxy 34-46 U I GSC waters 3-9 N ppb U
33	11	Trout Cr.	5-24	1-16	8	Jur.diorite(Kirton) 3	
34	n	Bearpaw Cr.	6-38	4-22	9	Jur.grnd.(Nelson)	2	140-540 Cu,8Mo
35	n	Lost Chain Cr.	5-21	4-10	10	Jur.grnd.(Jura)	3	
36	н	Demuth	17-191	7-181	.10	Jur.grnd.(Valhalla)1	Stake
37	n	Darke Cr.	6-126	1-114	10-12	Jur.grnd(Valhalla)	1	Stake
38	"	Munro Lk	11-33	8-22	10	n n n	2	High Zn, Ag-Mo- Cu in GSC and Canoxy seds. MUN claims
39	11	Garnet Lk	4-42-3-	-34	7	Eocene grnt.porph (Coryell):Jur.grnd (Nelson)	2	GSC water 19ppb 8-176 Mo, 400-700 Zn

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40	82E/12W	Upper Eneas Cr.	19-41	13-36	5 ·	Jur.grnd(Nelson)	2 ⁺	89Cu,16 Mo; GSC 115 Cu, 180 Zn,38 U; 14 ppb U H20
41	82E/13W	Finlay Cr.	9-47	7-40	7	Jur.quartz monz. (McNulty)	2	134 Zn, 3Mo, 95 Cu
42	H	Peachland Cr.	18-66	14-62	4	Jur.grnd(Valhalla) Jur.diorite(Kirton	2)	57-207 Cu, 2-14 Mo
43	u	Upper Peachland Cr.	13	9	4	Jur.qtz monz. (McNulty)	3	88 Cu, 4 Mo
44	11	Silver Lk.	11	6	5	11	3	199 Cu, 470 Zn
45	n	Clover Cr.	11-20	3-10	10	n	3	
46	11	Lacoma Cr.	9-89	2-77	10	CrtJur.grnd Valhalla	1	55-97 Cu,120- 139 Zn, 3-16 Mc GSC 49 U, H 20 3 ppb U I
47	н	Trepanier Cr.	8-26	2-18	7	CretJur.grnd McNulty	3	
48		Upper Trepanier Cr.	8-46	1-38	7	u	3	High Cu-Zn-Mo
49	82E/13E	Powers Cr.	9–29	2-22	7	CretJur. grnd Valhalla & Eocene Seds.	2 ⁺	46 Cu
49A	н	Mount Last	17	н	5	Eocene seds.	2 ⁺	
50	"	McDougall Cr.	3-8	2-4	4	Eocene vlcc-seds.	3	GSC 65 ppm U seds,0.6 ppb H 20
51	11	Lambly Cr.	3-8	2-4	4	Perm.vlcc(CacheCr) Pliocene basalt Jur.grnd.	3+	GSC 1.5-4.2 ppb U H20,132C Oxy 47 Cu
52	82L /4E	Bald Range Cr.	34-84	25-76	8	Jur.grnd(Shorts Cr)1	4-9 Mo, GSC H2 17 ppb U STA <u>KE</u>

53	82L/4E	Stuart Cr.	9-71	1-63	8	Jur.grnd(Shorts)Cr.)l Eocene vlcc-sed.	GSC 1.6 ppb U H20 <u>STAKE</u>
54	78	E.Terrace Cr.	7-10	1-3	6	Eocene vlcc-seds. 2	
55	11	Terrace Cr.	9-20	5-11	9-10	Jur.grnd(Shorts Cr)2 Eocene vlcc	2-11 Mo
56 +	11	Duo Via Lk	7-12	1-4	7	Eocene vlcc-sed. 3	9-11 Mo;GSC 16 Mo, 16U; GSC H20 0.3 ppb U
57	11	Lock Drinkie	8-29	6-23	6	Jur.grnd(Shorts/Cr) 2 ⁺ Eocene vlcc-seds.	81 Cu
58))	Shorts Cr.	9-236	2-229	7	Jur.grnd(Shorts Cr) l Eoecne vlcc	3-4 Mo <u>STAKE</u>
59	11	McMullen Cr.	7-11	2-7	5	Eocene vlccs-seds. 2^+	3-4 Mo
60	11	Whiteman Cr.	7-98	1-92	6	Cret.grnt.Jur.grnd.l Eocene vlcc Canox	Mo,Cu,Zn anom ' yWhit property ی
61	82L/4W	Whiterocks Mtn.	23	18	4	Jur.grnd(Shorts Cr)3 Perm. seds.	152 Zn 4 15 Mo
62	ŦŦ	Nicola R.	21	16	5	Penn qtzite-sch. 2 Eocene vlcc-seds.	3 Mo
63	11	W.Nicola R.	16	12	4	Perm.seds. 2 Eocene vlcc-sed.	150 Cu, 3 Mo
64	17	Beak Cr.	7-13	3-5,	6-7	Jur.grnd(Shorts Cr)3 Eocene vlcc-sed.	
65	11	Upper Shorts Cr.	7-23	3-15	708	" 2+	
66	92H/1E	Ewart Cr.	7-25	1-15	10	Cret.Jur.grnd 3 Jura	3-13 Mo
67	11	Lakeview Cr.	7-30	4-21	9	CretJur.qtz-monz 3 Eocene vlccs.	

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68	92H/1E	Trib.Ashnola Rd.	7-31	5-23	8	CretJur.Qtz-monz. Eocene vlccs	. 3	
69	11	Ikwadli Cr.	10-33	6-26	7	11	2	4, 14 Mo
70	n	Etches Cr.	12-28	3-21	10	Tr.vlccs(Nicola) Cret-Jur.grnd(Jura)	2	14-17 Mo
71	92H/1W	Coal Cr.	10-21	3-14	7	Cret.vlcc(Kingsvale	e) 3	109 Zn
72 🔔	II	Lower Young Cr.	18	11	7	Cret.vlcc (Kingsvale)	3	
73		Young Cr.	17	12	5	"	3	
74	"	McBride	7-13	4-8	6	Eocene vlcc-sed. (Marron Fm)	2	High Cu-Zn-Mo
75	11	Trib.W.side Ashnola Rd.	29	21	7	Jur.grnd.	3	
76	u	Trib.E.side Ashnola Rd.	18	11	7	Jur-Cret.grnd	3	ι
77	"	Cathedral Fork	20	15	5	JurCret.grnd Jura	3	I
78	11	Easygoing Creek	12-20	8-16	4	"	3	122 Zn
79	11	Upper Young Cr.	7	2	4-5	Eocene vlcc.	2	7-37 Mo, 122 Zr
80	92H/7W	Champion Cr.	4-17	3-14	3	Jur.grnd.(Eagle)	3	
81	"	Blakeburn	4-7	105	2	Eocene Seds.	2 ⁺	
82	9 2H/8W	Rainbow Lk.	12	7	4	Eocene sedsfault ct. in TR.vlcc (Nicola)	2 ⁺	Mo 15 ppm, Cu showing in Nicola
83	"	N.side of Similkameen R	9-38	12-28	9	Cret.Jur. grnd. Jura	3	62 Cu

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84	92H/8	Steven Cr.	9-76	2-67	8	CretJur.grnd (Jura)TR.vlcc(Nico)	2 La)	102 Cu	
85	"	Wolfe Cr.	7-35	8-28	6	CretJur.grnd (Jura)	3+	50-94 Cu 90-172 Zn	
86	"	Willis Cr.	16-27	11-22	5	Cret.grnd-grnt (Otter)Minn Eocene vlcc	3	100-230 Cu 72-104 Zn	-
87	11	Wilbert Hills	13-14	8-9	5	Cret.grnt(Otter) Eocene vlccs-seds to north	3	94-98 Cu	
88	17	Upper Willis Cr.	7-13	3-9	5	11	3	98-117 Zn 12-52 Mo	
89	11	Smith Cr.	9	2-6	3	TR.vlcc; Jur.grnd Eocene vlccs-seds.	3 ⁺	97 Cu 176 Zn	
90	11	Arcat Cr.	9-22	3-16	6	Jur.grnd (Similkameen)	3	51 Cu	I.
91	11	McNulty Cr.	7-16	4-8	8	Jur.grnt;Eocene seds-vlccs	3 ⁺		32 -
92		Pettigrew Cr.	8-9	4-5	4	TR.vlcc.Jr.grnd	3	127 Cu	
93	92H/9	Finnegan Cr.	12-54	10-38	10-18	Cret . Jur.grnd.qtz monz.McNulty- Eocene vlcc to sou	2 ⁺ .th	3-8 Mo	
94	11	Alaric Cr.	8-74	3-59	16	Cret-Jur.grnd-qtz monz,Jura-McNulty	1 -	3-5 Mo - mor sed.H ₂ 0 samp	e ling
95	n	Lori	9-43	1-31	12	CretJur.grnt Empress	1	70-88 Cu 125-218 Zn, 10-20 Mo	
96	11	Link Lk.	16-401	3-386	14	CretJur.grnd Jura	1	45-56 Cu,4-1 110 Zn, <u>STAP</u>	L 5Mc KE
97	91	Spukunne Cr.	10-28	1-20	7	a	2	2-6 Mo	

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98	92H/9	Simem Cr.	10-19	1-10	10	CretJur.grnd Jura	3	83-100 Zn 2-4 Mo
99	11	Eastmere Lk.	15-49	6-37	10 .	CretJur.grnd-gnt Jura, Empress	3	4 Mo
100	"	Chapman Cr.	8-42	4-32	10	CretJur.grnd. Valhalla	2 ⁺	2-8 Mo 70-170 Zn
101	92H/10	Connaly Cr.	45	42	3	Eocene porph TR.vlcc Nicola	3	
101A	92H9/10	Allison Cr.	25	22	3.5	Eocene seds. TR.Nicola volc	2 ⁺	
102	92H/15	Coldwater R.	8-14	1-9	4.5	Cret.Grnt.(Otter)	3	
103	"	McCullough Cr.	16	14	2-3	Eocene vlcc-seds. Cret.grnd(Jura)	2 ⁺	7 Mo
104	11	Shrimpton Cr.	22	19	3	TR.vlcc Pliocene basalt(?)	2	92 Cu 4 Mo ι ω
105	92H/16	Headwater Lks	16-21	14-18	3	CretJur.qtz monz McNulty	3	64-250 Cu ω 134-168 Zn ι 7-13 Mo
106	11	N. Trout Cr.	13-29	8-23	5	Π	3	172 Cu 150 Zn, 2 MO
107	II	Galena Cr.	9-33	3-27	6 ,	CretJur.grnd- grnt.Jura-Empress alt grnt & fluorit	2 ⁺ e	89-112 Cu Tepe Cr. Cu, Pb,Zn, Au,Ag; 68-96 Z showings NE shear zones in grnt;3-50 Mo TR Sn Ck.H.M
								for Sn
108	11	Barton Hill	9	7	2.5	CretJur.grnd Eocene vlcc.	3 ⁺	50 Cu
109	92 I/l	Millin Cr.	11-36	5-26	10	CretJur.grnd Pennask	2	40-75 Cu 88 Zn, 5 Mo

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110	92 I/l	Wasley Lk.	10-13	5-8	5	CretJur.grnd Pennask	3	3-4 Mo
111	"	Wasley Cr.	9-18	5-13	5	CretJur.grnd (Pennask)Eocene vlcc-sed.	2 ⁺	68-345 Cu 4 Mo
112	92 I/l	Lower Wasley Cr.	78	74	5	CretJur.grnd Pennask	1	38 Mo STAKED
113 -	n	Frank Ward Cr.	6-11	3-8	3	Perm.seds.(Cache Cr.)Eocene vlccs	2	65-70Zn
114	92 I/2	Godey Cr.	3-18	2-16	1.5	TR.vlcc(Nicola) Eocene seds.to south	3	12 Mo
115	"	Clapperton Cr.	11-46	3-36	10	Tert. grnd Nicola Jur.diorite	2 ⁺	47-410 Cu
116		Fox Lk	11-112	4-105	7	Tert. grnd Nicola	1	۲ 57-134 Cu 68 Zn 6 Mo STAKE
117	"	Morgan / Lk	3-15	2-13	2	Tert. Ti-Cret. TR.vlcc (Nicola) Eocene seds.	3	3 Mo 1
118	92 I/7	Mab ^b Lk.	8-28	3-18	10	Tert.grnd(Nicola)	3 ⁺	49-420 Cu
119	11	Conant Cr.	8-54	3-44	10	Tert.grnd(Nicola)	2	40-92 Cu 80-92 Zn,2-8Mo
120	"	Helmer Lk	24	20	4	TR.vlcc(Nicola)	3	262 Cu
121	"	Sussex Lk	8-12	4-8	4	11	3	92-800 Cu
122	11	Surrey Lk	7-9	4-6	3	"	3	79-112 Cu, 3 Mc
123	n	Meadow Cr.	11	9	2	II .	3	46 Cu, 4 Mo
124	"	Ridge Cr.	7-11	4-6	5	Tert.grnd(Nicola)	3	54-181 Cu

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| 125 | 921/7 | Logan Lk. | 10 | 8 | 2 | Tr.vlcc(Nicola)
Eocene sed. | 3 | 60 Cu
72 Zn, 27 Mo |
|-----|-------|--------------------|-------|-------|-----|---|-------------------|---------------------------------------|
| 126 | 931/8 | Lac Le Saune | 7-113 | 6-105 | 7 | Tert.grnd(Nicola)
Locene vlcc | 1 | 72-111 Cu
4-10 Mo <u>STAKE</u> |
| 127 | 11 | Fred Lk | 7-102 | 3-93 | 9 | Tert.grnd(Nicola)
TR.vlcc,Eocene vlc | c
c | 33 -140 Cu
3-10 Mo, 96 Zn
STAKE |
| 128 | 11 | N. of Stump Lk. | 16 | 14 | 2 | Eocene vlccs | 2 | 60 Cu
76 Zn, 23 Mo |
| 129 | 11 | Dropping Water Cr. | 7 | 4 | 3 | " | 3 ⁺ | 72 Cu |
| 130 | 11 | Luke Cr. | 9 | 6 | 2.5 | 11 | 3 ⁺ | 3 Mo |
| 131 | II | Smith Lk | 7-31 | 3-21 | 9 | Tr. grnd (Wildhors
Eocene vlcc | e) 2 ⁺ | 100 Cu
7-21 Mo |
| 132 | " | Stump Lake Cr. | 11 | 9 | 2 | TR.vlcc,Nicola | 3 | 55 Cu,
90 Zn, 7 Mo |

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MV = Measured Value

RV = Residual Value

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Reg V = Regional value

R = Rating l = lst class2 = 2nd class3 = 3rd class

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PROJECT PRINIC

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Ratings - in priority order

(A) 1st Class Anomalies (22 of)

Number	NTS	Place Name	Remarks
10	82E/5E	Park Rill Creek	Unavailable, Mineral Reserve
12	11	Kearns Creek	Unavailable, Mineral Reserve
13	и	Skaha Creek	Unavailable, Indian Reserve
16	82E/5W	Clark Creek	Partially staked by others,
			stake 88 claims for CanOxy &
			complete coverage early in
			season.
22	82E/12E	Eneas Creek	stake AA claims for CanOxy &
		•	complete coverage early in
			season.
23	82E/12E	Summerland	Unavailable, is Summerland
23	022/ 402		Village.
28	82E/12W	Riddle Creek	60% staked by others, stake
	•		part of 88 Claims for CanOxy
			and complete coverage early
•		· · ·	in season.
31	82E/12W	Bull Creek	Open, so stake part of 88
26	0.017 /1.014	Domith	Open so stake 30 claims for
30	82E/12W	Demuth	CanOxy.
37	82E/1 2W	Darke Creek	Open, so stake 76 claims for
			CanOxy.
46	82E/13W	Lacoma Creek	Open, so stake 36 claims for
	·		CanOxy.
5 2	82L/4E	Bald Range Creek	Partially taked by others,
			stake part of 60 claims for
	0.7- (4-		CanUxy.
53	82L/4E	Stuart Creek	stake part of 60 claims for
			CanOxy.
58	821./4E	Shorts Creek	Open, so stake 12 claims for
50	011, 11		CanOxy
60	82L/4E	Whiteman Cree k	CanOxy WHIT claims, but do
			more recce
94	92H 9	Alaric Creek	Open, but too large an area
	· ·		to stake; cannot do rollow-up
0.5	0.0110	Towi	The staked rost not worth
95	9289	TOLT	follow-up
96	92H 9	Link Lake	Open, so stake 42 CanOxy
50	2000		claims, and carry out follow-
			up early to test rest of
			available ground.
112	9211	Lower Wasley Creek	100% staked by others
116	9212	Fox Lake	Open, so stake 12 claims for
			CanOxy.

Number	NTS	Place Name	Remarks
126	9218	Lac La Jeune	10% in Provincial Park, rest open, so stake 30 claims for CanOxy, and carryout follow- up early on.
127	9218	Fred Lake	Open, so stake 30 claims for CanOxy, and carryout follow- up early on.
(B) <u>2+ C</u>	lass Anomalie	s (19 of)	
2	82E/4E	Burnell Lake	Is it open? If so, do follow- up early
9	82E/4W	Keremeos Creek	Is it open? If so, do follow-
27	82E/12W	Shingle Creek	75% staked, so open 32 CanOxy claims and follow-up rest early on.
40 49	82E/12W 82E/13E	Upper Eneas Creek Powers Creek	All open, do early on What is land situation, if good, do early on
49A	82E/13E	Mt. Last	
57	82L/4E	Loch Drinkie	10% staked, rest open, do early on.
59	82L/4E	McMullen Cree k	All open, do follow-up as soon as possible
65 . 81	82L/4W 92H/7W	Upper Shorts Creek Blakeburn	Is it open? moderate priority Is it open? moderate priority
82	92H/8W	Rainbow Lake	Accessible, land status?
93	92H/9	Finnegan Creek	At end of season with heli- copter help.
100	92H/9	Chapman Creek	Is it open? moderate to high priority.
101A	92H9/10	Allison Creek	Is it open? do follow-up . early
103 107	92H/15 92H/16	McCullough Creek Galena Creek	Moderate priority. Is it open, high priority but wait until it's accessible
111	921/1	Upper Wasley Creek	Only moderate priority but if leave too late no water left
115	921/2	Clapperton Creek	25%, do follow-up fairly early on
131	921/8	Smith Lake	do early as possible

(C) 2nd Class Anomalies (20 of)

11	82E/5E	Mahonney Lake	Unavailable, Mineral Reserve
25	82E/12E	IR#1 ¯	What is land status? do early
25a	82E/12E	Mt. Nkwala	What is land status? do early
32	82E/12W	Agur Lake	60% staked, whats left is no
		-	good.
38	82E/12W	Munro Lake	CanOxy MUN claims are 20%
			rest is open so do early

Number	NTS	Place Name	Remarks
39	83E/12W	Garnet Lake	40% staked, CanOxy to stake #22, but still follow-up
42 54 55	82E/13W 82L/4E 83L/4#	Peachland Creek East Terrace Creek Terrace Creek	Main moad, no source, skip. 90% staked, nothing useful left 50% staked, what's left is
62	82L/4W	Nicola River	What is land status? Moderate
63	82L/4W	West Nicola River	What is land status? Moderate
70 74 84 97	92H/1E 92H/1W 92H/8 92H/9 92H/15	Etches Creek McBride Creek Steven Creek Spukunne Creek Shrimpton Creek	Moderate priority. Low priority
109	921/1	Mullen Creek	Moderately high priority, but do late in season.
113	921/1	Frankland Creek	
119	921/7	Conant Creek	season, difficult access
128	921/8	North Stump Lake	Do early, high priority
(D) <u>2⁻Class</u>	Anomalies	(4 of)	
34 41 69	82E/12W 82E/13W 92H/1E	Bearpaw Creek Finlay Creek Ikwaldi Creek	90% staked, so skip All open, so do early on What is ground status?, do early.
79	92H/1W	Upper Young Creek	Low Priority
(E) <u>3⁺ Clas</u>	s Anomalies		
1 · · · · · · · · · · · · · · · · · · ·	82E/4E 82E/4E 82E/4W	Lower Park Rill Creek Blind Creek Snehumption Creek	What's land status? do early What's land status? do early Do late in season, heed beliconter
8 15 51 85	82E/4W 82E/5E 82E/13W 92H/8	Barrington Creek Marron River Lambly Creek Wolfe Creek	Do H ₂ O early, but is IR#13 Do early, high priority What's land status? do early What's land status? low
89	92H/8	Smith Creek	What's land status? moderate
91	92H/8	McNulty Creek	What's land status? moderate
108 118	92H/16 92I/7	Barton Hill Mab Lake	Leave until late in season. Only if Fox Lake proves to be

129921/8Dropping Water Creek130921/8Luke Creek

good. High priority, do early High priority, do early

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Class 3 Anomalies

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Number	NTS	Place Name	Remarks
17	82E/5W	Strayhorse Creek	50% staked.
20	82E/11	Apex Mountain	100% staked.
24	82E/12E	Trout Creek	Sample early, High priority.
29	82E/12W	Isintok Creek	Low priority
30	'n	Bull Creek I	Low priority
33	11	Trout Cree k	
35	It	Lost Chain Creek	11
45	82E/13W	Clover Creek	11
47	82E/13W	Trepanee Creek	11
48	82E/13W	Upper Trepanee Creek	H
50	82E/13E	McDougall Creek	What's land status? do early
56	82L/4E	Duo Via Lake	50% staked, low priority
61	82L/4W	Whiterocks Mtn.	low priority
64	82L/4W	Beak Creek	What's land status? Moderate
	•		priority.
71	92H/1W	Coal Creek	Low priority
72	11	Lower Young Creek	- n -
73	Ħ	Young Creek	tf
75	บ	Trib. w. side of	
		Ashnola River	н
78	11	Easygoing Creek	н
83	11	N. side of Similkameen	
		River	11
8 6	92H/8	Willis Creek	What's land status? Moderate
	• •		priority.
87	f9	Wilbert Hills	II (1
8 8	17	Upper Willis Creek	11 11
90	. 17	Arcat Creek	11 11
98	92H/9	Simen Creek	Low priority
9 9	11	Eastmere Lake	11
101	92H/10	Connaly Creek	11
102	92H/15	Coldwater River	u
105	92H/16	Headwater Lakes	n
106	92H/16	N. Trout Creek	17
114	92I/ 2	Godrey Creek	H .
117	921 /2	Morgan Lake	
125	921/7	Morgan Lake	11

Class 3 Anomalies

5 6	3	
· 7		-
14		100% staked
18		-
19		Park or staked
21		50% staked
26		-
43	•	low priority
44		low priority
6 6		Provincial Park

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Number	NTS	Place Name	Remarks
67			Provincial Park
68			"
76			
77			
80			Low priority
92			Moderate priority
110			Low priority
120			-
121			-
121			-
122			-
123			_
124			
132			100% staked

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have been published and since the G.S.C. open file release of regional stream sediment and water data (G.S.C. Open File Reports 409, 410 and 411). Hence staking has been recommended over many of the 1st class anomalies if the ground is available.

Preliminary follow-up work should be aimed at delineating as quickly as possible the source area of an anomaly. Therefore, initially more detailed stream sediment and water sampling as well as prospecting with the aid of a scintillometer, preliminary geological mapping and rock geochemistry as well as heavy mineral sampling will be carried out systematically over each anomalous area.

Because of the importance of pH and the total dissolved solids, especially carbonate, in keeping uranium in solution, all water samples will be tested for pH and specific conductivity prior to shipment to the laboratory. All samples will be analyzed for uranium. If after this preliminary phase second stage follow-up work is warranted then systematic geochemical soil sampling, radiometric work, rock geochemistry and geology will be carried out over selected areas. During the 1978 field season an attempt will be made to do preliminary evaluation on all 1st and 2nd second class anomalies. In time all anomalies should be followed-up. Just as there are many favourable conditions existent that help produce good U anomalies in the stream sediments and waters, there are also conditions (e.g. cover rock, overburden, sample density, etc.) that might inhibit the transfer of metal to the drainage

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systems and as a result less intense anomalies than one would expect under favourable circumstances result.



Submitted by C.F. Gleeson, P.Eng. Ph.D.

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MINERAL EXPLORATION TECHNIQUES

Geological Implications of Regional Stream-Sediment Geochemical Data from South-Central British Columbia

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Abstract

Weighted moving-average contour maps have been constructed for molybdenum, copper and zinc using 7850 streamsediment samples from 5430 square miles (14,063 sq. kms) of south-central British Columbia.

Regional trends for molybdenum and zinc are northeast, north and northwest and those for copper are north and northwest. These trends are interrupted by zones markedly low in metals. The metal-rich trends cross rocks of different lithology and age and thus appear to be structurally controlled.

The northeast trend may have exerted control on metal distribution at two different times. The molybdenum trend passes through the Brenda mine, where it correlates with



Roger H. Wallis was born and educated in England and holds a B.Sc. (1960) and Ph.D. (1966) in geology from Birmingham University. His Ph.D. studies were carried out in South Greenland in 1960-61 in cooperation with the Greenland Geological Survey. Dr. Wallis was on the staff of the

Dr. Wallis was on the staff of the Geology Department of Cambridge University (1963-68) and worked in East Greenland in 1966 and in Spitsbergen in 1964, 65 and 67. In 1968, he joined Department of Mineral Resources, Precambrian Section, and mapped in northwest Saskatchewan (1968) and the Babbit Labscares (1960) he 1070 he interest

the Saskatchewan Department of Mineral Resources, Precambrian Section, and mapped in northwest Saskatchewan (1968) and the Rabbit Lake area (1969). In 1970, he joined Barringer Research Ltd. as the senior geologist of their Canadian Joint Venture Program and also acted as manager (1970-71) of their Fiji porphyry copper exploration project. In 1972, he joined Canadian Occidental Petroleum Ltd., Minerals Division, where he is chief geologist.



J. J. Brummer, born in South Africa, became a naturalized Canadian in 1958. He attended Witwatersrand University in Johannesburg, and obtained a B.Sc. in mining engineering and a B.Sc. and M.Sc. in mining geology. He then entered McGill University in Montreal, where he was awarded his Ph.D. in geology in 1955.

Dr. Brummer acquired his professional experience in mining engineering at the gold mines of the Witwatersrand (1945-

47), in mine geology and mineral exploration on the Copperbelt of Zambia (1947-53), in research on mineral deposits with the Quebec Department of Natural Resources (1953-54), the northeast-trending stage 2A veins dated at 146 m.y. The molybdenum trend ends abruptly against a "Vaihalla" pluton dated at 133 m.y. However, the zinc trend affects this pluton, and thus it appears that the northeast trend was reactivated in the late Cretaceous. Some of the most interesting northsouth copper and molybdenum trends are within the Triassic Nicola volcanics, where they coincide with Preto's Central Belt. The regional sediment geochemical data suggest that the Central Belt may continue northward along the eastern side of the Guichon Creek valley.

The contoured data indicate that the dominant control of regional metal distribution is by age and rock-type. The Triassic-Jurassic intrusions are characterized by high regional molybdenum content and by zoning patterns that are negative with respect to copper and zinc and positive with respect to molybdenum. The late-Cretaceous intrusions are characterized by high regional zinc content in the stream sediments. The Tertiary batholith can be distinguished by its low regional molybdenum values, relatively high copper content and positively zoned regional zinc distribution pattern.

The southern outcrop area of pre-Mesozoic "Cache Creek" rocks is characterized by high regional copper, molybdenum

and in mineral exploration across Canada with Kennco Explorations (Canada) Ltd. (1955-61), Falconbridge Nickel Mines Ltd. (1961-70) and Occidental Minerals Petroleum Corporation (1970-72). He has been with Canadian Occidental Petroleum Ltd. since 1972, and currently holds the position of exploration manager, Minerals Division.



Christopher F. Gleeson is a consulting geologist-geochemist specializing in mineral exploration. Born in Ottawa, he holds a B.Sc. degree from Loyola College and M.Sc. (1956) and Ph.D. (1960) degrees in geology from Mc-Gill University.

Dr. Gleeson specialized in exploration geochemistry, working for Kennco during his graduate studies, where he researched the applications of exploration geochemistry in glaciolacustrine

and bog environments of the Canadian Shield. Following graduation, he worked as exploration geologist for Patino Mines (Quebec) Ltd. in Chibougamau, Quebec, and for Pickands Mather & Company in Wabush, Newfoundland. In 1962, he joined the Geological Survey of Canada as an economic geologist-geochemist. His research work there involved heavymineral studies in the Yukon Territory, with special reference to the Klondike gold fields, and regional geochemical studies in the Keno Hill area. He joined SOQUEM as chief geochemist in 1965, where he was in charge of exploration geochemistry research and extensive exploration geochemical programs throughout Quebec.

In 1970, Dr. Gleeson formed his own company, C. F. Gleeson and Associates Limited. In his capacity as a consultant geologist-geochemist, he has worked throughout Canada for government and industry, as well as in Ireland, Algeria, Brazil, Cameroon and Malaysia.

Keywords: Exploration, Geochemical exploration, Stream-sediment geochemistry, British Columbia, Moving-average techniques, Molybdenum, Copper, Zinc, Metal distribution, Mineralization.

and zinc contents in the stream sediments. These values are in marked contrast with the low values typical of the northern outcrop area. However, recent fossil evidence suggests that most of the northern area is, in fact, late-Triassic, Nicola Group, volcaniclastic sediments. This suggestion gains support from the geochemical contrast.

Introduction

IN A geologically well-defined area of south-central British Columbia about 2 billion tons of 0.5% equivalent copper mineralization have been outlined, mainly in the last fifteen years (Fig. 1).

This prompted a two-year stream-sediment survey by Canadian Occidental Petroleum Ltd. in 1973-74 to outline metal-rich target areas, with particular emphasis on defining regions of potential copper-molybdenum porphyrytype mineralization.

The project area covers approximately 5430 sq. miles (14,063 sq. kms), including some or all of N.T.S. sheets 82E and H, 92H and I (Fig. 1), and a total of 7850 stream-sediment samples were collected (Fig. 2).

Geochemical Survey

FIELD PROCEDURE

In the ideal case, sediment samples were collected from the centre of active streams, but, because of the arid climate, many samples were taken from dry gullies or stream beds. The sample density was partly determined by the logistics of working in a heavily forested area, which necessitated foot traversing of almost all the streams.



FIGURE 1 -- Location of project area, including the location of known mines and deposits and their contained equivalent copper content.

Table to accompany Figure 1.						
			Contained equivalent copper content (tons)			
No.	Property Name	M. tons	% Cu	% Mo		
1). 2). 3). 4). 5). 6). 7). 8). 9). 10). 11). 12). 13). 14). 15). 16). 17). 18). 19). 20). 21). 22). 23). 24).	Canam (Giant Copper) Ingerbelle Copper Mountain Axe (Adonis) Brenda Primer (Pyramid) Craigmont Lytton Ann Highmont Lornex Alwin (O. K.) Valley Copper Bethlehem J. A. South Seas Krain Minex Afton Ajax Galaxy Rainbow Maggie Ash-Nola Whineaw	8 76 35 50 180 23 31 5 48 150 465 1.1 850 115 286 17 14 36 34 10 6 20 200 200 200 2	0.61 0.50 1.08 0.45 0.184 0.2 1.5 0.62 0.27 0.51 0.41 2.33 0.48 0.97 0.43 0.35 0.56 0.2 1.0 0.58 0.55 0.4 2.55 0.4 2.55 0.4 2.55 0.4 2.55 0.55 0.4 2.55 0.		48,800 tons 378,000 378,000 257,000 742,480 46,000 469,176 31,000 129,000 765,000 2,183,856 25,630 4,080,000 542,248 1,453,439 59,000 90,000 72,000 340,000 80,000 34,000 110,000 800,000 7 7	

*Reserves at Dec. 31st, 1975, or latest available from published reports.

Large filled triangles equal greater than 1,000,000 tons contained equivalent copper content (c.e.c.c.).

Medium filled triangles equal 500,000-1,000,000 tons c.e.c.c. Small filled triangles equal 100,000-500,000 tons c.e.c.c.

Small open triangles equal less than 100,000 tons c.e.c.c.

c.e.c.c. = contained equivalent copper content.

FIGURE 2 --- Stream-Sediment Sample Distribution Map.

Location of the 7850 stream-sediment samples used as a data base for the weighted, moving-average contour maps (Figs. 7, 8 and 9). Although the over-all density is 1.4 samples per sq. mile (0.5 per sq. km), the non-uniform pattern inevitable in stream sampling is clearly shown, as is the necessity of using a computer-based system to produce regional contour maps.



FIGURE 3 - Thompson Plateau and the Cascade Mountains. The even summit level of the Thompson Plateau merges imperceptibly with the semi-alpine Okanagan Range of the Cascade Mountains, as seen looking west from the summit of Snowy Mountain (8507 feet) (2552 meters). This terrain is ideal for setting down samplers to traverse streams on foot and for "chopper hopping" the uppermost tributaries.

The weighted, moving-average technique was then applied to separate the regional and residual components. This was accomplished as follows: At a given point on the map a search was made of all the samples enclosed by a circular window of radius 5 kms (3.1 miles) centred at that point. The size of the search radius is determined by including a set minimum number of samples; if the search area fails to reach the minimum number, the search radius at that point is increased. The computation positions were selected on a regular east-west, north-south grid lattice, spaced at 2.5 kms (1.55 mile) in both directions. This 2.5km (1.55-mile) interval allows a 50% overlap of search windows in both east-west and north-south directions. The

Where the helicopter was used, samplers were taken to their respective streams, and the party chief then spent the remainder of the day "chopper hopping" above the tree line (Fig. 3). Stream and sample characteristics, together with N.T.S. coordinates and sample number, were entered on a sample card set up on an 80-character base. The samples were air-dried and processed by Bondar-Clegg and Company Ltd. in Vancouver. All sample locations were plotted on 1:50,000 cronaflex topographic drainage maps provided by the Surveys and Mapping Branch, Department of Energy, Mines and Resources, Ottawa.

LABORATORY PROCEDURE

Bondar-Clegg and Company Ltd., of Vancouver, dried, sieved and then analyzed the -80-mesh fraction of the stream sediment for Cu, Mo and Zn by atomic absorption spectrophotometry after digestion with hot solutions of HCl and HNO₃.

In the field, control samples were placed in the sample sequence at random intervals to check the precision of the analytical work. Using these control samples, precision at the 95% confidence level was calculated as 3.7%, 10.5% and 4.5% for Cu, Mo and Zn respectively.

COMPUTER PROCEDURE

The computation stages were carried out by Luciano Martin of C.A.S.E. (Computer Applications and Systems Engineering) of Toronto, using methods and programs which he has developed.

The data from the field cards and the analytical results were transferred to punched cards. The 1:50,000 field maps provided the positional data; the coordinates of all samples were digitized with an Instronics Gradicon and a Coradi coordinatograph. An independent origin was established on each 1:50,000 sheet and all positions on that sheet were related to it. An I.B.M. 370/167 computer was then employed to convert the digitized coordinates to standard U.T.M. values, which were merged with the corresponding field and analytical data.

Before the stream-sediment data were processed, it was decided to remove from the data file approximately ninety samples that were collected along 60 miles (100 kms) of the Similkameen River from just below Copper Mountain mine through Princeton and Hedley to the U.S. border. These samples all contained at least 100 ppm Cu and a high content of Mo and Zn, and only occur in the stream sediments of the Similkameen River. Clearly the source of this copper is the old mine workings and tailings at and above Princeton.

These excessively high values would have completely distorted the geological component in the contoured geochemical maps of this area, hence the decision to eliminate these samples from the data set prior to computation. Other long dispersion trains from natural sources of metal, e.g. zinc in Siwash Creek and copper in Summers Creek, were retained in the data file.



FIGURE 4 — Map of the project area, showing glacial features.

size of the search window, and hence of the lattice spacing, is determined using a step-by-step iterative approach to reach the best compromise between regional clarity and local detail. The particular window size and lattice spacing chosen is unique to any particular stream-sediment study and the most important control is exercised by areas with the least complete sampling compared to the over-all sampling density and by the complexity of local geological detail (Figs. 2 and 6).

A weighted average of the values in each search area is then computed, with a maximum weight being set for samples close to the centre. These weighted, moving-average values at each search area approximate to the regional component.

The difference, at any one sample point, between the laboratory-measured value and this computer-generated regional value is the residual value. Maps of the residual values (not shown) form an exploration guide to specific geochemical anomalies within a given regional area.

The regional component values were then contoured and plotted out by a Calcomp 748 flatbed plotter on specially prepared 1:125,000 base maps. The contour intervals were empirically chosen after a thorough study of the statistics. No particular predetermined statistical parameter was used to choose contour intervals. The important criterion is the ability of the contours to illustrate metal distribution patterns; a compromise between clarity and clutter has to be accepted.

Thus, the base data used in the following discussion are weighted, moving-average contour maps. This type of presentation is considered by the authors to best show the underlying regional, or geological, component of streamsediment geochemistry. Such maps are neither trend-surface maps, which tend to ignore local geological variation, nor are they contoured data maps, which tend to be submerged by local geological variation. Figures 7, 8 and 9 can be compared and contrasted with the trend-surface maps (Figs. 9 and 10) of Fox and Rinehard (1972), which display stream-sediment data from an adjacent area in Washington State, or with the Geological Survey of Canada symbol presentation in Open File Reports Nos. 409 and 410, covering N.T.S. 82E and 82L.



FIGURE 5 - Former Lake Levels, Quilchena Valley, During deglaciation, the project area was covered by extensive glacial lakes (Fig. 4). These can often be recognized by wavecut terraces, such as shown here on the east side of the Quilchena valley at an elevation of 3400 feet (1020 m). The present-day remnant, Nicola Lake, 6 miles (10 kms) to the north, is at an elevation of 2045 feet (613 m). Note also the extensive grasslands. Summer evaporation is too extensive to sustain tree growth except immediately adjacent to streams.

The project area includes two major components of the Canadian Cordillera, the Thompson Plateau and the Cascade Mountains (Bostock 1948, Holland 1964) (Fig. 3). At the U.S. border, the Thompson Plateau is virtually pinched out between the Okanagan Highlands and the Cascade Mountains, but from the Similkameen valley northward the plateau widens until it eventually occupies the entire width from the Okanagan to the Fraser valley, a distance of 80 miles (128 kms) (Fig. 4). The Thompson Plateau consists of rolling uplands

separated from each other by deep valleys; the elevation and ruggedness of the plateau increase to the south where the upland surface rises toward the mountains (Fig. 3). The Cascade Mountains, which make up the southwestern part of the project area, are grouped into three main ranges, the drainage of two of which, the Okanagan and the Hozameen (Fig. 4), were sampled in this study. The greatest differential in elevation is between the Similkameen Valley, 1200 feet (360 m) above sea level and Snowy Mountain, 8507 feet (2552 m) above sea level, a difference of 7300 feet (2190 m). Ninety per cent of the area is drained by three river systems - the Nicola, the Similkameen and the Okanagan. Fulton (1969) has described in detail how these systems originated during deglaciation.

The entire Interior Plateau appears to have been covered by ice which moved on to it from both east and west; however, the major direction of ice transport was to the south. At its maximum development, the ice overrode peaks as high as 8507 feet (2552 m) on the northeast side of the Okanagan Range. The principal outlets for this ice were along the lower Similkameen Valley and through gaps at the head of the Ashnola, Pasayten and Similkameen rivers (Bostock, 1948).

At low elevations the winters are mild, with little snowat Penticton is 10 inches (25 cms), and there are extensive

fall. For example, Penticton has a January mean average temperature of 0°C and a total winter snowfall of 40 cms (15 inches); above 4000 feet (1200 meters), however, snow remains on the ground until early June. Summer temperatures in the valleys may rise to over 35°C, but snowfalls have been recorded in all months at Apex Mountain (elevation 7372 feet; 2211 m). Forest growth is dependent on aspect and elevation. The valleys have sparse tree cover due to lack of moisture, e.g. the mean annual precipitation grasslands around Nicola Lake (Fig. 5). Similarly, many south-facing slopes are almost devoid of tree cover. The tree line is at an elevation of about 6000 feet (1800 m).

Geology

The Geological Survey of Canada and the British Columbia Department of Mines maps provide excellent

Physiography, Glaciation, **Climate and Vegetation**

PHYSIOGRAPHY

GLACIATION

During deglaciation, the damming of these outlets and the slow melting of stagnant ice in the valleys caused the formation of a network of spillways which, coupled with the ice-dammed Fraser canyon to the west, created numerous major lakes (Fig. 4) (Fulton, 1969). Thus, varved silts and clays are conspicuous along the major valleys throughout the area and can be found to a height of almost 4000 feet (1200 m) above present-day valleys.

CLIMATE AND VEGETATION

Period	Epoch	Intrusive Rocks	Layered Rocks		
Late Tertiary	Pliocene (2-10 m.y.)		Plateau basalts	$\left \right\rangle$	
	Oligocene (20-40 m.y.)	Needle Peak pluton (39 m.y.)			
Early Tertiary	Late Eocene (40 m.y.)				
	Middle Eocene	Coryell stocks (48-51 m.y.)	Kamloops Group volcanics (45-50 m.y.)		
	Early Eocene (55 m.y.)		Coldwater Formation Sediments		•
	Early Eccene	Nicola batholith (60 m.y.) Rey Lake stock (67 m.y.)			
Late & Early Cretaceous Late Cretaceous	(110-85 m.y.) (135-65 m.y.)	Otter Lake stocks Lightning Creek stock Trout Creek stock Siwash Creek stock Whiteman Creek stock Summers Creek stock (97 m.y.) Remmel batholith (in part) "Valhalia pluton" (133 m.y.) Mt. Lytton batholith (98 m.y.) Verde Creek pluton (100 m.y.) McBride Creek stock (post 80 m.y.) Whipsaw Creek porphyries (post 104 m.y.) Eagle batholith (in part, 104 m.y.)	Kingsvale Group volcanics Spences Bridge Group volcanics Pasayten Group sediments Jackass Mountain Group sediments		
Late & Middle Jurassic	(140-160 m.y.)		Dewdney Creek Group — sediments Ladner Formation — sediments		
Late & Middle Jurassic	(175-140 m.y.)	Okanagan batholith (141-183 m.y.) Pennask batholith Eagle batholith (in part, 143 m.y.) Similkameen batholith (149-170 m.y.) Shorts Creek batholith Brenda stock (176 m.y.) Hedley stock (156 m.y.)).	
Late Triassic - Early Jurassic	(215-175 m.y.)				
(a) Granodiorite Clan		Guichon Creek batholith (198 m.y.) Allison Lake pluton (200 m.y.) Wild Horse batholith (200 m.y.) Quilchena stock		:	
(b) Ultramafic, Gabbro, Syenite Clan		Tulameen Complex (204-175 m.y.) Iron Mask batholith (190-206 m.y.) Copper Mountain and Lost Horse stocks (204-194 m.y.) Kruger alkali syenite (177-191 m.y.) Ollala alkali complex (179- m.y.) Hedley gabbro-diorite (170-190 m.y.)			
Late Triassic	(205-210 m.y.)		Nicola Group volcanics		
Pennsylvanian-Permian	(330-250 m.y.)		"Cache Creek" and equivalents		

geological coverage of the project area. For this paper, the regional stratigraphy has been condensed into major groups of plutonic rocks and volcanic-sedimentary sequences (Table 1 and Fig. 6). This usage closely follows other recent compilations (e.g. those by McMillan and Preto 1976 and Jackson 1976). Table 1 lists the sequences of volcanic and sedimentary units found in the project area and tabulates the numerous episodes of igneous activity which have a 200-m.y. time span. The names and age of the various intrusions are given in the caption to Figure 6.

In the following discussion, in which the regional streamsediment geochemistry is related to bedrock geology, only seven units in Table 1 are volumetrically important. These are: (7) Tertiary — Nicola Batholith

- (6) Tertiary sediments and volcanics
- (5) Cretaceous Kingsvale Group volcanics

(4) Late Cretaceous — intrusions

- (3) Late Triassic and Jurassic intrusions
- (2) Late Triassic Nicola Group volcanics

(1) Pennsylvanian and Permian — "Cache Creek" Group volcanics

The only rocks which are seriously deformed and metamorphosed are the pre-Upper Triassic "Cache Creek" rocks. Triassic Nicola rocks are only strongly deformed and metamorphosed at the batholithic margins. Elsewhere, the Nicola is gently folded (Schau, 1970) and cut up into fault-bounded blocks (Preto 1975, 1977). Later volcanicsedimentary sequences are only slightly deformed, except





FIGURE 6 — Generalized geology of south-central British Columbia (compiled from G.S.C. & B.C. Dept. of Mines and Pet. Res. maps).

A--Wild Horse batholith, 200 m.y.
B--Whiteman Creek stock
C-Shorts Creek batholith
D--Whiterocks Mountain stock
E-Pennask batholith
F-Brenda stock, 176 m.y.
G--Quilchena stock, 67 m.y.
J--Rey Lake stock, 67 m.y.
J--Allison Lake pluton, 260 m.y.
K--Mt. Lytton batholith, 143-104 m.y.
M-Lost Horse - Copper Mountain stocks, 204-194 m.y.
N-Needle Peak pluton, 39 m.y.

O--Verde Creek pluton, 100 m.y. P-Hedley gabbro, 190-170 m.y. O-Summers Creek stock, 97 m.y. R-Siwash Creek stock S-Trout Creek stock J--'Valhalia pluton'', 133 m.y. U-Okanagan batholith, 183-141 m.y. V-Similkameen batholith, 170-149 m.y.

W-Kruger syenite, 191-177 m.y. X-Ollala stock, 179 m.y. Y-Oliver stock, 174 m.y. Z-Tulameen uitramafic,, 204-175

m.y. AA—Guichon Creek batholith, 198 m.y.

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where involved in major faults, e.g. the Chuwanten or Pasayten faults.

Much age data are now available on the plutonic rocks of the area, and these, together with cross-cutting and intrusive relationships, have elucidated the over-all intrusive sequence as outlined in Table 1. The only major undated intrusion in the area is the batholith lying west of the northern part of Okanagan Lake, and this is assumed to be of similar age to the Okanagan batholith to the south. The naming of the plutonic units is fraught with controversy. We have tried to retain the most common usage, and only in the case of the "Shorts Creek" batholith have we invoked a new and informal name.

Excellent descriptions of the rock types can be found in the various publications of the Geological Survey of Canada and the British Columbia Department of Mines and Petroleum Resources given in the reference list. The MINDEP Mineral Index Maps (Montgomery *et al.*, 1975a) were available for the area, with current information on over 250 known occurrences.

Molybdenum, Copper and Zinc Distribution in Terms of Metal Trends and Major Rock Type

REGIONAL MOLYBDENUM DISTRIBUTION

Metal Trends

The contoured moving-average map (Fig. 7) clearly shows certain major features, or metal trends, which appear to crosscut both age and type of rock. The eastern part of the area is characterized by higher molybdenum values than the western portion, however there are significant northeast and north-south positive molybdenum trends throughout. A weak but significant north-south trend which extends from south of Princeton to north of Merritt is defined by the 1.5-ppm Mo contour (Fig. 7).

The positive metal trends are crossed by prominent northwest and northeast negative trends (i-iv and v, respectively, on Fig. 7) which extend over considerable distances and appear to be unaffected by rock type.

Major Rock Types and Regional

Moving-Average Molybdenum Values

Table 2 summarizes the relationships between the regional distribution of molybdenum and geology.

1) Permian + Pennsylvanian "Cache Creek" Rocks (Unit 1, Fig. 6)

In the north, the average regional stream-sediment value over these rocks is less than 1.0 ppm Mo, whereas in the south it is greater than 2.5 ppm Mo. In *Area J*, an extensive set of quartz-pyrite-molybdenite-scheelite veins and sericite-quartz-feldspar porphyry dykes has been found. In *Area X*, molybdenite occurs in veins and skarns on Apex Mountain.

2) Late Triassic Nicola Group (Unit 2, Fig. 6)

The Nicola Group is predominantly basaltic andesite, and sediments from streams draining it are generally low in molybdenum.

The only significant regional high value area is AA (Fig. 7), at Copper Mountain, where a small, but well-defined, area with values greater than 3.5 ppm Mo coincides exactly with the east-west roof pendant of Nicola volcanics lying between the enclosing Lost Horse intrusives.

Between Princeton and Aspen Grove, Preto (1975, 1977) has defined three north-south-striking lithological zones within the Nicola Group. There is a striking correlation between regional sediment values greater than 1.5 ppm



Regional Distribution and FIGURE 7 — Molybdenum — Trends. The 1.0- and 2.0-ppm Mo regional stream-sediment contours are numbered. The other contours shown are at: 1.5. 2.5. 3.0. 3.5. 4.0. 5.0 and 6.0 ppm Mo. High-value areas are lettered in capitals. A through to FF. Positive metal trends are shown by solid lines lettered a to i. The dotted line, h, is the axial trace of the 1.5-ppm Mo contour. Negative metal trends are shown by broken lines numbered i to v.

Mo and Preto's "Central Belt", and the molybdenum content provides a clear distinction between this zone and the rest of the Nicola outcrop. Interestingly, the plus-1.5-ppm Mo contour extends northward along the eastern side of the Guichon Creek valley; this may suggest that a northward extension of Preto's "Central Belt" follows this direction. Along the axis of this trend is Area S, which is the only high-molybdenum area not associated with plutonic rocks in the northern part of the project area. Area S coincides, approximately, with regionally high copper and zinc values, and this may possibly indicate a Nicola volcanic centre.

3) Late Triassic and Jurassic Intrusions (Unit 3, Fig. 6)

The major northeasterly metal trend (a, Fig. 7) crosses the Okanagan, Pennask and Shorts Creek batholiths independently of their over-all geometry and independently of the foliation trends in the intervening Nicola and "Cache Creek" rocks. Area D lies along this metal trend at the intersection with the north-south trend (e). Area D is one of the highest regional molybdenum anomalies within the project area and it is virtually coincident with the Brenda stock (Carr, 1968).

Mineralization at Brenda is independent of rock-type (Carr, 1968), and the dominant mineralization is associated with "the NE-striking, stage 2A, veins . . ." (Soregaroli and Whitford, 1976). Detailed mapping of the distribution of pyrite and hydrothermal biotite in the Brenda area by

ge and Rock Type	Average Regional Stream-Sediment Content in ppm Mo	Area (Fig. 7)	Peak Mo Contour (ppm)
ertiary Intrusions Nicola batholith	1.0	R	+2.5* +2.5
retaceous Kingsvale Volcanics			
— north area, less than — south area	1.0 1.5		
ate-Cretaceous Intrusions Whiteman Creek stock Whiterocks Mountain	1.5–2.0	A	+4.0
stock Summers Creek stock Verde Creek pluton	5 	C O FF	+4.0 +2.5 +3.5
intrusion ?		н	+5.0
intrusions ?		1	+4.0
intrusions? Mt, Thynne stock		CC EE	+2.0 +2.0
ate Triassic – Jurassic Intrusions Shorts Creek batholith Pennask batholith Brenda stock. Okanagan batholith	1.5 1.5 1.5	B P D E V F W G	+4.0 +3.0 3.5 6.0 +6.0 +6.0 +6.0 +5.0
Ollala stock		L Y	+3.0 +3.0
east lobe west lobe Eagle batholith	2.0 1.0–1.5 1.0	K Z BB	+3.0 +3.5 +2.5
Allison Lake pluton Quilchena stock Wildhorse batholith	1.5 1.0–1.5	DD Q U	+3.0 +2.5 +2.0 +2.5
riassic Nicola Volcanics less than but central belt	1.0 1.5	S AA	+2.0 3.5
ennsylvanian-Permian "Cache Creek"		:	
northern area southern area	1.0 +2.0	J	+6.0

*+2.5 = greater than 2.5 ppm

the same authors also emphasizes the northeasterly alignment of the mineralization episode (Soregaroli and Whitford, 1976, Fig. 3); and Carr (1968) has also shown that there is a zone of intense fracturing, about 11/2 miles (2 km) wide, trending northeast and extending through the mine area. The regional stream-sediment geochemistry suggests that the northeasterly metal trend extends for at least 30 miles (48 kms) both northeast and southwest of Brenda Mine (Fig. 7). An age for this metal trend is provided by data from Brenda. The apparent age of the Brenda stock is 176 m.y.; however, the Stage 2A northeaststriking mineralized vein set is post-crystalline and has been dated at 146 m.y. (Soregaroli and Whitford, 1976). Post-mineralization trachyte dykes have an age of 130 m.y. (Soregaroli, 1977, pers. comm.).

This close restriction on the age of the northeasterly molvbdenum metal trend is strengthened by the observation that the metal trend does not cross the "Valhalla" pluton lying within the Okanagan batholith. Petö and Armstrong (1976) suggest that the composite Okanagan batholith ranges in age from 185 to 156 m.y. Peto's (1973) mapping has shown that the "Valhalla" pluton is a post-Okanagan intrusion and Medford (1975) has dated it at 133 m.y. Thus, the northeasterly molybdenum trend is bracketed as being post-156 m.y. and pre-133 m.y., which is in excellent agreement with Soregaroli and Whitford's (1976) 146-m.y. date.

The north-south metal trend (e, Fig. 7) lies normal to the constriction between the Okanagan and Pennask batholiths and is parallel to the dominant foliation in the adjacent Nicola rocks (Carr, 1968). Soregaroli and Whitford (1976) suggest that east-west compression is the dominant tectonic control at Brenda. Detailed mapping by Carr (1968) elucidated four structural belts within the stock, the most prominent of which is a north-south zone as much as 1¹/₄ miles (2 kms) wide which encloses most of the copper-molybdenum occurrences. This north-south structural zone is over 7 miles (11 kms) long and extends both north and south of Carr's mapped area. Carr suggests that repeated movements in the underlying basement are responsible for these structural belts. Thus, the northsouth metal trend may be related to this structural control within the Brenda stock and adjacent Nicola rocks.

Areas O-P-D. G-W-F-V and E appear to lie on northeasterly metal trends (a, b and g, Fig. 7) which cut across



Contour interval is at 10 ppm Cu. High-value areas are lettered in capitals A through T. Positive metal trends are shown by solid lines lettered a to d.

Regional values over the Eagle batholith are generally below 1.0 ppm Mo. The only high-value area centrally located with respect to the batholith is Area BB, Wells Lake (+2.5 ppm Mo), where molybdenite-chalcopyrite mineralization is associated with the youngest and least foliated phases of the intrusion. Area M (+3.0 ppm Mo) in the upper part of Skwum Creek reflects mineralization associated with thermal effects on calc-silicate rocks within the Nicola Group. Area Q (+2.0 ppm Mo) is associated with the Quil-

The regional molybdenum stream-sediment content over these widespread and numerous intrusions is quite variable. Area A (+4.0 ppm Mo) is associated with molybdenite mineralization in a syenite stock exposed along Whiteman Creek. Area O (+2.5 ppm Mo) lies on a westerly protuberance of the Okanagan batholith now known to be a distinctly younger intrusion, the Summers Creek stock (Preto, 1976). Interestingly, two nearby late-Cretaceous svenite intrusions, the Siwash and Trout Creek stocks (R & S, Fig. 6), have no associated molybdenum concentrations.

Area I (+4.0 ppm Mo) is a discrete, well-defined anomaly associated with the Ash-Nola property. As Montgomery et al. (1975b) make clear, this anomaly is not due to the Kingsvale volcanics, but to a post-Kingsvale, and thus presumably late-Cretaceous, quartz monzonite boss and associated porphyry dykes. Extensive molybdenite-chalcopyrite-pyrite mineralization occurs over an area of 2 sq. miles (5.2 sq. kms). Area H (+5.0 ppm Mo)

internal plutons of the batholith and thus presumably post-date the plutons. It is suggested that these metal trends correlate in age and style with the northeast stage of mineralization characteristic of the Brenda camp. Areas G, W, F and V all lie along the southern contact of the Okanagan batholith, and they are within Petö's (1973) melanocratic Similkameen quartz diorite unit. The regional 6.0-ppm Mo contour of Area E coincides with the outcrop of the Empress granite pluton as outlined by Petö (1973). In Petö's sequence, the Empress granite is the youngest and most highly differentiated felsic unit within the Okanagan batholith. The results of extensive exploration work within the area indicate that molvbdenite mineralization is widespread and is associated with extremely siliceous differentiates of the Empress granite.

The Similkameen batholith (V, Fig. 6) has been divided into numerous different plutons by Daly (1906); however, there is little obvious relationship between Daly's plutons and the molybdenum distribution. The regional molybdenum content over much of the batholith is relatively low (1-1.5 ppm), and there is one area where the molybdenum contents exceed 3.5 ppm, Area Z, in the massive, grey granodiorites of upper Ewart Creek.

Average regional molybdenum contents over the eastern lobe of the Similkameen batholith, east of the "Cache Creek" roof pendant, increase to 2.0 ppm. Under the central part of Area J (+4.0 ppm Mo), molybdenite mineralization is well known in the King Edward showings at Susap Creek, where it is associated with the marginal syenitic phase.

Smaller Jurassic intrusions are also associated with high (+3.0 ppm) regional molybdenum values; Area L is associated with the Olalla pluton where it intrudes "Cache Creek" strata, and molybdenite has been mined here at the Golcanda deposit.

chena stock, a quartz monzonite body which has concentrically zoned propylitic, argillic and potassic alteration associated with molybdenite-chalcopyrite mineralization.

4) Late-Cretaceous Intrusions (Unit 4, Fig. 6)

occurs across the headwaters of Young Creek. The most likely cause appears to be a repetition of the situation at Area I, i.e. post-Kingsvale intrusives, which here are either less well mineralized or less well exposed. Area CC (+2.0 ppm Mo) at Whipsaw Creek is associated with post-Eagle batholith porphyries, and these are most probably late-Cretaceous. Area EE is underlain by a late-Cretaceous stock at Mt. Thynne, which has a greater than 2.0 ppm Mo contour coincident with it. Area FF (+3.5 ppm Mo) is a high-value area lying within the Verde Creek pluton. Recent exposures show that the anomaly is associated with molybdenite veins.

5) Cretaceous Kingsvale Volcanics (Unit 5, Fig. 6)

In both the northern area, southwest of Merritt, and the southern area, in the Ashnola valley, the average regional stream-sediment content is 1.0 ppm Mo or less.

6) Tertiary Intrusions (Unit 7, Fig. 6)

The most extensive Tertiary intrusive is the Nicola batholith (H, Fig. 6). Regionally, it has a relatively molybdenum-deficient core (average 1.0 ppm Mo), with higher contents toward the periphery. Area R (+2.5 ppm)Mo) is associated with molybdenite-pyrite-quartz veins in porphyritic zones in the Fox Lake area.

REGIONAL COPPER DISTRIBUTION

Metal Trends

The contoured moving-average map for copper (Fig. 8) delineates three distinctive northerly metal trends. Trend (a) is in "Cache Creek" rocks and is parallel to the dominant local strike. Trend (b) is shown by the strong elongation of the copper contours in the Brenda area, and this coincides with the north-south structural feature as feature associated with the Nicola volcanics and extends outlined by Carr (1968). Trend (c) is a major regional from south of Copper Mountain to the northern edge of the project area. This north-south metal trend coincides almost exactly with the "Central Belt", as outlined by Preto (1975-1977), which represents a zone of initial rifting, volcanism and intrusion along the axis of the Nicola volcanics. Northwesterly trend (d) closely follows the eastern contact of the Eagle batholith (L, Fig. 6).

Crosscutting copper-deficient zones are not present, and it is obvious that the dominant factor controlling the regional distribution of copper is rock type rather than structure.

Major Rock Types and Regional Moving-Average Copper Values

Table 3 summarizes the relationships between the regional distribution of copper and geology.

1) Pennsylvanian-Permian "Cache Creek" Rocks (Unit 1, Fig. 6)

Over the northern outcrop area, east of Douglas Lake, the regional stream-sediment content is 20-30 ppm Cu, and no high-value areas occur. In contrast, in the southern outcrop area, in the vicinity of Keremeos, the regional sediment values are over 40 ppm Cu, and some significant high-value areas occur. At Area E (+100 ppm Cu), south of Keremeos, numerous small plugs and dykes of porphyritic felsite occupy the core of a major hornfels zone which has vein-type and skarn-type chalcopyrite-molybdenite-sphalerite-scheelite-pyrite-quartz mineralization. Area O (+70 ppm Cu), near Apex Mountain, is associated with numerous small plugs and dykes with accompanying chalcopyrite-sphalerite-pyrite skarn zones.

2) Late Triassic Nicola Group (Unit 2, Fig. 6)

Stream sediments from the northern outcrop area of

	Pook	Typo	and	Pagional	Connor	Stroom-
ADLL J - Age,	NUCK	TAhe	aiiu	Negional	oohhei	Sucaill-
ediment Content						

Age and Rock Type	Stream-Sediment Content in ppm Cu	Area (Fig. 8)	Peak Cu Contour (ppm)	
Tertiary Intrusions Nicola batholith	40-50	No high-	value areas	
Cretaceous Kingsvale Volcanics. Northern area. Southern area. Late-Cretaceous Intrusions.	20-30 30 10-20	No high-	value areas	
Whipsaw Creek Ashnola		B D	110	
Jurassic Intrusions Shorts Creek batholith . Pennask batholith,	20			
margin	25			
core	50	ų ų		
Brenda stock Okanagan batholith,	50 60	N	80	
core Similkameen batholith.	10			
east lobe	20-30 20	-		
CORE	10	M	90	
Allison Lake pluton	40	IT	00	
Quilchena stock Wildhorse batholith	20-30	К	60	
Nicola batholith, margin		G I	80	
Volcanics		}		
Northern area	50	F	80	
1		H J	90 70	
Central Belt	60	Δ	100	
		Ĉ	110 60	
Southern area	30			
Pennsylvanian-Permian "Cache Creek"	00.00			
Northern area	20-30 40			

the Nicola are regionally high in copper content, with the average being over 50 ppm. Area F (+80 ppm Cu) occurs near Rey Lake. This is the site of Asarco's discovery of several hundred feet of 0.5% Cu in a breccia zone associated with a late-Cretaceous stock (McMillan, 1973). However, the mineralized zone is covered by up to 300 feet (90 m) of overburden, and thus the high stream-sediment values cannot readily be ascribed to the Rey Lake mineralization. The regional high values appear to originate from streams on the south slope of Guichon Mountain and probably represent a localized concentration of copper within the Nicola volcanics. Area H (+90 ppm Cu) lies just east of Peter Hope Lake and is associated with a sequence of porphyritic basaltic-andesite flows the copper content of which is more than 100 ppm. Area J (+70 ppm Cu) lies just south of Nicola Lake and, like Area H, is associated with Nicola flows which have an enhanced copper content. Area L (+60 ppm Cu) is a reflection of the bornite-chalcopyrite mineralization at Aspen Grove. In this area, the 50-ppm Cu contour enclosed 90 per cent of all. the mineralized showings shown by Preto (1975).

Area A (+100 ppm Cu) is areally the largest regional copper anomaly; in part it is a result of the dispersion train along Summers Creek. Preto's (1976) mapping clearly shows that Area A is the geochemical expression of the Axe copper-molybdenum mineralization within the Nicola volcanics. South of the Tertiary sediment cover at Princeton is Area C (+100 ppm Cu), which lies on the southerly continuation of the major metal trend (c) (Fig. 8), and thus, by implication, on the continuation of Preto's "Central Belt". Area C represents the Copper Mountain - Ingerbelle mineralization; its north-south elongation reflects the overall structural control. The orebodies lie within a narrow east-west roof pendant of Nicola volcanics (Preto, 1972), and these and the surrounding Lost Horse intrusions all lie within the area outlined by the 70-ppm Cu contour.

South of Copper Mountain, the regional copper content of the stream sediments over the Nicola Group is only 30 ppm Cu, and no high-value areas are present. An easterly lobe of Nicola rocks extends from Copper Mountain to Hedley and the regional background for this area is also 30 ppm Cu; however, in the immediate vicinity of Hedley, Area P (+40 ppm Cu) reflects chalcopyrite associated with the arsenopyrite-gold mineralization there.

These diminished values for copper over the Nicola rocks in the Copper Mountain - Hedley area could be interpreted as due to removal of copper from the Nicola rocks to form concentrations in the nearby copper deposits. However, the simpler geochemical correlation is between decreased copper content and a sympathetic increase in volcaniclastic sediment at the expense of volcanic basalticandesite.

A north-northwest-trending zone of Nicola volcanics runs parallel to the eastern boundary of the Eagle batholith (L, Fig. 6) and encloses the Tulameen ultramafic complex (Z, Fig. 6). This entire area is associated with regional copper values in excess of 40-50 ppm Cu within which two regional high-value areas occur. Area M (+80 ppm Cu) straddles the Nicola-Eagle batholith contact and represents copper mineralization in a contact zone at Skwum Creek. Area B also straddles the Nicola-batholith contact at Whipsaw creek; its significance is discussed later.

3) Late Triassic and Jurassic Intrusions (Unit 3, Fig. 6)

Stream sediments over the Pennask batholith (E, Fig. 6) have a moving-average content of about 25 ppm Cu. although the western part of the batholith has an inner core, Area Q (Fig. 8), with a regional content of 50 ppm Cu. This internal positive zoning of copper in the Pennask batholith is a contrast to that of the Okanagan and Similkameen batholiths.

The Brenda stock coincides with Area N (60-80 ppm Cu) and is unique in being the only extensive regional stream-sediment copper anomaly associated with a Jurassic intrusion. The 60-ppm Cu contour coincides with the major north-south structural zone outlined by Carr (1968), and the regional peak contour of 80 ppm Cu defines the copper mineralization at Brenda mine and in upper Trepanier Creek. Regionally averaged stream-sediment values over the Okanagan batholith show a systematic negative zoning pattern from 30 ppm Cu near the periphery to less than 10 ppm Cu at the centre. The 30-ppm Cu values tend to be associated with Petö's (1973) early dioritic phases. Area R represents the only internal 30-ppm Cu area and is related to chalcopyrite mineralization on the Lodestar property. Area S (Fig. 8) represents two deflections of the internal 20-ppm Cu contour and reflects accessory chalcopyrite associated with the Empress granite pluton and its molybdenum mineralization.

This negative annular arrangement of the regional copper contours crosscuts internal plutons as mapped by

Petö (1973), suggesting that the copper content is not solely controlled by lithology; the copper distribution strongly contrasts with the molybdenum distribution (Fig. 7), with its high-value central core. Thus, the regional controls of the copper and molybdenum distributions within the Okanagan batholith are independent of each other, as both the zoning pattern and the metal trends are different. It is interesting that a similar pattern of negative zoning with respect to copper was noted by Brabec and White (1971) in their study of the equivalent-aged Guichon Creek batholith (AA, Fig. 6). Their study was based on rock samples, but the pattern is identical to that of the present work based on stream-sediment samples (Table 6). The regional copper content of the stream sediments over the Similkameen-Remmel batholith (V, Fig. 6) west of longitude 120°W is generally less than 20 ppm Cu; the batholith is negatively zoned, with the core having less than 10 ppm copper. East of longitude 120°W, the batholith is one of the few intrusions of this age associated with regional copper values as high as 40 ppm. The average regional content of the eastern lobe is 30 ppm Cu and levels in excess of 40 ppm Cu are associated with the marginal syenite bodies which host the well-known King Edward chalcopyrite-molybdenite mineralization. Sediments from streams draining the Eagle batholith, (L, Fig. 6) have a regional content of 30 ppm Cu, and at Area T (+40 ppm Cu) chalcopyrite-molybdenite mineralization occurs at Wells Lake.

The Allison Lake pluton (J, Fig. 6) is associated with a high regional average value of 40 ppm Cu and numerous small copper occurrences have been noted by Preto (1976). Area K (+60 ppm Cu) is a small, high-value area associated with the Quilchena stock. This intrusion possesses potassic-argillic-propylitic alteration zones and as-

sociated chalcopyrite-molybdenite mineralization. The core of the Nicola batholith is Tertiary in age, but its outer hybrid zone may be Jurassic. This outer zone is associated with two regionally high-value areas. Area I (+80 ppm Cu) is a reflection of the Toluma bornite-chalcopyite mineralization and Area G (+90 ppm Cu) is due to a chalcopyrite-bornite vein system.

Cu.

Area D (+110 ppm Cu) (Fig. 8). The 80-ppm Cu contour clearly defines a zone on the Ash-Nola property where extensive drilling has outlined a large tonnage of low-grade copper mineralization associated with a well-defined hydrothermal alteration system related to a quartz monzonite boss of presumed late-Cretaceous age (Montgomery et al., 1975b). Area B (+110 ppm Cu) at Whipsaw Creek straddles

4) Late-Cretaceous Intrusions (Unit 4, Fig. 6)

The moving-average copper values over most of the late-Cretaceous intrusions are relatively low, being about 20 ppm Cu. The largest late-Cretaceous intrusion, the Verde Creek pluton, appears to be the most copper-deficient one, with a regional average value of only 10 ppm

Only two high-value areas are associated with late-Cretaceous intrusions — Area B at Whipsaw Creek and Area D in Ashnola valley. Neither of these intrusions has been age dated.

the Nicola-Eagle batholith contact. Preto (1969) has described a system of porphyry intrusions which cut the Eagle batholith and are thus post-104 m.y. These intrusions of probable late-Cretaceous age control porphyry-type mineralization for which both the Nicola volcanics and the Eagle batholith are hosts.

5) Cretaceous, Kingsvale Volcanics (Unit 5, Fig. 6) Southwest of Merritt, over the northern outcrop area,



FIGURE 9-Zinc - Regional Distribution and Trends. The 30- and 50-ppm Zn regional stream-sediment contours are numbered. The other contours shown are at 20, 40, 60, 70, 80, 90, 100, 120, 140, 160 and 180 ppm Zn. High-value areas are lettered in capitals A through R. Positive metal trends are shown by solid lines lettered a-d. Negative metal trends are shown by broken lines numbered i-iii.

the average regional stream-sediment contours show a negative zoning pattern, with 30 ppm Cu at the margin and less than 20 ppm Cu in the central core. The southern outcrop area in the Ashnola valley has an average sediment content of 30 ppm Cu.

6) Tertiary Intrusions (Unit 7, Fig. 6)

Regional copper values over the entire Nicola batholith are relatively high, being mostly 40-50 ppm Cu. However, it should be noted that all three high-value areas are associated with the marginal hybrid zone, and that no copper mineralization has been encountered in the inner, younger, porphyritic phase, which is of Early Tertiary age (60 m.y., McMillan, pers. comm., 1976).

REGIONAL ZINC DISTRIBUTION

Metal Trends

Some specific metal trends can be discerned from the regional distribution of zinc in stream sediments (Fig. 9). These trends are interrupted by linears low in zinc. Interestingly, there is a marked correlation between zinc metal trends and those for molybdenum (Fig. 7). The most obvious is the northeasterly trend (a), which appears to persist for over 60 miles (96 kms) and crosscuts different subunits of the Okanagan batholith, the Brenda stock and the Shorts Creek batholith. A north-south metal trend (b) occurs near Keremeos. This trend parallels the northsouth strike of the local "Cache Creek" rocks. Other per-

lge and lock Type	Average Regional Stream-Sediment Content in ppm Zn	Area (Fig. 9)	Peak Zn Contour (ppm)
) Tertiary Intrusions Nicola batholith	margin 30-40 core + 60	No high-v	alue areas
) Cretaceous Kingsvale Volcanics	50	No high-v	alue areas I
) Jurassic-Cretaceous sediments	?	N	+ 120
) Late-Cretaceous Intrusions	no average, but Verde Creek pluton — margin 40 — centre 60	A B D E J K L M Q	$\begin{array}{c} + 100 \\ + 80 \\ + 180 \\ + 140 \\ + 120 \\ + 140 \\ + 90 \\ + 140 \\ + 80 \\ + 90 \end{array}$
Jurassic Intrusions	E. Similkameen batholith, margin 50; core 40 W. Similkameen batholith, margin 50; core 20 Okanagan, margin 40-60; core 20 Pennask, margin 50; core 30 Eagle, margin 50; core 40 Wildhorse, margin 40; core 30 Shorts Creek — average 40-50 Lost Horse — average 50	P	+ 120 + 90 + 80
Late-Triassic Nicola Volcanics	40-50	G	+ 100 + 120
Pennsylvanian- Permian	Northern area 50	H F	+ 100 + 100

*+80 = greater than 80 ppm

sistent northerly metal trends are (c) in the upper Ashnola valley and (d) in the Nicola rocks east of Guichon Creek. A less conspicuous metal trend (e) runs northwestward through Areas D-C.

The northwest-trending metal-deficient zones, clearly seen on the molybdenum map (Fig. 7), can be recognized, although less prominently, on the zinc regional contour map (i-iii, Fig. 9).

Major Rock Types and Regional Moving-Average Zinc Values

Table 4 summarizes the relationships between the regional distribution of zinc and geology.

1) Pennsylvanian-Permian "Cache Creek" Rocks (Unit 1, Fig. 6)

The northern outcrop area has an average regional sediment content of 50 ppm Zn, and there are no highvalue areas.

The southern outcrop area is coincident with the 60-ppm regional zinc contour, and three areas of high values occur (Fig. 9). Area H (+100 ppm Zn) and Area G (+120 ppm Zn) coincide with the roof pendant, formed

of the Old Tom and Shoemaker formations, which divides the east and west lobes of the Similkameen batholith. In both areas, sphalerite has been observed in calc-silicate skarn zones formed from limy horizons within the Shoemaker Formation.

Area F (+100 ppm Zn) represents sphalerite associated with skarn mineralization due to limy beds in the Shoemaker and Independence formations south of Apex Mountain.

2) Late Triassic Nicola Group (Unit 2, Fig. 6)

The Nicola Group is characterized by a relatively low regional content for zinc (Fig. 9) ranging from 20-60 ppm in stream sediments.

Area 1 (+80 ppm Zn) lies within a negatively zoned region of Nicola, where the regional stream-sediment value is 45 ppm Zn and the inner core is 20 ppm Zn. Area 1 represents sphalerite associated with the arsenopyrite mineralization of the Hedley gold camp. The only extensive area of high regional values is Area R (+ 100 ppm Zn). It appears to be associated with numerous small syenite to monzonite stocks which have guartz-pyrite veins with high copper-zinc values. These high-level stocks appear to be penecontemporaneous with the porphyritic Nicola flows which they intrude in the Hector Lake area. This zone may represent a coninuation of Preto's (1975-1977) "Central Belt", which would thus trend from the west side of the Quilchena valley, west of Nicola Lake and along the eastern side of the Guichon Creek valley.

3) Late Triassic and Jurassic Intrusions (Unit 3, Fig. 6)

The regional zinc values over these intrusions are characteristically uniform and exhibit marked zoning patterns, with zinc-depleted cores and relatively enriched margins. Details of the values for the margin and core of each batholith are given in Table 4. This pattern of negative zoning of zinc distribution was also noted by Brabec and White (1971) in their rock geochemical study of the equivalent-aged Guichon Creek batholith (AA, Fig. 6).

The only major zinc anomaly associated with this age of intrusion is Area C (+120 ppm Zn), centred over the Brenda stock and involving flanking Nicola rocks to the west. Area C lies on zinc metal trend (a) (Fig. 9); however, the north-south copper and molybdenum trends seen in the Brenda area are not discernible in the zinc data. As described in the section on molybdenum, the northeast metal trend is parallel to the dominant mineralization system at Brenda (Stage 2A veins of Soregaroli & Whitford, 1976), but crosscuts the dominant foliation in the Nicola rocks and the Nicola - Brenda stock - Okanagan - Pennask batholith contacts.

4) Late-Cretaceous Intrusions (Unit 4, Fig. 6)

Almost every late-Cretaceous intrusion is associated with a regional stream-sediment zinc anomaly (see Table 4).

This characteristic high zinc content clearly labels the Summers Creek stock (L, Fig. 9) as being late Cretaceous in age, even though Rice (1947) and Petö (1973) show it as being a protuberance of the Jurassic Okanagan batholith. However, recent isotopic dating (Preto, 1976) indicates that it is, in fact, a discrete 97-m.v.-old intrusive. Area D (± 180 ppm Zn), the largest and highest regional zinc anomaly, coincides almost exactly with the outcrop of a "Valhalla" pluton mapped by Little (1961) and Petö (1973). The pluton is dated by Medford (1975) at 133 m.y. and is Cretaceous in age.

Drilling in the Darke Lake area shows that the zinc occurs as disseminated sphalerite grains in a stockwork of chalcopyrite-molybdenite-pyrite-quartz-sericite veins in an

altered granodiorite cut by post-mineralization quartz porphyry. The mineralized stockwork averages 3000 ppm Zn and represents "zinc porphyry" mineralization. Area D shows a distinct elongation in a northwest-southeast direction, and it is bounded on either side by zinc-deficient linears [(ii) and (iii) on Fig. 9]. It is noteworthy that these two metal-deficient zones were independently defined by the regional molybdenum data.

trusions.

Area A (+100 ppm Zn) is coincident with the Whiteman Creek syenite stock; Area B (+90 ppm Zn) is underlain by a "Coryell-age" intrusion (Little, 1961) south of Whiterocks Mountain; Area E (+140 ppm Zn) is centred over the Siwash Creek stock, with documented sphalerite mineralization (Rice, 1947); and Area L (+90 ppm Zn) is coincident with the Summers Creek stock.

It is of interest that the Trout Creek stock (S. Fig. 6), which is presumably of this age, shows no enhancement in zinc. Area O (+90 ppm Zn) is coincident with a late-Creta-

zinc.

The northeasterly metal trend (a) is associated with anomalous areas L-E-C-B-A (Fig. 9). Although Area C is related to the Jurassic Brenda stock, the other highvalue areas are all associated with late-Cretaceous in-

ceous stock on Mt. Thynne, and Area O (+90 ppm Zn) lies just west of the late-Cretaceous Otter Lake pluton.

The Verde Creek pluton (O, Fig. 6) is the largest late-Cretaceous intrusion in the project area. Although there is no positive regional zinc anomaly associated with it, there is a positive zonation; regionally, stream sediments from the margin average 40 ppm Zn and those from the core average 60 ppm Zn.

Other regional anomalies that appear to be related to late-Cretaceous intrusions are areas M. K and J (Fig. 9), but isotopic dating information is not yet available. Area M (+140 ppm Zn) at Whipsaw Creek is associated with porphyries which intrude both the Nicola volcanics and the Eagle batholith (Preto, 1969), and as such are post-104 m.y. and are thus probably late Cretaceous. Area K (+140 ppm Zn) coincides with the Ash-Nola property, where the Cretaceous Kingsvale rhvolitic volcanics are cut by a quartz monzonite boss and associated dykes (Montgomery et al., 1975b), which are associated with a large zoned sulphide system. The probable age of the minor intrusions is late Cretaceous.

5) Cretaceous Sediments (Unit 5, Fig. 6)

Area N (+120 ppm Zn) is an isolated, regional anomaly associated with the Treasure Mountain sphalerite mineralization, which occurs in veins in sediments of the Pasayten Formation near the Chuwanten fault.

6) Cretaceous Kingsvale Volcanics (Unit 5, Fig. 6)

The northern outcrop area, southwest of Merritt, has an average regional sediment content of 50 ppm Zn; no average regional value can be assigned to the southern outcrop area in the Ashnola valley due to the influence of the two high-value areas J and K (Fig. 9).

7) Tertiary Intrusions (Unit 7, Fig. 6)

The regional zinc content of stream sediments over the Nicola batholith averages 40 ppm, but the regional distribution pattern clearly shows a positive zoning with a margin of 30-40 ppm zinc and a central core of +60 ppm

Summary and Conclusions

A total of 7850 stream-sediment samples were collected from 5430 sq. miles (14,063 sq. kms) of south-central

British Columbia, giving a sample density of 1.4 per sq. mile (0.5 per sq. km). As with any stream survey, however, the collection sites have a non-uniform distribution (Fig. 2). To facilitate interpretation of the data, the weighted, moving-average technique was applied to generate a series of regional contour maps. With the movingaverage technique, the size of the search area, the spacing of the grid lattice and the weighting can all be modified to suit any individual stream survey. This particular computer approach is, therefore, sensitive to the geology and sample density of each particular stream survey.

The resulting contour maps (Figs. 7, 8 and 9) add some interesting insights to the regional geology of the project area. These concern (i) regional metal trends, (ii) relationships between metal content, age and lithology, (iii) metal zoning patterns within particular rock types and (iv) relationship to mineralization.

REGIONAL METAL TRENDS (Fig. 10)

All three metals, Mo, Cu and Zn, have distribution patterns that can be resolved into linear trends (Figs. 7, 8 and 9). These trends traverse a terrain underlain by rocks of various ages and lithology, thus suggesting structural control. These positive trends of high metal values are interrupted by zones of low metal values. This juxtaposition of high- and low-value trends may represent zones of contrasting fracture density.

The regional molybdenum and zinc contour maps (Figs. 7 and 9) display strong northeast metal trends and less marked north-south trends. In contrast, the regional contour map for copper (Fig. 8) shows no northeast trends, but does exhibit strong north-south trends and a less marked north-northwest trend. This variation in trend direction for the different metals suggests that their origins are to some extent independent of one another.

Another feature of the positive metal trends is that the relevant structural event controlling them may have occurred more than once; e.g. the major northeast molybdenum and zinc trends appear to be related to two such episodes.

Soregaroli and Whitford (1976) suggest an age of 186 m.v. for the emplacement of the Brenda stock and an age of 146 m.y. for the dominant, northeast-trending, stage 2A molybdenite veins. The high-value molybdenum trend extends for 25 miles (40 kms) southwest of Brenda across the Okanagan batholith, were it terminates against a "Valhalla" pluton. This is Unit 9 of Petö (1973) and is a post-batholith phase. Medford (1975) has given an age of 133 m.y. for this pluton and Soregaroli (pers. comm., 1977) finds that the post-molybdenite mineralization trachyte dykes at Brenda are 130 m.y. However, the northeast zinc metal trend affects the "Valhalla" pluton and many other late-Cretaceous stocks, including the Summers Creek stock, which Preto (1976) dates at 97 m.y. Hence, it appears that the northeast trend was reactivated in late-Cretaceous time as a zone along which intrusions were emplaced and along which zinc-rich fluids were mobilized, Thus, the metal trends which appear to have been imprinted at more than one period of time may be related to fundamental structural control in the basement.

The north-south metal trends of Cu and Mo are obvious in the Brenda area, where they correlate with the mapped limits of a north-south structural zone as outlined by Carr (1968). The north-south Mo-Cu-Zn trends in the Keremeos area are parallel to the dominant foliation and structural grain of the local "Cache Creek" rocks. The most interesting north-south trend is associated with the Upper Triassic Nicola Group in which Preto (1975-1977) has distinguished a "Central Belt" characterized by initial volcan-

- 14 -



ism and penecontemporaneous syenitic-dioritic intrusions. Preto's mapping shows that this north-south zone extends from Copper Mountain to the north of Aspen Grove. The results of the present study show that the axial trace of the 1.5-ppm regional molybdenum contour and of the 60-ppm copper contour coincide with Preto's Central Belt, and the regional geochemical data from sediment analysis suggest that the Central Belt should terminate a few miles south of Copper Mountain and may continue northward along the eastern side of the Guichon Creek valley.

Thus, in three different geographic areas, in rocks of different ages, north-south metal trends are controlled, in part at least, by structure rather than by rock type,

ROCK TYPE AND AGE AVERAGE STREAM-SEDIMENT METAL CONTENT (Table 5)

Taken as a whole, the stream-sediment data suggest that the dominant control of regional metal distribution is by age and lithology rather than by structure; thus, 60% of the regional high values for molvbdenum in sediments lie over late-Triassic-Jurassic intrusions, 50% of the high values of copper in stream sediments are related to the late-Triassic Nicola Group and 60% of the regional zinc anomalies are associated with late-Cretaceous intrusions.

TABLE 5 — Rock Type, Age and Related Regional Stream-Sediment Metal Content in ppm							
	Molyt	Molybdenum		Copper			
Rock Type	Average Regional Value	Maximum Regional Contour	Average Regional Value	Maximum Regional Contour	Average Regional Value	Maximum Regional Contour	
Intrusives Tertiary. Late Cretaceous. Late Triassic, Jurassic.	1.0 2.0 2.0	+2.5 +5.0 +6.0	45 15 25	+110 + 90	35 110 10	+ 60 +180 +120	
Volcanics Cretaceous Kingsvale Triassic Nicola Penn-Permian, "Cache Creek"	1.9 1.0 2.0	+3.5 +6.0	25 55 30	+110 + 100	50 45 35	+100 +120	

	Molybdenum		Copper		Zinc	
Rock Type	Average Regional Value	Maximum Regional Contour	Average Regional Value	Maximum Regional Contour	Average Regional Value	Maximum Regional Contour
Intrusives Tertiary Late Cretaceous. Late Triassic, Jurassic.	1.0 2.0 2.0	+2.5 +5.0 +6.0	45 15 25	+110 + 90	35 110 10	+ 60 +180 +120
Volcanics Cretaceous Kingsvale	1.9		25		50	

*Note: + = greater than

In fact, the data in Table 5 indicate that the main groups of intrusive and volcanic rocks can be distinguished by their associated Mo, Cu and Zn regional stream-sediment patterns.

Thus, stream sediments over Tertiary intrusions are low in molybdenum and zinc and relatively high in copper; late-Cretaceous intrusions have a very high zinc content in stream sediments, and moderate molybdenum and low copper values; stream sediments over Jurassic intrusions are high in molybdenum and low in copper and zinc. Regional stream-sediment values over the Cretaceous Kingsvale volcanics are low in molybdenum, copper and zinc; the late-Triassic Nicola volcanics have a high copper content in the sediments and low molybdenum and zinc contents; the "Cache Creek" volcanics have regional sediment values high in molvbdenum and zinc, but relatively low in copper.

Significant high values in terms of mineralization are. however, not as predictable. Thus, important molybdenum mineralization occurs not only in Jurassic intrusions, but also in late-Cretaceous stocks, as at the Ash-Nola property, and in "Cache Creek" rocks at Gillanders Creek. Important copper mineralization occurs not only in Nicola rocks, but also in late-Cretaceous porphyries as at Whip-

		Values (ppm)		
Name	Metal	Margin	Core	
Guichon Creek batholith, rock samples from Brabec and White, 1971	Cu Zn Mo	+100 +30 not available	-50 -20	
Okanagan batholith Regional stream-sediment results from this study	Cu Zn Mo	+ 30 + 50 2.0	-10 -20 + 6	

for all three metals. Fossil evidence from east of Peter Hope Lake (Okulitch, pers. comm., 1976) and at Salmon River, east of Douglas Lake (Read and Okulitch, 1977), suggests that almost the entire outcrop of rocks shown by Cockfield (1948) to be "Cache Creek" Group(?), in the Douglas Lake area, could be late-Triassic, Nicola Group volcaniclastic sediments. Cockfield (p. 8, 1948) was aware of this possibility when he wrote: "The Cache Creek - Nicola contact was, therefore, drawn where rocks became preponderantly of volcanic origin, that is at the base of the massive Nicola greenstone".

Thus, the obvious geochemical contrast between the two areas shown as Unit 1, "Cache Creek", on Figure 6 clearly reflects the considerable difference in lithology between the volcaniclastic sediments, shales and sandstones in the north and the chert, shale and greenstones of the south. This difference may also be one of geological age.

PATTERNS OF METAL ZONING WITH ROCK TYPES OF A GIVEN AGE

The moving-average contour maps of the stream-sediment data (Figs. 7, 8 and 9) display well-marked and characteristic zoning patterns of metal distribution over the Jurassic batholiths. There is a positive pattern with regard to the molybdenum values and a negative pattern with regard to the copper and zinc values. This feature of negative zoning with respect to copper and zinc has been shown to occur in the equivalent-aged Guichon Creek

saw Creek and the Ash-Nola property, in the Jurassic Brenda stock and in "Cache Creek" rocks at Gillanders Creek.

In addition to the distribution of regional high-value areas, there are interesting variations in the average regional background for the different metals within the same geological unit; e.g. in the "Cache Creek" rocks a contrast is seen in the regional pattern of molvbdenum, copper and zinc between the northern area, east of Douglas Lake, and the southern area about Keremeos, with the latter showing consistently higher metal contents, as shown below:

	Mo ppm	Cu ppm	Zn ppm
Northern area	1.0	25	50
Southern area	+2.0	+ 40	+60

The northern outcrop area has no regional anomalies, whereas the southern outcrop area has high-value zones batholith by Brabec and White (1971), although they used rock samples rather than stream-sediment samples (Table 6).

Most of the late-Cretaceous intrusions are too small to generate a metal zoning pattern, but the largest intrusion of this age, the Verde Creek pluton, is positively zoned with respect to zinc. The Tertiary Nicola batholith also has a positive zinc zoning pattern: regional Zn content at the margin is 35 ppm and near the core it is greater than 60 ppm.

RELATIONSHIP TO MINERALIZATION

With regard to economic mineralization, it is interesting to note that: (1) Brenda is associated with regional anomalies in molybdenum (+6.0 ppm), copper (+80 ppm) and zinc (+120 ppm); (2) Copper Mountain has high regional values for copper (+110 ppm) and molybdenum (+3.5 ppm); (3) the Ash-Nola property has high regional values in all three metals (molybdenum +4.0 ppm, copper +110 ppm, zinc +140 ppm); (4) the Whipsaw Creek property has regional anomalies in copper (+110 ppm), zinc (+140 ppm) and molybdenum (+2.0 ppm); (5) the Axe property has high regional values in copper (+100 ppm). Similar details can be plotted for almost all the known major occurrences in the project area.

From this discussion, it can be seen that computer treatment of systematically collected geochemical streamsediment data and production of moving-average metal maps can lead to a better understanding of the metallogeny of an area. Although this survey involved only three metals, similar regional geochemical maps could be produced for any number of metals.

Recommendations

Regional, geochemical or airborne geophysical surveys produce much data that, when integrated with geology, yield a great deal of information of general interest to academics, government agencies and mineral exploration groups. However, in most of Canada this regional information does not become part of the general data pool, because the work is normally carried out before claim staking and is therefore not recorded in assessment files. It would seem worthwhile for the relevant government agencies to revise their assessment regulations to make regional surveys carried out prior to land acquisition eligible as an allowable expenditure to set against the properties acquired as a result of that survey.

Such a regulation would eliminate needless duplication of regional surveys, the data would be accessible to all after a confidentiality period and the samples could be made available for use by other groups for additional analyses.

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PRCJECT PRINIC STREAM GEDCHEMISTRY

- i -

COMPUTER APPLICATIONS AND SYSTEMS ENGINEERING

2100 EGLINTON AVENUE WEST, TORONTO 10, ONTARIO, CANADA, M6E 2K7

TELEPHONE 783-2442

APPENDIX II

CANADIAN OCCIDENTAL PETROLEUM

STREAM SEDIMENT GEOCHEMISTRY

PROJECT PRINIC

REPORT OF NUMERICAL TREATMENT

harter

fuciano Martin, P. Eng.

PRCJECT PRINIC STREAM GEOCHEMISTRY

U HISTOGRAM AND CUMULATIVE FREQUENCY PERCENTAGES

- ii -

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IERV	FREQ.	CUM. FR	
	0.0		
0-50	0.78	0.0	*
0.60	0.51	0.78	*
0.70	0 00	1.30	•
0.480	0.80	2.09	
0.90	1.11	3.20	**
1.00	1.97	5,17	* * *
	6.34		* * * * * * * * * * *
1.20	17.77	11.01	*** * * * * * * * * * * * * * * * * * *
1.60	14.05	29-28	*** ***
2.00	10 04	43.33	***
2.50	10.94	54.28	····
3.20	9.86	64.14	*** ******
.00	7.27	71.41	*** ******
5 00	6.00	77 41	*** * * * * * * * *
	5.32	00 70	* + * * * * * * * *
6.30	4.59	82.13	***
8.00	3.38	87.33	* ** * * *
10.00	2 68	90.70	
12.50	2.00	93.38	
16.00	2.09	\$5.47	· · · · · · · · · · · · · · · · · · ·
20.00	1.50	96.97	**
25.00	0,89	97-87	*
21 60	0.70	C0 57	*
51.50	0.42	90.01	
40.00	0.43	58.99	
50 .00	0, 19	99.42	
63.00		99.61	
00.00	U. 17	99.76	
100.00	0.07	99.82	
999.90	0.18	100.00	

PROJECT PRINIC STREAM GEOCHEMISTRY STATISTICAL SUMMARY OF ALL SAMPLES (ETAL AR. MEAN STD. DEV GEOM MEAN GEOM DEV LN VAR RANGE SMPLS LOW HIGH U 4.687 9.969 2.748 10.156 0.7734 0.500 4)1.000 7401 ۰.

SUMMARY EXCLUDING HIGHEST ANOMALOUS VALUES

METAL AR. MEAN STD. DEV GEOM MEAN GEOM DEV IN VAR CUT-OFF SMPLS TOTAL

U 3.282 2.884 2.461 2.998 0.5271 16.030 7066 7401

iii -

PROJECT PRINIC STREAM GEOCHEMISTRY

<u> </u>	CLASS	LIM 5.5	8.5	11.5	14.5	99999 .7
5 U		5867 79.3	652 8.8	321 4.3	176 2.4	385 5.2
U	CUMUL	79.3	8 88.1	92.4	94.8	100.0
CU	CLASS	LIM 45.0	67.0	89.0	111.0	9999 9 .7
CU		5836 74.9	1053 13.5	436 5.6	202 2.6	262 3.4
CU	CUMUL	74.9	88.4	94.0	96.6	100.0
ZN	CL ASS	LIM 65.0	87.0	109.0	131.0	9999 9.7
ZN		5992 76.9	977 12.5	320 4.1	163 2.1	337 4.3
ZN	CUMUL	76.9	89.5	93.6	95.7	100.0
MO	CLASS	LIM 2.0	3.0	4.0	6.0	99999.3
MO		5885 75.6	812 10.4	578 7.4	109 1.4	405 5.2
МО	CUMUL	75.0	86.0	93.4	94.8	100.0
	•		NUMBER OF	SAMPLES =	7789	

- iv

PRINIC GEOCHEMISTRY POSITIVE RESIDUALS

STATISTICAL SUMMARY OF ALL SAMPLES

METAL	AR. MEAN	STD. DEV	GEOM MEAN	GEOM DEV LN	VAR	R	ANGE	SMPLS
						rom	HIGH	
U	3.794	13.471	0.437	13.883 5.7	172	0.100	385.600	2955
	S UMM	ARY EXCLUD	ING HIGHEST	ANCMALOUS	VALU	ES		
METAL	AR. MEAN	STD. DEV	GEOM MEAN	GEOM DEV	LN	VAR (CUT-DEE SME	PLS TOTAL
			••					

- v -

U 1.707 2.815 0.345 3.128 4.9309 16.000 2801 2955

PRINIC GECCHEMISTRY POSITIVE RESIDUALS

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U HISTOGRAM AND CUMULATIVE FREQUENCY PERCENTAGES

INTERV PPM	FREQ.	CUM.FR	
0.10	20.30	20.30	*** * * * * * * * * * * * * * * * * *
0.20	8.63	28.93	*** * * * * * * * * * * * * * * * * * *
0.20	7.24	36 18	* * * * * * * * * * * * * * *
0.00	5.55	43 72	* * * * * * * * * * *
0.40	4.33	41+13	* * * * * * *
0.50	3.42	40.49	*** * * *
0.60	3.21	49.48	* * * * * *
0.70	2.50	52.69	*** * *
0.80	2.06	55.19	*** *
0.90	1.73	57.26	** *
1.00	3.18	58,98	* * * * * *
1.20	2.71	62.17	*** * *
1.40	2.17	64.87	*** *
1.60	2.20	67.04	*** *
1.80	1.49	69.24	**
2.00	3,42	70.73	* * * * * *
2.50	4.33	74.15	***
3.20	3.28	78.48	* * * * *
4.00	3,25	81.76	* * * * * * * * * * * * * * * * * * *
5.00	2.67	85.01	* * * *
6.30	2.30	67.68	キ ぷな 本
8.00	1.52	89.98	***
10.00	1.73	91.51	* * *
12.50	1.56	93.23	* * *
16.00	1.29	54.79	**
20.00	0,95	96.07	*
25.00	7.98	\$7.02	*** * *
999.90	2.4 /0	109.09	NUMBER OF SAMPLES = 2955

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Sample:	Sample No.					
East North:	UTM Coordinates					
U:	Measured U value					
UR S:	Residual U value					

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SAMPL	E EAST	NORTH	UDRURS	SAMPLE EAST	NORTH	UORURS	
•	-						
	·······						
1	690630	5576610	1.0 -0.3	2 686970	5568310	1.2 -0.2	
3	687140	5569340	0.9 -0.5	4 687580	5570070	0.8 -0.3	
5	686060	5569290	1.2 -0.2	6 685790	5569830	1.1 -0.3	
7	685430	5570600	0.9 -0.5	8 685650	5570980	1.3 -0.1	
· 9	685100	5570750	1.1 -0.3	10 684380	5571680	1.4 -0.7	
11	685000	5568150	1.1 -0.3	12 684960	5567760	1.1 -0.8	
13	684200	5567510	1.7 -0.2	14 684160	5567100	1.2 -0.4	
- 15	683350	5567020	1.1 -0.5	16 683520	5566860	1.0 -0.6	
<u>لا الم الم الم الم الم الم الم الم الم ا</u>	682900	5566840	1.2 -0.4	18 683050	5566460	1.6 -0.0	
/ 19	682780	5566410	1.3 -0.3	20 682550	5565960	1.1 -0.5	
21	690330	5577510	1.3 -0.1	22 688150	5576250	1.2 -0.3	
23	687360	5576220	1.4 - 0.4	24 686840	5576440	1.2 -0.6	
25	680320	5564070	1.4 -0.8	26 681060	5563990	1.6 -0.6	
27	681750	5564000	1.5 -0.7	28 682560	5564020	1.5 -0.0	
29	683280	5564220	1.5 -0.0	31 693480	5557510	1.7 0.2	
32	693060	5557680	1.5 -0.0	33 692430	5558210	1.5 0.1	
34	692300	5558450	1.2 -0.2	35 692440	5558500	1.5 0.1	
36	691670	5558730	1.5 0.1	37 691500	5558960	1.4 0.0	
. 38	690850	5559830	1.7 0.3	39 689950	5560520	2.0 0.6	~~ <u> </u>
1 40	689000	5561400	1.5 0.1	41 688250	5581290	1.6 0.1	
42	688760	5581400		43 688650	5580790	1.3 -0.3	
44	689180	5579500	2.3 0.7	45 689020	5579140	2.1 0.5	
46	688610	5579040	1.1 -0.5	47 688360	5562190	$\frac{1.1 - 0.3}{1.2 - 0.1}$	
48	688450	5562770	1.5 0.1	49 688680	5563500	1.3 -0.1	
50	689110	5564180	1.3 -0.1	51 690310	5578500	$\frac{1.7}{1.2}$ 0.3	
52	690920	5579730	$0 \cdot 7 = 0 \cdot 7$	53 689880	5578000	1.2 -0.4	
54	689760	5577630	1.4 -0.2	55 688950	5577700	$\frac{1.0 - 0.0}{1.3 - 0.5}$	
56	688320	5577410	1.2 -0.3	57 68/150	5577050		
	686500	22/6/20	$\frac{0.9 - 0.9}{2.7 - 0.9}$	27 017200	5561040	1.3 -2.0	
60	680420	2201010	2.1 0.0	21 00002U	5567000	2.1 .1 0	
02	687530	5566430	1.3 0.0	6 6 6 7 1 6 0	5565190		·
1 77	68/3/0	5566040	1.5 -0.0	67 607200	5567350	1 - 0 - 0 - 3	
<u>+ 00</u>	666950	5565055	$\frac{1.4}{-1.0}$	60 697770	5563460	$\frac{1 \cdot 2}{1 \cdot 2} = 3 \cdot 1$	
71	607470	5561470	-1.0 0.0	77 681330	5562300	2 4 0 5	
72	600700	5561593	$\frac{1}{1}$ $\frac{1}{4}$ $\frac{-0.2}{1}$	74 682220	5561910	$\frac{2.4}{1.4}$ -0.5	
75	682540	5577600	$1 \cdot 4 = 0 \cdot 1$	74 002220	5578610	2-8 0-9	
	685290	5577200	1.1 - 0.6	78 685750	5577150	$\frac{2.0}{1.5-0.3}$	
79	686340	5577150	4-5 2.7	80 686180	5576300	1.0 -0.8	
81	686070	5576320	1.1 -0.7	82 686080	5575750	2.2 0.4	<u> </u>
83	685650	5574930	1.9 0.4	84 685590	5574430	1.5 - 0.0	
- 85	685290	5573910	$\frac{1}{1.4} - 0.1$	86 683950	5563880	1.5 -0.0	
87	684100	5563390	2.5 1.0	88 684850	5563100	1.4 -0.1	
89	685770	5562780	1.5 0.1	90 686430	5562290	2.0 0.6	
91	686910	5562540	1.6 0.2	92 687340	5562200	2.0 0.6	
93	688500	5561080	1.2 -0.2	94 688340	5560940	1.3 -0.1	
95	687850	5560560	1.2 -0.2	96 688030	5559650	2.1 0.8	
97	687800	5562830	1.3 -0.1	98 687980	5562570	1.3 -0.1	
99	687740	5562190	1.3 -0.1	100 685550	5572750	1.0 -0.5	
101	686700	5572470	0.7 -0.7	132 687080	5572610	1.3 -0.2	
104	688090	5572000	1.5 0.4	105 689550	5570300	1.2 0.1	
106	689290	5571620	-1.0 0.0	107 689350	5572500	0.8 -0.5	
108	689270	5573060	0.6 -0.7	109 683150	5561730	1.5 0.1	
110	688020	5561630	1.6 0.2	111 681080	5564550	1.2 -1.0	
112	681150	55656 6)	1.4 -1.2	113 681960	5565960	1.3 -1.3	
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PRINIC GEOCHEMISTRY U RESIDUALS LIST PAGE I

PRINIC GEOCHEN	IISTRY U.R	ESIDUALS LIST	PAG	E 2	
SAMPLE EAST NOR	HUORURS	SAMPLE EAST	NOR TH	UORURS	
114 682600 556518	1.2 - 0.4	115 682830	5564640	1.4 - 0.1	
	0 1.2 -0.9	119 684390	5564530	$1 \cdot 2 = 0 \cdot 3$	
	$\frac{3}{10}$ $\frac{1}{10}$ $\frac{3}{10}$ $\frac{1}{10}$	121 689550	5564880	1.2 -0.2	
122 689530 556533	1.0 - 0.3	123 689660	5565910	1.3 0.0	
124 689520 55659	1.3 0.0	125 689350	5566560	1.5 0.2	
126 689520 556646	0 1.3 0.0	127 689580	5567120	1.1 -0.2	
128 689530 556779	i0 0.9 -0.3	129 689670	5567930	1.0 -0.2	
130 689800 556840	0.9 -0.3	131 689900	5569270	-1.0 0.0	
132 690160 557093	0.9-0.3	134 690330	5571640	$1 \cdot 1 - 0 \cdot 1$	
135 690750 557143	0 1.1 - 0.1	136 685100	5581520	1.2 -0.6	
137 684800 558202	1.2 -1.6	138 684520	5582650	1.5 -1.5	
139 684360 55834	0 1.2 - 1.8	140 684410	5584320	$\frac{1.3 - 1.7}{1.2 + 1.0}$	
	0 1.2 -0.4	142 682130	556486U	$1_{*}2 = 1_{*}0$	
	$2 \cdot 3 - 0 \cdot 8$	144 681700	5572750	7 6 4 9	
	10 1.9 - 1.2	140 001000	5572150	$7 \cdot 0 + 2$ $7 \cdot 3 - 1 \cdot 1$	
	$\frac{10}{10}$ $\frac{3.3}{1}$ $\frac{1.1}{1}$	148 002310	5576760	4.9 0.7	
	1.5 0.2	152 691330	5566270	1.5 0.2	
153 691660 55672	$\frac{1}{10}$ $\frac{1}{1.3}$ -0.0	154 692520	5567220	1.2 -0.3	·
155 692930 556768	30 0.5 -0.9	156 693510	5568260	1.7 0.3	
157 694250 556875	0 1.4 -0.0	158 692870	5570060	1.1 -0.3	
159 692890 557104	0 0.9 -0.5	160 693060	5570830	0.7 -0.7	
161 681020 555816	0 1.1 -0.5	152 686260	5546870	3.0 0.9	
163 686640 554708	30 1.7 -0.4	154 686900	5548000	1.8 0.1	
165 686950 554888	30 1.8 0.1	166 686650	5550850	0.9 -0.5	
167 686150 55497	1.0 -0.7	158 686130	5549120	1.2 -0.5	
	1.2 - 0.5	171 693030	5585830	2.0 - 0.1	
	1.2 - 0.9	173 692760	5586050	$\frac{1.6 - 0.5}{2.0 - 0.0}$	
		173 691360	5584990	$2 \cdot 0 = 0 \cdot 0$	
178 694820 556566	$\frac{1.3}{2.6}$	179 694460	5565760	1.1 -0.4	
180 694200 55656	0 1.7 0.2	181 688560	5559160	1.2 -0.1	
182 689050 555843	10 1.1 - 0.2	183 689710	5558650	1.1 -0.2	
184 690250 555867	0 1.3 -0.1	185 690550	5558460	ī.5 0.1	
186 690270 555793	0 0.9 -0.5	187 690550	5557770	1.0 -0.4	
. 138 691170 555855	0 1.7 0.3	189 691400	5558550	1.3 -0.4	
190 691600 555828	30 1.3 -0.I	191 691710	5557770	1.3 -0.1	
192 691900 555816	0 1.3 -0.1	193 692780	5591930	1.9 -0.1	
194 693100 559175	0 1.9 -0.1	195 693650	5591420	1.6 -0.4	
	$\frac{0}{1 \cdot 1} - \frac{1 \cdot 2}{1 \cdot 2}$	197 697720	5559580	1.8 0.0	
		199 697290	5561080	2.9 1.2	
	20 2.0 0.3		5561400	2.3 0.5	
202 0900 00 0000	$10 \ 2 \ 0 \ 0 \ 0$	205 695620	5562310	1.3 -0.4	
207 690050 55739	0.8 - 0.4	208 689550	5574670	1.0 -0.3	····· ,
209 689850 557544	0 1.3 -0.2	210 686550	5556420	0.9 -0.3	
211 685950 555635	0 1.3 0.1	212 686410	5557360	1.1 - 0.1	
213 686070 555835	<u>50 1.0 -0.3</u>	214 685260	5557980	1.0 -0.3	
215 684680 555819	1.3 -0.1	216 685720	5559260	1.2 -0.1	
217 686700 555979	0 1.5 0.2	218 686610	5560580	1.2 -0.2	
219 688180 558718	30 2.1 0.1	220 688530	5586400	1.5 -0.5	
221 687420 55859	$\frac{30}{1.0}$ $\frac{1.0}{1.7}$	222 688660	5585520	1.0 -1.0	
223 691470 559022	20 2.1 0.0	224 691300	5590360	5.8 1.7	
225 691120 55908	1-5-0-6	220 091150	2240410	1.5 -0.8	

Ţ	PRINIC	GEOCHEMIS	STRY URE	ESIDUALS LIST	PAG	E 3	
	SAMPLE EAST	NORTH	U OR U RS	SAMPLE EAST	NORTH	UORURS	
	227 691310	5590960	1,3 -0.8	228 691200	5591570	1.3 -0.8	
	229 691320	5591670	1.0 - 1.1	230 691260	5592420	1.3 -0.8	
	232 690540	5564200	$\frac{2 \cdot 1}{1 \cdot 0} = 0.5$	235 685560	5563920	1.6 0.2	
•	234 685820	5563820	1.0 - 0.4	237 686030	5563750	0.9 - 0.5	
	238 686190	5563400	1.4 0.0	239 686810	5563150	1.4 0.0	
	240 687250	5563260	1.5 0.1	241 694640	5557000	1.9 0.3	
	242 694200	5555530	2.4 0.8	243 692900	5554070	1.4 -0.3	
	244 693160	5553810	1.2 -0.5	245 695810	5570130	1.6 -0.0	
	246 696190	5570500	3.5 1.9	247 696140	5570840	1.7 0.1	
	248 696990	5572800	1.5 -0.1	249 696990	5572790	2.9 1.3	
	250 696820	5572370	1.5 -0.1	251 696390	5571550	1.5 -0.1	
	252 694330	55/0500	1.1 - 0.3		5540440	1.4 0.0	
	254 683230	5540040	1.7 - 0.2	257 693100	5593300	5.4 3.6	
	258 695650	5563290	$\frac{1.7 - 0.2}{1.5 - 0.2}$	259 695600	5565070	1.4 -0.3	M.
	260 689330	5550000	1.5 0.1	251 688900	5549160	1.0 -1.1	
_	262 688620	5548870	2.3 0.2	263 690240	5586620	1.7 -0.3	
	264 690100	5586630	15.7 13.7	255 689990	5587130	2.0 -0.0	
-	266 689950	5587600	1.5 -0.7	258 689600	5588250	5.5 3.0	
	269 689580	558730 0	0.5 -1.5	270 689700	5587110	1.5 -0.5	
	271 704150	5560940	2.9 0.6	272 703500	5561110	1.9 -0.4	
	273 703030	5561840	2.3 -0.0	274 693730	5590730	2.8 0.8	
	275 694000	5589930	2.4 0.3	276 694570	5590090	1.6 -0.4	
	277 694670	5589320	2.4 0.3	218 692660	5558840	1.3 -0.2	<u>. ,</u>
	219 693020	5558700	1.4 - 0.1	282 692000	5559810	1.5 - 0.0	
	283 692980	5560130	$\frac{1.5 - 0.2}{1.4 - 0.1}$	284 693100	5560290	1.3 -0.2	
	285 693510	5560420	1.3 -0.2	286 693780	5560400	1.6 0.1	
	287 693860	5592700	2.6 0.8	238 694520	5592040	2.1 0.1	
	289 694400	5592460	2.0 0.0	290 683160	5548250	1.8 0.2	
ï	291 682870	5547520	4.1 2.5	292 683230	5547230	2.0 0.2	
н	293 683740	5546660	4.8 3.0	294 689000	5584760	1.2 -0.5	
	295 699500	5562120	1.3 -0.6	296 699170	5562980	1.3 -0.6	
	297 698860	5563760	1.6 -0.3	<u>298 698040</u>	5564180	1.5 -0.4	
	299 697660	5563190	1.7 -0.2	301 697440	5562560	1.2 -0.5	
	302 696770	5552320	$2 \cdot 1 0 \cdot 4$	303 108210	5550760	1.3 -0.8	
	306 691393	5550340	$1_{+} + -0_{+} -0_{-}$	307 690130	5550250	1.5 -0.4	
	308 690150	5549870	1.2 -1.9	309 687580	5545410	1.1 -1.7	
	310 685560	5544010	1.3 -1.1	311 684480	5545690	1.5 -0.3	
******	312 684060	5547360	1.2 -0.6	313 683500	5549050	1.0 -0.6	
	314 682900	5550010	-1.0 0.0	315 682440	5551290	0.9 -0.5	
3	316 681540	5552360	0.8 -0.5	317 681220	5553200	1.4 0.0	
·	318 681210	5553540	1.3 -0.1	319 680290	555 <u>5880</u>	1.3 -0.1	
	320 680580	5557380	1.1 -0.3	321 680250	5558550	0.6 -1.0	
	322 680040	5559910	1.5 - 0.6	323 679970	5560040	1.9 -0.2	
	324 686390	2246000 5595500	2.9 0.8 1 0 -1 7	323 584970	2282740 5585257	$1 \cdot 0 = 3 \cdot 2$	
	320 003400	5505700	$\frac{1.0 - 1.1}{2.3 - 0.4}$	329 686000	5586040	1.0 - 1.7	
	330 686080	5586380	$0_{-}9 - 1_{-}8$	331 686320	5585120	$1 \cdot 0 = 1 \cdot 1$	
	333 686300	5584610	1.3 -0.7	334 686470	5584070	1.1 - 0.9	
	335 687030	5583720	1.5 -0.5	336 687300	5583330	1.7 -0.3	
	337 685500	5555060	1.0 -0.2	338 684850	5553830	1.3 0.1	
	339 685160	5553510	1.0 -0.2	340 685940	5553230	1.0 -0.2	
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PRINIC GEOG	CHEMISTRY U R	ESIDUALS LIST PAG	GE 4
SAMPLE EAST	NORTH U OR U RS	SAMPLE EAST NORTH	UORURS
341 685040 555	53200 1.2 0.0	342 684380 5554000	1.5 0.3
343 683950 555	52780 0.8 -0.4	344 683900 5552470	1.2 -0.2
345 692380 559	93070 1.3 -0.5	346 692500 5593330	1.5 -0.3
347 692280 55	93970 1.7 -0.2	348 692400 5594120	1.3 -0.6
349 689800 55	50750 1.4 -0.0	350 689550 5551080	1.3-0.1
351 688/80 55	50460 0 <u>9</u> -0.5	352 688720 5551580	
	52590 0.6 -0.7	354 690150 3333100	
357 691510 550	$92000 1 \cdot 1 = 0 \cdot 4$	358 691800 5592500	1.5 -0.4
359 692220 559	91840 2.3 0.2	360 692420 5592260	2.1 0.0
361 687620 554	44700 1.6 -1.6	352 689500 5544340	4.3 1.1
363 692450 554	95460 2.8 1.0	364 692250 5595400	1.1 -0.7
365 692930 55	94810 1.3 -0.5	366 693470 5594050	1.4 -0.4
368 696750 55	59540 1.3 -0.4	369 696000 5558920	1.2 -0.5
370 695660 55	59420 1.2 -0.5	371 695760 5559490	1.4 -0.3
372 694840 555	58710 1.4 -0.1	373 702960 5561930	1.5 -0.8
374 702180 550	<u>62250 1.7 -0.4</u>	<u>375 701750 5562130</u>	<u>_6.0 3.9</u>
376 701850 556	61980 4.7 2.6	377 701300 5562830	2.2 0.1
378 701230 550	62960 1.6 -9.5	379 701380 5563000	1.4 - 0.7
	53000 1.0 -0.5	202 602540 5546540	
384 484 090 554	45850 1.2 -0.5	385 684350 5545080	1.8 - 0.0
386 685050 554	45020 1.3 -0.6	387 685230 5544700	2.1 -0.3
388 681850 55	50510 2.7 1.3	389 681400 5549810	2.3 0.7
390 690630 55	81450 1.9 0.3	391 690750 5582190	1.4 -0.3
r 392 690400 558	82600 1.5 -0.3	393 694050 5565890	3.0 1.5
394 692890 550	65320 1.2 -0.3	395 693460 5565340	1.5 -0.0
396 693700 556	65420 1.1 -0.4	397 693430 5564470	3.6 2.0
398 694120 550	63940 1.9. 0.3	399 692380 5562580	1.2 -0.3
400 691850 556	62720 1.1 -0.3	401 690620 5564620	1.1 -0.3
403 684140 55	52110 1.1 -0.3	404 683630 5551850	
405 682020 55	55780 + 1 + 0 - 3 + 4	4J6 682260 5555190	$1 \cdot 1 = 0 \cdot 5$
	56100 1.1 -0.5	408 882560 5556520	
	56600 1.1 -0.3	412 683800 5558940	1.3 -0.1
413 683960 559	59470 1.1 -0.3	414 683820 5560090	2.2 0.7
415 682870 550	60523 1.1 -0.4	416 682650 5558550	1.5 0.1
417 682900 55	53370 1.1 -0.1	418 689420 5553660	1.3 0.0
419 690720 55	52630 1.1 -0.4	420 707000 5564680	1.8 -0.3
421 706910 550	63910 1.5 -0.6	422 706470 5562670	1.8 -0.3
423 706160 550	62280 2.0 -0.3	424 705810 5562690	1.3 -0.8
425 705510 550	62510 1.8 -0.3	426 705880 5562200	5.1 2.8
427 705300 550	62550 1.3 - 0.8	428 705430 5561230	
429 693250 559	4612U 18•1 13•1 -	430 092300 5545750	
431 693010 33	45020 $4 \cdot 1 = 0 \cdot 9$	434 690220 5545130	2.5 - 1.6
435 690010 55 635 680010 55	44190 2.0 -1.2	436 688610 5544360	77.9 74.7
438 688380 55	90850 1.3 -1.3	439 688900 5590910	2.0 -0.6
440 688980 55	91600 1.9 -0.7	441 688710 5592970	1.5 -0.8
442 689000 55	92840 2.6 0.3	443 688890 5592390	2.5 -0.1
4 444 688590 55	92340 1.3 -1.3	445 688930 5591920	9.0 6.4
446 688810 55	89720 4.3 1.8	447 692730 5556010	1.4 -0.2
448 692230 55	56780 1.0 -0.4	449 693130 5556130	1.5 -0.1
450 693450 55	56680 1.2 -0.4	451 684780 5546460	1.6 -0.2
452 682880 554	42660 2.0 0.1	453 682540 5542540	1.4 -0.5

 5	PRINIC	GEOCHEMI	STRY URI	ESIDUALS LIST	r Pag	E 5
	SAMPLE EAST	NORTH	UORURS	SAMPLE EAST	NORTH	UORURS
	454 682080	5542650	1.5 -0.3	455 681580	5543200	0.8 -1.0
	456 682410	5542770	1.5 -0.3	457 682900	5542940	1.3 -0.6
	458 683160	5543760	1.1 -0.8	459 682710	5544250	1.9 0.0
	460 682750	5544530	2.3 0.4	451 683050	5544960	1.5 -0.4
	462 691680	5590170	1.5 -0.5	463 691860	5590070	1.5 -0.6
	464 692350	5589270	1.8 -0.3	465 693130	5588640	2.5 0.4
	466 691790	5588560	1.2 -0.9	467 691110	5586910	1.6 -0.4
	468 703530	5562460	2.0 -0.3	470 703850	5562770	$6 \cdot 0 3 \cdot 9$
	471 705450	5565880	1.1 - 0.4	412 103510	5566220	1.7 - 0.4
	475 704850	5566220	2.0 0.1	474 704450	5565900	1 - 2 = 0.7
	477 690250	5582100	1.8 0.1	478 690030	5581950	1.3 -0.4
	479 689600	5581560	1.4 -0.2	480 689490	5581500	1.4 -0.2
	481 689170	5581690	1.6 -0.0	482 689080	5581770	1.8 0.2
	483 696800	5592430	1.9 -0.7	484 696350	5591960	1.7 -0.9
	485 695840	5591780	2.3 -0.3	486 695540	5592120	1.4 -1.2
	487 695170	5592440	1.3 -1.3	488 694750	5592760	1.5 -0.3
	489 695100	5593310	1.9 -0.3	490 694670	5594000	1.8 -0.0
	491 695540	5594080	1.7 -0.5	492 695370	5594520	1.5 -0.7
	493 695930	5594160	2.3 0.1	494 695910	5594350	
·		5595140	1+7-0+5	496 699980	5505770	$\frac{1+3-0+3}{1-7-0-3}$
	499 680130	5595100	20.012.7	500 680210	5594030	5.1 - 3.6
	501 680880	5594720	2.9 -5.8	502 681310	5594980	6-0 -2-7
	503 681310	5595550	4.5 -2.8	504 680930	5595360	2.3 -5.0
	506 682260	5584340	6.7 2.3	507 707180	5565410	1.7 - 0.2
	508 705650	5564590	1.5 -0.6	509 705250	5563710	1.2 -0.9
	510 689030	5546650	2.3 -0.5	511 689970	5546780	2.9 0.1
	512 690700	5547220	2.6 -1.5	513 691680	5547610	9.0 5.9
	514 684760	5550540	1.1 -0.3	515 684870	5549720	1.1 -0.5
	516 686590	5550160	$\frac{1.0 - 0.4}{0.1}$	<u>517 686410</u>	5549000	1.1 -0.6
	518 686700	5548380	2.1 0.4	519 685870	5548330	2.3 0.5
	520 686030	5541310	$\frac{2.1}{1.3} - 0.9$	521 005700	5541360	$\frac{1.5 - 0.0}{1.2 - 0.2}$
	522 665650	5560680	2 2 8 3	525 690600	5560540	$1 \cdot 1 \to 0.9$
	526 681620	5560520	1.2 -0.7	527 694070	5553870	1.9 0.2
	528 693790	5553070	1.7 -0.0	529 693600	5552640	1.7 -0.0
	530 693970	5552340	2+1 -0.4	531 694230	5552870	5.0 3.3
	532 695500	5553030	1.8 -0.2	533 694200	5553820	1.6 -0.1
	534 690030	5584020	1.3 -0.5	535 690850	5583660	1.5 -0.3
	536 690790	5583180	1.7 - 0.1	537 691720	5583260	1.9 0.1
	538 691930	5583100	3.0 1.2	53 9 682980	5553390	1.7 0.5
	562 602140	5563350	1+1 = 0+3	<u>544 694620</u>	<u> </u>	$\frac{1 \cdot 1}{1 \cdot 2} = \frac{1 \cdot 3}{1 \cdot 3}$
	545 69216U	5563200	5+1 -U+Z 1.5 -0 7	546 4810ch	5563646	
	547 682670	5563500	1.4 - 0.1	548 683480	5563290	1.5 -0_0
	549 683750	5562580	1.3 -0.2	550 683930	5545170	1.2 -0.6
	551 697130	5547000	5.9 1.4	552 697230	5547050	8.8 4.3
	553 696490	<u>554769</u> 0	15.5 11.3	554 695460	5547480	4.6 0.1
	555 694860	5546810	8.5 3.5	556 693760	5546130	2.7 -2.3
	557 695380	5595340	1.7 -0.3	558 696390	5595790	1.7 -0.3
	559 696300	5595850	1.6 -0.4	560 696930	5596330	1.7 -0.3
	561 697930	5596120	1.9 -0.8	562 698700	5596170	2.5 -0.2
	563 699590	5507570	3.0 0.3	564 699580	2276200 5504550	
	010001 606	2221210	2.2 -1.1	220 /00410	2240220	1.1 -1.0

PRINIC	GEOCHEMIS	TRY URE	STOUALS LIST	ΡΑ	GE 6	
SAMPLE EAST	NORTH	UDRURS	SAMPLE EAST	NORTH	UCRURS	
EL7 (9379)	5502/20	3 0 -4 3	569 683170	5591630	45 1 37 8	<u> </u>
569 683580	5591550	13.5 6.2	570 689200	5588360	1.8 -0.7	
[#] 571 6833.80	5587320	5.3 1.1	572 679340	5589020	8.9 1.5	
573 679840	5588960	24.5 17.1	574 680330	5588940	4.3 -3.7	
576 680980	5588290	6.1 -1.9	577 687300	5593150	1.8 -2.0	
578 687530	5592590	1.8 -1.0	579 687810	5591870	1.9 -0.7	
580 687820	5592800	2.6 0.3	581 688080	5592830	1.5 -0.8	
582 688440	5591980	1.5 -1.1	583 688920	5593520	2.0 -0.3	
584 689050	5593630	1.6 -0.7	585 688320	5593850	1.9 -0.4	
586 688280	5594930	1.6 -0.7	587 688060	5595840	1.9 ~0.1	
588 687860	5596950	1.3 - 0.7	501 6939/0	5540050	$\frac{51.5}{20.0}$	
502 602200	556184J	1.1 0.2	591 005740	5561720	0.9 - 0.6	
594 684720	5562140	1.1 - 0.4	595 684520	5562530	1.1 -0.4	
596 684060	5562500	1.4 -0.1	597 685540	5562180	1.4 0.0	
598 685890	5562140	1.4 0.0	599 686150	5561340	1.5 0.1	
600 686330	5561070	1.1 -0.3	601 681400	5568120	1.6 -1.5	
602 681730	5568670	1.7 -1.4	603 681930	5569110	1.3 -1.8	
604 681880	5584880	4.0 -0.4	606 681780	5584650	5.3 0.9	
607 681400	5585060	2.4 -3.1	608 681230	5584880	3.1 -1.3	
609 680530	5585600	3.9 -1.6	610 685420	5546860	1.1 - 1.0	
611 684500	5547850	1.3 - 0.3	612 683010	5586000	4.5 0.5	
615 682200	5582600	21-09	614 683530	5583970	4.7 1.7	
617 683320	5583270	2.9 - 0.1	618 682770	5582520	2.6 -0.4	
r 619 682500	5581900	3.0 0.2	620 681390	5580710	2.5 -2.0.	
621 681 790	5580930	4.3 -0.2	622 679460	5595750	3.2 -4.8	
623 679480	5596330	7.0 -1.0	624 679850	5596900	5.6 -2.4	
625 686250	5591410	4.4 0.1	626 685450	5591000	1.7 -2.6	······································
627 684900	5590840	2.7 -4.6	628 684480	5591540	1.8 -5.5	
629 683920	5592140	6.7 -0.6	630 684970	5547680	1.1 -0.5	
631 684760	5548720	0.9 - 0.7	632 691190	5582210	$2 \cdot 1 1 \cdot 1$	
633 1016/0	5543590	$\frac{1.1 - 1.0}{2.0 - 0.7}$	637 690230	5543580	$2 \cdot 1 - 1 \cdot 4$	
638 697000	5543280	8.5 5.0	639 696900	5542890	5.5 2.0	
640 695760	5542820	1.7 -1.8	641 695390	5542780	1.6 -1.9	
642 693420	5542340	3.3 0.4	643 693350	5542190	2.5 -0.4	
644 692000	5543220	4.6 0.6	645 690310	5543820	3.1 -0.9	
646 678100	5596570	113.0105.0	647 677750	5596420	5.7 -2.3	
648 677570	5594760	13.8 5.5	649 677330	5595350	3.8 -2.5	
650 670360	5555000	0.5 -1.2	651 669700	5555340	$\frac{1.1 - 0.3}{0.1 - 0.3}$	
652 669100	5555840	0.7 -0.7	653 669490	5556230	0.6 - 0.8	
654 668990	5557500	$\frac{1.1 - 0.3}{1.0 - 1.9}$	<u> </u>	5558400	0.8 - 2.1	
658 668200	5558680	$1 \cdot 0 = 1 \cdot 7$	659 681380	5579830	6.0 1.3	
660 681390	5579050	6.7 2.0	651 681540	5578180	3.1 -1.6	
662 681630	5577260	3.5 -0.7	663 692300	5582460	3.0 1.4	
664 692610	5581650	2.0 0.4	655 693880	5582040	1.2 -0.4	
666 693450	5583000	1.4 -0.5	657 693080	5583680	1.7 -0.2	
r 668 693650	5583810	1.5 -0.4	659 693530	5584170	2.0 0.1	
671 678760	5591640	37.3 28.8	672 677560	5591100	4.1 -4.4	
673 677570	5589780	6.8 -0.6	674 677170	5590340	8.4 2.9	
675 683190	5501220	$\frac{2 \cdot 1}{11 \cdot 2} = \frac{0 \cdot 7}{5 \cdot 9}$	678 677000	<u>5590790</u>	10.7 5.2	
011 010100 470 475100	5591550	13-42	680 675120	5591900	2.5 -3.0	
017 012180	7791020	1.3 7 7.2	000 010100	2291900		

ŗ	1	PRINIC	GEOCHEMI	STRY	URI	ESIDUA	LS LIST	Γ ΡΑ(GE 7		
	SAMP	LE EAST	NORTH	UDR	URS	SAMPI	EEAST	NORTH	UOR	URS	
											<u></u>
	681	674570	5592140	1.9	-1.3	682	681630	5588240	6.5	-1.5	
	683	700790	5591080	5.8	-1.3	684	700870	5591960	13.6	6.5	
	685	700650	5592890	14.4	9.5	686	100480	5593960	2.7	3.2	
	687	100220	5574850	2.0	-2.5	600	6999910	5552020	2.1	-0.1	
	607	664490	5552050	1.5	0.3	69.0	664560	5552170	1.4	0.1	
	693	663350	5552290	1.5	0.2	694	664040	5551340	1.7	0.4	
r	695	663490	5552070	1.2	-0.1	696	662550	5552250	1.4	0.1	
ľ	697	661620	5552830	1.3	-0.1	698	660960	5552890	1.7	0.3	
	699	668250	5546590	1.5	-0.2	700	680840	5585750	3.9	-1.6	
	702	680760	5586610	4.5	-1.0	703	703670	5593690	2.0	-2.5	
	704	703900	5593270	2.2	-2.3	705	704160	5592130	3.7	-1.9	
	706	704040	5591180	7.0	1.4	707	704780	5591490	5.6	0.0	
	708	6/4/10	5551950	1.4	0.2	709	679550	5555760	1.2	-0.4	
	710	680020	55557240	1.5	0.1	$\frac{11}{712}$	680120	5557080	2.0	-1 0	
	714	670510	5557450	×1 - 3	-0.3	715	679250	5558820	1.5	-0.9	
	716	675 310	5551690	1.1	-0.3	717	679270	5559390	4.0	1.6	
	718	679280	5559550	1.5	-0.9	719	671530	5550800	0.9	-0.3	
 1.	720	685040	5590290	2.2	-2.1	721	684340	5589200	10.3	4.1	
h	722	684190	5588890	10.2	4.0	723	684010	5588440	16.8	10.6	
	724	683540	5587870	3.2	-3.0	725	683530	5587080	4.6	0.4	
	726	689250	5596620	1.9	-0.1	727	689380	5596880	3.1	1.1	
	728	689590	5597160	1.0	-1.0	729	690030	5597090	1.1	-0.7	
	730	690100	5596420	2.7	0.9	731	690900	5594550	$\frac{1.0}{0.0}$	-0.9	
	132	691300	5594520	1.3	~0.5	133	690640	5595470	0.8	-1.0	
	727	691030	5597320	1 8	-1.0	73.8	692460	5596950	0.9	-0.9	
	739	693950	5597510	1.1.	-0.6	740	681490	5588500	11.1	3.1	
	741	680930	5589040	12.2	4.2	742	681040	5590380	42.8	33.3	
	743	682790	5587880	5.3	-0.9	744	684550	5595120	5.2	-0.0	;
	745	684260	5595490	1.7	-3.5	746	684080	5595340	1.5	-3.7	
	747	683830	5595550	2.1	-3.1	748	683400	5596590	4.9	-0.3	
	749	683100	5596690	3.6	-1.6	750	684480	5596080	2.1	-3.1	
	751	686280	5595000	3.0	-0.1	752	686350	5595190	1.9	-1.2	
	753	686610	5595390	1.0	3.9	754	684960	5596490	3.3	-1.9	
	155	685010	5503770	<u> </u>	-0.0	75 8	705040	55970040	3.0	-1.0	
	759	705080	5597780	1.4	-2.0	750	683970	5590710	11.9	4.6	
·····	761	683970	5589970	11.3	5.1	752	684500	5589430	11.7	5.5	
	763	685030	5588890	0.8	-3.0	754	684870	5587740	1.2	-5.0	
	765	685660	5587020	1.9	-0.8	756	687150	5588000	1.8	-2.0	
	767	686960	5587300	1.2	-1.5	758	687130	5587250	1.0	-1.7	·····
7	770	687250	5586760	1.7	-1.0	771	687330	5586370	0.8	-1.9	
	772	687870	5584850	0.7	-1.0	773	687350	5584290	1.1	-0.6	
	774	686530	5583070	1.4	-0.6	775	685810	5582530	1.2	-0.8	
	770	680680	3545073	2.8	1.1	$\frac{111}{770}$	684190	5599790	1.5	-1.3	
	780	705710	5595863	2.2	-1.2	781	705020	5505700	2.6	-0.2	
	782	706570	5595830	2.2	-1.2	783	666130	5549510	1.7	0.2	
	784	665870	5549670	1.0	-0.5	78 5	564740	5550350	0.9	-0.4	
	786	664290	5550810	1.6	0.3	787	664010	5550780	1.3	0.0	
	788	663100	5551110	1.4	0.1	789	662180	5551630	1.1	-0.3	
	790	661060	5552040	1.5	0.1	791	660730	5552490	1.0	-0.4	
	792	666600	5547360	0.7	-1.0	793	665550	5547570	0.7	-0.8	

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	PRINIC	GEDCHEMIS	TRY UR	ESIDUALS LIST	r pag	E 8	
	SAMPLE EAST	NORTH	UORURS	SAMPLE EAST	NORTH	UORURS	
	794 665590	5547770	1.1 -0.4	795 665020	5547910	1.4 -0.1	
	796 663540	5548220	1.4 0.1	797 663470	5547840	1.0 -0.3	
	798 663180	5547680	1.3 -0.1	799 663340	5546920	1.1 -0.4	
	800 697100	5587480	3.7 1.3	801 697410	5586650	2.8 0.4	
	802 670100	5551500	$\frac{1.5}{1.2}$ 0.3	803 669700	5551080	1.1 -0.2	
	804 670130	5550140	1.5 0.1	816 670590	5549650	0.9 - 0.4	
	061016 108	5550050	$\frac{1 \cdot 1 - 0 \cdot 1}{1 \cdot 4 \cdot 0 \cdot 1}$	810 668470	5550590	1.4 0.1	· · · · · · · · · · · · · · · · · · ·
	811 667960	5549410	1.0 - 0.5	812 667590	5548660	1.6 0.1	
	813 667330	5548260	1.4 -0.1	814 666780	5547790	1.3 -0.2	
	815 669960	5545760	1.2 -0.5	816 670250	5546790	1.2 -0.3	
	817 670850	5545660	1.0 -0.5	818 671060	5545690	0.9 -0.6	
·	819 670550	5544950	1.0 -0.4	820 703000	<u>5595090</u>	3.7 0.3	
٢	821 669270	5552380	0.5 -0.8	822 669250	5553100	1.0 -0.1	
	823 669350	5553800	0.9 -0.2	824 668830	5552270	0.9 -0.4	
	825 668460	5551860	1.3 0.0	826 667950	5551820	1.0 -0.3	
	920 666550	5550560	$\frac{1+7}{0}$	828 666180	<u> </u>	1.2 - 0.1	
	831 679880	5553230	1 0 - 0.4	832 679510	5552860	1.0 0.2	
	833 679080	5553240	2.5 1.1	834 679090	5553510	1.2 -0.2	
•	835 678320	5553130	1.5 0.1	836 678280	5554070	1.8 0.4	
	837 678320	5555020	1.7 0.1	838 678520	5555320	1.5 -0.1	· · ·
	<u>839 678400</u>	5555890	1.4 -0.2	840 672130	5550500	0.8 -0.4	
	842 672520	5550280	0.9 -0.3	843 671280	5551340	1.5 0.3	
·	844 672070	5552440	1.5 0.3	845 672300	5551960	1.4 0.2	<u> </u>
ſ	845 673060	5552320	1.4 0.2	847 672900	5552800	2.3 1.1	
	848 674080	5551200	1.4 0.2	951 675920	5550630	1.2 - 0.0	
	852 675980	5551570	1.3 - 0.1	853 676790	5551460	$1_{-2} = 0.2$	
	854 677550	5551380	1.3 -0.1	855 677690	5551250	1.5 0.1	
	856 677550	5550730	1.5 0.1	857 677000	5550370	1.5 0.1	
	858 677530	5550250	1.5 0.1	859 676970	5549900	1.7 0.3	
	860 678220	5556170	1.6 -0.0	861 678690	5557280	1.8 0.2	
•	862 678390	5558760	1.9 -0.5	853 655130	5542870	1.6 0.2	
		5542150	$\frac{1.2 - 0.2}{0.2}$	855 655610	5541470	$\frac{1.5}{0.1}$	
	868 674150	2222020 5554570	12 - 00	949 474250	5554430	0.8 - 0.4	
	870 674420	5554860	1.1 - 0.1	871 674350	5553530	1.3 0.1	
Ŕ.	872 674920	5553840	1.0 -0.2	873 675630	5553650	0.9 -0.5	
	875 676010	5552920	0.8 -0.6	876 676860	5552440	1.2 -0.2	· · · · · · · · · · · · · · · · · · ·
	877 677500	5552080	1,6 0.2	878 677870	5552230	2.8 1.4	
	879 653190	5543100	1.1 -0.2	880 654080	5542470	1.3 -0.0	
-	881 654050	5541610	0.7 -0.6	882 654080	5540790	1.3 - 0.0	
	883 653540	554134U	$1 \cdot 2 = 0 \cdot 1$	884 652970	5541330	1.0 - 0.3	
	887 680050	5576590	$\frac{1.2}{5.3}$	888 675070	5545870	$1 \cdot 3 = 0 \cdot 1$	
	889 675750	5545450	1.5 0.1	890 675630	5545060	1.2 - 0.2	
	891 675680	5544790	2.0 0.4	892 676060	5544680	2.6 1.0	
	893 676000	5544320	2.0 0.4	894 676090	5544190	1.7 0.1	
ŗ.	895 676530	5543440	1.3 -0.3	896 676250	5543000	1.3 -0.3	
	897 675720	5543410	1.6 0.0	898 675630	5543600	1.8 0.2	
	900 670070	5544730	1.0 -0.4	991 670810	5544650	0.8 -0.6	
	902 671600	<u></u>	$\frac{0.7 - 0.8}{1.3 - 0.1}$	903 6/1820	<u> </u>	1.0 -9.4	
	906 671450	5542370	1.0 -0.3	907 666000	5552320	1.4 9.1	
		72 TEJIJ	U	<u> </u>	11220		

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ſ		PRINIC (GEOCHEMI	STRY	URI	ESIDUAL	S LIST	PAG	E 9	
	S AMP 1	EEAST	NORTH	U OP	URS	SAMPLE	EAST	NORTH	UORURS	
<u></u>		(47170	5557140		-0.4		67530	5553830	0.7 - 0.4	
	900	666900	5555760	0.9	-0.4	911 6	66750	5555630	0.7 -0.6	
	912	666530	5555880	1.1	-0.2	913 6	66380	5555980	0.5 -0.8	
	914	665780	5556440	1.2	-0.1	915 6	80170	5544840	0.9 -0.9	
	916	679460	5544630	3.0	1.3	917 6	78900	5544450	2.9 1.2	
	918	678740	5545050	1.4	-0.2	919 6	78830	5545750	1.5 -0.1	
	920	668710	5545900	17.7	16.0	921 6	68730	5544840	1.4 -0.2	
	922	668730	5545420	1.3	-0.4	92.3 6	68000	5544550	2.4 0.8	
ŗ	924	667160	5544580	1.0	-0.7	925 6	67350	5545090	1.6 -0.1	
	926	667010	5545280	1.9	0.2	9276	66990	5545600	1.4 -0.3	
	928	667410	5545860	3.3	1.6	9296	66790	5543550	2.0 0.3	
	930	665930	5543310	2.5	0.8	931 6	64910	5543160	0.8 - 0.8	
	932	670790	5554220	1.3	0.2	934 6	<u>570550</u>	5553440	0.8 -0.3	
	935	670690	5553240	1+4	0.3	936 6	71230	5553840	1.0 - 0.1	
	931	6/1350	5553090	1.8	0.1	938 0	67610	5568660	$\frac{0.9 - 0.3}{1 - 0.3}$	
	939	610150	- 222100V	1.2	-0.1	- 74V C	560520	5550760	1.5 0.1	
	941	666710	5555220	1 9	0.5	944 6	64800	5554520	$1_{-1} - 0_{-2}$	
	945	665200	5554250	1.8	0.6	946 8	64960	5553240	1.4 0.1	
\	947	664920	5553120	1.4	0.1	948 6	64400	5553100	0.9 -0.4	
, I	949	664190	555 3380	1.3	-0.0	950 6	563560	5553090	1.5 0.2	
	951	662580	5552890	1.6	0.3	952 6	61750	5553400	1.6 0.2	
	953	683210	5550520	2.0	0.6	954 6	582320	5549700	2.0 0.4	
	955	681980	5548850	2.1	0.5	956 f	82050	5548590	1.3 -0.3	· · · · · · · · · · · · · · · · · · ·
	957	681760	5547760	1.4	-0.2	<u>958 6</u>	581610	5548220	1.3 -0.3	
:	959	680580	5548550	1.2	-0.4	9606	578630	5545800	1.6 - 0.0	
	961	679100	5546340	1.9	0.3	962 6	579360	5546610	2.2 0.6	
	963	678290	5547390	1.5	-0.1	964 6	677650	5547790	0.8 -0.7	
	965	677280	5547760	1.7	0.3	9576	59100	5542190	1.4 - 0.1	
	96.8	658310	5542390	1.6	0.1	959 8	556260	5542550	1.2 -0.2	
	970	669530	5544250	1.1	-0.5	9/1 0	208920	5562260	13 - 0.8	
Ţ	972	668560	5543420	0.9	-0.7	915 0	100260 100260	5542340	$1 \cdot 3 = 0 \cdot 0$	-
	914	601940	5541500	- 1 • 1	0.5	972 C	00000	5542750	1.8 0.0	
	710	676100	5548060	2.5	0.0	979 6	576830	5547780	1.3 - 0.1	
	910	670410	5552140	0.9	-0.3	981 6	570180	5551770	2.0 0.8	
	982	670360	5552630	0.9	-0.2	983 (581330	5550750	0.8 -0.6	
	984	681130	5550310	1.2	-0.2	985 6	580840	5549790	0.9 -0.7	
	986	680850	5549440	1.0	-0.6	987 6	580280	<u>5549890</u>	1.2 -0.4	
	988	679410	5549920	2.1	0.6	989 6	578760	5550610	1.5 0.1	
	990	678170	5550520	1.8	0.4	991 (<u>578200</u>	5551620	1.0 -0.4	
	992	658440	5540900	1.5	0.0	9936	557620	5540980	1.8 0.3	
	995	657130	5541450	1.4	0.0	<u>976 (</u>	56710	5542060	1.3 -0.1	
•	997	655940	5542720	1.7	0.3	998 6	554870	5543380	1.5 0.2	
	999	654360	5543990	1.4	0.1	1030 (553600	5543950		
	1001	662080	5559980	1.6	0.2	1002 (662690	5559143U	$1_{\bullet} = 3_{\bullet} = 0_{\bullet} = 1_{\bullet}$	
	1003	663160	5558630	1.2	-0.1	1004 (50344U	5542140	$\frac{1.5 - 0.1}{0.7 - 0.6}$	<u></u>
	1005	624340	5504ULU	1+2	-0.2	1000 4	510000	5560650	1.2 - 0.1	
·	1007	6666220	5541760	1 0	-0 3		569060	5546940	0.9 -0.8	
	1011	668020	5546380	1.5	-0.2	1012 4	564820	5542930	2.7 1.1	
	1013	665200	5551000	1,1	-0-2	1014	664860	5550930	1.5 0.2	
	1015	657940	5548860	1.3	-0.0	1016	655740	5546030	1.1 -0.3	
	1017	655300	5545640	1.5	0.1	1018 (661260	5564450	0.6 -0.8	
	1019	661250	<u>556525</u> 0	1.5	0.1	1020 0	576420	5549650	1.8 0.4	

	PRINIC	GEDCHEMIS	STFY UR	SIDUALS LIST	r pag	E 10
	SAMPLE EAST	NORTĤ	UDFURS	SAMPLE EAST	NOR TH	U OR U RS
]	021 677460	5549430	2.1 0.7	1022 677430	5548700	1.6 0.2
<u>1</u>]	1023 661700 1025 662650	5545780	1 + 0 = 0 + 4	1024 602220	5545900	
	027 663400	5546440	$1_{-3} - 0_{-2}$	1028 663420	5545940	1.4 - 0.1
j	663820	5545960	1.6 0.1	1030 663250	5545260	1.4 -0.1
1	032 681210	5579140	4.1 -0.6	1033 680560	5579460	7.8 3.1
1	034 679630	5579780	6.1 -0.8	1035 678880	5580150	5.1 -0.8
J	.035 673110	5544220	1.3 -0.1	1037 673810	5543830	1.4 -0.0
1	038 674720	5542790	1.5 0.1	1039 675210	5542560	1.8 0.2
1	040 680400	5548770	0.6 - 1.0	1041 680050	5548420	
	042 680200	5548120	1 + 8 = 0 + 2	1045 679100	5548220	1.5 -0.2
1	.044 070370 .046 658500	5547830	$1 \cdot 4 = 0 \cdot 1$ $1 \cdot 5 = 0 \cdot 1$	1043 050910	5545630	1.0 0.4 1.4 0.0
· 1	048 657140	5546000	1.6 0.2	1049 657420	5547330	0.9 -0.5
1	050 687580	5546010	1.5 -1.3	1051 688100	5545890	1.4 -1.4
1	052 687890	5546000	1.3 -1.5	1053 688520	5547980	1.6 -0.5
]	054 688140	5548250	4.5 2.4	1055 687990	5549200	0.8 -1.3
1	056 674360	5544500	1.2 -0.2	1057 673880	5544970	0.7 -0.7
·]	058 673720	5545680	0.9 -0.4	1059 673520	5546220	0.6 -0.7
. 1	060 675260	5542290	2.0 0.4	1051 674930	5541770	
1	064 676320	5541600	1.6 - 0.0	1065 674740	5546570	$1 \cdot 3 - 0 \cdot 1$
1	067 675550	5546770	1.5 0.1	1063 676420	5547550	1.4 0.0
·	069 663020	5542540	1.3 -0.3	1070 659310	5564660	2.0 0.1
1	071 658510	5566660	1.2 -0.5	1072 658750	5566500	0.9 -0.8
1	073 659350	5567180	1.2 -0.5	1074 659440	5567940	1.2 -0.2 .
1	075 658960	5565900	1.3 -0.4	1076 659680	5565550	1.1 -0.6
1	.077 659940	5564570	1.7 -0.2	1078 660640	5564530	1.5 0.1
	079 661220	5564220	$\frac{1.2 - 0.2}{0.0}$	1080 673160	5546/10	0.9 - 0.4
r L	001 073630	5547547 5547547	0.9 -0.4	1082 073000	5547250	0.7 = 0.5
1	085 674000	5547820	0.8 - 0.4	1086 674830	5549260	0.7 - 0.5
1	087 675230	5548770	0.6 -0.8	1088 675550	5548270	0.5 -0.9
1	089 655450	5561790	2.0 0.0	1090 656350	5562320	1.3 -0.7
]	091 656290	5562000	2.1 0.1	1092 657380	5562450	1.8 -0.2
1	.093 657930	5562900	2.7 0.8	1094 654600	5561430	2.4 0.4
1	095 653600	5560800	1.8 -0.2	1096 661440	5562460	1.2 -0.2
η 1 1	097 561870	5562150	$1 \cdot 1 = 0 \cdot 3$	1098 661760	5561710	
1	102 676970	5546280	$\frac{1.4 - 0.1}{1.7 - 0.3}$	1103 677120	5546040	1.5 - 0.1
]	104 676920	5545870	2.0 0.6	1105 676680	5545310	1.5 0.1
1	106 677000	5545440	2.0 0.5	1107 677590	5544820	1.3 -0.4
1	108 676980	5545750	1.6 0.2	1109 677230	5546310	1.6 0.2
1	110 677550	5547070	1.8 0.2	1111 655770	5567640	2.3 0.8
]	112 656210	556 66 80	3.9 2.0	1113 656440	5565940	1.5 -0.4
1	114 657490	5564340	15.3 13.1	1115 657300	5564170	3.0 0.8
<u> </u>	118 656000	5563830	$\frac{1.5 - 0.7}{2.1 - 0.1}$	1119 455210	5563620	$2 \cdot 1 = 0 \cdot 1$
1	120 683480	5541770	1.5 - 0.4	1121 684290	5541770	$2_{-3} 0_{-4}$
, <u>i</u>	122 685040	5542220	1.7 -0.8	1123 685400	5542350	2.0 -0.5
่ 1	124 685940	5541710	1.6 -0.9	1125 686950	5541950	3.7 1.2
1	125 690530	5577900	0.7 -0.7	1127 690940	5577890	2.0 0.6
1	128 690640	5577990	1.0 -0.4	1129 691280	5578170	0.6 -0.8
1	130 691760	5578650	0.8 -0.6	1131 692060	5577930	0.8 -0.6
1	132 042270	2211120	0.1 -0.7	1133 041080	2211000	0.8 -0.5

•	PRINIC	GEOCHEMI	STRY URE	ESIDUALS LIST	PAG	E 11	
		r NODTÙ		SAMPLE EAST	NORTH		
-	SAMPLE CASI		O the O RG	JAMEE LAST	NO X III		
	1135 691890	55.76080	1.5 0.2	1136 691990	5575170	1.7 0.4	
	1137 658950	5559750	1.9 0.3	1138 659300	5560440	1.8 0.1	-
	1139 659390	5561150	1.5 -0.2	1140 675430	5543250	1.4 -0.2	
	1141 674650) 5543520	1.4 - 0.0	1142 654150	5557900	1.7 -0.3	
	1143 654660	5558190	$\frac{2 \cdot 1}{1 \cdot 5} \cdot \frac{0 \cdot 1}{0 \cdot 4}$	1144 655550	5559020	2.1 0.2	
	1147 000200	J 2009260		1140 007000	5559000	1.1 - 0.0	
	1147 626260	5558710	$\frac{1.6}{1.5}$ 0.2	1148 659520	5563250	0.5 - 0.9	
iii	1151 662790	5562270	1.5 0 1	1152 663050	5562460	0.8 -0.6	
	1153 663750	5563000	0.9 -0.5	1154 663950	5562050	0.7 -0.7	
	1155 663650	5561660	0.7 -0.7	1156 664430	5561140	1.1 -0.3	
	1157 664920	5560230	1.3 -0.1	1158 666720	5564940	1.1 -1.2	
	1159 667600	5564780	0.8 -3.3	1150 657600	5566430	1.5 -0.2	
	1161 657980	5567000	1.2 -0.5	1152 657610	5566950	1.8 0.1	
	1163 657950	5567423	1.3 -0.4	1154 657340	5567550	1.2 -0.3	
	1165 656580	5567800	1.7 0.2	1166 656350	5568130	1.3 -0.2	
<u></u>	1167 656080	5567950	1.1 -0.4	1169 655350	5568170	1.3 -0.2	
	1170 654710	5568040	1.9 0.3	1171 661980	5542700	3.5 2.0	
:	1172 662030	5543190	1.8 0.3	1173 662210	5543970	1.3 -0.2	
ſ	1174 661820) 5542250		1177 662000	5541640	1.6 0.1	
	1170 601570	5541200	$\frac{1.5}{1.3}$ -0.1	1170 663130	5541870	$\frac{1.5}{1.2}$ -0.2	
	1180 650210	5541150	1.5 - 0.1	1181 659040	5561780	1.5 -0.2	
	1182 658970	5561100	$\frac{1.0}{1.5}$ -0.2	1193 659850	5562580	1.6 -0.3	
	1184 660120	5562040	1.3 -0.1	1185 660410	5561710	1.8 0.4	
	1186 659900	5561520	1.8 0.1	1187 664830	5562440	1.2 -0.2	
	1138 665330	5562460	0.9 -1.4	1189 665250	5561770	1.2 -1.1	
	1190 665760	5562200	1.0 -1.3	1191 665960	5562390	1.5 -0.8	
	1192 665810	5562790	1 • 2 · -1 • 1	1193 666200	5561600	1.6 -0.7	
	1194 666310	5561070	1.7 -0.6	1195 666000	5561060	1.2 -1.1	
	1196 666360	5560300	3.7 1.4	1197 666550	5559500	4.5 2.7	
[1198 660040	5565660	1.5 0.1	1199 660120	5566450	1.0 -0.4	
	1200 662760	5561720	1.3 -0.1	1201 663120	5561230	0.8 -0.6	······
	1202 663740	5560920	1.4 -0.0	1204 663960	5561030	1.2 -0.2	
	1205 664260	5560730	$\frac{1.0 - 0.4}{1.2 - 0.1}$	1200 664040	5560340	$1 \cdot 0 - 0 \cdot 4$	
	1207 664210	J 5560000	1.3 -0.1	1210 666000	5561220	1.5 0.1	
	1211 666620	1 556700	1.2 - 0.9	1212 665330	5567510	$\frac{1 \cdot 1}{1 \cdot 2} = 1 \cdot 0$	
	1213 66464(5569110	1.0 -0.5	1214 664250	5568120	1.4 -0.1	
	1215 664440	5567660	2.2 0.7	1216 664490	5567120	1.4 -0.0	
	1217 664980	3 5566730	1.5 0.1	1218 665220	5566750	1.7 -0.4	
	1219 665310	5566260	1.4 -0.7	1220 665460	5567480	1.1 -1.0	
	1221 662250	5566080	1.1 -0.3	1222 662620	5566400	2.0 0.6	
	1223 663380	5566470	0.9 -0.5	1224 663470	5566630	1.3 -0.1	
•	1225 663750	5566060	1.1 -0.3	1226 664100	<u>5565510</u>	0.8 -0.6	
	1227 674190	5576180	15.3 5.5	1228 674850	5573400	8.6 -0.9	
	1229 674520	5572760	28.0 18.5	1230 668170	5564230	1.3 -2.8	
	1231 668390	J 5564380	1.5 -2.6	1232 668480	5564170	2.1 -2.0	
	1233 669030	<u>J 3364050</u> N 5543150	$\frac{2.3 - 1.8}{1.0 - 2.2}$	1234 667960	<u> </u>		
	1237 66/60	J 2263150	1.9 -2.2	1230 00/300	220228U	2 0 - 0 2	
	1221 000720 1240 676220	J JJ01090	$\frac{5+5}{19,2}$ 1 1	1241 672900	5565840	7.2 -1 A	
	1242 671940	5566140	4.2 -1.9	1243 671010	5566300	3.6 -2.5	
	1244 670260	5566380	3.8 - 2.3	1245 669720	5565960	16.6 12.9	
	1246 669700	5566523	2.5 -1.2	1247 669560	5566610	2.5 -1.2	

PRINIC	GEOCHEMI	STRY URE	SIDUALS LIST	PAC	GE 12	
SAMPLE EAST	NORTH	UORURS	SAMPLE EAST	NORTH	UORURS	
1248 669280	5567200	1.7 -2.0	1249 669260	5567840	5.2 1.7	
1250 661330	5565600	1.8 0.4	1251 661500	5565470	1.3 - 0.1	
1252 663880	556540J	$\frac{1 \cdot 3 - 0 \cdot 1}{1 \cdot 2 \cdot 0 \cdot 0}$	1253 664560	5565230	$1 \cdot 1 - 0 \cdot 3$	
1254 665510	5568080	$1 \cdot 2 = 0 \cdot 9$	1255 665510	5566820	1.0 - 2.7	
1258 668300	5565310	2.0 - 1.7	1259 668230	5565110	1.3 -2.4	
1260 668590	5564950	3.1 -1.0	1261 669200	5566200	3.9 0.2	
1262 669260	5566050	3.1 -0.6	1263 675550	5566250	59.6 52.2	
1264 676280	5565640	3.7 -3.7	1265 677100	5565120	4.1 -3.3	
1266 676140	5564340	3.5 -4.6	1257 677000	5563740	4.7 -3.4	
1268 677620	5563400	3.7 -0.4	1259 678080	5562950	3.6 -0.5	
1270 660030	5566980	0.8 -0.6	1271 660430	5566900	0.6 -0.8	
1272 661160	5567150	-1.0 0.0	12/3 661540	5567940	-1.0 0.0	
1212 001120	5567750	$1 \cdot 1 - 0 \cdot 3$	1279 662000	5567140	1.0 0.1	
1279 670530	5567000	$\frac{1.0}{6.1}$ - 0.0	1280 670890	5567460	4.3 -1.8	
1281 671150	5568160	4.9 -0.4	1282 671330	5568650	8.5 3.2	
1283 671130	5568750	3.2 -2.1	1284 671390	5567730	6.6 1.3	
1285 672160	5567920	6.7 1.4	1286 673950	5568190	11.2 4.1	
1287 672940	5567950	8.3 1.2	1288 676400	5568900	6.3 -0.6	
1289 677400	5568950	3.7 -3.2	1290 672340	5560670	4.3 -3.0	
1291 672250	5561160	11.0 3.7	1292 672750	5561430	7.3 -2.1	
1293 672680	5561900	12.3 2.9	1294 673140	5562300	18.6 9.2	
1295 614530	5563420	14.5 4.5	1298 674800	5562220	40+3,30+L	
1297 675120	5561540	15.9 8.9	1290 675700	5561110	$\frac{10.7}{6.1}$ - 0.9	
1301 675470	5593890	1.8 -3.8	1302 675960	5593590	2.7 -2.9	
1303 674480	5592660	4.0 0.9	1304 675440	5593500	3.1 -2.5	
1306 674710	5593320	4.4 1.3	1307 674120	5592850	2.5 -0.6	
1308 673590	5592270	1.4 -1.8	1309 661790	5573050	1.1 -0.3	
1310 665390	5565600	1.7 -0.4	1311 665440	5564600	1.4 -0.9	
1312 670840	5561860	21.9 14.6	1313 671460	5562000	38.4 31.1	
1314 671750	5562500	23.9 16.3	1315 672130	5562940	35.1 27.5	
1316 670320	5561660	5.9 - 1.4	1317 670150	5562380	1.2 -6.1	
1318 670110	5562660	$\frac{1.0 - 5.9}{5.6 + 1.5}$	1319 009200	5561770	$\frac{1.0 - 2.0}{5.9 + 1.9}$	
1320 669255	5562470	1.8 - 2.3	1323 668240	5563010	12.9 8.8	
1324 676770	5558860	1.6 -2.3	1325 676200	5558530	2.6 -1.3	
1326 675320	5557930	1.3 -2.6	1327 674750	5557680	1.1 -3.9	
1328 673940	5557530	1.2 -3.8	1329 673100	5557750	1.1 -3.9	
1330 680390	5573580	1.9 -1.5	1331 681360	5573430	1.6 -1.8	
1332 673740	5572120	5.7 -2.1	1333 673750	5571510	8.2 0.4	
1334 673960	5571280	5.2 -2.6	1335 673280	5571420	8.4 0.6	
1330 6/1850	5571930	$2 \cdot 1 - 3 \cdot 0$	1330 670630	5572220	8.2 2.2	
1341 676200	5567140	112 0104 6	1342 676650	5566730	20.9 13.5	
1343 677170	5566690	7.3 -0.1	1344 677730	5566500	2.7 -1.9	
1345 678370	5566500	3.9 -0.7	1346 679260	5566430	3.3 -1.3	، هېند خط اخله ونسانته وانسانته وانسانته ار او پر پر پر پر پر پر پر
1347 678870	5567650	4.5 -0.4	1348 679530	5567310	4.1 -0.5	
r 1349 665400	5577760	1.8 -0.2	1350 665300	5578360	1.0 -1.0	
1351 665480	5579100	1.2 -0.8	1352 665600	5579600	0.9 -1.1	
1353 665640	5580200	0.9 -0.9	1354 665480	5580480	1.3 -0.5	
1355 665940	5580600	1.4 - 0.4	1356 666150	5580680	3,4 $3,6$	
1359 666930	5581440	0.0 - 1.0	1360 678680	5566800	1.0 -0.8	
1333 000010	JJ01440	U•1 1•1	100 010000	5504600	T . 7 U.O	

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1	PRINIC	GEOCHEMI	STRY URE	SIDUALS LIST	ΓΡΑ	GE 13	
	SAMPLE EAST	NORTH	UDRURS	SAMPLE EAST	NCR TH	UORURS	
	1361 678540	5564000	2.6 -1.5	1352 662050	5579820	1.3 -0.0	
	1363 661500	5579750	0.9 - 0.4	1354 661380	5580380	1.2 - 0.0	
	1367 659300	5580740	1.5 0.3	1358 658430	5581520	1.2 0.0	
	1369 657480	5581090	1.8 0.6	1370 656500	5580930	1.2 0.0	
, Constanti	1371 679630	5570820	3.3 -1.8	1372 678360	5571110	4.4 -0.7	
	1373 677600	5571770	5.3 0.2	1374 677090	5572260	8.4 0.7	
,î	1375 677410	5572540	10.5 3.0	1376 677440	5573700	2.9 -6.7	
	1318 619260	5569650	$\frac{2 \cdot 4 - 3 \cdot 5}{5 \cdot 4 \cdot 0 \cdot 5}$	1379 679570	5513290	$\frac{1.4 - 4.7}{2.2 - 1.6}$	
	1382 679250	5563860	3.9 - 1.0	1383 679950	5568520	7.6 2.7	
	1384 677300	5559380	1.6 -2.3	1385 678030	5560060	2.5 -1.0	
	1386 678430	5561030	6.5 3.0	1387 679450	5561830	2.8 -0.7	
	1388 680200	5562750	1.7 -0.5	1389 680100	5563540	1.3 -0.9	
	1 390 679660	5564280	1.6 -2.5	1391 679570	5565430	1.6 -3.0	
	1392 680150	5566490	1.1 -1.5	1393 680400	5567470	1.2 -1.4	
	1394 681190	5568180	0.8 -2.3	1395 681520	5568870	6 9 3 8	
:	1398 679730	5567610	7.0 2.1	1399 679510	5566810	7.0 2.4	
г.	1400 656620	5568950	1.8 0.3	1401 656830	5569680	0.8 -0.7	
1	1403 656650	5570580	1.5 0.2	1404 656810	5571470	1.6 0.3	
	1405 657190	5572150	1.2 -0.1	1476 658100	5571750	1.0 -0.3	
	1407 658100	5571090	0.7 -0.5	1408 658310	5570880	1.1 -0.2	hadrafanal-nan dersteig Districtionstration of
•	1409 658050	5570620	0.9 -0.4	1410 657650	5570040	1.5 0.2	
	1411 656960	5581250	1.1 - 0.4	1412 656650	5580750	1.0 - 0.5	
	1415 661740	5580450	1.2 - 0.3	1416 661620	5580940	$1 \cdot 7 = 0 \cdot 1$	
	1417 661420	5581660	1.0 -0.2	1418 661330	5582250	0.9 -0.3	
	1419 661940	5581730	1.00.2	1420 662250	5582560	1.5 0.4	
-	1421 662560	5582090	1.6 0.3	1422 663060	5582250	1.1 -0.2	
	1423 663590	5582630	1.0 -0.3	1424 664090	5582540	0.8 - 0.5	
Ē.	1425 672390	5557970	0.9 - 3.5	1426 671560	5557920	1.1 - 3.3	
	1420 669600	5558570	$\frac{1.4 - 3.0}{-1.0 0.0}$	1420 670180	5558850	-1.0 0.0	
	1431 668230	5558970	-1.0 0.0	1432 667740	5559220	-1.0 0.0	
	1433 667230	5559050	-1.0 0.0	1434 667220	5559150	-1.0 0.0	
	1436 667700	5559400	-1.0 0.0	1437 668680	5559420	-1.0 0.0	
	1438 669550	5559170	-1.0 0.0	1439 670350	5558950	-1.0 0.0	
	1440 670830	5558580	-1.0 0.0	1441 671320	5559090	-1.0 0.0	
	1442 672090	5559100	-1.0 0.0	1445 672710	5559060	-1.0 0.0	
	1446 674510	5559520	-1.0 0.0	1447 675300	5559980	-1.0 0.0	
	1448 675870	5560610	-1.0 0.0	1449 656950	5569190	1.3 -0.2	
 I.	1450 679130	5566070	1.4 -3.2	1451 678960	5565420	7.0 2.4	
H	1453 678440	5563570	1.6 -2.5	1454 677790	5562700	5.3 1.2	
	1455 677300	5562100	3.9 -3.1	1456 676730	5561530	15.2 8.2	
	1450 663490	5578000	$\frac{1.3 - 0.2}{1.5 0.0}$	1458 553050	5577840	1.7 0.4	
	1461 661410	5577500	2.5 1.2	1462 661130	5577550	1.2 -0.1	
	1463 674720	5574090	13.2 3.7	1464 660750	5576850	3.2 1.9	
	1465 660780	5576660	1.1 -0.2	1466 660470	5576080	0.9 -0.4	
	1467 674730	5574870	24.5 15.0	1458 674910	5574920	26.3 13.3	
	1469 674460	5575420	53.8 44.0	1471 657480	5569610	1.1 - 0.4	
	1472 658040	5569490	1.1 - 0.3	14/3 661310	5567440	$1 \cdot 3 - 0 \cdot 1$	
	1414 000100	1204120	1.1 -0.5	1412 000120	107150	1.0 - 7.4	

PRINIC GEOCHEMISTRY	U RESIDUALS LIST PAGE 14	
SAMPLE EAST NORTH U OR	URS SAMPLE EAST NORTH UCRURS	· · · · · · · · · · · · · · · · · · ·
1476 661280 5569800 1.1	-0.3 1477 661130 5569270 1.1 -0.3	
1480 658910 5569220 1-1 -	-0.3 1479 659520 5569340 2.2 0.0 -0.7 1481 655040 5573170 1.5 0.3	
1482 655650 5573270 1.1	-0.1 1483 656230 5573640 1.1 -0.1	
1484 656780 5574170 1.3	0.1 1485 657430 5574360 1.1 -0.1	
1436 658020 5574770 1.0	-0.3 1487 658410 5575300 1.1 -0.1	
1488 658830 5575190 1.1	-0.1 1489 658620 5575830 0.8 -0.4	
	-1.3 1491 685000 5579350 1.4 -0.5	
	-1.7 1495 685060 5581330 1.3 -0.5	
1496 685850 5581660 1.2	-0.6 1497 686560 5582070 1.1 -0.7	
1498 687030 5582740 1.9	-0.1 1499 687740 5583240 1.3 -0.4	
1500 688200 5583760 1.4	-0.3 1501 688750 5584340 2.2 0.5	
1502 689520 5584340 1.5	-0.2 15)3 689780 5583750 1.5 -0.2	
1504 689050 5583240 1.5	-0.2 1506 688520 5582820 0.5 -1.2	
	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
	-0.1 1512 656830 5576800 1.1 -0.1	
1513 656160 5576570 1.2	0.0 1514 665340 5579100 1.0 -1.0	
1515 665300 5579780 1.0	-1.0 1516 665250 5579640 0.8 -1.2	
1517 665030 5579810 2.3	0.3 1518 664970 5579690 2.1 0.6	
1519 665140 5580020 1.0	-0.8 1520 664850 5580250 1.0 -0.3	
1521 664950 5580560 1.1	-0.2 1522 664650 5580950 1.2 -0.1	<u>_</u>
	-0.J 1524 064060 5581280 2+1 0+0. -0.3 1526 666280 5580050 1.3 -0.0	
-1525 664060 5580230 0.8	-0.5 1528 663820 5580730 1.1 -0.2	
1529 664610 5579290 1.1	-0.4 1530 681430 5594820 3.1 -5.6	
1531 682080 5593970 4.6	-4.1 1532 682400 5593820 31.3 22.6	
1533 681850 5593750102.0	93.3 1534 681300 5593370 34.1 25.4	
1535 680520 5594000 2.3	-6.4 1536 680170 5594100 2.4 -6.3	
$\frac{1537 \ 680300 \ 5593420 \ 27.3}{1540 \ 670400 \ 5593270 \ 37 \ p}$	18.6 1538 679970 5593440 1.6 -6.7	
1540 079400 5595270 21.9	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
1544 662350 5572340 1.3	-0.1 1545 661560 5572330 1.4 0.0	
1545 66149) 5572060 1.2	-0.2 1547 661930 5571400 1.2 -0.2	
1548 660770 5572250 2.2	0.8 1549 659960 5571970 1.6 0.3	
1550 665170 5578770 1.3	-0.7 1551 691930 5574820 1.1 -0.1	
	-0.2 1553 692510 5575700 1.1 -0.2	
	-0.9 1555 692870 5575880 1.5 0.0	
$\frac{1}{1558} 694630 5574730 1.7$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
1560 695240 5575810 1.1	-0.3 1561 663910 5571110 1.6 0.0	
1562 663820 5570590 2.0	0.4 1553 664460 5571620 3.7 2.1	
1564 664210 5571260 1.9	0.3 1565 664190 5570980 0.9 -0.7	
1566 664220 5569790 1.0	-0.5 1567 663900 5569470 1.9 0.4	
1568 663560 5569460 1.3		
	-1.2 1572 680340 5571970 1.5 -1.6	
1575 <u>669600</u> 5571880 7 6	3.8 1576 669700 5571390 2.3 -1 5	
- 1577 669800 5571200 6.5	2.7 1578 669700 5570700 2.1 -1.7	
1579 669610 5570090 3.3	-0.5 1580 669530 5569290 4.5 1.0	
1581 667780 5568483 1.6	-1.9 1582 667330 5569320 1.1 -1.1	
1583 666850 5570500 1.5	-0.9 1584 666720 5571530 1.5 -0.9	
1585 668180 5570700 1.0	-2.8 1586 669300 5569780 1.1 -2.4	
1001 090900 0018410 2.0	J.J. 1000 0700 071010 1.4 -0.1	

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 	PRINIC	GECCHEMI S	TRY UR	ESIDUALS LIST	Γ ΡΔΟ	E 15	
	SAMPLE EAST	NORTH	UORURS	SAMPLE EAST	NORTH	UCRURS	
	1589 695590	5576980	1.7 0.3	1590 663100	5579150	1.7 0.2	
	1591 672600	5572810	7.8 -1.7	1592 670640	5573040	6.7 0.5	
	1595 665600	5575050	$2 \cdot 2 - 1 \cdot 7$	1594 665750	5575030	1.2 - 0.5	
	1597 666940	5575930	1.3 - 1.3	1598 666950	5576070	1.4 -0.9	
	1599 667190	5576840	1.5 -0.8	1630 659970	5572280	1.4 0.1	
	1601 659650	5572070	3.1 1.8	1602 659410	5571810	1.3 -0.0	
3	1604 659200	5571480	1.1 - 0.2	1605 658780	5571430	1.2 -0.1	
	1606 669080	5575660	0.5 -3.1	1607 669050	5575860	4.7 1.1	
	1608 669180	5575940	6.4 2.3	1609 669050	5576040	23.5 19.9	
	1610 669160	5576500	$\frac{1.2 - 2.4}{7}$	1611 669450	5576540	4.9 1.3	
	1612 669670	557691U	$3 \cdot 0 = 0 \cdot 6$	1613 669970	5577400	4.2 0.0	
	1616 670780	5577370	$\frac{2.2}{4.8} - 1.4$	1617 670980	5577220	$3_{-8} - 2_{-4}$	
	1618 671460	5577050	5.8 - 0.4	1619 671700	5576840	9.1 2.9	
	1620 670830	5571430	10.8 5.1	1621 671150	5570760	7.8 2.1	
	1622 671420	5570550	2.3 -3.4	1623 671200	5570210	2.7 - 3.0	
	1624 671030	5569540	2.9 -2.4	1625 662640	5574000	0.5 -1.1	
	1626 662830	5574420	0.5 -1.1	1627 663560	5574700	1.4 -0.2	
1	1628 663670	5574990	1.9 0.3	1629 663480	5575660	1.5 -0.1	
	<u>1630 663070</u>	5575000	0.5 - 1.1	1631 663050	5575660	0.8 - 0.8	
	1632 662820	5575810	0.6 - 1.0		5576100	$1 \cdot 4 = 0 \cdot 2$	
	1634 663520	5577320	$\frac{0.9 - 0.1}{21}$	1637 687200	5570110	1.5 -0.1	
	1630 005520	5578100	10.8 8.9	1639 686430	5577520	3.8 1.9	
	1641 661260	5573390	1.4 0.0	1642 660760	5573220	1.7 0.3	
	1643 660910	5573770	1.6 0.2	1644 661420	5573840	2.0 0.6	
	1645 661440	5574460	1.5 0.1	1646 661450	5575050	0.7 -0.6	
	1647 660800	5574690	1.10.3	1648 659820	5574290	0.7 -0.6	
	1649 659480	5573470	1.6 0.3	1650 658840	5573180	1.0 -0.3	
	1651 658390	5572490	1.2 -0.1	1652 674360	5578830	16.2 7.5	
	1653 674850	5578470	15.4 6.7	1654 675560	5578720	11.9 3.1	
	1655 676040	5579100	10.2 1.4	1656 676790	5578910	$\frac{10 \cdot 1}{5 \cdot 7}$	
	1657 677620	5571880	2 9 - 2 9	160 8 678400	5549450	$2 \cdot 2 = 1 \cdot 7$ 1 3 -0 2	
	1661 663860	5569840	$\frac{2 \cdot 3 - 0 \cdot 7}{1 \cdot 3 - 0 \cdot 2}$	1662 663880	5569040	1.5 0.0	
	1663 678620	5578360	6.9 -0.0	1654 668380	5575930	6.7 3.1	
	1665 667680	5575580	1.7 -1.9	1656 667710	5575350	4.0 0.4	
	1667 667390	5575390	1.3 -1.0	1658 667780	5574910	2.1 -1.8	
	1669 667860	5574160	1.9 -2.0	1670 668130	5574180	2.2 -1.7	
	1671 668520	5573760	3.4 -0.5	1672 670030	5583210	1.5 -2.6	
	1673 670320	5582770	5.4 1.3	1674 669230	5584480	1.1 -1.6	
	1675 668810	5585190	$\frac{2 \cdot 2 - 0 \cdot 2}{2 \cdot 4 - 0 \cdot 5}$	1677 669420	5584970	<u> </u>	
	1670 671400	5575210	2.0 - 0.5	1681 685800	5576190	1.0 5.9	
	1682 685250	5576430	1.2 - 0.6	1683 685200	5576100	1.5 -0.3	<u></u>
	1684 685630	5575480	1.6 -0.2	1685 677670	5579750	6.0 -0.9	
	1686 677110	5580430	6.7 -0.4	1687 676600	5581030	7.4 0.3	
	1688 678200	5578920	5.1 -1.8	1689 679150	5578620	10.6 3.7	
	1690 679190	5578430	8.0 1.1	1691 678080	5577950	6.3 -0.6	
	1692 677440	5577780	8.1 - 0.7	1693 677020	5577280	14.7 4.6	
	1694 676990	5577120	12.4 2.3	1695 676350	5576800	12.1 2.0	
<u> </u>	1696 678180	5578310	$\frac{5.4 - 1.5}{4.2 - 2.4}$	1697 679710	<u> </u>	<u> </u>	
	1098 080460	557659A	4+3 -9+4	1077 001120	5576210	2+1 -2+0	
	TION 090100	1010100	T+0 0+4	TIT 030[50	2210210	<u> </u>	

PRINIC	GEOCHEMI	STRY URI	ESIDUALS LIST	r pag	E 16	
SAMPLE EAST	r north	UCRUPS	SAMPLE EAST	NCP TH	UCRURS	
1702 694980	<u>) 5576400</u>	21 0.8	1703 695070	5577100	0.8 -0.6	
1704 6946 80	J 337813U	$1 \cdot 3 = 0 \cdot 1$	1708 602630	5576350	1.5 0.2	
1700 693000	$\frac{5576360}{5576360}$	15 0 2	1710 667680	5576910	1.3 -2.3	
1711 66750	5576900	2.4 - 1.2	1712 667950	5577600	2.5 - 0.9	
1713 668050	0 5578040	2.1 -1.3	1714 668290	5578430	1.5 -1.9	
1715 668690	5578650	2.5 -0.9	1716 668870	5578860	2.0 -1.4	
1717 669190	5579050	2.1 -1.3	1718 669530	5578840	2.0 -1.4	
1719 669880	5578550	1.0 -2.4	1720 666290	5576880	1.2 -1.1	
1721 672880	0 5585620	0.9 -3.0	1722 672660	558668 0	1.5 -2.4	
1723 672650	0 5587620	1.3 -2.2	1724 672320	5590250	1.6 -0.7	
1725 66713(5590930	0.9 -0.7	1726 667040	5590820	1.3 -0.3	
1/27 66/180	5590250	1.9 0.3	1728 666520	5589650	$1 \cdot 1 = 0 \cdot 2$	
	J 5589690	1.0 -0.8	1730 566800	5589280	1.0 -0.8	
	5539090	0.0 - 0.00 - 0.000	1726 665960	5507330	1, 4 - 0, 5	
1735 665210	5589400	0.7 = 1.0	1736 665900	5590110	6.4 4.8	
1737 666 930	1 5588730	1.0 -0.6	1740 668310	5572560	2.3 -1.6	
1742 668890	5573090	2.1 - 1.8	1743 668700	5573530	2.1 -1.8	
1744 668930	0 5573810	1.9 -2.0	1745 676030	5590550	7.3 1.8	
1746 67728	5586810	5.9 1.0	1747 677550	5586160	3.3 -2.4	
1748 677970	0 5585470	9.6 3.9	1749 678550	5584740	8.7 3.4	
1750 678700	<u> </u>	8.0 2.7	1751 678710	<u>5583320</u>	4.6 -0.7	an ha anna an an anna dalan sinar 1
1752 678830	5582800	3.8 -1.5	1753 678260	5582820	2.5 -2.8	
1754 661550	0 5588960	1.2 -0.0	<u>1755 661520</u>	5587980	1.3 0.1	
1756 661520	3 5587980	0.9 -0.3	1757 661250	5588020	1.2 -0.0	
1758 660880	J 5587900	$\frac{1.5}{2.6}$	1759 660450	5581980	$2 \cdot 3 1 \cdot 1$	
1760 072120	J 5577020 0 5577070	3+4 -2+8 26 0 16 2 ·	1763 672010	5577250	8.5 -1.3	
1764 673280	5576900	8.7 -1.1	1765 673350	5576660	9.0 -0.8	
1765 668830	3 5591570	1.4 - 0.5	1757 668950	5591600	1.4 -0.5	
1768 669700	0 5591880	1.3 -0.6	1769 670410	5591500	1.1 -1.2	
1770 671080	5592170	0.6 - 1.7	1771 671290	5592020	2.8 0.5	
1772 67205	0 5592270	1.1 -1.2	1773 672150	5592560	1.3 -0.8	
1775 67302	0 5592530	3.2 0.1	1776 672910	5592720	1.1 -2.0	
1777 67325	0 5593190	1.3 -1.8	1778 673500	5593530	1.5 -1.6	
1779 65983	0 5583510	0.8 -0.3	1780 669980	5578600	3.1 -0.3	
1 1781 66752	0 5577090	2.0 -1.6	1782 669290	5591200	2.4 0.5	
1783 66971	0 5590230	3.2 1.3	1/84 669940	5590030	1.9 -0.4	
	0 5590530	2.2 - 0.1	1786 671070	5590950	$11 \cdot 0 5 \cdot 7$	
1700 67226	0.5591110	2.4 0.1	1700 660200	5581030	15-16	
1791 66999	0 5582840	$2_{2} = 2_{1} = 0$	1792 668190	5583720	1.2 -1.5	
1793 66746	0 5584460	1.3 -0.4	1794 666840	5584950	0.9 -0.8	
1795 66628	0 5583580	1.3 -0.4	1796 668010	5582930	1.4 -1.3	
1797 66848	0 5582120	1.9 -1.2	1798 668940	5581710	2.7 -0.4	
1799 65928	0 5582370	0.9 -0.3	1800 658270	<u>5583590</u>	0.1-0.4	
1801 65753	0 5583340	0.9 -0.2	1802 656050	5586140	1.4 0.2	
1804 65588	0 5589390	1.5 0.3	1835 654170	5595000	1.1-0.7	
1806 65610	0 5596060	1.3 -0.5	1807 656840	5596200	$0 \cdot (-1 \cdot 1)$	
1808 65751	0 5596020	1.0 -0.6	1309 659350	5595500	$\frac{2 \cdot 1}{1} \frac{0 \cdot 5}{0}$	
1810 66010	u bbasec n	1.3 -0.1	1911 001080	フラダ4830	1.0 -0.3	

1812 661170 5594830

1814 661710 5594770

1816 664760 5593570

1813 660720 5594970

1815 663620 5593820

1.7 0.3 1817 666340 5592520 1.0 -0.5

1.2 -0.1

1.3 -0.1

1.3 - 0.11.1 - 0.3

PRINIC GEOCHEMISTRY U RESIDUALS LIST PAGE 17

SAMPLE EAST NORTH U OR U RS SAMPLE EAST NORTH U OR U RS

	1818	667420	5592070	1.2 -0.4	- 1819	668030	5592230	0.9	-1.0	
	1820	659650	5587670	1.3 0.1	1821	659180	5587490	1.1	-0.1	
	1822	658350	5587330	1.1 -0.1	1823	658400	5587150	1.0	-0.2	
	1824	657540	5587450	1.2 0.0	1825	656730	5587390	1.1	-0.1	
	1826	655900	5587530	1.5 0.3	1840	673100	5593600	0.9	-2.3	
	1841	669280	5581100	1.7 - 1.4	1842	669050	5581130	1.2	-1.9	
	1843	669200	5580510	1.8 -1.3	1944	669290	5579750	7.9	4.4	
	1045	660630	5570020	11702	1044	670990	5570770	2 0	_ 2 2	
٢	1047	671650	5570540		10/0	670650	5590110	172	- J.2 0 E	
	1041	671000	5579040	9 7 -0 5	1040	674300	55703(0	11+2	<u>7+2</u>	
	1049	073000	5579920	0.2 -0.5	1850	014390	5519360	7.4	0.1	
	1851	670930	<u> </u>	4.9 -1.2	1852	660490	5583880	1.1	0.0	
	1855	669760	5584310	1.7 0.6	1854	661000	5584400	0.5	-0.5	
	1855	661580	5584500	1.3 0.2	1856	661450	5585120	0.5	-0.7	······································
	1857	661330	5585480	0.8 -0.4	1858	661250	5585540	1.4	0.2	
	1859	660990	5585860	0.9 -0.3	1850	669210	<u>5585560</u>	1.3	-1.1	•
	1861	668460	5585800	8.9 6.5	1852	668250	5585630	9.0	6.6	
	<u>1863</u>	668840	<u>5587400</u>	1.0 -1.4	1864	668150	<u>5587820</u>	1.4	-0.7	
	1865	668690	5588570	1.1 - 1.0	1856	668270	5588700	1.2	-0.9	
	1867	008866	5588060	1.1 -1.0	1868	675380	5585160	4.2	-0.7	
ŗ	1869	675200	5585850	4.9 0.0	1871	675250	5586300	1.7	-3.2	
-	1872	675790	5586570	2.4 -2.5	1.873	675700	5586620	3.0	-1.9	
	1874	675350	5586730	8.5 3.5	1875	675280	5587510	9.5	4.3	
	1376	675340	5588210	3.9 -1.3	1877	674900	5587730	2.2	-1.3	
•	1878	674660	5587200	3.0 -0.9	1879	674660	5586470	1.8	-2.1	
	1 3 8 0	675530	5584570	1.9 -3.8	1881	675680	5584600	10.4	4.7	
	1882	676360	5584310	4.3 -1.4	1883	676850	5584230	3.5	-2.2	
	1 384	677210	5583680	3.1 -2.6	1885	677600	5583420	5.6	0.3	
	1885	678100	5583150	5.8 0.5	1 88 7	578580	5583060	5,9	0.5	
	1888	678880	5582950	3.51.8	1889	679360	5582400	5.1	-0.8	
-	1890	680070	5582190	5.1 0.6	1891	680940	5582040	5.7	1.2	
	1892	681050	5581820	6.5 2.0	1893	681260	5581470	3.5	-1.0	
	1894	661600	5587820	0.8 -0.4	1935	661920	5587410	1.0	-0.2	
` #	1996	662250	5586730	1007	1837	662500	5586760	0.0	-0 4	
	1000	442400	5596500		1930	662000	5526220	<u>V.Z.</u> -	<u> </u>	
	1000	67/970	5594070		1077	47/050	5505430	2 2	-0.5	
	1903	674670	5594177	3.0 - 0.1	1901	674330	5585650	2.0		
	1902	674640	558612J		1933	074220	558656V	2.0	~!•[1 7	
	1904	673860	<u> </u>	$1 \cdot (-2 \cdot 2$	1906	673700	5501000		-1.1	
	1907	659990	559156J	0.9~0.4	1478	659710	2231300	1.1	-0.Z	
<u> </u>	1909	659490	559230J	1.0 -0.3	1910	659150	5592940			
	1911	659300	5593093	2.1 0.6	1912	658660	5593480	1.1	-0.4	
	1913	659030	5593780	1.2 -0.3	1914	658200	5594070	1.3	- 0.2	
	1915	657570	5594170	1.1 -0.4	1916	658630	5594440	1.3	-9.2	
	1917	658760	5595183	1.1 -0.5	1918	658130	5595030	1.7	0.1	
•	1919	658250	5594810	1.3 -0.2	1920	672650	5584970	3.7	-1.6	
	1921	672700	5584420	2.9 -2.4	1922	673160	5584040	3.1	-2.2	
	1923	673270	5583470	5.6 0.3	1924	673760	5582930	7.7	2.4	
	1925	674300	5582780	11.7 5.4	1926	674580	5582220	10.8	3.5	
	1927	673590	5582870	9.4 4.1	1928	673320	5582570	14.4	9.1	
	1929	673450	5582340	11.0 3.7	1930	673560	5581840	5.1	-2.2	
	1931	660060	5589910	1.2 0.0	1932	659580	5590620	0.9	-0,4	
_	1933	<u>658690</u>	5590460	0.6 -0.7	1934	<u>658150</u>	<u>5591420</u>	2.4	1.1	
	1935	657730	5590960	1.3 -0.0	1936	657850	5590910	1.5	0.2	
	1937	657690	5590550	0.9 -0.4	1938	657920	5590340	0.9	-0.4	
	194)	661080	5586550	0.9 -).3	1941	661250	5587200	1.2	0.0	
_	1942	661130	5587770	1.3 0.1	1950	657110	5590030	1.2	-0.2	

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r	Р	RINIC	GEDCHEMIS	TRY	URE	SIDU4	LS LIST	PAC	E 18	
	SAMPL	E EAST	NOPTH	UCR	URS	SAMPL	E EAST	NORTH	UORUR	S
	1961	656680	5589440	0.9	-0.3	195 2	656310	5588850	1.1 -0.1	
	1963	656370	5588610	1.7	0.5	1954	657230	5588530	1.6 0.4	
-	1965	655990	5588580	1.1	-0.1	1980	663110	5586530	0.5 -0.8	
	1981	663270	5586450	1.4	0.1	1982	663600	5585420	0.8 -0.5	
	<u>1983</u>	664100	<u>5585960</u>	0.6	-0.7	1984	664320	5585010	2.1 0.8	
	1985	664580	5586280	1.0	-0.3	1986	664620	5586650	1.3 0.0	
	<u>1987</u>	665020	5586810	1.1	-0.6	2030	654820	5593320	1.5 - 0.8	
	2002	655270	5592970	1,3	-0,3 7 0	2003	655830	5590580	1.4 0.0	
	2041	656930	5593310	<u> </u>	-0 5	2042	656360	5593130	1.3 - 0.3	
	2045	746490	5551250	4.3	-4.2	1739	746280	5551460	71.3 62.8	
	1827	746070	5551270	19-4	10.9	1828	746390	5550570	9.5 1.0	
	1829	746770	5550420	2.9	-5.6	1830	746050	5550020	4.8 -3.7	
£	1831	745640	5549330	9.8	2.1	1832	745030	5549650	5.7 -2.0	
<i>.</i>	1833	744280	5549640	5.3	-0.9	1834	747550	5550380	3.4 -5.3	
	1835	747770	5550180	4.3	-4.4	1836	747530	5549890	3.5 -5.2	
	1838	747360	<u>5549060</u> °	3.8	-3.9	1839	742280	5553610	2.8 -3.3	ى ئە ئەت يەر بىرى بىرى بىرى بىرى بىرى بىرى بىرى بى
	1943	742510	5554150	3.4	-3.2	1944	742760	5554190	3.2 -3.4	
	1945	743360	5554263	3.4	-3.2	1946	743230	5554380	3.0 -3.5	
	1947	743460	5555200	3.3	-1.9	1948	743620	5555940	2.8 -2.4	
	1949	744150	5556300	3.7	-1.5	1950	744750	5556500	3.5 -1.1	· · · · · · · · · · · · · · · · · · ·
	1951	745050	5556400	3.1	-1.5	-1952	745420	5556560	4.5 -1.0	
	1953	738240	5552110	<u> </u>	-3.9	1954	738659	5551420	<u>4•4 - ८•8</u>	
	1922	729700	5550470	4.0.	フ・ラ _フ・フ	1050	720100	5550880	2 7 -2 5	
	1951	739910	5551170	4.7	-2.5	106.6	746620	5546800	3.2 - 3.0	
ł	1967	747030	5546180	4.3	-1.9	1958	747500	5546130	4.3 -2.0	
	1969	746990	5545310	4.2	-2.0	1970	746760	5544520	4.1 -0.5	
	1971	744980	5552280	12.5	5.4	1972	745170	5552890	13.1 5.4	
	1973	745380	5553480	10.3	2.6	1974	745750	5552930	18.4 10.7	
	1976	745670	5553630	19.8	12.1	1977	745720	5554330	8.4 0.7	
	1978	745850	5554760	8.9	1.2	1979	745880	5554420	4.4 -3.3	
	1988	745650	5555360	4.7	-0.9	1989	745650	5555860	5.9 0.3	
	1990	745630	5556450	4.1	-1.5	1991	745950	5557050	4.2 -1.4	
	1992	739070	5548760	4.0	-1.9	<u>1993</u>	739450	5548080		
	1994	740110	5547670	3.5	-1.8	1995	740470	5546930	4.5 0.3	
	1996	741020	5546270	2.9	-1.3	1997	741140	5546420	$3 \cdot 1 - 1 \cdot 1$	
F	2004	741040	5545580	2.4 10 0	10.8 12.∠	2005	741900	5545250	2 7 -5 0	
	2004	746730	5547620	17 9	10 2	2007	747020	5548030	7.2 -0.5	·
	2008	747300	5548700	4.1	-3.5	2009	747780	5549320	84.0 76.3	
	2010	748120	5549720	48.2	40.5	2011	748430	5550220	33.9 25.2	
	2012	742480	5557110	3.4	-2.2	2013	743060	5557020	3 3 -1 9	
	2014	743680	5557160	4.0	-1.2	2015	744310	5557290	4.4 -0.8	
	2015	745030	5557410	3.8	-0.7	2017	745600	5557720	4.7 0.3	
	2018	746000	5557370	3.4	-2.2	2019	746730	5557390	5.0 -0.6	
	2020	747370	5557730	6.0	1,6	2021	747970	5558120	3.7 -0.7	· · · · · · · · · · · · · · · · · · ·
	2022	749130	5553880	3.7	-0.7	2023	742130	5551280	5.1 -1.0	
	2024	741820	5550920	4.6	-1.5	2025	141110	5551230	4.0 -2.1	
н	2026	741550	5550590 5550010	3.1	-2.4	2027	741100	5550340		
	2028	761450	557 0000	2 2	-0.3	2029	761910	5560640	<u> </u>	
	2030	741070	5549080	2.2	-2.1	2022	741000	5549440	4.8 -0 5	
	2034	742 380	5548530	3.0	-1.4	2025	741760	5548330	4.5 -0.3	
	2037	741600	5547930	3.0	-2.3	2038	741190	5547390	3.3 -0.9	1

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PRINIC	GEOC HEM IS	STRY UPE	SIJUALS LIS	Г РАС	GE 19
SAMPLE EAST	NORTH	UDRURS	SAMPLE EAST	NORTH	UORURS
2039 735550	5549100	4.6 -2.2	2040 657880	5594360	1.2 -0.3
2045 742530	5544560	2.6 -1.4	2046 734780	5549630	11.3 4.6
2047 735340	5549370	3.9 -2.9	2048 736190	5549230	2.7 -4.1
2049 736960	5549050	7.5 0.7	2050 737780	5549150	8.8 2.9
2051 738430	5548660	6.4 0.5	2052 739040	5548400	8.3 2.4
2053 735790	5550970	19.4 10.5	2054 735440	5550390	8.7 -0.2
2055 734650	5550760	11.6 2.9	2056 733660	5550680	20.4 11.7
2057 728800	5560830	12.0 4.5	2058 729280	5560400	12.9 5.4
2059 730280	5560680	9.1 3.0	2050 736250	5548680	1.4 0.5
2001 100000	5547400	0.9 0.1	2062 736950	5547650	$6 \cdot 7 = 0 \cdot 1$
2065 738900	5547370	2.7 - 1.9	2054 133210	5547580	$2 \cdot 1 - 1 \cdot 7$
2067 736710	5556000	4.8 -3.9	2050 737100	5555800	$5 \cdot 5 = 2 \cdot 5$ $6 \cdot 7 = 2 \cdot 0$
2070 740990	5552500	3.2 -2.9	2071 740170	5552280	2-7-3-4
2072 739470	5551840	3.4 -3.8	2073 738960	5551340	3.3 -3.9
2074 741300	5556470	4.1 -1.5	2075 740960	5556970	6.8 1.2
2076 741220	5557290	28.9 23.3	2077 741120	5557360	6.3 0.7
2078 740890	5557940	1.5 -3.4	2079 740960	5557910	2.8 -2.1
2080 740710	5551160	4.1 -2.0	2081 741150	5551650	3.0 -3.1
2082 741090	5550780	7.0 0.9	2083 740520	5550440	8.7 2.6
2084 739780	5550270	10.4 3.2	2085 739270	5549580	8.4 2.5
2086 739000	5549630	5.8 -0.1	2087 737190	5552970	15.9 6.3
2038 736400	5553360	16.5 6.9	2089 735900	5553930	15.4 5.8
2090 735170	5554120	16.3 6.7	2091 734280	5554100	16.3 6.4
2092 736130	5552440	8.6 - 9.3	2093 735270	5552450	14.2 5.3.
2094 735200	5552300	13.6 4.7	2095 735960	5552020	20.0 11.1
2098 737350	5551830	$\frac{0.0 - 2.1}{10.4 + 1.5}$	2091 130040	5552200	3, 7 - 3, 2
2100 737160	5554420	5.7 - 3.0	2101 737220	5556920	23.0 13.8
2102 737480	5557240	22.8 14.1	2104 737260	5557500	8.3 1.1
2105 736830	5556950	2.0 -6.7	2106 737030	5557360	4.5 -4.2
2107 736980	5557220	3.3 -5.4	2108 736980	5557210	3.9 -4.8
2109 735580	5555210	2.2 -6.5	2110 735280	5554810	9.1 -0.5
2111 737100	5555890	18.0 9.3	2112 736680	5555370	5.0 -3.7
2113 736340	5555580	4.8 -3.9	2114 735750	5555610	13.7 5.0
2115 740 920	5556090	7.0 1.4	2116 740610	5555630	3.9 -1.7
2117 740470	5555380	4.7 -0.9	2118 740230	5555160	5.6 0.0
2119 740250	5555010	5.6 0.0	2120 734210	5548670	7.3 0.6
2121 (34940	5548570	8.5 1.8	2122 735720	5543460	12.3 5.5
2123 736100	5547810	6.2 - 0.6	2124 736510	5547190	5.1 0.1
2125 736350	5544500	30 32	2120 130200	5541520	2.6 0.6
2127 738330	5562100	7.2 - 0.3	2120 729360	5562070	
2121 728050	5563530	6.9 1.4	2130 728300	5563780	
2133 738200	5564560	3.9 - 0.3	2134 738890	5564150	3.7 - 0.5
2135 739270	5563860	5.6 1.4	2137 739010	5563700	4.4 9.2
2138 738800	5563100	4.5 0.3	2139 738890	5563210	2.6 -1.6
2140 734540	5546320	3.0 -1.9	2141 734660	5546350	1.8 -3.1
2142 734720	5546970	2.6 -2.3	2143 734780	5545990	3.5 -1.4
2144 735020	5545520	5.4 0.4	2145 734910	5545060	2.4 -1.7
2146 734420	5545260	2.8 -2.1	2147 735330	5545160	2.3 -2.7
2148 735650	5544730	6.6 3.0	2149 736130	5544260	2.1 -1.5
2150 736480	5544020	3.6 - 0.0	2151 736560	5559510	8.1 0.9
2152 736260	55597602	36.0228.8	2153 736130	5559790	6.4 -0.8
2134 130810	2222100	0.0 -0.0	2155 131730	2224480	12.0 0.4

 PRINI	IC (GEOCHEMI	STRY	URI	ESIDUA	LS LIST	ΡΑΟ	E 20		
 SAMPLE EA	ST	NORTH	UCR	URS	SAMPL	E EAST	NCRTH	UIDR	URS	
 2156 7376	540	5560380	1.5	-3.2	2157	738110	5560370	1.5 -	-3.2	
2158 7385	530	5559840	8.0	1.9	2159	739400	5559930	9.1	3.4	
 2160 729	500	5546320	2.5	-1.9	2151	730890	5546420	3.6 -	-0.7	
2164 7314	400	5546800	4.2	-0.1	2155	732030	5547350	4.0 -	-0.3	
 2166 732	500	5547220	5.7	0.8	2157	733020	5547130	4.2 -	-0.7	_
2168 7333	390	5546840	3.7	-1.2	2159	733250	5546830	3.0 -	-1.9	
 2170 7339	950	5546550	3.0	-1.9	2172	741000	5564320	7.6	2.8	
2173 7420	080	5564770	6.5	1.7	2174	742500	5564960	1.6 -	-3.6	
2175 7435	550	5564940	8.0	3.2	2176	744450	5564190	1.7 -	-3.1	
 2177 7449	<u>550</u>	5565140	3.1	-2.6	2178	745120	5565170	<u> </u>	2.4	
2179 745	510	5566130	2.8	-2.2	2130	730770	5560910	11.5	4.8	
 2181 7309	<u>900</u>	5560470	5.2	-1.5	2182	731570	5560290	9.3	2+6	
2183 7310	550	5560090	2.5	-4+2	2154	722090	5550400	7•1 97	0.9	
 2182 (32)	40	5550740	9.0	2+3	2120	722800	5550500	<u>0.1</u> 8.2	0.6	
2100 7341	120	5559190	50.6	42.7	2100	734710	5559170	9.2	1.3	
 2191 734	500	5559040	5.4	-7.5	2192	739600	5565640	3.7 -	-1.2	******
2193 7402	250	5566010	2.9	-2.9	2194	740580	5566180	4.2 -	-1.6	
 2195 7402	2 90	5566380	2.6	-3.2	2196	740580	5566450	3.4 -	-2.4	
2197 7404	400	5566640	7.0	1.2	2198	739900	5567130	10.5	5.6	
 2199 7394	+50	5567760	8.7	3.3	2230	740000	5554540	6.9	0.8	
2202 7397	710	5554710	4.9	-2.8	2233	739820	<u>5555300</u>	11.0	3.8	
2204 7400	010	5555960	4.7	-0.9	2205	740400	5556270	3.9 -	-1.7	
 2206 7398	530	5554020	11.5	3.8	2207	739040	5554130	7.4 -	-0.3	
2208 7387	720	5553650	6.2	-1.5	2209	738340	5553630	11.2	3.5	
 2210 7381	20	5552980	12.4	4 • 7	2211	743260	5561760	2.7 -	-1.5	
2212 7431	130	5561620	4.6	0.3	2213	742500	5561730	4.1	0.4	
 2214 7418	310	5561520	3.1	-0.9	2215	741100	5561580	<u> </u>	2 4	
2210 7410		5562110	10+4	2+0 6 9	2210	722220	5562190	2.2 -	-3.6	
 2210 742	$\frac{10}{20}$	5568700	4 8	<u>-0.</u>]	2 2 2 1	741350	5559130	5.3	0.4	
2222 7418	320	5559430	3.3	-1.5	2223	742160	5559560	5.0	0.1	
 2224 7421	40	5559440	4.1	-0.8	2225	742230	5559460	3.8	-1.1	
2226 7425	540	5559950	3.5	-9.5	2227	742720	5559880	3.9 -	-0.5	
 2228 742	750	5559960	1.1	-3.3	2229	743550	5560250	1.9	-2.4	
2230 7441	20	5560020	0.9	-3.4	2231	744020	5560020	5.6	1.3	<u> </u>
 2232 7440	530	5559380	3.3	-1.1	2233	745110	5553540	4.4	0.0	
 2234 745	510	5558190	_ 2.7_	-1.7	2236	730900	5549280	1.8	-3.6	
2237 7303	340	5549750	2.0	-3.4	2238	729730	5550430	2.8	-2.4	
 2239 728	940	<u>5551000</u>	2.0	-3.2	2240	739540	5559850	3.6.	-2.5	
2241 7472	230	5567890	3.7	-1.5	2242	746540	5567750	5.9	0.7	
 2243 745	2 20	5567910	<u> 4.5</u>	-0.1 17 6	2244	744300	5568030	4.2	-1 4	
2245 1442	720	5567900	22.7 24.1	41.0	2240	749120	5563060	4•1 7.9	-1.0	
 2241 143	150	5568460	4 2	-2 1	2250	739.180	5568920	5.2	-0.1	<u> </u>
2247 1430	430	5568750	+•4 6.2	0-8	2252	740170	5568770	3.1	-3.4	
 2253 7404	<u>+ cn</u>	5563680	4.1	-2.4	2254	741030	5563730	4.1	-2.4	
2255 7419	5 70	5568580	4.5	-2.0	225.6	741750	5568420	98.4	91.9	
 2257 741	850	5568740	17.0	10.5	2258	742150	5563500	5.1	-1.4	~
2259 7480	540	5568650	5.1	0.5	2250	745730	5566630	1.9	-3.1	
 2251 7460	080	5567140	2.7	-2.3	2252	746610	5567670	2.5	-2.7	
 2263 7461	<u>140</u>	5567730	4.5	-0.7	2254	727400	5546370	2.7	-0.5	
 2265 726	610	5546720	2.9	-0.4	2256	725860	5546830	2.5	-0.8	
2267 725	190	5546500	3.4	0.1	2258	724640	5545880	4.4	0.7	

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	PRINIC	GEDCHEMIS	STRY URI	ESIDUALS LIS	г РАС	E 21	· · ··································
	SAMPLE EAST	NCPTH	UORURS	SAMPLE EAST	NORTH	UORURS	
				3371 736430	EE(7(20	2 7 - 0 6	and the design of the second
	2272 726400	5547830	4.3 0.9	2273 127360	<u> </u>	3.4 - 0.9	
	2274 727440	5547660	3.4 -0.9	2275 728120	5548020	4.8 0.4	
	2276 731250	5567290	2.6 -0.9	2277 731480	5568420	3.3 -0.2	
	2278 731620	5569070	2.8 -0.4	2279 732730	5569500	3.0 -0.4	ی سر او میرا اس و میراند. او میرا اس و میراند و میراند و میراند و میراند.
	2280 738650	5563270	3.4 -0.8	2281 738730	5562860	3.0 -1.2	
	2282 738960	5562480	3.5 -1.2	2283 739190	5562320	2.6 -2.1	
Ĩ	2284 739600	5561910	2.8 -1.9	2235 738930	5561660	2.0 -2.7	
	2286 738780	5561830	$\frac{1+4-3+3}{2}$	2287 738370	5561830	2.0 2.1	• • • • • • • • • • • • • • • • • • •
	2288 737930	5561520	$2 \cdot 0 - 2 \cdot 7$	2289 /3/210	5562170	$3 \cdot 0 = 2 \cdot 1$	
	2290 131110	5562540	$\frac{2 \cdot 0}{2 \cdot 1}$	2291 130010	5562600	$\frac{2 \cdot 7}{3 \cdot 1} - (1 \cdot 7)$	en an an Station an Station of Station of Stationary in and a statement of Stationary and Stationary and Statio
	2292 735800	5562600	$2 \cdot 1 - 1 \cdot 1$	2295 735740	5562280	2.3 -2.8	
	2296 733220	5554800	7.8 -2.1	2297 732770	5555140	15.3 5.9	
	2298 732570	5554830	17.0 7.1	2299 732440	5554940	20.4 9.9	
	2300 731860	5552120	8.4 1.8	2301 731800	5551670	13.4 5.8	
	2302 731540	5551330	7.1 0.5	2303 731100	5551510	5.4 -1.2	anna an
	2305 730750	5551890	6.5 -0.1	2336 730480	5551880	5.2 -1.4	
	2307 729950	5552090	5.3 0.1	2308 729660	5552360	5.2 0.0	
h	2309 729260	5552440	4.7 -0.5	2310 728650	5552600	1.6 -4.4	
	2311 728080	5552570	4.5 -1.5	2312 727640	5552180	3.6 - 1.6	
	2313 727470	5552080	2.0 -3.0	2314 727800	5551690	2.3 -2.9	
	2315 728120	554 4020	$\frac{2 \cdot 0}{4 \cdot 0} = \frac{3 \cdot 2}{3 \cdot 1}$	2316 727940	5574450	5710	
	2317 719910	5546050	69 29	2310 119300	5570530	3.3 -0.2	
	2321 733780	5563800	2.9 -0.5	2322 734650	5568540	5.9 2.5	
	2323 717760	5550400	3.5 -0.5	2324 717820	5550430	3.4 -0.5	
	2325 717600	5541610	2.4 -0.7	2326 717460	5542500	2.7 -0.5	
	2327 717510	5543330	7.8. 4.4	2328 717390	5551730	3.1 - 3.8	*********
	2329 717100	5552120	3.1 -0.8	2330 717140	5552750	5.7 2.2	
	2331 718220	5553140	3.1 -0.7	2332 718500	5553180	<u>3.9 0.1</u>	
-	2334 718810	5553380	4.3 0.5	2335 719020	5553440	1.1 -2.7	
·	2336 719330	5553770	2.9 -0.9	2337 719520	5553(50	1.5 -2.2	
	2338 720160	5554330	3.7 -0.9	2339 717320	5543310	$2 \cdot 3 = 0 \cdot 9$	
	2340 739920	5568550	76 22	2341 139030	5552310	$\frac{3 \cdot 3 - 1 \cdot 3}{4 \cdot 0 - 0 \cdot 1}$	
	2342 723570	5551820	5.7 0.7	2345 723830	5551340	21.1 16.1	
	2345 723660	5550950	3.9 - 1.1	2347 724180	5551410	3.4 -1.6	
	2348 725000	5551800	4.4 -0.6	2349 725630	5551920	4.1 -0.9	
	2350 726150	5552060	4.1 -0.9	2351 725710	5552110	5.1 0.1	
	2352 725480	5552430	3.8 -1.2	2353 725100	5552710	2.6 -3.0	
	2354 728730	5545010	2.4 -1.1	2355 728250	5544600	2.4 -1.0	
	2356 728400	5543930	1.8 -1.6	2357 728130	5543620	2.1 -1.3	
à	2358 727670	5543450	2.3 -1.1	2359 727590	5544 (20) EEC 3430	$2 \cdot 0 = 1 \cdot 4$	
	2360 133830	5562660	$\frac{2 \cdot 3 - 3 \cdot 3}{2 \cdot 3 - 1 \cdot 0}$	2351 134510	5562430	$\frac{2 \cdot 1 - 3 \cdot 1}{2 \cdot 2 - 2 \cdot 0}$	
	2366 740420	5562701	2+2 ~L+9 5.0 0 2	2365 738200	5553100	8.0 2.0	
	2366 727560	5552940	4.7 -1.3	2357 727400	5553060	11.1 5.5	
	2368 727190	5552760	4.5 -1.1	2359 727070	5552870	12.6 7.0	
	2371 726380	5552340	6.0 0.4	2372 726880	5552480	2.2 -2.8	
	2373 726360	5553170	2.3 -2.3	2374 726810	5553250	2.2 -3.4	
	2375 726500	5553650	5.4 -0.2	2376 726150	5554100	4.6 -1.0	
	2377 726900	5554010	11.5 5.9	2378 727270	5553510	3.1 -2.5	
	2379 728120	5553520	6.8 0.8	2380 727200	5544270	1.7 -1.5	
	2381 726680	5544273	0.5 -2.1	2382 126620	5543960	2.2 -1.0	

PRINIC	GEOCHEMIS	TRY URE	SIDUALS LIST	? A G	E 22	
SAMPLE EAST	NORTH	UORURS	SAMPLE EAST	NOR TH	UCRURS	
2383 728910	5544050	2.1 -1.3	2384 729370	5544540	2.1 -1.3	
- 2385 729810	5544960	2.5 -0.8	2386 729750	5545140	$1 \cdot 3 = 1 \cdot 1$	
2387 134390	5564450	2.9 - 1.1	2300 735000	5564300	2.7 - 1.1	
2389 734000	5504790	$3 \cdot 0 = 1 \cdot 0$	2370 735200	5566350	2.7 - 1.0	
2391 735140	5567130	2.3 - 0.9	2372 735450	5567830	3.1 - 1.0	
2373 133170	5547541	2.3 - 1.9	2396 717680	5548530	3.3 -0.8	
2397 717690	5549250	3.7 - 7.4	2398 716970	5552850	3.3 - 0.2	
2399 716620	5553020	2.7 -0.8	2402 720500	5547540	3.1 -1.4	
2403 720290	5547580	5.3 0.8	2404 720020	5547900	5.6 1.1	
2405 719980	5548480	3.7 -0.4	2406 720330	5548060	4.7 0.2	
2407 720600	5548640	2.6 -1.9	2408 720360	5549190	6.0 1.5	
2409 719910	5550260	5.0 1.0	2410 719610	5550590	4.2 0.2	· ·
- 2411 719250	5550650	6.5 2.5	2412 718650	5550480	4.5 0.5	
2413 736360	5568413	2.9 -1.2	2414 738330	5568550	3.3 -2.1	
2415 738680	5563800	4.2 -1.2	2416 738340	5568980	5.0 -0.4	
2417 738000	<u>5563820</u>	2.7 -2.7	2418 73/310	5568980	$\frac{2 \cdot 1 - 1 \cdot 4}{1 \cdot 1 - 1 \cdot 4}$	
2419 736820	5569180	3.2 -0.9	2420 732350	555559V	10.1 5.0	
2421 732360	5556490	$\frac{2 \cdot 8 - 5 \cdot 9}{2 \cdot 1 + 6 \cdot 7}$	2422 (32150	5553570	$\frac{2 \cdot 1}{3 \cdot 1} = \frac{7 \cdot 7}{7}$	
2423 732130	5554280	5 5 _ 2 3	2424 152200	5554680	4.5 - 7.3	
2423 731300	5554970	3.9 -3.9	2428 730210	5554430	4.7 -3.1	
2429 729720	5554020	6.0 - 0.0	2430 729210	5553640	4.2 -1.8	
2431 728920	5553980	11.1 5.1	2432 728360	5554350	7.9 1.9	
2433 728460	5555000	7.3 - 0.2	2434 724610	5544070	2.4 -0.8	
- 2435 725110	5543830	2.8 - 0.4	2436 724060	5543690	2.4 -0.8	
2438 723760	5545680	2.6 -1.1	2439 723130	5545910	2.9 - 7.8	
2440 720290	5545860	2.9 - 1.1	2441 720810	5546060	2.4 -1.6	
2442 720910	5546600	2.91.1	2443 720770	5546850	3.2 -0.8	national data para kata pagagangang
2444 721380	5546770	3.1 -0.9	2445 721770	5545930	4.9 0.9	
2445 721940	5546(80	$3 \cdot 3 - 0 \cdot 1$	2441 122040	5547251	$\frac{3_{+}3_{-1}}{7.1}$	
2440 122410	5549290	2.5 -1.0	244 3 721790	5549380	4.3 -0.2	
2452 722000	5549900	4.4 - 0.1	2453 721660	5550340	5.7 1.0	
2454 722970	554 9230	8.2 3.3	2455 722510	5543660	5.3 0.9	
2456 722190	5548520	3.7 -0.8	2457 721900	5548950	2.2 -2.3	
2458 721480	5549480	2.2 -2.3	2459 722000	5548150	10.0 5.5	
2460 709000	5549190	16.7 7.0	2451 708630	5548770	10.9 1.2	
<u> </u>	5548250	5.7 -4.0	2453 708130	5547620	14.5 4.8	
2464 708450	5547200	25.7 16.5	2455 708560	5546660	23.7 14.5	
2466 708400	<u>5546690</u>	41.1 38.5	2457 708950	5550570	12.4 4.8	
2458 709100	55751150 5575650	-2 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 -	2439 109030	5543600	2.6 -0.8	
2473 722700	5543250	$2 \cdot 3 - 1 \cdot 9$	2474 722120	5544100	2.7 - 3.7	
2475 721860	5544800	3.5 0.1	2476 721330	5544350	3.9 0.5	
2 477 720760	5545220	3.0 -1.0	2478 720190	5545590	2.2 -1.8	
2479 729920	5559520	12.2 3.8	2480 728850	5557010	10.2 2.7	
2481 728610	5557770	13.0 4.5	2482 728440	5558520	12.2 3.8	
2483 729000	5559060	7.5 -0.9	2484 723560	5559390	10.0 1.5	
1 2485 727810	5559420	15.2 5.8	2486 727870	5559720	2.5 -5.9	
2487 719840	5545410	5.8 2.3	2488 /19360	<u>5544840</u>	4.1 1.7	
2489 719460	5545860	3.5 - 3.3	2490 118690	5545950	○•○ =∀•○ ○ 5 === *	
2491 121520	<u>5558221</u>	-1 0 0.0	2472 120100	5552370	$\frac{2 \cdot 2 - 2 \cdot 1}{4 \cdot 5 - 3 \cdot 1}$	
2495 726040	5557810	8.2 1.9	2496 723390	5557060	5.1 0.1	
						· · · · ·

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	PR	INIC	GEOCHEMI	STPY UR	ESIDUALS LIST	T PA(GE 23	
SAMP	ιE	EAST	NORTH	UGRURS	SAMPLE FAST	NOR TH	UORURS	они и торина и поли и торина
2.4	7	22660	5557170	3.9 -2.1	2498 722050	5557250	11.3 6.7	
24	7	21770	5557430	4.1 -0.5	2500 721640	5549670	5.3 0.8	
2501		21292	5549100	5.8 1.3	2502 722050	5547880	4.2 -0.3	
2503	$-\frac{T}{2}$	29510	5564590	3.6 -1.9	2535 729950	5564280	1.9 -3.6	
2505	~	30230	5564380	2.1 -2.0	2507 730580	5564820	2.5 -2.2	haan falaala diinteedoo kohiitaa maka sofaana dii mkaataa
2508	1	30460	5564790	3.4 - 1.3	2509 730830	5564290	2.1 -2.6	
2510		30390	5563720	1.3 2.6	2511 730860	5563670		
2512	- {. 	30285	0 0003210	2.8 -1.9	2513 (31260	5562830	2+3 -2+4	
2514		31 330	5562080	3.1 -3.5	2515 (31530	5562120	2.9 - 3.8	·
2516	1	32000	5562790	2.5 -2.2	2517 732440	5562910	$3 \cdot 1 = 1 \cdot 0$	
2518		32610	0 5563670	4.0 0.0	2519 732600	5564110	$2 \cdot 9 - 1 \cdot 1$	······
2520	1	53180) <u>5564250</u> N 6657710	2+2 1+3	2521 (32500	5564500	$3 \cdot 0 1 \cdot 0$	
2722			$\frac{1}{555}$	3.9 -4.5	2723 170330	5551000	$2 \cdot 3 = 0 \cdot 0$	
2024		5035C 5075C	1 5546570 N 5575750		2525 150510	2247740	1.7 -4.0	
2220		<u>20020</u>	7 224242U	$2 \cdot 2 = 2 \cdot 2$	2527 745700	5550070	<u> </u>	
2028 2020	7	44026 24588) 5545070) 5540200	$2 \cdot 9 - 2 \cdot 1$	2529 148850	5560050	4.0 V.I	
2220		20240	5569393	2 - 0 - 1 + 2	2522 722940	5563930	<u> </u>	
インコン コピコル		20000) 3342000 N 5563030	2+2 -9+1	2000 120040	5542340	4:0 1:4	
2 2 2 4		24120	5542020	$\frac{4 \cdot 1}{2} 0 \cdot 1$	2222 122130	5541520	$\frac{3 \cdot 1}{2} - \frac{1}{4}$	
25.25	7	24100) 5541555	$2 \cdot 1 = 1 \cdot 0$	2221 124200	5541200	$2 \cdot 0 = 1 \cdot 7$	
2223	- 1 -	24190	5541010	27 - 20	2559 125120	5541260	77 - 70	
くつ41 つにんつ		27100	5550500	$2 \cdot 1 = 2 \cdot 3$	2542 725010	5552250	$2 \cdot 1 - 2 \cdot 0$	
2743	7	25 5 2 4		$\frac{23.4 \pm 3.0}{12.0 \pm 3.2}$	2546 724220	5557530	$-\frac{4+4}{7}$	
インサン クロルブ	1.	くろううい	5556950		2548 723020	5556770	13 8 7 8	, `
<u>とりすり</u> 28 つ		22540	5557390	6 6 0 9	2550 714620	5553430	3.1 - 0.4	
2 2	- '-	16630	5553210	18 - 17	2552 716260	5554080	27 - 0.8	
<u></u>	· · · <u>'</u> ·	15820	5554700	2 6 -0.9	2554 715370	5555160	2.7 -0.5	
2555	7	15120	5555230	2.2 -1.0	2556 714900	5555830	3.1 -0.0	·
2557	7	7160	5543270	2.7 -0.5	2558 716620	5543090	2.9 -0.3	
2550	7	16120	5543690	3.3 0.1	2550 715700	5544470	2.6 -0.6	
2561	7	6200	5545660	2.3 -1.2	2562 716540	5546400	2.3 -1.2	
2562	7	15630	5546850	3.4 -0.1	2554 717000	5547020	3.1 -0.4	
2565	7	17260	5547600	2.6 -1.3	2556 721130	5532650	3.3 -3.6	· · · · · · · · · · ·
2567	7	20760	5533520	2.7 -4.2	2558 722750	5532290	3.0 -5.5	
2569	7	22460	5533250	8.1 1.2	2570 717460	5544270	3.5 0.3	na l'anna deservations and marts of an arrange in such
2571	7	17640	5545010	2.7 -1.1	2572 717880	5545440	3.5 -0.3	
2573	7	17920	5545820	2.7 -1.1	2574 718160	5546230	2.7 -1.1	
2575	6	99430	5546820	1.3 -1.9	2576 700570	5547200	1.6 -0.8	
2577	7	28210	5542290	1.9 -2.8	2578 728580	5541970	3.1 -1.6	
2580	72	28930	5541640	1.3 -3.4	2581 729050	5541530	1.9 -2.8	
2582	7	29020	5541290	1.9 -2.8	2583 729290	5540780	2.7 -2.0	
2584	72	29650	5540160	2.5 -2.2	2585 729810	5540140	4.0 -0.7	
2586	7	29960	553 9420	8.4 1.0	2587 698030	5544580	3.1 0.4	
2 5 88	6	97850	5545220	2.0 -1.2	2589 704340	5543060	0.5 -2.4	
2590	7	21060	5557520	3.5 -1.5	2591 720500	5557000	3.4 -1.2	
25°2	7	19950	5555600	5.2 1.5	2593 718950	5556270	3.5 - 0.2	
2 5 9 4	7	18210	5556230	3.9 0.2	2595 717300	5555640	7.5 4.3	
2596	7	16350	5555380	3.1 -0.1	2597 717320	5537070	7.7 4.0	
2 59 8	7	16570	5536920	3.5 -0.2	2599 716040	5537370	6.4 2.7	

2601 716400 5538690

2603 716350 5539560

2635 699260 5546930

2607 723690 5535910

2.9 -0.2

2.9 -0.2

1.2 -2.0

2.8 -6.0

2 <u>715990 5538480</u> 2.1 -1.0

2604 716160 5539590 2.8 -0.3 2505 701160 5547350 1.5 -0.9

2.8 -0.3

2608 723220 5536230 2.7 -6.1 2610 721870 5557600 2.0 -3.0

20.2 716510 5538910

E. 7

<u> </u>	PRINIC	GEOCHEMIS	STRY UR	ESIDUALS LIST	r PAG	E 24	
	SAMPLE EAST	NCRTH	UCRURS	SAMPLE EAST	NORTH	UDRURS	
	2611 721 300	5557770	2.3 -2.7	2612 720550	5557630	2.1 -2.9	_
1	2613 719960	5556850	1.7 -2.0	2614 719710	555672()	$3 \cdot 3 = 0 \cdot 4$	
	2615 719710	5556150	$3 \cdot (-) \cdot 0$	2616 119770	5541950	4.1 1.0	
	2617 719490	5541700 5541700	3.0 0.0	2010 719230	5541940	1 2 1 9	
•	2619 718930	5541710	$2 \cdot 3 - 3 \cdot 3$	2620 115520	5541100	$\frac{1 \cdot 2}{3 \cdot 1 - 0}$	
	2621 710200	5542100	1 7 - 0 9	2622 117070	5545300	1.9 -1.3	
	2623 100500	5544470	$1 \cdot 5 - 7 \cdot 6$	2624 099900	5527040	21 - 47	
	2020 099100	5546590	1.0 ~1.0	2620 724010	5536250	5.8 -5.1	
	2621 124300	5541570	$\frac{0.5 - 2.5}{2.6 - 0.7}$	2620 725100	5561340	19 - 20	
	2029 110070	555160	2.4 -0.1	2632 716630	5550950	7.4 - 7.5	
<u></u>	2631 716330	5550170	2 2 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	2632 715880	5549890	16.1 12.2	an a
	2033 110330	5540470	3 - 2 = 0 - 1	2034 715500	5549460	3.8 -0.1	
	2635 116050	5540070	$\frac{3.3}{3.7}$ 0.6	2638 715870	5540470	3 9 0.8	
·	2637 710240	5540680	30 - 01	2640 715700	5541330	2.4 - 0.7	
	2641 715860	5542050	1 9 -1 2	2642 715910	5542210	2 9 -0.2	, , ,
	2643 715430	554 2769	4513	2644 716279	5542750	3.9 0.7	
	2645 716540	5542743	30-02	2647 716460	5542090	2.6 -0.5	ananataa oo u talam tahusan dahadanda da
	2648 716510	5542010	4.5 1.4	2649 716820	5541500	3.3 0.2	
	2650 722710	5536870	3 4 -5.4	2651 721940	5536750	5.2 -0.4	
	2652 723090	5536861	19 - 69	2653 724440	5535370	2.4 -6.4	
	2654 708110	554 2730	0.5 -6.2	2655 708420	5543010	5.2 -1.5	·····
	2656 709800	5543660	26.3 19.6	2657 709190	5543080	13.3 6.6	
	2658 710080	5543130	1.8 -3.7	2659 710150	5544160	2.2 - 3.3	
	2660 710250	5544520	1.9 -3.6	2651 710050	5544500	2.0 -3.5	
	2662 706540	5550360	3.4 -2.6	2653 705680	5550380	2.3 -3.7	
a b	2664 704470	5550410	2.3 -1.5	2655 703670	5550710	3.9 0.1	
	2666 725530	5559380	5.3 -2.3	2657 725190	5559250	4.8 -2.8	
	2669 725060	5559180	4.7 -2.9	2670 723370	5533620	2.5 -6.8	
	2671 724030	5533320	2.4 -6.9	2672 723690	5534100	4.5 -4.8	
	2673 698790	5543820	1.7 -1.0	2674 699180	5543270	1.5 -1.2	-
	2675 713220	5549850	0.7 -5.2	2676 713610	5549540	0.5 -5.4	
	2677 712780	554 9550	2.9 -3.0	2678 712040	5549620	5.7 -2.4	
	2679 712210	5549270	2.5 -6.6	2630 711920	5548880	4.4 -4.7	
	2681 704400	5550210	6.8 3.0	2682 703830	5549650	2.3 -2.2	
	2683 703950	5549090	9.5 5.0	2684 704580	5548600	12.7 8.2	
	2685 711800	5550850	5.2 -2.0	2686 711210	5551340	2.8 -4.4	
-	2687 711830	5551950	3.6 -3.6	2688 712550	5552580	4.0 -1.9	
	2689 711030	5551650	61.9 54.7	2690 720110	<u>_5537510</u>	5.1 2.0	
	2691 719910	5537900	2.5 -0.7	2692 719540	5537800	1.9 -1.3	
	<u>2693 719460</u>	5537970	2.3 -0,9	2694 719293	<u>5538040</u>	2.5 -0.7	10
	2695 719230	5533840	2.1 - 1.1	2696 719340	5538920	3.0 -0.2	
	<u>2697 718890</u>	5539620	2.3 -0.9	2698 718220	5540170	1.9 -1.2	
	27)0 717770) 5540710	2.1 -1.0	2701 702880	5542660	5.1 2.2	
	2702 702630	5543710	0.5 -2.4	2703 702680	<u> </u>	0.7 -2.2	
	2704 702950	5546290	2.2 -1.8	2735 702180	5546420	1.0 -1.4	
-	2706 701300	1 5546700	1.1-0.1	2131 121363	55418(0	$1 \cdot 3 - 1 \cdot 5$	a Maatan walioo ahaangala walioo ahaaliinin waxaaliinin
	2708 724880	5540180	3.0 -1.0	2709 707240	5545910		
	2/10 /07000	5549333		2/11 /0/160	<u>5546510</u>	2.5 - 4.9	
-	2712 706860	1 5547950 	2.8 -4.6	2713 706750	5548070	1.5 -5.9	
	2714 710860) 5543810	29.6 20.5	2715 709930	5543930	31.3 21.8	· ·
	2/16 /09590	1 5548930 EE/0010	41.1 31.4	2111 109860	- 334334U - 55555 34	24+7 Z4+1	
	2718 709290	<u> </u>	32.1 20.0	2721 701400	5555500		
	2120 101330	/ 2220ZZU		2721 101400	5556670	1.1 _ 1 9	
	2122 101050	2220290	1.4 -0.0	CICD IVEDED	טיפטכע_	1+1 7J+7	

-	PRINIC	GEOCHEMI	STRY URI	SIDUALS LIS	T PAC	CE 25	
	SAMPLE EAST	NORTH		SAMDIE EAST	NODTH		
-		.10011	0 0 0 0 0 0	SAMPLE CASI	NUKIN	U, UK U KS	
	270/ 70-742			an a faranan marana an an an an an an an ann an ann an	t mit der allte der anderen sollten mit mit des einen der sollte.	ananan namat kang ana kecang nina tau ang nina kang ang nina nang seri nina ng pangan s	a Marina - Marina Marina (Marina - C. and Calandra) - Ananak
	2724 701730	5554560	4.7 2.5	2725 701700	5554860	2.5 0.3	
	2729 702220	5553950	1.2 -1.0	2727 701940	5553120	1.6 -0.6	
	2730 706280	5562600	$1 \cdot 4 - 1 \cdot 3$	2729 706830	5555510	2.4 -0.5	
	2732 706390	5545721	0.8 - 2.1	2731 105440	5544070	$3 \cdot 7 - 1 \cdot 6$	
	2735 697790	5552040	$2 \cdot 7 - 4 \cdot 0$ 1.9 - 0.7	2736 69700	5552120	2.0 - 0.5	
	2737 697560	5553160	3.6 1.6	2738 693460	5553620	1.9 - 0.1	
	2739 707310	5556040	2.7 - 0.2	2740 707500	5556090	$\frac{2.0}{1.9-1.3}$	
н	2741 707260	5556610	3.3 0.4	2742 706750	5557340	2.3 - 0.6	
	2743 706320	5558200	2.1 -0.5	2744 706960	5557590	1.6 -1.0	
1	2745 707640	5556820	6.1 2.9	2746 708140	5556300	1.5 -1.7	
	2747 708920	5556110	1.5 -1.7	2748 705380	5557770	1.9 -0.7	annan e chailtean anns anns an chuir ann ann ann ann ann ann ann ann ann an
	2749 705810	5559550	2.8 0.2	2750 725360	5535850	40.6 29.7	
	2751 725490	5535500	72.8 61.9	2752 725350	5536260	18.8 7.9	
	2753 725270	5536650	32.8 21.9	2754 725250	5537100	23.4 12.5	
	2755 709220	5551900	7.4 -0.2	2756 709360	5552000	8.9 1.3	
	2757 730360	5568473	2.8 -0.4	2758 730540	5567980	3.1 -0.1	na stanovni i zavenovni pravni povrte na vo povrtega
	2759 729970	5567610	3.3 0.0	2750 730010	5567040	2.5 -1.0	
	2761 730550	5563700	3.0 -0.2	2752 730580	5569180	2.6 -0.6	
2	2763 731900	5567790	3.3 0.1	2754 713450	5560940	1.6 -1.5	
	2765 714030	5561910	2.0 -1.1	2756 714380	5562340	2.3 -0.8	
	2769 712700	JJ03410	2.3 -0.9	2758 713580	5562600	6.4 3.2	
	2772 708870	5560100	$\frac{10.9}{2.3}$ - 0.2	2772 712010	5560190	2.9 0.4	an ann a bear ag marainn aite an salladhaine lacha e
	2774 713380	5557600	$2 \cdot 3 = 0 \cdot 2$	2115 115010	555845U	2.5 -0.4	
	2801 725370	5560020	7.7 0.3	2812 725630	5560800	$\frac{4 \cdot 1 - 2 \cdot 9}{2 \cdot 7}$	
	2803 726050	5561470	2.8 -4.5	2374 726880	5561850	13 2 5 9	
······	2805 710130	5561180	2.2 -0.6	2807 711350	5560880	3.2 0.4	
	2808 712110	5560870	2.7 -0.1	2839 712700	5560540	$2 \cdot 2 - 2 \cdot 9$	
	2810 711160	5559540	2.3 -0.4	2811 711930	5559660	2.1 -0.6	
	2812 714000	5557650	1.3 -1.6	2813 714050	5556760	2.7 -0.4	
•	2820 710680	5552140	2.8 -4.4	2821 710180	5552140	0.5 -6.7	
	2822 710360	5552110	5.5 -1.7	2823 705900	5559760	2.9 0.3	
	2824 706420	5559750	3.2 0.5	2825 699910	5559500	1.3 -0.5	
	2825 699210	5558440	1.5 -0.3	2827 698380	5553260	1.7 -7.8	
	2828 698200	5557930	1.2 -0.5	2829 697480	5557620	1.8 0.1	
	2830 696000	5556780	2.2 0.5	2840 708650	5555180	5.2 2.0	
	2841 709110	5555110	6.7 3.5	2843 709530	5554540	3.1 -1.9	
	2844 709200	5555120	2.6 -2.3	2845 703920	5554840	2.0 -2.9	
	2848 706900	5554920		2847 703090	5555720	1.7 -1.5	
	2850 707710	5553620	3 5 -1 4	2251 60(1(0	5554190	3.1 -1.0	
	2852 696760	5551810	3.3 - 1.4	2021 090100	5552280		
	2854 698100	5550410	1.7 - 3.9	2355 600760	5550200	4 4 2 0	
÷	2855 700790	5550620	1.7 - 1.7	2857 701530	5550520	$4 \cdot 0 2 \cdot 0$	
1	2858 702540	5550470	1.8 -2.0	2359 747300	5563610	2.9 -1 3	
	2860 697140	5551820	1.3 -1.4	2861 698880	5550040	1.3 - 1.3	
test (vor also	2862 698890	5549920	2.0 -1.3	2901 747040	5569340	3.8 -1.4	
	2902 746860	5570190	4.2 -0.6	2903 746680	5570840	2.9 -1.9	
	2904 746480	5570920	4.0 - 0.8	2935 746290	5571160	3.6 -1.2	
	2906 746580	5571120	3.0 -1.8	2937 745950	5571510	3.3 -1.0	
	2908 745090	5571790	3.8 -1.0	2940 711190	5562090	3.0 0.2	
	2941 711980	5561930	2.3 -0.5	2942 710440	5559820	2.2 -0.5	
	2943 712510	5558790	2.2 -0.7	2944 712850	5553130	1.8 -1.1	
	2945 709060	226262	1.1-0.4	2946 709420	5563990	2.1 -0.2	

PRINIC GEOCHEMISTRY U RESIDUALS LIST PAGE 26

SAMPLE EAST NORTH U OR U RS SAMPLE EAST NORTH U OR U RS

	որ ուսուն է է ու
<u>1381 728180 5443723 -1.0 J.0</u>	$\frac{1682}{128120} \frac{128120}{5443250} \frac{5443250}{100} \frac{-100}{100} \frac{100}{100}$
$-\frac{1886}{729070}$ 5443660 -1.0 0.0	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
	1931 730890 5444170 -1.0 J.J
1905 731810 5443910 -1.0 0.0	1939 732740 5443520 -1.0 0.0
<u>1913 733680 5443270 -1.0 0.0</u>	1920 734259 5443110 -1.0 0.0
1924 735130 5442970 -1.0 0.0	1928 736050 5442800 -1.0 0.0
<u>1932 73707C 5442870 -1.0 0.0</u>	1936 732310 5442460 -1.0 0.0
1943 733490 5443040 -1.0 0.0) 1940 733490 5443040 -1.0 0.0
2001 719280 5506060 17.3 6.8	2002 719400 5505790 10,0 -0.5
2003 719410 5505540 14.5 4.0) 2004 719640 5505370 6.1 -4.4
2005 719740 5505140 10.6 0.1	2036 720010 5505000 7.7 -2.3
2007 720260 5504950 14.1 4.6	2008 720610 5504580 3.9 -0.6
2009 721000 5504480 11.8 2.3	2010 721230 5504500 13.2 3.7
2012 721550 5504840 13.7 4.2	2013 722570 5502260 7.8 0.4
2014 722740 5502800 18.4 9.6	2015 722400 5502950 6.8 -2.7
2016 722340 5503160 8.4 -1.1	. 2017 722480 5503420 9.6 0.1
2018 722230 5503750 12.2 2.1	2019 722080 5504280 8.3 -1.2
2020 722040 5504460 1.7 -7.8	2021 721910 5504640 40.7 31.2
2023 722650 5503280 2.1 -6.7	2024 723730 5502660 3.3 -5.5
2025 724780 5502250 2.0 -5.4	2026 725780 5501780 2.3 -3.6
2027 726070 5501640 7.1 1.2	2028 726400 5501650 8.0 2.1
2029 726830 5501410 2.3 -3.6	b 2030 728400 5500430 3.9 −1.7
2031 728430 5500120 4.2 -1.4	2032 729240 5500430 2.5 -3.1
2033 729610 5500450 2.9 -2.7	2034 730290 5500340 3.8 -3.6
2035 730900 5500330 8.1 0.7	2036 731650 5500280 5.0 -2.4
2037 732430 5499920 7.4 -0.1	2038 733130 5499810 9.9 1.6
^M 2039 733960 5498280 8.9 0.6	2041 727630 5497490 6.4 -1.4
2042 727340 5497530 3.3 -2.5	5 2043 727660 5498210 4.2 -1.7
2044 728100 5499370 3.3 -2.6	2045 728250 5499790 4.5 -1.4
2046 727580 550000 3.9 -1.0) 2047 726610 5500690 5.9 -0.0
2048 726290 5501020 5.4 -0.5	2049 723280 5495580 8.6 -0.0
2051 724020 5498200 7.3 -0.5	5 2052 724410 5493740 7.5 -0.3
2053 725010 5499393 8.9 3.1	2054 725310 5499930 5.6 -0.2
2055 725610 5500600 3.7 -2.2	2057 725990 5511300 2.8 -5.4
2058 725940 5511690 2.9 -5.3	2059 725620 5511960 4.3 -3.9
2060 726130 5512070 2.0 -6.2	2051 726240 5512320 1.8 -5.4
2062 726260 5511890 2.9 -5.3	2053 726210 5511250 3.3 -4.9
2064 726490 5514200 2.6 -4.2	2 2055 719490 5491680 6.2 -3.0
2066 719050 5492010 10.3 1.1	2057 719690 5492310 8.8 -0.4
2068 720140 5492630 17.8 3.4	+ 2059 719190 5492130 13.3 4.1
2070 719190 5492620 8.5 -0.9	2071 719720 5493120 7.7 -1.7
2072 719500 5493460 15.3 5.9	9 2073 720260 5493740 9 .1 -0 .3
2074 721260 5494110 10.0 0.5	2075 722400 5494960 5.6 -3.3
2075 723340 5495750 7.6 -1.0) 2077 724580 5498060 2.8 ~5.0
2078 725750 5498200 2.1 -3.1	<u>7 2079 726990 5497020 3.5 -3.8</u>
2080 726850 5498370 2.8 -3.0) 2081 721650 5494670 13.1 3.7
2082 725960 5510690 9.9 1.1	1 2083 725490 5510360 3.7 -4.5
2084 724970 5509990 8.6 -1.8	3 2085 724390 5509700126.0114.6
2086 723590 5509210 6.4 -5.0	2087 724370 5503840 13.4 2.0
2088 725120 5509190 19.0 9.1	2089 725800 5509690 17.0 7.1
2090 726200 5509960 16.2 6.3	3 2091 726520 5510140 10.7 2.5
2093 721710 5511040 33.0 22.3	3 2094 721970 5511640 16.7 6.0
2095 722230 5511983 17.8 7.1	L 2096 723440 5511580 11.1 0.9
2097 724270 5511370 12.4 2.2	2 2098 724990 5511460 11.4 1.2
2099 725450 5511100 12.9 4.7	7 2100 725960 5510940 42.7 34.5

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 ī.	PRINIC	GEOCHEMIS	STRY UR	ESIDUA	LS LIST	PAC	GE 27	
	SAMPLE EAST	NORTH	UCRURS	SAMPL	E EAST	NORTH	U CP.	URS
	2101 726170	5510960	3.8 -4.4	2102	726370	5512300	2.3	-5.9
	2103 730610	5512300	19.1 12.9	2135	732400	5500480	4+5	-2.9
	2100 732470	5502120	11.9 1J.D	2107	732100	5503040	12.0	25
	2100 73320	5503000	$21 \cdot 1 + 1 \cdot 2$	2111	7253.90	5514100	14 1	2•J 7 3
	2112 724170	5515030	24.0 16.9	2112	73.184.0	5511460	4.0	-2.2
	2114 731270	5510710	5.9 -0.3	2115	721620	5512000	20.3	9.6
	2117 723930	5512190	3.9 - 6.3	2118	724310	5511870	3.5	-6.7
	2119 725120	5511850	4.2 -4.0	2120	726640	5509920	8.6	-1.3
	2121 727460	5508910	4.3 -5.6	2122	728520	5508020	7.5	-0.7
	2123 729630	550 7070	8.9 0.3	2124	731340	5504850	96.6	87.8
	2125 730540	5506030	7.4 -1.2	2127	729870	5488490	7.1	-2.0
	2128 729470	5488610	9.6 0.5	2129	729050	5488610	6.0	-3.1
	2130 728620	5488330	8.0 -1.1	2131	730240	5488560	5.1	-3.0
	2132 720110	5509630	18.7 7.5	2133	719690	5509580	13.5	3.4
	2134 731990	5488800	6.0 -2.1	2135	733270	5489030	5.0	-1.4
	2136 733950	5489560	5.7 -1.7	2138	725570	5501330	6.4	0,5
	2139 724800	5501760	5.2 -2.2	2140	724030	5501890	23.8	16.4
	2141 723560	5502240	21.5.14.1	2142	723100	5502730	9.2	0.4
r.	2143 722600	5502890	3.7 -5.1	2144	122330	5503050	10.1	0.6
	2146 730940	5492420	5.3 ~3.5	$\frac{2147}{2170}$	731000	5492100	2.1	-6.1
•	2148 729310	5491550	9.4 -0.2	2149	721400	5491830	1.8	-1.0
	2150 731130	5491550	0.3 - 2.3	2151	731740	5490860	1 • 4	0.0
	2122 731720	5490010	12 2 3 2	2125	717770	5508410	1 • C	-0.4
	2157 730010	5487840	9.3 1.2	215.8	730770	5488370	5.4	-2.7
	2159 730860	5488650	7.3 -0.8	2150	720710	5504940	4.4	-5.1
	2161 732050	5509370	10.5 3.1	2152	729910	5489550	14.3	5.2
	2163 729990	5489210	8.1 -1.3	2154	730090	5488960	6.6	-1.5
-	2165 730290	5483710	11.7 3.6	2156	730610	5488620	5.8	-2.3
	2168 732470	551 0760	10.6 4.4	2159	719540	5508610	1.8	-8.3
•	2170 719370	5508330	2.8 -7.3	2171	719020	5508070	3.3	-6.8
	2172 719950	5505670	3.2 -7.3	2173	726320	5501890	2.6	-3,3
	2174 727510	5501160	3.3 -2.3	2175	731790	5513890	3.3	-2.1
	2176 722120	5517170	3.4 -3.8	2177	722380	5516750	45.7	39.5
	2178 730550	5513740	41.4 36.0	2179	732700	5512970	2.2	-3.3
	2181 723330	5523230	3.8 - 0.8	2182	723870	5522950	65.7	61.1
	2183 724520	5522600	18.3 13.7	2184	725470	5522480	5.6	1.2

2185 726320 5522150 4.2 -0.2 2186 726920 5521620 3.1 -1.3 2187 726970 5520920 2188 727330 5520410 5.3 0.9 2.9 -1.5 11.3 2190 726060 5529580 11.5 2189 725880 5528710 3.4 3.6 2192 727450 5520070 2.7 -1.0 2193 727610 5519620 2.6 - 1.52194 727910 5519030 2195 728180 5518440 2.9 - 1.23.3 -0.8 2196 728420 5517870 2.4 -1.7 2197 728640 5516760 7.6 2.7 2198 728780 5516400 4.3 -0.5 2199 729080 5516090 2200 715620 5510020 5.9 -2.4 2201 716450 5509490 2.5

2.4 -2.0

1.7 -3.2 4.4 -5.3 2204 731270 5509550 731300_5510120 2203 3.8 -2.4 -4.9 2205 731710 5509120 3.9 -3.5 2206 731700 5508750 41.9 34.5 2207 732220 5508330 3.3 -4.1 2208 732650 5508530 2.5 -4.7 2210 736670 5497050 735920 5497640 7.5 0.2 5.0 -1.5 2209 2212 737550 5495760 4.9 -1.4 2211 737130 5496380 6.6 -1.0 2214 720130 5519370 1.9 -2.8 2215 721650 5519600 4.1 -0.6 -2.2 723170 5520200 2.5 -2.3 2217 724200 5520230 2.3 2216 724920 5520380 2219 725780 5520460 2218 1.6 -2.9 1.9 -2.5 2220 726320 5520410 2221 726880 5520320 2.2 -2.2 PRINIC GEOCHEMISTRY U RESIDUALS LIST PAGE 28

SAMPLE EAST NORTH U OR U RS SAMPLE EAST NORTH U OR U RS

		70.70.00	~~ ~ ~ ~ ~ ~ ~ ~		• • • • • •	100770	5510440	·, ·,	2 0	
	2222	121300	5520300	2.1 - 1.1	2223	720770	5519460		-4.0	
1	2225	723980	551.7870	9.1 4.) 2226	724820	5517650	4+1	-1.0	
	2227	725410	5517283	3.6 -2.	3 2728	125780	5517140	_25.6_	14.1	·····
	2 2 2 9	726300	5516470	2.8 -3.1	2230	726460	5515640	3.6	-2.3	
	2 ? 3 1	72.64.80	5514600	4.2 -2.4	2232	725730	5524900	2.0	-2.9	
	2233	727 030	5524650	10.8 5.9	9 2234	727450	5524230	1.4	-3.5	
	2236	726810	<u>5513940</u>	7.2 0.4	<u>+ 2237</u>	727580	5514000	2.3	-3.4	
	2238	728070	5513350	3.9 -1.8	3 2239	723540	5512800	1.5	-4.2	
	2240	729130	5512290	2.0 -4.8	3 2241	729850	<u>5512450</u>	2.1	-4.7	
	224 2	730400	5512130	2.8 -3.4	4 2243	729910	5514570	1.9	-3.8	
	2244	728620	5515740	2.8 -2.1	1 2245	727600	5516160	5.2	0.3	
	2246	720440	5525170	12.8 8.9	5 2247	717960	5524240	1.9	-1.4	
	2248	717730	5524530	1.6 -1.7	7 2249	718110	5525110	1.7	-2.0	
1	2250	727160	5524020	2.5 -2.4	+ 2251	724330	5524590	2.7	-1.9	
;	2252	725960	552.41.00	2.6 -2.	<u>3 225</u> 3	728220	<u>5527260</u>	5.2	-0.2	
	2254	728480	5527260	11.7 6.3	3 2255	728280	5526710	5.9	0.5	
	2256	726270	<u>5530210</u>	13.1 2.9	2257	726600	5530160	20.2	10.0	
	2258	7120 90	5516350	24.8 14.	7 2259	713600	5516300	12.8	2.9	
4	2260	713810	5514970	13.6 4.2	2 2251	715280	5513690	3.2	-0.3	
, <u> </u>	2262	715120	5514160	6.8 -1.	7 2263	715020	5513920	5.2	-3.3	
	2264	715730	5514490	7.7 -0.8	3 2255	716230	5514790	23.1	14.6	
	2267	737760	5495000	11.5 5.2	2 2258	737730	5494330	4.2	-2.2	
	2269	738960	5493690	3.6 -2.8	3 2270	739660	5494550	5.1	-0.3	
••••••••••••••••••••••••••••••••••••••	2271	717000	5510480	6.5 -1.5	3 2272	716550	5509820	2.5	-7.2	
	2273	747610	5540010	1.1 -2.3	7 2274	747270	5539760	2.9	-1.3	
	2275	746900	5539440	2.9 -1.	3 2276	747170	5538920	3.8	-0.4	,
	2278	743950	5485820	3.2 -1.2	2 2279	743130	5485710	3.9	-0.5	
	2280	742370	5485410	4.4 -0.	1 2231	741880	5485100	6.2	1.7	
	2282	741440	5485190	3.6 -0.9	9 2283	728390	5526270	5.0	-0.4	
	2284	729050	5525383	4.5 -0.	2285	729830	5524910	4.9	0.4	
	2286	718760	5518470	2.6 -2.0	2287	719300	5518960	3.1	-1.5	
	2288	719500	5519350	2.2 -2.4	+ 2289	719240	5519760	2.4	-2.2	
	2290	747350	5538900	3.1 -1.1	L 2291	746080	5538580	6.4	2.2	
	2 2 9 2	747240	5538790	2.9 -1.	3 2294	723640	5529560	6.4	-0.5	
	2295	722590	5531070	5.9 -2.0	5 2296	724620	5529330	7.2	0.3	
	2297	727110	5527450	3.2 -2.5	5 2298	717550	5516750	2.9	-4.1	
	2799	718530	5518000	9.8 5.2	2 2300	719460	5512160	8.0	-1.1	
	2301	718560	5511430	2.4 -6.	7 2302	719430	5509920	5.3	-4.8	
	2303	736820	5481530	3.8 -3.0) 23)5	729070	5524600	2.2	-2.3	
	2306	729510	5524850	4.1 -0.4	4 2307	724110	5531410	11.7	3.2	
	2 308	723340	5530880	6.7 -1.5	3 2309	724040	5530020	6.6	-1.9	
	2310	718510	5513550	6.4 -2.	1 2311	718750	5513100	8.1	-0.4	
	2312	718030	5512440	5.9 -3.2	2 2313	717970	5511740	7.5	-1.6	
	2314	717550	5510970	6.6 -2.	5 2316	715510	5514550	17.3	8.8	
	2317	715930	5514150	3.2 -5.3	3 2318	715280	5513570	12.2	3.7	
	2319	714970	5513230	3.2 -6.2	2 2320	714900	5512980	6.1	-3.3	
	2321	714770	5512870	29.8 20.4	4 2322	715100	5512000	4.4	-3.9	
	2323	715480	5511000	3.9 -4.4	4 2324	737870	5492560	-1.0	0.0	
	2325	737270	5492160	6.4 -1.	4 2327	717100	5508900	4.1	-5.6	
	2 328	717860	5507820	4.8 -5.	3 2329	718410	5507220	9.3	-1.2	
	2330	718810	5506260	12.6 2.	1 2331	737210	5492620	3.5	-4.7	
	2332	740030	5493310	3.3 -1.	5 2333	740910	5493660	3.2	-1.6	
	2 3 3 4	738730	5523873	4.3 - 7.	4 2335	710240	5510610	8.3	-0.7	
	2336	710980	5510640	7.0 -2.0	0 2337	711950	5510620	9.2	0.2	
	2338	713110	<u>5510</u> 670	8.9 0.	<u>3 2339</u>	714140	5510690	4.3	-4.3	

ومصالحيا والاستميلة سيوير وتارة الجارات والمتارية والتراويوني

	PRINIC	GEOCHEMI	STRY URE	SIDUALS I	IST PA	SE 29	
•							
-	SAMPLE EAST	NORTH	UDRUPS	SAMPLE EA	ST NORTH	UORURS	
	andre mange and the theory of an and the second state of a spin of a second state of a second state of the seco		an a	an a		n n mag nang Pangan yang panggang panggan kan di pangan mang panggan panggan mang n	a an a sa s
	2340 714870	5510410	6.5 -2.1	2341 7154	70 5510150	9.4 1.1	
	2342 747140	554125)	5.0 1.)	2343 7467	70 5540940	8.1 4.1	
	2344 745670	5540610	6.9 2.9	2346 7439	60 5543470	2.9 -1.1	
	2347 742760	5543760	4.7 0.7	2348 7410	50 5543710	2.5 -1.1	
-	2349 745730	5543070	3.5 -1.1	2350 7452	70 5542650	2.7 -1.9	
	2351 736100	5486290	6.1 -0.5	2352 7368	80 5485260	5.1 -1.5	
-	2353 739110	5528780	$\frac{3.3 - 1.4}{0.3}$	2355 1381	10 5529480	4.0 -0.1	
.1	2358 703850	5510820	0.J U.O	2001 1090	40 5529130	$3 \cdot 2 = [\cdot 3]$,
	2360 746660	5540230	5.7 1.7	2351 7468	30 5539870	3.0 - 1.2	
	2362 734560	5489410	5.8 -1.6	2353 7351	80 5488790	-1.0 0.0	
	2364 735990	5488210	6.7 -0.3	2365 7360	90 5487280	-1.0 0.0	
	2367 748860	5537940	1.7 -2.1	2358 7485	80 5537290	7.4 3.7	
	2369 748380	5536770	3.6 -0.1	2370 7499	20 5536420	4.5 0.8	
	2371 736760	5482070	5.7 -1.1	2372 7368	40 5483020	8.5 1.6	
	2373 737120	5483590	5.1 -1.8	2374 7371	50 5484100	2.4 -4.5	
	2375 737350	5484250	6.1 - 0.8	2376 7441	80 5537930	6.9 2.7	
	2378 736890	5491570	41.2 39.4	2379 7363	90 5491010	10.1 2.3	
	2302 744200	5539310	$2 \cdot 4 - 1 \cdot 3$	2381 7440	40 5538890	3.5 -0.5	
ŕ	2384 744340	5534841	5718	2385 7443	10 5533260	3.0 - 0.9	
	2336 743550	5533290	3.0 - 0.9	2388 7408	30 5492020	5.2 0.7	
	2389 740300	5493440	2.2 -2.6	2390 7441	60 5535440	5.4 1.2	
	2391 744620	5535790	6.7 2.5	2392 7451	90 5536200	4.3 0.1	
	2393 744020	5535140	4.8 0.5	2394 7056	20 5515130	15.5 7.9	
	2395 705750	5515660	3.8 -3.8	2396 7060	50 5516210	4.6 -3.0	
	2397 706230	5516740	3.2 -4.4	2399 7335	80 5494880	12.5 3.0	
	2400 733080	5495190	15.6 6.5	2401 7325	50 5495410	8.0 -1.1	
	2402 731950	5496070	5.73.6	2433 7314	80 5496780	4.2 -5.1	······································
	2404 131560	5496020	35.5 21.2	2405 1321	50 5495500	17.8 8.5	
	2408 738690	5530643	$\frac{0+3}{3}$	2411 1304	10 5522260	0.1 0.9	
•	2408 730250	5527590	3.9 - 0.8	2410 1303	20 5527070	4 6 0 5	
	2413 700960	5511350	2.6 -9.5	2414 7012	30 5511920	4.5 -7.6	
	2415 740680	5485190	2.3 -2.2	2416 7401	40 5484830	4.1 -1.3	
Report of the	2417 739490	5484710	5.7 -0.1	2418 7391	50 5484580	4.3 -1.5	a de la companya de la constantina de la companya d
	2419 738590	5484420	4.9 -0.9	2421 7379	50 5484350	3.2 -2.6	
	2422 743830	5536760	2.5 -1.7	2423 7435	70 5536170	2.3 -1.9	
-	2424 742120	5537190	3.6 -0.6	2425 7428	00 5536800	3.1 -1.1	
	2426 728350	5500770	4.3 -1.3	2427 7295	90 5501100	4.6 -1.0	
10-0-00	2428 130260	5500760	9.0 1.6	2429 7314	50 5500820	5.0 -2.4	
	2430 133480	5533600	$18 \cdot 1 10 \cdot 4$	2432 1439	80 5736920	5.5 1.5	
	2435 739410	5460730	3.4 - 0.5	2434 7394	60 5461210	37 - 03	
	2437 739360	5531510	2.8 -2.4	2438 7412	50 5527780	3.8 -0.0	
	2439 705600	5513610	3.8 -5.2	2440 7057	40 5514180	3.8 -5.2	
-	2441 705290	5511810	3.4 - 5.7	2443 7442	10 5534060	2.8 -1.1	
	2444 744650	5532950	2.8 -1.1	2445 7449	80 5531980	3.0 -0.5	The second se
	2446 745020	5531260	2.9 -0.3	2447 7449	10 5530790	3.5 0.0	
	2448 743280	5536360	3.4 -0.8	2449 7029	70 5513440	28.6 19.0	
	2450 703570	5513120	6.0 -3.5	2451 7034	80 5512980	37.2 27.6	
	2452 /03920	5512190	5.2 -5.2	2454 7056	90 551344J	15.0 5.0	
	2457 707270	5512210	$\frac{5 \cdot 7 - 5 \cdot 1}{10 \cdot 3}$	2438 7084	50 5513480	14 6 5 1	
	2459 709280	5512980	12.9 3.4	2450 7304	50 5466450	2.7 - 1.9	
	2127 107200		Les Jet	2730 1303	10 1100410	<u>201 100</u>	

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	PRINIC	GEOCHEMIS	STRY URE	SIDUALS LIST	PAG	E 30	
	SAMPLE EAS	T NORTH	UCRURS	SAMPLE EAST	NUKTH	U UK U KS	
				and a support of the	ay ayayan ayaa ayaa ahaa ahaa ahaa ahaa	المحمد ماند محمد من مهوم من مقابلة معينات ومرق المهون	
	2141 72072	0 5444510	2 2 - 2 3	2462 738880	5467443	2.5 - 2.0	
	2461 13613	0 5463051	3.3 -1.7	2455 705410	5511490	8.7 -1.4	
1	2466 74569) 5467960	6.8 0.8	2457 745900	5468260	12.4 6.4	
	2468 74640	0 5467990	3.2 -2.8	2459 747350	5466660	7.2 2.6	
	2470 70431	5511800	7.9 -3.5	2471 704670	5511420	7.3 -4.1	
	2472 742420	0 5468140	4.1 -1.5	2473 742900	5467220	2.8 -1.4	
	2474 74320	0 5466970	3.3 -0.9 _	2476 701460	5512650	10.2 -0.4	
	2477 70166	0 5513140	12.4 1.8	2478 701570	5512140	15.5 3.4	
	2479 70078	0 5510540	15.3 3.2	2430 743570	5473170	23.0 15.1	
	2481 74354	0 5472460	40.6 32.9	2482 743840	5471760	9.5 1.8	
	2483 74448	0 5471280	6.0 -1.7	2484 744230	5470710	17.4 9.1	میں استان ور میں بر چیک دروار ہوتے
	2485 74489	0 5470630	10.1 2.4	2487 705240	5513070	5.4 - 5.5	
	2488 70542	0 5513070	6.1 - 2.9	2489 705630	5513700	3.8 - 5.2	
K	2490 705600	J 55143/J	4.2 -4.8	2491 705700	5514090	2 0 -8 1	
	2492 705230	0.5510430	<u> </u>	2495 707290	5510600	7.5 -2.6	
	2494 10002	0 5510630	4.4 -J.1	2493 707290	5464820	3.3 -0.7	
<u> </u>	2493 74776	<u> </u>	4.8 0.0	2500 735510	5499420	2.3 -5.0	
ŧ	2501 73291	0 55 07 600	2.6 -4.6	2512 733280	5506920	10.1 0.8	
;	2503 73388	0 5506820	7.2 -2.1	2504 734610	5506570	4.3 -5.0	
•	2505 73575	0 5505350	135.0126.5	2506 739330	5503390	2.6 -4.6	
	2507 73876	0 5504380	3.1 -4.1	250 8- 738220	5505330	2.5 -4.6	
	2509 73688	0 5507640	4.7 -2.7	2510 734570	5510320	2.3 - 3.9	
	2512 73277	0 5513640	2.0 -3.5	2513 739960	5476390	4.2 -1.5	
	2514 74048	0 5476340	5.5 -1.1	2515 740270	5475480	<u>3.8</u> 2. <u>8</u>	
•	2516 74063	0 5474720	3.3 -3.6	2517 744210	5478980	3.4 -3.1	
<i>4</i>	2518 74175	0 5479880	9.7 3.0	2519 741690	5480530	$\frac{10.5}{2}$ 4.0	
	2520 74202	0 5481400	4.1 -2.4	2521 742590	5481990	3+1 = 2+4	
	2523 14504	0.5468530	3.2 - 0.8	2524 141200	5461230	$\frac{3 \cdot 5}{3 \cdot 1} = 0.9$	
	2020 (4709)	0 5462310	4 0 0 0	2528 745260	5463760	3.1 - 0.9	
	2529 74647	0 5463990	2.1 -1.5	2530 744800	5464320	3.1 - 0.5	
	2531 73636	0 5497470	2.1 -5.5	2532 737250	5497650	2.1 -5.2	
	2534 74337	0 5466640	3.0 -1.2	2535 743340	5466370	2.6 -1.5	
	2536 74374	0 5465910	3.5 -0.7	2537 744620	5465330	3.0 -1.2	
	2538 74490	0 5464610	3.1 -0.5	2539 739050	5479340	6.0 -0.2	
	2540 73800	0 5478350	4.0 -2.2	2541 737700	5478150	5.1 -1.1	
3	2542 73833	0 5478080	4.0 -2.2	2543 738590	5477630	2.3 -3.9	
	2545 73908	0 5467740	11.0 6.0	2546 739760	5467580	2.2 - 2.8	
	2547 74014	0 5467360	20.0 15.7	2548 740640	5467560	3.7 -1.9	
	2549 74142	05467700	3.4 -2.2	2550 742010	5467650	$\frac{7 \cdot 1 - 7 \cdot 3}{3 \cdot 3 - 1 \cdot 1}$	
		U 546705J	$1 \cdot 7 - 2 \cdot 6$	2552 142540	5467550	5 2 -0.9	
	2556 74140	0 5469733	3 2 - 2 4	2557 741930	5463380	4.6 -1.0	
	2558 74210	0 5469233	10.6 5.0	2559 742940	5469770	10.5 4.5	
	2560 74334	0 5469420	3.1 -2.8	2561 743900	5469350	2.9 -3.0	
	2562 74461	0 5469350	3.6 -2.3	2553 737530	5467740	3.5 -1.5	
	2564 73791	0 5468170	3.5 -1.5	2555 712680	5525730	1.7 -1.2	
	2567 73977	0 5461620	2,5 -1.5	2558 739550	5462490	2.5 -1.5	
-	2569 73802	0 5462000	3.6 -0.4	2570 738720	5462620	4.1 0.3	
<u></u>	2571 73958	0 5463510	2.5 -1.3	2572 739460	5464480	2.4 -1.4	
	2573 73923	0 5465060	2.7 -1.8	2574 739160	5465470	4.1 -0.4	
	2575 73903	0 5465990	3.6 -0.9	2576 737480	5467250	<u>5.7 1.6</u>	
	2578 74835	0 5463183	5.8 1.0	2579 741920	5495470	$4 \cdot 2 - 1 \cdot 2$	
	2580 74246	0 5494680	1.9 -2.9	2081 142000	2442480	5.2 -0.9	

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SAMP1 2582 2584 2586	E EAST	NURTĤ	UNRURS	CANOL 7 5	· · · · · · · · · · · · · · · · · · ·			~ · · ·	
2582 2584 2586				SAMPLE E	AST	NORTH	UCR	URS	
2584 2586	742860	5493690	3.8 -0.3	2583 743	400	5493080	2.3	-1.8	
2586	743600	5492580	3.3 -0.8	2535 743	830	5492330	2.8	-1.1	
1600	744230	5491710	2.7 -1.2	2587 744	420	5491290	2.4	-1.5	
2 284	737580	5475980	6.4 0.7	2590 738	160	5476700	4.8	-0.9	
2591	738580	5476500	3.1 -2.6	2592 739	270	5476630	3.1	-2.0	
2593	703780	5524240	1.9 -1.5	2594 704	150	2223800 5523470	2.0	-0.7	
2595	703860	5523210	3.8 J.3	2596 105	920	5523470	3 0	-0.5	<u></u>
2 2 9 1	711520	5520180	2.57 - 2.1	2230 103	190	5497520	4.1	-2.2	
2602	739030	5497320	7.0 0.7	2603 739	450	5498020	8.5	2.2	
2602	739770	5497770	5.3 -1.0	2605 739	900	5496780	4.5	-1.8	
2 6 0 6	740620	5496150	28.3 22.6	2607 711	650	5521240	2.8	-2.0	an a
2608	712150	552 0873	4.0 -0.8	2609 712	210	5520470	2.6	-2.2	
2611	738800	5477030	9.3 3.5	2612 739	550	5477000	6.7	1.0	
2613	739770	5476550	6.9 1.2	2614 706	350	5520610	12.5	8.1	
2615	706660	5520530	2.8 -1.6	2616 741	.050	5474200	6.8	~0.1	
2617	741550	5473820	5.7 -1.2	2618 742	470	5474180	6.6	-0.3	ء مىيە 199 9-يىلىمىيەت بىلەر 199-يەر 1990-يىلەر
2619	742800	5474440	9.1 1.2	2620 743	420	5474640	10.8	2.9	
2622	740830	5478400	6.9 0.2	2623 742	320	5476800	1+5	_ <u>0.9</u> _	
2624	740520	5477830	8.7 2.0	2625 740	240	5477090	0•3 2 0	-0.4	
2625	720220	54 (8530	5.5 -0.1	2621 138	120	5475800	<u> </u>	-0.0	
2020	720060	5476370	0.3 2.1	2023 123	100	5473210	4 0	-2.9	
2630	710600	5519690	8002	2634 710	1500	5510430	9.8	2.0	¥
2033	709760	5519270	16.9 10.1	2634 719	1310	5518940	20.2	13.4	
2637	708970	5518970	4.5 -7.3	2638 744	440	5490660	4.9	1.0	
2639	744300	5490280	6.2 2.3	2640 709	620	5524640	3.9	0.7	
2641	709430	5524280	4.6 1.4	2642 709	540	5524220	3.4	0.2	
2643	710150	5523370	3.3.0.1	2644 742	2590	5482400	5.7	-0.1	
2645	743280	5482190	7.9 1.8	2646 744	330	5482140	9.1	3.0	
2647	701230	5521870	8.6 4.0	2648 699	970	5521820	4.0	<u>-1.7</u>	
2649	699860	5520330	4.5 -1.2	2650 699	9050	5525840	7.4	1.6	
2651	699230	5524620	5.2 -0.8	2652 699	9820	5523480	4.7	-1.3	
2654	701890	5523380	3.0 -1.5	2655 702	2060	5522680	3.0	-1.5	
2656	702370	5522150	3.3 -1.3	2657 702	790	5522160	<u> </u>	3.0	
2658	740850	5475300	4.8 -1.8	2659 712	2590	5525930	2+1	-0.2	
2660	712/50	5525983	$\frac{2 \cdot 1 - 0 \cdot 6}{5 7 2 \cdot 2}$	2051 (13	220	5525410	4.0	$\frac{1 \cdot I}{0 \cdot 7}$	
2002	716100	5525560	$2 \cdot 7 - 2 \cdot 0$ 2 · 5 - 1 4	2655 714	520	5524770	1.7	-1.5	
2664	714030	5524110	1.8 - 1.4	2657 715	5400	5523850	1.7	-1.4	
2 668	687310	5521740	4_0 1.7	2670 703	3790	5522440	2.0	-2.4	
2671	704260	5521260	2.4 -2.0	2672 704	1380	5520630	2.2	-2.2	
2673	715690	5502440	4.5 -5.4	2674 715	5990	5502690	8.9	-2.2	
2675	716360	5503040	20.8 9.7	2676 716	6830	5502790	15.0	3.9	
2677	718120	5502940	13.7 3.6	2678 718	3630	55 02530	32.4	22.3	
2679	719240	5503010	6.0 -4.1	2681 710)580	5522850	Z.3	-0.9	
2682	710360	5522900	3.2 0.0	2683 710	0880	5521940	2.2	-2.6	
2684	710830	5521590	1.8 -3.0	2585 699	9690	5507500	119.01	06.0	
2 686	699690	5508250	141.0128.0	2687 699	1240	<u>5509030</u>	18.9	65.9	
2688	698620	5509130	31.0 18.0	2689 697	1900	5509380	14.7	1.1	
2690	101240	5520220	14.1 2.5	2692 691	1000	5522800	12:0	2 2	
2693	701750	5520930	1.2 -4.2	2034 (VI 2606 702	2000	5520110	1+1	2.0	
<u> </u>	703870	5520210	4.2 -0.2	2698 704	4390	5520290	2.7	-0_7	
2690	704990	5519320	4.0 -1.4	2710 706	5190	5519890	29.1	23.2	

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PRINIC GEOCHEMISTRY U RESIDUALS LIST PAGE 32

SAMPLE EAST NORTH U OR U RS SAMPLE EAST NORTH U OP U RS

2701 730340 5524670 5.2 0.0	2703 702740 5521100 3.8 -0.6
2704 702580 552 0760 6.7 2.3	3 2705 702980 5520360 6.0 1.5
2706 730660 5524450 4.1 -0.2	2 2707 731000 5524640 3.0 -1.3
2708 731000 5524060 3.9 -0.4	4 2709 732120 5523390 3.7 -0.6
2710 732720 5523310 8.9 4.6	<u>6 2711 733370 5523270 5.1 0.8</u>
2712 733600 5523210 4.3 0.0	0 2714 706480 5520370 1.8 -2.6
2715 707300 5520450 3.1 -1.3	3 2716 708000 5520530 7.1 2.4
2717 709040 5521370 2.3 -2.4	4 2718 711240 5521800 1.9 -2.9
2719 711450 5521303 1.5 -3.	3 2720 712650 5521510 2.1 -2.3
2721 712810 5521850 1.9 -2.9	5 2722 714720 5523350 16.8 13.6
2723 711750 5521100 1.8 -3.0	0 2725 708780 5518650 8.3 1.5
2726 708100 5518570 5.8 -1.0	0 2727 707350 5518310 6.7 0.8
2728 706820 5517830 4.4 -1.5	5 2729 735210 5534070 18.8 11.8
2730 735940 5533390 9.0 2.0	0 2731 736630 5532090 3.7 -2.3
2732 736940 5531350 5.4 -0.0	6 2733 737070 5530450 17.2 11.2
2735 702770 5506170 19.5 5.	7 2736 703140 5506640 14.7 0.9
2737 703450 5507170 18.3 4.5	5 2738 703870 5507620 24.8 11.6
2739 704400 5507550 13.8 0.0	6 2740 704070 5508320 16.1 2.9
2741 704130 550 9150 22.4 9.2	2 2742 703840 5509970 52.5 39.3
2743 703560 5510470 41.4 30.0	0 2744 694090 5510520 14.8 8.1
2746 710250 5521820 1.6 -3.2	2 2747 733660 5522760 3.1 -1.2
2748 734120 5522660 5.6 1.	3 2749 733590 5523670 4.9 0.6
2750 733750 5524390 3.4 -0.9	9 2751 734230 5524150 3.6 -0.7
2752 734090 5524850 3.1 -1.2	2 2753 733840 5525220 3.3 -1.0
2755 706280 5507370 9.8 -1.5	5 2756 734480 5525130 3.0 -1.3
- 2757 729510 5534300 1.9 -8.4	4 2758 730470 5534600 2.5 -5.3
2759 731460 5534950 6.7 -1.	1 2750 731870 5535490 2.3 -5.2
2761 732250 5535750 4.9 -2.0	6 2762 733300 5535610 10.5 3.7
2763 733400 5535300 4.6 -2.2	2 2764 733960 5535160 29.4 22.6
2765 734430 5534450 6.4 -0.4	9 2757 734400 5521930 4.4 0.2
2768 735800 5521620 4.1 0.1	1 2769 736200 5521000 3.8 -0.2
2770 687580 5521440 1.6 -2.	1 2771 687310 5520950 1.5 -0.8
2772 688480 5520850 1.4 -2.	3 2773 688920 5520370 2.8 -0.9
2774 689270 5520140 6.6 2.9	9 2775 690340 5519530 1.6 -3.8
2775 688010 5521120 0.8 -2.9	9 - 2778 - 698030 - 5510820 - 4.2 - 7.0
2779 697030 5510320 4.8 -4.2	2 2780 695870 5505350 13.9 0.4
2781 696270 5506460 15.7 2.2	2 - 2782 - 696210 - 5507160 - 9.2 - 4.3
· 2783 696020 5507830 3.0 -7.	3 2784 696230 5508610 5.0 -5.3
2785 607950 5509760 8.2 -4.4	$8 - 2786 - 698980 - 5510390 - 9 \cdot 1 - 2 \cdot 1$
2787 699150 5510660 2.3 -3.9	9 2789 690750 5518820 $2 \cdot 1 - 3 \cdot 3$
2790 691450 5519050 4.7 -0.1	7 - 2791 - 698030 - 5510560 - 2.6 - 8.6
2792 701980 5504210 19 6 4 3	3 2793 701440 5504590 12.2 -3.1
	7 2795 700890 5504990 12.7 -2.6
	3 2797 700190 5504960 11.1 - 4.2
	9 - 2800 + 699550 + 5506150 + 2.3 - 3.1
	$\frac{2}{2} = \frac{2}{2} = \frac{2}$
	$0 - 28^{4}4 + 60^{2}070 + 5506180 + 53.8 + 38.4$
	2 2806 696530 5505750 24 4 10 9
2807 706890 5506010 13 5 2 1	2 2808 704970 5506560 19.4 8.1
	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
- 2009 100190 JJ01200 0+2 "D+0 - 2012 702520 553/240 7 0 5 "	7 2812 703050 5507050 1+0 0+0 7 2812 703050 5507220 27 1 22 6
	<u>- 2013 102730 2004-00 37+1 63+0</u> 3 2815 702160 5506200 17 6 2 3
2916 702200 5502802 41 4 24 ¹	1 - 2817 - 702430 - 5502520 - 13 - 4 - 1 - 0
	$\frac{1}{1} = 2816 - 702310 - 5507660 - 13 - 7 - 1 - 6$
2010 102120 5500100 0 7 5 1 2020 702440 5500100 0 7 5 1	1 2017 FV231V JJV273V 13+7 -1+3 2 3033 700000 6603200 1c 6 4 4
2020 102400 2202100 9.1 -2.2	5 2622 100000 550500 15+3 4+4

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-	PRINIC	GEOCHEMIS	STRY URI	ESIDUALS LIST	PAG	E 33	
							c
	SAMPLE EAST	NORTH	U OK U RS	SAMPLE EAST	NUKTH	UDRUR	2
	▞▙ ▆ <mark>ᡶᡣᡍᡛᡙ᠇ᡰᢍᡪ᠘᠆ᡱᡇ</mark> ᠆᠋ᠯᢍ᠁᠃᠅᠅ᡁᡘᡁᡇ᠈ᡢ᠋ᢩ᠈ᡤᠴ᠁ᡬ᠁ᡬᢝ᠇ᢩᠨᡟ᠆ᡱ		er o new besterdigende de Britten - opwisken op de forgen en orden som	and a second			
	2823 707660	5503920	10.9 -0.2	2824 706980	5504180	8.0 -3.6	
	2825 705980	5504620	7.3 -4.3	2826 705030	5504850	6.0 -5.5	
	2827 703740	5504940	15.6 2.1	2828 702820	5505110	24.2 10.4	
	2829 702210	55 0 56 60	19.9 4.4	2830 700300	5505520	8.4 -7.1	
	2831 725960	5502520	4.5 -3.1	2833 715410	5502120	8.4 -1.5	
	2834 714650	5502360	12.9 1.3	2835 715460	5502840	15.3 4.2	
_	2836 715690	5503190	10.8 - 7.3	2837 715930	5503550	3.6 -7.5	
7	2838 716170	5503620	4.3 -6.8	2839 716360	5503610	8.9 -2.2	
	2340 716430	550 3910	13.3 2.2	2841 715880	5504700	11.4 0.3	
	2842 715930	5504830	22.8 11.7	2844 715970	5509450	2.4 -7.3	
	2845 715610	5509130	1.9 -7.8	2846 714770	5508370	16.9 (.3	a and the first state of the st
	2847 714740	5507800	10.5 0.9	2849 716010	5507480	61.3 50.0	
	2850 716600	55076001	191.0181.3	2851 717200	5501570	12.5 00.9	
	2852 (11550	5507980	5 3 4 3		5503580	$12 \cdot j$ $1 \cdot 2$ $13 \cdot 5$ $1 \cdot 0$	
	2004 70/110	5503200	$3 \cdot 3 - 5 \cdot 3$	2857 706070	5504030	50 - 56	
	2859 716850	5505000	13.6 2.3	2850 716940	5504530	8.6 -2.5	
	2861 718380	5505020	13.1 2.6	2852 718570	5505500	11.0 0.5	ayan gama dahat yang mendukan sebilih 14 mili na sarang sa sara 1994
	2863 717650	5504850	11.6 1.5	2854 694160	5512120	8.9 2.2	
	2865 691270	5516490	4.7 -0.1	2866 690830	5516740	6.7 1.9	
3	2867 689850	5516390	5.4 2.1	2868 692190	5515790	7.0 2.2	
	2870 726700	5502320	1.4 -4.5	2871 726730	5502990	5.8 -1.8	
	2872 726650	5503700	7.4 -0.2	2873 126910	5504260	11.3 3.7	an mengemengkanagan ata ana kangkanaga arawat an darawat ingerarak samatan dara
	2874 725990	5504780	4.0 -3.6	2875 725800	5503020	2.4 -5.2	
	2876 719300	5499300	4.2 -3.9	2877 719850	5499400	5.4 -2.7	
	2878 720300	5499500	7.9 -0.7	2879 719930	5497300	5.2 -3.3	•
	2881 706920	5507970	7.1 -4.3	2882 707180	5508500	21.5 10.4	· · · · · · · · · · · · · · · · · · ·
	2883 707960	5509040	10.7 1.2	2834 708290	5509830	9.7 0.2	
·	2885 727610	5492320	10.8 1.2	2886 (26590	5492820	12.2 3.3	an an ann an A
	288/ 725480	5493130	11.5 2.6	2888 724900	5492000	- 2,3 -3,0 - 6 2 - 3 0	
	2889 124320	5492215	$\frac{6.8}{7}$	2894 719950	5491400	78 - 14	
	2091 723700	5506000	1 • 1 - 2 • 1 5 5 - 4 5	2034 119950	5506020	7.1 - 3 0	
	2990 709100	5506510	$-\frac{1}{7}$, $\frac{1}{5}$, $-\frac{1}{7}$, $\frac{1}{5}$	2899 709050	5506660	7.1 -3.0	
	2900 708920	5507100	5.3 -4.8	2901 708830	5507740	4.7 -4.9	
-	2902 708520	5508360	6.9 -2.6	2903 708340	5509260	6.9 -2.6	
	2904 708280	5510180	8.1 -1.2	2905 708450	5510900	7.1 -2.2	
	2907 705880	5504080	6.9 -4.7	2908 705310	5503910	10.7 -0.9	
_	2909 704860	5504073	8.7 -4.8	2910 704980	5503920	10.4 -3.1	
_	2911 704170	5503830	9.3 -4.2	2912 704040	5503640	15.1 1.6	,
	2913 722880	5508550	14.2 2.8	2014 722300	5507940	94.6 83.4	
	2915 722470	5507060	49.9 39.2	2916 722850	5506310	43.4 32.5	
	2918 724450	5507380	63.6 52.7	2919 724560	5506830	11.9 1.0	
,	2920 724110	5506420	11.8 0.9	2921 723410	5506070	36.0 25.1	
	2922 723220	5505710	56.1 45.2	2923 721570	5506360	3.3 -1.4	
	2924 721210	5505850 5403910	12 5 7 4	2925 120100	5000190	Z.O "8.1 7 E _1 4	
	2920 120190	5506150	$\frac{13 \cdot 2}{6} + \frac{13 \cdot 2}{2}$	2030 720780	<u>5409170</u>	$11 \ A \ 2 \ C$	· · · · · · · · · · · · · · · · · · ·
	2929 110010	54 9 2 2 5 1	9,1 75	2730 120100	5498450	5.0 -3 4	,
	2933 720000	5499030	<u></u>	2934 721370	5499250	10.5 1.9	}
	2935 721300	5499350	5.7 -2.9	2936 721630	5499420	26.6 18-0)
	2937 722430	5500030	6.0 -1.9	2938 723370	5500320	6.0 -1.4	·
	2940 722590	5505080	11.6 0.7	2941 722090	54973501	69.0159.8	}
	2942 722500	5497720	70.4 62.6	2943 722580	5498550	10.7 2.9)
	2944 724810	5500500	2.3 -5.1	2945 727370	5492830	8.6 -0.3	

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	Ч	RINIC	GEUCHEMIS	SIRY .	URE	:2100	ALS LISE	P 53	JE 34		
	S AMP L	E EAST	NORTH	UOR	บรร	SAMPL	E EAST	NORTH	UC	RU₹S	
	2946	727850	54 92 190	13.9	4.3	2947	728200	5493350	2.4	-6.9	
·,	2948	728470	5491650	8.1	-1.5	2949	728450	5490800	9.8	0.2	
۸ 	2951	727850	5490450	16.8	7.2	2952	727830	_54 90680	46.1	36.5	
	2953	731090	5494250	29.3	19.6	2954	729150	5496980	12.7	4.9	
	2955	716350	5500820	<u> </u>	-3.5	2956	716400	<u>5499970</u>	<u> 4 3</u>	-4.7	
	2957	716790	5500980	15.0	5.1	2958	717260	5501100	5.1	-4.8	
	2959	$\frac{717870}{710010}$	5501550	<u> </u>	-1.1	2950	718270	5501390	4.5	-4.5	
	2961	719010	5501550	1.1	-1+1 16 7	2752	719230	5501200	5.8 5.4	- 3 • 2	
.	2965	712100	5527850	2 0	<u>-0 4</u>	2 75 7	720060	5501200	3 2	-5.2	
	2968	720100	5501260	5.1	-3.4	2050	720850	5501410	4.3	-4-2	
	2970	721480	5501810	1.8	-6.7	2971	721920	5501760	5.7	-2.8	ar ar - a shi barigitig ya ani muya daraya
	2972	722710	5502470	7.0	-0.4	2973	717200	5496120	5.9	-3.6	
	2974	717090	5496150	7.5	-2.0	2975	717350	5496610	5.0	-4.5	
	2976	717540	5496550	10.4	1.9	2978	710280	5534190	2.4	0.2	
	2979	710200	5533820	2.0	-0.2	2980	710990	5529060	2.9	0.5	
	2981	711070	5528070	1.5	-0.9	2982	711730	5528570	8.7	6.3	
	2983	712180	5529620~	1.9	-0.5	2.98.4	712930	5529580	2.6	-0.3	
	2985	711590	5530820	0.5	-1.8	2986	711700	5532580	2.7	0.5	
	2987	712200	5533140	1.4	-0+8	2988	720100	5496030	4.9	-4.3	
	2990	718490	5495750	9.1	0.6	2991	718150	5496350	11-2	2.7	
	299Z	717910	5497040	8.3	-0.2	2993	717760	5497200	5.6	-2.9	
	2994	718520	5497670	1.9	<u>), Z</u>	2995	/18350	5497860	<u></u>	-0.6	
	2996	710880	549826J	9+8		2977	710760	5498770	1.8	-0.3	
	2990	710010	5535743	1 7	-0.5	2999	700010	5535300	1 7	-0.1	
•	3001	709740	5534460	2.2	0.4	3002	709910	5533270	1.1	-0.2	
	3005	708470	5532550	2.3	<u></u>	3026	724120	5500580	5.3	-2.1	
	3007	724630	5500820	6.2	-1.2	3008	708750	5532430	1.6	-0.3	
	3009	708520	5531640	1.6	-0.3	3010	712940	5506190	15.2	3.5	
	3011	713500	5506000	20.5	8.8	3013	709790	5533610	1.4	-0.4	
	3014	709740	5532910	1.5	-0.3	3015	710060	5532050	2.2	-0.1	
	3016	710310	5532010	2.1	-0.2	3017	713050	5504780	29.8	17.7	
	3018	713080	5504540	43.4	31.3	3019	713080	5504320	15.6	3.5	
	3020	713170	5504100	16.4	4.3	302.1	713200	5503900	6.7	-5.4	
	3022	713650	5504370	9.4	-2.7	3023	714190	5504400	13.1	1.0	
	3025	713060	5504960	38.5	26.4	3026	714450	5504190	10.7	-1.4	
	3027	715030	5504140	9.4	-1+1 -7-1	3028	715030	5504350	11.2	9.∎I	
	2029	715610	5506600	2.0	<u>-1 7</u>	2020	603020	5511090	54	-1.2	
	2021	603810	5511600	7.5	-2.2	3036	692920	5511100	5.6	-1·1	
16. at m.	3036	711190	5536040	2.7	0.5	3037	711250	5535670	1.5	-() 7	Managina ani 19 49 - 19 - 19 - 19 - 19
	3038	711650	5535810	1.9	-0.3	3039	712210	5535980	2.0	-0.2	
	3040	712560	5535860	2.7	-0.2	3041	712510	5536440	1.3	-1.6	
	3042	712400	5537030	1.8	-0.4	3043	693310	5511130	3.3	-3.4	
	3044	693600	5510620	2.5	-4.2	3045	693220	5510370	3.1	-3.6	
	3047	712190	5527990	1.1	-1.3	3048	712860	5523090	3.5	0.5	and an and a state of the state
	3 0 4 9	713480	5527950	2.3	-0.5	3050	713860	5527970	3.5	0.6	
	3051	714040	5527520	1.8	-1.1	305.2	715130	5527500	1.3	-2.5	
	3053	715800	5527710	1.3	-2.5	3 05 4	715890	5527300	2.2	-0.9	
	3055	/16230	5527673	2.7	-1.1	3056	116760	5525940	2.6	-0.5	
	3058	710340	>>2451J	2.2	-9.2	3059	109820	5529610	1.4	-0.1	
	3067	700070	5520790	1 0	<u>-U.4</u> -J.1	2067	109300	5521000	1.5	-0.4	
	3062	708530	5521721	1•0 7 4	0 5	3033	708550	5531940	1 /	-0.5	
	2004	00000	001200	<u> </u>	/ • /	رورر	100/30	7771040	<u> </u>		

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PRINIC GENCHEMISTRY. U RESIDUALS LIST PAGE 35

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SAMPLE EAST NORTH U OR U RS SAMPLE EAST NORTH U OR U RS

للحار بالاعام مروور فترجا بالاران المتعلي بتصرف فتقاد المال فاستصبهم ورواق ستعدد وارا

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	3065	708700	5532100	2.1	0.2	3057	711380	5506290	7.3	-3.5	
	2002	717190	5526241	1.8	~1.3	304.9	717710	5525890	1.6	-2.1	
	3070	710040	55750210	2 1	-0.6	3071	717700	5525310	1 6	~21	
	2077	110040	5500500	2.1	1 · · ·	2072	402((0	5520100		_1 6	
	3012	092000	5509590	2.44	~4+4	2012	092400	5507130	2.0	-1.0	
	3074	692560	22(1980)	4+1	-2.9	2012	092213	<u> </u>			المحادثين المستوعية والمحاديقين والهوسوي والمروي والمرو
	3076	692200	5507190	3.2	~6.1	3011	692210	5506010	3.5	··· ว •8	
-	3079	712630	5535430	2.1	0.8	<u>3080</u>	712540	5536120	2•5.	. <u>-0+4</u>	
•	3081	712380	5536670	2.2	0.0	3082	712610	5537310	2.3	-0.6	
	3083	713260	553731)	1.9	-1.0	3034	713150	5538050	1.4	-1.3	
-	3085	711300	5505930	8.5	-2.3	3086	711740	5506470	7.3	-3.5	
	3087	711940	5507020	6.6	-4.2	3088	712250	5507610	12.4	3.0	
-	3090	713860	5505550	22.8	11.1	3091	714480	5505350	22.3	10.5	
	3092	714870	5505240	11.1	-0.6	3093	715030	5505550	9.5	-1.8	
	2002	715/00	5505530	<u> </u>	-14	3005	7153.00	5505560	29.1	17.8	
	2004	712000	5522070	7.7	1 • T	2007	706760	5522260	2 7 1	03	
	3090	705250	2222010	1.7	<u>~~?,)</u>	2021	705760	5535330	1 7	0+3	
	3098	106340	5533653	1	-0.1	2033	705870	5534270	1.4.7	- 9 • 1	
· -	3101	712640	5508100	1.2	-2.4	3102	/13010	5508580	6.0	-3.6	9 p. 1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.
	3103	713180	5509300	6.4	~3+2	3104	712780	5509360	11.6	2.40	
_	3105	713580	<u>5509940</u>	9.0	-0.6	3106	713900	5510550	10.0	1.4	
	3107	705700	5535050	1.7	~0.0	3108	706190	5535460	2.1	0.4	
	3109	706170	5535970	1.2	-0.5	3110	706310	5536330	1.2	-0.5	
	3112	709500	5536300	1.1	-0.7	3113	708980	5536720	1.3	-0.5	
	3114	708610	5536840	1.4	-0.4	3115	708590	5536450	1.2	-0.6	
. •	3116	707920	5536160	1.3	-0.0	3117	707450	5525660	1.2	-0.5	n an
	2110	707020	5535760	1.0	-0.7	2110	706560	5536100	1.0	-0.7	
-	2120	701020	5534040	1 2	-0.4	2121	705920	5527200	1 7	-0.9	
	5120	100000	500000	1 2	-0.4	2121	71/0/0	5531330	1 # r	-0.0 0.7	
		705700	5557557	1.5	<u></u>	2124	114840	5553620		-0.2	· · · · · · · · · · · · · · · · · · ·
	3125	715220	5538510	2.3	-U.8	3126	715090	5537940	3•3	0.2	
	3127	714900	5537370	3.4	0.5	312.8	/14460	553/100	0.5	- 2 4	
	3129	713940	5526433	3.1	0.2	3130	713930	5526130	1 - 1	-1.8	
-	3131	714510	5525710	1.9	-1.0	3132	714960	5524980	1.5	-1.8	
•	3133	716590	5521170	2.1	-1.8	3135	714960	5536760	3.5	0.6	
_	3136	714770	5536020	3.1	0.2	3137	714950	5535610	6.4	3.5	
	3138	714440	5535420	5.0	2.1	3139	713650	5537100	1.4	-1.5	
	3140	713680	5521660	1.6	-1.8	3141	719260	5521320	1.9	-1.5	
	3142	719780	5521300	1.5	-1.9	3143	719900	5521120	6.6	3.2	
	3144	720100	5521200	1.9	-1.8	3146	705550	5538750	1.3	-0.6	
-	3147	705550	5539420	1.8	-0.1	314.9	720070	5520410	1.8	-1.9	
	3149	715000	5521290	4.2	0.3	3150	715560	5521550	1.3	-2.5	
-	3 1 5 1	716130	5521690	2.1	-1.8	3152	715030	5522710	1.9	-1.2	
	3153	716070	5522640	-1.0	0.0	3154	715120	5522320	2.0	-1.9	
-	3155	714560	5522240		2 . 6	3157	7.05.780	5533300	1.5	-0.3	
	2159	715520	5520271	1 0	_1 3	3150	714160	5539500	20	-0.7	
-	2120	712740	5530353	- <u></u>	<u> </u>	2141	717100	5539370	1 7		
ł	5100	119100	5556255	2 • 7	1.4	2163	713000	6636310	2 0	1 + T	
	2162	712200	2220117	1.0	<u></u>	2100	713330	5561760	<u> </u>	- 3 1	
	3164	712810	2249639	2.0	2	3155	712220	5541760	1.4	~ <u>/</u> +i	
	3150	112360	2242311	1.0		<u>/ / / / / / / / / / / / / / / / / </u>	111210	-3341410			
	3169	711950	5539940	1.8	-0.1	3[10	711550	5539790	1+	-1-1	
-	<u> </u>	111/50	553 (40)	1.9	-0.3	3172	10510	5539500	9.3	<u> </u>	
	3173	708740	5540740	1.8	-2.2	5174	708140	5541240	1.1	-2.3	
	3175	709220	5539430	2.1	-0.2	3176	717230	5540600	2.3	-0.3	· -···-
	3177	717610	5540780	2.1	-1.0	3178	719820	5541250	3 • 3	0.2	
-	3180	716340	5539920	4.0	0.9	3131	716010	5540420	4.3	1.2	an a
-	3182	715650	5540810	4.3	1,2	3183	715420	5540560	1.9	-1.2	
	3184	715000	5540400	4.1	1.0	3185	714250	5540440	2.8	-0.1	·········

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	PRINIC GEOCHEMISTRY U RESIDUALS LIST PAGE 36	
-	SAMPLE EAST NORTH U OR U KS SAMPLE EAST NORTH U OR U	τς
		nan ma
	$\frac{3186}{714120} \frac{5539580}{5539580} 1.9 - 0.3 \frac{3187}{714190} \frac{5538900}{5538900} 2.3 - 0.$	4
	$= \frac{1}{2} - \frac{3188}{200} \frac{720660}{517940} \frac{5541580}{5517940} \frac{2.6}{200} - \frac{0.8}{3189} \frac{3189}{712940} \frac{712940}{5517940} \frac{5517940}{13.0} \frac{13.0}{5}$	4
	$\frac{5190}{115210} \frac{713210}{5516170} \frac{55161440}{26} \frac{47 \cdot 3}{32 \cdot 4} \frac{32 \cdot 4}{3191} \frac{3191}{113330} \frac{5516790}{5516790} \frac{10.4}{10.4} 0.$	<u>ל</u>
	3194 713940 551633 = 8.9 -1.1 = 3155 714170 5515870 = 9 -1.1	2
	$\frac{3195}{714350} 5515580 8.0 - 1.9 3197 715860 5523830 1 9 - 1.0 - 1.9 3197 715860 5523830 1 9 - 1.0 $	2
	3198 715770 5524570 20.6 17.5 3200 714760 5514340 6.4 -3.	0
	3201 714560 5515010 1.7 -8.2 3202 717760 5520820 5.8 2.	4
	3203 718430 5520530 2.7 -0.7 3204 719190 5519970 2.3 -2.	3
	3205 720000 5519913 1.7 -1.3 3236 736950 5533940 3.7 -3.	3
	3207 737200 5533540 4.2 -2.8 3208 737480 5533140 4.1 -2.	9
	3209 737580 5532780 4.3 - 1.3 3210 737650 5532410 3.9 - 1.	3
	$\frac{3211}{738010} \frac{738010}{5531780} \frac{5531780}{3.9} \frac{3.9}{-1.3} \frac{3212}{3212} \frac{737530}{737530} \frac{5526400}{5526400} \frac{6.2}{6.2} 2.$	1
	$ \begin{array}{c} 3213 & 737130 & 5525720 & 4.5 \\ 3215 & 736960 & 5523750 & 4.5 \\ 3215 & 736960 & 5525760 & 4.5 \\ 3215 & 736960 & 5525760 & 4.5 \\ 3215 & 736960 & 5525760 & 5525760 & 5525760 & 5525760 & 5525770 & 5525770 & 5$	4
	$\frac{5215}{3217} \frac{736310}{5522011} \frac{5522011}{40} \frac{40}{200} \frac{5210}{3219} \frac{736310}{5522011} \frac{5522011}{40} \frac{40}{200} \frac{5210}{2019} \frac{723730}{55210} \frac{552150}{55210} \frac{40}{200} \frac{10}{200} \frac{10}{20$	2
	3219 723970 5542200 3.5 -0 5 3221 722540 5541540 1.8 -2	2
	$\frac{3222}{38370} \frac{738370}{5542350} \frac{1.8}{1.8} - \frac{1.2}{3223} \frac{3222}{716320} \frac{5513060}{5513060} \frac{3.3}{-5}$	2.
	$3224 \ 716370 \ 5514190 \ 3.2 \ -5.3 \ 3225 \ 744970 \ 5481910 \ 1.4 \ -4.$	7
	3226 745120 5481540 2.6 -2.9 3227 745420 5480480 3.5 -2.	0
	3228 746110 5478570 2.1 -4.0 3229 746030 5474140 2.6 -4.	6
	3230 746800 5473120 2.6 -4.5 3231 748450 5476430 5.8 -0.	5
	3232 749040 5469300 2.9 -2.7 3233 749810 5467670 5.0 -0.	6
	3234 749430 5466790 3.2 -1.5 3235 748690 5464780 9.3 4.	5
	$\frac{3236}{748530} \frac{748530}{5462110} \frac{5462110}{2.3} -3.9 \frac{3237}{746690} \frac{746690}{5461460} \frac{5461460}{2.8} -2.$	4
i i	= 3238 743880 5461800 2.9 = 2.3 3239 745350 5462010 2.1 = 3.	1
	$\frac{5240}{3243} \frac{742140}{742140} \frac{5461130}{5461130} \frac{3}{3} \frac{0}{-1} \frac{0}{0} \frac{3244}{3204} \frac{741090}{7401090} \frac{5461900}{5462800} \frac{2}{5} \frac{1}{1} \frac{1}{1}$	5
	3245 741720 5463830 2.5 -1.1 3246 742800 5464000 2.5 -1.	1
	3247 737230 5471070 4.2 -0.0 3248 736110 5471360 3.4 -0.	8
	3249 736690 5471820 4.5 0.3 3250 735780 5470610 4.7 0.	5
	3251 736540 5469920 3.7 -0.4 3252 738680 5470960 3.3 -1.	9
	3253 745250 5474210 3.6 -3.5 3254 725920 5539830 14.2 6.	2
	3255 726720 5539230 14.1 6.1 3256 727370 5538900 33.6 25.	6
	$\frac{3257}{727620} \frac{727620}{5538150} \frac{5538150}{10.5} \frac{10.5}{3.1} \frac{3258}{3258} \frac{727770}{5537510} \frac{5537510}{9.0} \frac{9.0}{1.0} \frac{1}{100}$	6
	3259 727250 5537240 13.2 2.3 3251 727040 5536600 19.8 8.	9
	$\frac{3262}{725790} = \frac{3264}{5535180} = \frac{3264}{75790} = \frac{3264}{5535180} = \frac{326}{5535180} = \frac{326}{555180} = \frac{326}{5555180} = \frac{326}{5555180} = \frac{326}{5555180} = \frac{326}{5555180} = \frac{326}{5555180} = \frac{326}{55555} = \frac{326}{55555} = \frac{326}{5555} = \frac{326}{5555} = \frac{326}{5555} = \frac{326}{5$	8
i	3266 725170 5533070 22.7 11 4 3267 697180 5517710 10 6 3	0
	3268 696490 5517210 6.9 -0.3 3269 696420 5516840 3.4 -3.	8
	3270 695710 5516900 3.8 -3.4 3271 694740 5516750 7.8 2.	0
	3273 736300 5530100 0.6 -5.4 3274 736120 5529520 4.6 -0.	4
	3275 735320 5529403 5.9 0.9 3276 734850 5528910 3.9 -1.	0
	3277 734400 5528470 3.3 -1.6 3278 734050 5528730 5.9 1.	0
	3279 733600 5529580 4.8 -0.1 3231 734190 5527800 3.9 -1.	0
	3282 734100 5526900 3.5 -0.3 3233 734110 5537230 4.4 -2.	4
	$\frac{3284}{34340} \frac{5335583}{5535733} \frac{4 \cdot 7 - 2 \cdot 1}{3285} \frac{3285}{734400} \frac{535520}{5535920} \frac{9 \cdot 7}{2} \frac{2}{535520}$	9
	3238 735040 5535550 7 0 0 2 2287 734400 5535300 11.1 4.	3
r	$\frac{-5290}{3290} \frac{736380}{5535300} \frac{535300}{7.3} \frac{7.3}{0.6} \frac{0.5}{3291} \frac{55760}{736380} \frac{5534800}{5534800} \frac{5.3}{5.3} \frac{-1}{-1}$	7
ļ	3292 736170 5534220 16.3 9.3 3294 736360 5530240 3 1 -1	6
	3295 736570 5539820 1.8 -2.9 3296 737140 5540340 2.5 -0.	9
	3297 737190 5540650 4.4 1.0 3293 737570 5540780 3.3 0.	3
,	3299 737670 5541160 1.9 -1.1 3300 737830 5541600 2.4 -0.	6
	3301 733100 5537480 5.6 -1.2 3302 732320 5538110 6.5 0.	5

<u>,</u>	PRINIC	GEOCHEMIS	STRY U RE	STOUALS LIST	r PAC	GE 37	
	SAMPLE EAST	NCRTH	UCRURS	SAMPLE EAST	NCR TH	UCRURS	
	3303 731150	5533940	2.4 -3.5	3304 730040	5533830	5.0 -1.0	
	3305 729590	5540100	6.4 1.7	3306 729460	5540860	3.5 -1.2	
	3307 728630	5542090	$1 \cdot 9 = 2 \cdot 8$	3308 (28960)	5539621	-2.3 - 2.4	
	3311 724510	5541370	4.9 0.9	3312 725650	5541460	1.8 -2.9	
	3313 726820	5540060	8.5 3.8	3314 727240	5540060	4.5 -0.2	and a substantiant of the substant
	3315 737460	5542070	2.2 -1.2	3316 736700	5540770	4.1 0.7	=
•	3317 735430	553858)	3.5 -1.2	3318 735810	5537700	2.5 -2.2	
." 	3319 735070	5538630	3.7 -1.1	3321 750590	553(670	$\frac{1.3}{2.4}$	
	3322 733900	5535360	$4 \cdot 1 = 0 \cdot 2$ 2.4 - 1.3	3325 748570	5533930	2.4 - 1.1	
	3326 748560	5532670	2.1 -1.4	3327 748720	5531160	2.0 -1.2	Aller - Standaugens (1995) seidente des Frideric (Printerio
	3328 747740	5529813	2.5 -1.1	3329 745920	5528750	2.8 -0.3	
	3330 744640	5527980	2.3 -1.0	3331 743990	5526540	2.8 -0.5	
	3332 743160	5525480	4.0 0.7	3333 741380	5524810	3.2 -0.4	··· <u> </u>
	3334 740680	5523540	$3 \cdot 5 = 0 \cdot 1$ $3 \cdot 1 = 0 \cdot 7$	3335 739870	5521990	$3_{\bullet}0 = 0_{\bullet}0$	
	3338 699010	5514090	11.1 0.9	3339 698610	5513350	8.6 -1.6	an a
	3340 698030	5512940	19.1 8.9	3342 718630	5524070	2.1 -1.2	
1	3343 718630	5524440	3.3 -0.0	3344 719630	5524430	1.7 -1.6	
	3345 720490	5524710	2.7 -1.1	3346 720730	5524480	2.2 -1.5	
	3347 721380	5524270	1.5 -2.3	3348 722100	5524200	$2 \cdot 9 = 0 \cdot 9$	
****** ***	3349 722680	5522610	2.0 -2.6	3352 715110	5533010	$\frac{2 \cdot 5}{5 \cdot 8} = \frac{2 \cdot 1}{0 \cdot 5}$	a an
	3353 715480	5532990	4.8 -0.5	3354 715790	5533170	6.9 1.6	
	3355 716120	5533310	6.6 1.3	3356 716600	5533130	5.5 0.2	
	3357 717290	5532970	6.1 0.8	3353 717610	5532380	46.4 38.3	
	3359 717430	5532340	3.3 -2.1	3350 718180	5532270	14.3 (.1	
	049917 5352	5531851	4-4 -2.2	3364 720770	5531760	4.7 -7.4	anno cacannai - Arab y Frantsan
	3365 721000	5531950	8.7 1.6	3356 721470	5531650	8.5 1.4	
	3367 722010	5531720	7.5 0.4	3358 722470	5531520	25.5 18.4	
:	3369 722370	5531280	6.5 -0.6	3370 102350	5535710	1.6 -0.2	
	3371 700620	5537070	1.9 0.1	3373 694020	5516620	6.6 0.8	
11.1	3374 593930	5532951	2.4 - 0.9	3315 592200	5533500	3.0-0.3	anna a su anna anna an su an she basha di sa sugara sugar
	3378 712300	5531080	3.9 1.5	3379 723630	5523030	3.4 -1.2	
	3380 724700	5522490	4.6 0.1	3381 725290	5522540	3.7 -1.2	
	3382 723330	552921)	2.8 -4.1	3383 723210	5528300	3.2 -3.7	
	3384 722660	5527620	1.9 -5.0	3385 692340	5518020	5.8 0.4	
	3386 692030	5517820	3.4 - 2.0	3389 692250	5516720	$\frac{3 \cdot 1}{2 \cdot 2} = \frac{-1 \cdot 7}{-3 \cdot 6}$	
	3390 692660	5516080	2.3 -3.5	3392 692970	5514640	4.4 -1.7	
•	3393 692850	5514120	2.7 -3.4	3394 692660	5513450	7.8 1.7	
	3395 692850	5512500	3.3 -2.8	3396_693380	5511760	2.7 -4.0	
	3397 699920	5538000	1.1 -0.8	3378 737900	5541390	2.3 - 0.7	
*-**	3399 738120	<u>554153J</u>	$\frac{1.8 - 1.2}{1.2 - 1.5}$	3410 135050	5530010	2 0 -0 2	and and the second s
	3403 698230	5539740	3.3 1.4	3404 698330	5533830	1.5 -0.4	
	3405 692900	5515340	2.0 -3.8	3436 693000	5514850	3.5 -2.6	
	3407 702640	5513900	3.3 -2.3	3438 702700	_55 <u>18550</u>	3.1 -2.5 .	
	3409 697660	5521960	1.7 -4.0	3410 674380	5530950	1.0 -0.3	
	3411 6 (4880	5533500	$\frac{1.1}{1.000}$	3412 614850	5534300	1.7 0.3	
	3416 676130	553 551 0	1.1 - 0.3	3417 694650	5535660	1.0 -0.7	
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	ESTOUALS LIST PAGE 38
PRINIC GEOCHEMISTRY UNIT	
NODTH NO PHOS	SAMPLE EAST NORTH U CR U RS
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والمراجع والمراجع والمراجع والمراجع والمراجع والمراجع والمراجع والمراجع والمحاف والمحاف والمحاف والمراجع والم	ս է հարցելու համ է ուշիստ անգացիչարը է գետացրող է գացվոր է հայ սողորդ էջինչությունը։
	2/10 (20250 5533900 1.7 -0.2
3418 586170 5535373 1.7 -0.2	3419 689550 5533730 1 9 0.2
3420 690360 5533763 1.0 -0.7	3421 691730 5555750 1.3 -0.3
3422 693050 5533460 1.5 -0.1	3423 693630 5533010 1.3 -0.4
3424 694820 5533650 0.9 -0.7	3425 694830 5534760 1.2 0.4
2424 697380 5512550 18.3 7.3	3427 696680 5512210 9.8 5.8
3428 (0(050 551212) 18.8 9.8	3429 695510 5512170 11.2 2.2
3428 696050 5512320 8.6 1.9	3431 694170 5512320 2.4 -4.3
3430 694500 5512520 2.1 0.1	3433 703730 5534520 4.6 2.6
3432 103110 5554850 2.1 0.1	3435 703750 5533420 3.1 1.1
3434 703900 5534075 2.4 0.1	3438 703280 5536530 1.6 -0.2
3437 703400 5535750 1.6 0.2	3440 702930 5538070 1.7 0.0
3439 703180 553 /3/0 2.8 1.0	244.2 702150 5538410 1.9 0.2
3441 702690 5538010 2.0 0.3	2444 700020 5538950 1.5 -0.2
3443 700310 5539190 0.5 -1.2	2444 492420 5541160 2.2 -0.7
3445 694710 5535560 1.5 -0.4	2440 702270 5532720 2.5 0.5
3447 703430 5533283 2.7 0.7	3478 103210 332120 202
3449 703660 5531950 2.2 0.1	3450 702550 5552000 2.4 0.000
3451 702090 5533560 2.3 0.2	3452 102430 3534010 2.0
3453 667680 5533990 1.0 -0.1	3454 667420 5534010 1.0 0.1
3455 666600 5533580 1.1 -0.0	3456 665640 5533340 0.8 -0.5
3458 701540 5536190 2.0 0.2	3459 702420 5535290 2.2 0.4
2460 702480 5536830 2.4 0.6	3451 702220 5537300 0.5 -1.5
2460 702400 5537582 2.4 0.7	3453 701930 5538000 1.5 -0.2
3462 702600 5538810 1.5 -0.2	3455 700840 5539530 1.7-0.0
3464 701590 5530160 1.2 -0.7	3467 699240 5538940 1.3 -0.6
3466 699500 5539140 1.2 0.1	3459 700950 5534190 1.3 -0.8
3468 /00/00 5552/0 1.1 0.0	3471 700690 5535530 1.6 -0.2
3470 700760 5534800 2.1 0.0	3473 664720 5532950 0.9 -0.3
3472 701020 5536200 2.0 5.2	3475 663760 5531170 1.3 -0.1
3474 663580 5532380 1.5 -0.1	3477 663560 5534030 1.1 -0.1
3476 662570 5530590 1.4 0.0	2490 661410 5533040 1.3 -0.0
3479 662770 5533450 1.3 0.1	2492 459220 5532530 1.1 -0.3
3481 660680 5532670 1.0 -0.3	5 5402 555220 5520920 1.5 -0.4
3483 657820 5531650 1.4 -0.4	+ 3484 555010 5531470 1.4 -0.5
3435 655870 5532170 1.6 -0.3	3480 000010 000110 2.3 0.5
3487 654720 5530660 1.6 -0.2	$\frac{3488}{693999} = \frac{55399}{59399} = \frac{55390}{59399} = \frac{1}{9} = \frac{9}{6} = \frac{6}{6}$
3493 691900 5541383 2.2 -1.1	3491 663100 0020020 1. 2. 3.
3492 662680 5526070 0.9 -1.4	3493 662440 5526760 1 4 -0 2
3494 661700 5581800 0.9 -0.3	3 3495 662470 5530240 1.4 0.2
3495 662600 5529940 1.6 -0.0	3497 662650 5529350 1 6 7
3498 661820 5523650 5.0 2.9	3439 661770 5527800 1.4 -0.1
2501 653310 5531170 1.9 0.1	1 3502 652660 5530930 1.5 -0.3
2503 651250 5530710 1.7 -0.1	1 3504 649900 5530210 1.5 -0.0
3505 051250 5550119 3.3 0.4	5 3536 659000 5521400 3.3 0.5
3505 05050 5520980 2.6 0.0	0 3508 660350 5520180 3.0 0.4
3507 600010 5520700 2.0 5.	5 3510 661130 5532140 1.6 0.0
3509 661150 5552520 1.1 2 -0 4	4 3512 560360 5532010 0.9 -0.7
3511 660720 5532430 1.2 -0.	3 3514 659510 5531450 1.2 -0.6
3513 660080 5531510 1.5 -0.	7 3516 658560 5530920 3.6 1.8
3515 659270 5530940 1.1 -0	2 3518 664140 5536000 1.4 0.3
3517 663970 5535150 1.3 0.	1 3520 665630 5537820 0.8 -0.3
3519 664370 5537160 1.2 0.	1 2522 652970 5528150 2.1 -0.0
, 3522 653680 5528580 2.2 0.	$\begin{array}{c} 1 \\ 2 \\ 3 \\ 3 \\ 5 \\ 2 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 2 \\ 5 \\ 5$
3524 653120 5528300 1.9 -0.	$\frac{2}{1}$ 3523 552520 5526530 1.9 -0.1
3525 651760 5527680 1.9 -0.	$\frac{1}{1} \frac{3527}{520} \frac{5529070}{110} \frac{1}{100} \frac{1}{10$
3528 666070 5537200 1.0 -0.	1 3529 667420 5550070 1.1 3 0.2
3530 664810 5538100 1.3 0.	$1 3531 665150 5550670 1 \cdot 5 0 \cdot 2$
3532 658920 5527780 1.8 -0.	6 3533 653430 5528230 2.5 -0.1

- PRINIC GEOCHEMI	ISTRY UP	ESIJUALS LIS	r pag	E 39	
SAMPLE EAST NORTH	H U DR U RS	SAMPLE EAST	NORTH	UDRURS	
3534 657680 5528490) 6.3 3.9	3535 657420	5528650	3.8 1.4	· · · · · · · · · · · · · · · · · · ·
3538 657620 552972	$2 \cdot 2 = 0 \cdot 2$	3539 657380	5530330	2.6 0.7	
3540 657660 5530790) 1.6 -0.2	3541 658130	5531130	0.8 -1.0	
3543 659660 5526750) 5.7 2.8	3544 660390	55269.00	1.7 - 1.0	
	3.6 0.9	3546 661210	5526090	$2 \cdot 0 = 0 \cdot 7$	
3547 661820 3528350	$\frac{1.6}{1.6}$	3550 678500	5537120	1.5 -0.0	
3551 678230 5537120) 1.3 -0.2	3552 677830	5536950	1.3 -0.2	
3553 656070 5527600	3.7 1.3	3554 655730	5528610	2.9 0.5	
3555 655570 5529630	1.0 - 1.4	3556 655710	5530500	1.2 -0.7	
3550 672760 5539664	1.4 0.0	3558 673610	5540010	1.4 0.0	
3561 674620 5539580) 1.6 0.2	3562 674680	5538860	1.9 0.5	·····
3564 653830 5528723) 1.5 -0.6	3565 654220	5529070	3.1 1.0	
3566 654800 5528930	2.5 0.4	3557 654970	5528400	2.7 0.5	
3568 654420 5529500	$\frac{3.5}{1.4}$	$\frac{3569}{2671} \frac{677430}{576410}$	5536940	$\frac{1.6}{1.5}$ 0.2	
3570 676920 5557440	1.5 0.1	3573 661180	5519840	1.6 -0.6	
3574 665130 5527020) 1.6 -0.3	3575 665020	5526480	1.7 -0.2	
3576 664280 5526330	0.5 -1.8	3577 664030	5526030	1.1 -1.2	
3578 663580 5525740	1.6 - 0.7	3579 663200	5525630	$1 \cdot 1 - 1 \cdot 2$	
	$\frac{1.1 - 0.5}{1.4 - 0.1}$	3583 678990	5530800	$\frac{0.5 - 1.1}{1.7 0.2}$	
3585 663450 5524750) 16.4 13.9	3586 663630	5524110	1.7 -0.8	
3587 663640 5523670	1.8 -0.7	3588 663970	5523120	1.5 -1.0	
3589 6640 80 5522390) 1.5 - 0.8	3590 664200	5521580	1.5 -0.8	
3591 664630 5521020	1 + (-9.6)	3592 664700	5520550 5535000	1.5 - 0.8 1.8 - 0.2	
3595 665890 553380	0.5 - 0.6	3596 665970	5539180	0.9 -0.2	
3597 666240 5539280) 1.1 -0.0	3 59 8 666730	5539990	1.1 -0.0	
3599 667860 5538693	0 1.1 -0.0	3600 666870	5539100	0.9 -0.2	
3602 674780 5538210) 1.8 0.4	363 674980	5537160	$\frac{1.3 - 0.0}{2.6 - 0.0}$	· · · · · · ·
3604 660700 5519750	$2 \cdot 1 = 0 \cdot 1$	3633 659450	5518630	1.5 -0.8	
3608 658340 5518630	1.8 - 0.5	3609 657510	5513460	1.7 -0.6	
3610 655540 5519713	2.0 - 0.2	3611 655110	5519830	2.4 0.2	
3612 662120 5520960	1.7 - 0.9	3613 662940	5520450	2.0 - 0.3	
3616 664100 5518180	$\frac{1.6 - 0.5}{1.5 - 0.5}$	3617 664120	5517650	1.6 -0.4	· · · · · · · · · · · · · · · · · · ·
3618 664640 551745(1.1 - 0.7	3619 686360	5529530	1.8 0.1	
3620 685210 5529370) 1.5 -0.2	3621 684540	5528220	2.1 0.2	
3623 678210 5531420	0.9 - 3.6	3624 677990	5531560	1.0 -0.5	
3625 677920 553226	$1 \cdot 1 - 0 \cdot 4$	3525 677810	5534140	0.9 - 0.4	
3629 676970 553462	$\frac{1.1}{1.3}$ $\frac{-0.2}{0.3}$	3630 667790	5540820	0.9 -0.4	
3631 664320 5537430	0 1.1 -0.0	3632 663690	5537430	0.9 -0.2	
3633 661710 5519140) -1.0).)	3634 661990	5513570	6.8 4.5	
3635 662280 551805	$\frac{1.4 - 0.8}{1.7 - 0.1}$	3635 662880	5517560	1.8 - 0.2	
3631 663230 551700. 3639 602720 5538080	J I.I -1 3	- 2028 003120 - 3640 692720	5528280	1.4 - 1.0	
3641 692380 5539430	3 4.4 1.9	3642 691840	5539370	1.6 -0.9	
3644 663410 553342;	0 1.0 -0.2	3645 659610	5532960	1.3 -0.1	
3646 659770 553362	0 1.4 - 0.0	3647 659770	5534610	1.1 -0.3	
3040 553340 553578	J 1.4 U.L	000000 00000	0101010	<u>U.J.</u>	· · · · · · · ·

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	PRINIC	GEOCHEMI	STRY URI	ESIDUALS LIST	୮ ିନ୍ଦ୍ର	E 40	<u></u>
	SAMPLE EAST	NORTH	UDRURS	SAMPLE EAST	NGRTH	UDRURS	
	3650 660500	5538170	1.3_0.0	3651 660910	5540220	1.7 0.2	
•	3652 560720	5539393	1.5 0.2	3653 660180	5535780	1.0 -0.3	
	3656 659050	5535681	1.2 - 0.1	<u>3657 658800</u>	5535530	1.7 0.4	_
	3658 657750	5535820	0.9 -0.4	3650 657030	5535800	1.4 -0.1	
	3661 656460	5536580	1.4 -0.1	3652 658590	5533290	1.8 0.4	
	3663 692130	5534070	1.2 -0.5	3664 692720	5534280	1.1 -0.5	
	3665 682180	5535730	1.2 -0.4	3656 681960	5536550	1.0 -0.5	
	3667 682120	5537470	0.9 -0.7	3658 682410	5537670	1.6 - 3.2	
	3669 682360	5540360	1.8 0.0	3670 655000	5519530	1.6 -0.6	
	3671 654260	5519710	2.3 0.3	3612 655310	5518580	2.3 0.1	
	30/3 024820	5517650	$1 \cdot 7 = 0 \cdot 3$	3574 03301U 3677 660060	5512200	$2 \cdot 1 0 \cdot 2$	
	3678 649370	5507961	$\frac{1.0 - 0.1}{7.1 4.7}$	3679 548840	5508970	4-0 1.6	
:	3680 650870	5513390	1.5 - 0.4	3681 691900	5540820	2.1 -1.2	
	3682 646820	5531320	5.4 3.0	3683 646280	5530140	5.9 3.5	
	3684 646520	5529940	3.1 0.5	3685 646380	5530540	2.6 0.2	
	3686 646900	5530760	3.2 0.8	3687 647230	5530230	2.5 0.1	
	3688 647280	5530440	2.1 -0.3	3689 648070	5530320	2.4 0.3	
	3690 648850	5530480	2.1 -0.0	3692 692750	5534930	1.5 -0.1	
	3693 692870	5535613	1.4 - 0.5	3694 692820	5536660	2.3 0.4	
	3693 692840	5537210	3.7 1.0	3676 572980	5527450	1 + 2 = 1 + 2	
	3690 640510	5528051	$\frac{2 \cdot 3 - 3 \cdot 7}{1 \cdot 4 - 3 \cdot 9}$	3700 649930	5528620	1.6 - 3.7	
	3701 650460	5528250	1.5 -0.5	3712 683700	5527030	1.5 -0.5	
,	3703 684010	5526450	2.8 0.7	3704 634990	5526120	1.0 -1.1	
4	3705 685570	5526470	2.1 0.3	3706 686500	5526510	1.7 -0.1	
	3708 687180	5527030	0.9 -0.9	3709 684230	5525830	1.2 - 0.9	
	3710 645670	5520260	1.5 -2.5	3711 5464.80	5520300	2.3 -1.7	and and the state of the state
	3/12 646520	5520550	3.3 -0.7	3713 682050	5539820	1.6 - 0.2	
	3714 681700	5339550	$\frac{1.7 - 0.1}{2.7 - 3.9}$	3717 692090	5538900	2+5 0+1	
	3718 681420	5538051	5.0 3.2	3719 681020	5538200	1.0 -0.8	
	3720 646140	5522710	13.2 8.8	3721 645980	5522420	10.5 6.5	
	3722 646460	5522140	10.1 6.1	3723 687590	5535960	1.7 -0.3	
	3724 687260	5535410	2.0 0.1	3725 636700	5535450	4.4 2.5	· · · · · · · · · · · · · · · · · · ·
	3726 685440	<u>5535510</u>	2.1 0.2	3727 683870	5535490	0.5 -1.2	
2	3728 683200	5535213	1.0 -0.7	3729 682730	5534690	1.3 -0.3	
	3730 691310	5533770	1.0 - 0.4	3731 548240	5524840	12.5 8.9	
	3732 547970	5523780	4.3 0.7	- 3734 588530 - 3734 497670	5533500	$\frac{2 \cdot 1}{1 \cdot 0} \cdot \frac{0 \cdot 2}{0 \cdot 1}$	
	3737 686910	5522200	$\frac{2 \cdot 3}{2 \cdot 1}$	2738 636460	5531350	1.6 - 0.1	a an
	3739 685870	5531360	1.3 -0.4	3740 685180	5530830	2.7 1.0	
	3741 684190	5530640	1.4 -0.3	3742 683180	5530410	1.7 0.0	
	3743 682020	5529540	1.0 -1.6	3744 693240	5539020	1.5 -0.9	
	3745 693980	5538590	4.1 1.7	3746 694270	5540270	3.8 0.9	
	3747 6946.90	5538910	4.3 1.9	3748 648160	5523420	1.5 -2.1	
	3750 648630	5523973	4.0 0.4	3751 649250	5523800	5.0 1.4	
	3752 649700	5523480	3.8 0.2	3153 650310	5523930	$\frac{1.5 - 1.1}{1.2}$	
ţ	3756 650280	552432J	$2 \cdot 3 = 0 \cdot 4$	3757 604010 3757 697615	2727270 5624020	1.4 -3 7	
	3758 650410	5527200	1.5 -0.9	3759 650220	5525920	$\frac{1.9}{1.5} - \frac{1.9}{1.9}$	• • • - -
	3760 668500	5533560	1.7 0.6	3751 669140	5532750	0.6 -0.5	
	3762 569940	5532150	1.0 -0.1	3754 649390	5530850	1.2 -0.9	
	3765 649740	<u>554013</u> J	1.1 -0.3	3756 649200	5539620	1.5 -0.1	

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PRINIC GEOCHEMISTRY U RESIDUALS LIST PAGE 41

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SAMPLE EAST NORTH U OR U RS SAMPLE EAST NORTH U OR U RS

	3767	648860	5539320	1.0 -0.	6 3758	646720	5521850	13.6	9.6	
	3769	647000	5522020	8.4 4.	4 3770	647500	5521870	4.5	1.3	
	3771	647830	5521960	2.4 -0.	8 3772	648310	5521410	2.7	-0.5	
	3773	643850	5535320	1.3 -0.	4 3774	648500	5535230	1.3	-0.4	
	3775	649070	5534660	1.2 -).	7 3776	649230	5533940	1.2	-0.7	
	3777	648980	5533080	1.3 -0.	6 3779	643530	5520600	1.4	-1.8	
	3780	649660	5525410	1.7 -1.	3 3781	648620	5525670	2.2	-0.8	
Ĩ.	3782	648680	5526580	1.5 -1.	5 3783	649490	552933)	1.5	-0.8	
	3784	648910	5523800	1.3 -1.	<u>)</u> 3735	649790	5535230	1.6	-0.1	
	3 785	650260	5535450	1.3 -0.	4 3787	650610	5535450	1.7	0.0	
	3788	651230	<u>553586)</u>	1.4 -0.	3 3789	651930	5536210	1.3	-0.4	er als in gestigentigen a figure is the party first an instruction conjust and the back teachers of a
	3790	651070	5536940	1.5 -0.	2 3791	650430	5536610	1.7	0.0	
	3792	649110	5535230	1.5 -0.	2 3793	672760	5537000	0.8	-0.5	
	3 7 9 5	647180	5520420	3.6 -0.	4 3796	647320	5520280	2.2	-1.8	
	3797	647770	552023)	1.5 -1.	7 3798	648150	5520010	1.7	-1.5	
	3799	653460	5532100	1.9 0.	1 3800	654450	5534140	2.1	0.4	
	3801	654470	5533340	1.5 -0.	2 3802	655160	5533310	1.5	-0.1	-
	3803	655930	5533110	1.1 -0.	5 3804	655600	5534210	22	0.6	
	3805	655540	5532790	1.8 0.	2 3806	648770	5538760	1.3	-0.3	
•	3807	648350	5537990	1.9 0.	3 3808	648020	5537410	1.4	-0.3	
÷	3809	648200	5536880	1.4 -0.	3 3810	648130	5536100	2.2	0.5	
:	3811	672060	5535620	1.1 -0.	1 3812	672680	5536350	0.7	-0.6	
	3813	671320	5536320	1.7 0.	5 3814	670440	5532530	0.5	-0.6	
	3815	671570	5530120	1.0 -0.	2 3817	670270	5531800	1.3	0.1	
	3818	670430	5531050	1.0 -0.	2 3819	670260	5530730	0.9	-0.3	
	3820	670570	5530480	1.4 0.	2 3821	670210	5530230	1.1	-0.1	
	3822	670520	5529660	1.1 -0.	3 3823	670300	5528610	1.5	0.1	
	3824	571750	5541030	1.8 0.	5 3825	571340	5539540	1.2	-0.0	
	3826	671730	5538620	1.9. 0.	7 3827	670380	5528050	2.9	1.5	
	3828	670950	5527430	1.1 -0.	4 3829	671020	5526510	1.0	-0.5	
	3830	671390	5526330	1.2 -0.	3 3831	671300	5525620	0.8	-0.7	
	3833	670990	552575)	1.4 -0.	1 3834	670720	5524590	0.9	-0.6	
	3835	670380	5523590	1.1 -0.	4 3836	670380	5522600	2.8	1.3	
	3837	670820	5522500	2.0 0.	5 3838	654570	5532550	1.4	-0.3	
	3839	653840	5532610	1.5 -0.	2 3840	666550	5512000	1.7	-0.1	
-	3 8 4 1	667290	5512300	1.6 -0.	2 3842	665050	5513890	1.1	-0.5	and the conduction have and which an a defect at the sound defection
	3843	663670	5514700	1.8 0.	0 3844	663290	5514330	2.0	0.2	
	3845	663340	5513690	1.7 -0.	1 3846	660000	5500150	0.5	-1.3	
	3847	642250	5521640	4.6 0.	7 3848	649340	5532230	2.0	-0.1	
	3849	649260	5531460	1.6 -).	5 3850	649700	5530850	1.7	-0.4	
	3851	672450	5530600	1.0 -0.	2 3852	674400	5533000	1.9	0.7	
	3854	674350	5531430	1.3 0.	0 3855	674990	5530960	1.3	0.0	ann an an an ann ann ann ann ann an an a
	3856	674790	5530430	0.9 -0.	4 3857	670300	5527530	0.9	-0.5	
	3859	669670	5525710	1.2 -0.	3 3859	651980	5537870	1.8	0.2	
٦	3860	651 530	5537640	2.0 2.	4 3851	650580	5537250	2.1	0.4	
	3862	650010	5537630	3.0 1.	4 3263	649750	5533260	2.3	0.7	and the second
	3864	649500	5538750	1.1 -0.	5 3865	641570	5521130	5.4	1.5	
Colorado and	3866	641950	552 0680	4.9 1.	0 3867	642250	5519800	3.0	-0.4	
	3868	642900	5519150	2.3 -0.	7 3859	643690	5517770	1.2	-1.8	
	3870	643670	551648.)	1.3 -0-	8 3871	643390	5515840	1.5	-0.5	
	3372	642240	5513780	2.9 1	0 3873	643470	5512550	1.6	-1.4	
	3875	643530	551 3820	2.0 -1.	3 3876	641030	5523390	4.9	1.5	
	3877	640220	5524893	2.8 -].	5 3878	639590	5529760	4.4	1.8	
	3379	639930	5523873	3.8 1	2 3880	669630	5524430	1.6	0.0	
	3 381	669110	5523210	1.3 -0.	3 3882	668910	5522420	0.9	-0.6	
	5 301	00/110	<u></u>	JJ•	2 2002	556710	JACC TO		U • · J	

	PRINIC	GEDCHEMI S	STRY URE	SIDUALS LIS	τ ΡΔΟ	GE 42	 Compared at the compared segment of the compared segments.
	SAMPLE FAST	NORTH		SAMPLE FAST	NORTH	UARUSS	
						0.01.01.0	
				2024 (72250	5534030		
	3883 668120	5522100	1.1 -0.4	3884 670050	5526800	1.9 0.4	
•	3885 612450	1 552201J	$1 \cdot 2 = 0 \cdot 2$	3835 513020	5523100	1.2 - 0.5	
	3881 014390	5521120	1.0 -0.4	3838 642910	5522710	39 06	
	3891 641810	5522980	6 9 3.6	2822 642400	5523010	4.3 1.0	
	3803 642650	5523211	1.1 -3.0	3894 643450	5523310	7.1 3.0	
	3896 643300	5524790	2.3 - 1.8	3877 641940	5524700	2.1 -1.2	
	3898 640810	5524280	1.6 -1.7	3899 640300	5523960	1.3 -2.0	and the second second for the second second second
	3900 640180	552363)	1.3 -2.0	3901 637820	5539900	0.9 -0.4	
	3902 637720	5539250	0.9 -0.4	3933 637570	5538620	1.1 -0.2	And and a second s
	3904 637110	5538040	1.4 0.1	3905 637340	5537250	2.2 0.7	
	3906 637770	5536493	1.5 0.1	3907 679710	5489670	2.1 -1.0	
	3908 680470	5489920	2.2 -1.9	3939 680490	5491530	1.9 -1.4	
•	3910 680390	5490710	1.9 -1.4	3911 639710	5536860	1.6 0.2	
	3912 639850	5536760	1.5 0.1	3913 639280	5536390	1.5 0.1	
	3914 638620	5536070	1.0 -0.4	3915 638000	5536160	1.5 0.1	
	3917 638230	5535390	1.6 0.2	3918 638540	5534800	1.4 - 0.2	andr amweddiatarwyn with rys yng meniwr y bedryw, y stad fef
	3919 638910	5535010	1.2 -0.2	3920 640310	5535660	1.1 -0.4	
	3921 640570	5535170	1.4 -0.1	3922 641130	5528180	1.2 -0.9	
	3923 641700	5528030	1.4 -0.7	3924 542270	5527980	1.3 -0.8	
	3925 642820	5528030	1.5 - 0.8	3926 642690	5527150	1.6 -1.4	
	3928 642140) 552716J	1.6 -0.8	3929 641350	5526840	1.6 -0.8	
	3930 641230	5525610	1.1-0.1	3931 640610	5526690	1.9 -0.5	
	3932 540150	5527060	1.5 -0.9	3933 542950	5531780	2.5 0.2	
~	3934 643 380	5522160	$\frac{3 \cdot 1}{1 \cdot 0}$	3935 043370	5532930	$1 \cdot 3 - 0 \cdot 8$	
	3730 643210	5530040	1.0 - 1.5	3931 043420	5531190	5.0 0.1	
	2040 442770	5531253	4.9 2.0	3939 545100	5530810	<u> </u>	
	3943 642170	5530430	$1 \cdot 3 = 0 \cdot 3$	3043 641330	5530210	1.7 - 0.4	
	3945 641190	5533800	1 4 - 7 4	3945 660200	5533530	1.3 -0.5	
	3947 639761	5533530	1.7 0.1	3948 639910	5532490	2.2 0.4	-
	3949 639590	5531710	1.6 -0.4	3950 640230	5531820	1.6 -0.5	
	3951 640770	5531780	1.3 -0.8	3952 641550	5532180	1 - 3 - 0 - 8	
	3953 687660	5515950	1.0 -2.3	3954 687080	5516290	0.5 -1.4	And 1,
	3955 640530	5529110	1.5 - 7.6	3956 640470	5527880	1.6 -0.5	
- 7 4 34- 3 5	3957 640570	5528450	3.1 1.0	3958 641500	5529520	1.1 -1.0	annen kontanten eta - dine a parten baranten Antonia.
	3959 641260	5529490	1.4 - 0.7	3950 641930	5529400	1.5 - 0.6	
т	3961 692500	5518530	6.4 0.2	3952 592970	5518940	13.4 7.2	
1	3963 693460	5519030	8.7 2.5	3954 693600	5519410	9.1 2.9	
	3966 638080) 553823)	1.1 -0.2	3957 637520	5535760	0.9 -0.5	
	3968 637050	5535190	0.8 -0.7	3959 636470	5534750	1.3 -0.5	anangalapakan sebah nghipengai sami terih ng manifikat kaangadana
	3970 636540	5534320	1.1 -0.7	3971 636060	5533530	1.3 -0.5	
	3972 635740	553295)	3.5 1.7	3973 634970	5532930	2.4 -0.1	
	3974 634840	5532603	3.6 1.1	3975 635030	5530300	1.5 -0.6	
	3975 635420	5529483	3.7 0.5	3977 635510	5528420	2.5 - 7.7	
	3978 635170	5525620	1.5 -2.7	3979 533320	5532960	1.1 -1.4	
-	3983 628010	5532970	2.0 -2.2	3984 529800	5533090	5.3 1.1	Radgementer a service state of an a distribute or open as
	3985 631170	5532913	3.5 -0.1	3986 639550	5535310	1.0 -0.4	
	3080 485410	5521140	1.2 -1.1	2000 425200	5521242	1 3 1 3	
	2001 602040	0 5521040 5521400	2.9 1.0	2000 UFFC	5501020	2 2 - 3 -	
	2002 602200 2771 002200	5516670	2 2 0 2	3024 425450	5516260	2.9.1.0	
	3005 686760	5516660	1 4 0 0	- 300 K K 8 K 9 K 9 K 9 K 9 K 9 K 9 K 9 K 9 K	5515740	1.6 0.2	
	3997 684770	5516160	2.2 1.9	3998 683650	5515550	1.4 0.0	
	3999 683000	5517121	0.9 - 0.5	4001 693860	5519080	7.5 1.3	
	3,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						

	PRINIC	GEOC HEMI	STRY UR	ESIDUALS LIST	PAGE	43	
¥ 							
	SAMPLE EAST	N OR T-H	UDRURS	SAMPLE EAST	NORTH	UORURS	
		and a second	anti-super-s	an a bill an		a service and the second se	
	4002 694910	5519010	7.4 1.2	4033 694760	5519570	2.3 -3.9	
	4004 674700	5517590	0.7 -0.7	4005 675250	5517410	1.3 - 0.1	
	4006 675390	5516720	1.6 0.2	4007 675220	5515460	3.4 2.0	
	4008 675280	5514710	2.1 1.6	4009 674950	5514040	1.0 -0.7	San an a' an a' san aire aire an
	4010 675240	5513270	1.1 - 0.4	4011 680180	5492320	2.1 -1.2	
	4012 680380	5492940	2.6 -0.0	4013 680450	5493670	1.8 -0.8	
	4016 680370	5494440	17 - 09	4015 690210	5495210	2.2 0.2	
	4017 600000	5406470	10-11	401 2 6 80 4 80	5496000	1 9 - 7 2	
• .	4017 000900	5490410	1.7 - 0.1	4010 000400	5497350 -	1 0 0 0	
	4019 001000	5497085	1.4 - 0.0	4020 601110	5400500 -	1 - 5 - 2 + 1	
	4021 080080	5497750	2.0 0.4	4022 000000	5490520		
	4023 680110	5499320	1.1 - 1.5	4024 679750	5500010		
	4025 679920	5500760	2.1 1.3	4026 619150	5501680	1.1 -0.3	
	4027 679260	5502310	1.1 -0.3	4028 679090	5503100	1.3 0.0	
	4029 679180	5503780	1.4 0.1	4031 678930	5504550	1.0 -0.3	
	4032 679110	5505350	1.3 0.1	4033 679150	5506080	1.1 -0.1	
	4034 679430) 5506850	1.1 -0.1	4035 679060	5507630	1.8 0.6	
	4036 679320	5508380	1.5 0.3	4037 679300	5509230	1.3 0.1	antenne at e 1 - an ann gellig fair an Voarten a Vilanten Tar-
	4038 679260	5510113	1.0 -0.2	4039 679270	5510830	1.2 -0.0	
	4040 679150	5511460	3.1 1.9	4041 679450	5512090	1.4 0.2	-
4	4042 679940	5512860	0.9 -0.3	4043 680270	5513760	1.3 0.1	
	4044 680510	5514270	1.0 -0.2	4045 680390	5514410	0.8 -0.4	
	4047 680270	5515100	0.9 -0.3	4048 680270	5515730	0.9 -0.3	
	4049 680550	5515500	1.1 -0.1	4050 676310	5507030	0.6 -0.5	
Holmond A sing	4051 676200	5507430	1.2 -0.0	4052 676440	5507890	1.2 -0.0	and and the second second second and a second se
	4053 676190	5508020	1.0 - 0.2	4054 676080	5508370	1 - 0 - 1	
	4055 676110	5509070	0.8 -0.4	4056 676210	5509580	1.3 0.1	
	4057 676110	5510270		4058 675560	5510890	0.8 - 0.6	
	4050 655300	5510500	1.0 -0.3	4058 015580	5519770	2200	
	4059 055500	5519500	$1 \cdot 9 = 0 \cdot 5$	4050 655500	5510770	$\begin{array}{c} 2 \\ 4 \\ 1 \\ -1 \\ 2 \end{array}$	
	4001 000190	5510030	2.5.0.0.4	4055 091400	5519520	$+ \cdot 1 - 1 \cdot 3$	
	4064 691190	551967J	3.5 -1.9	4055 69[460]	5520340	4.7 -0.8	
	4066 691680	5520690	32.1 21.2	4057 591750	5521460 2	4.5 19.0	
•	4068 690860	5521420	4.0 -1.5	4059 691000	5520750	4.2 -1.3	
·	4070 691280	5520223	2.3 -2.7	4071 675730	5502820	1.0 -0.3	
	4072 675590	5502000	1.3 -0.1	4073 674980	5501640	1.0 -0.5	
	4074 674420	5512890	3.2 1.5	4075 674250	5512250	1.5 -0.2	anatangan kari si comunit ananarang
	4076 674100	5511300	1.1 -0.6	4077 673890	5510330	1.2 -0.5	
	4078 673470	5509520	1.4 -0.1	4079 672870	5503670	2.1 0.5	
	4080 672820	5507750	1.0 -0.5	4081 672930	5506900	1.5 0.1	
	4083 673040	5506070	1.6 0.2	4084 673130	5505540	1.3 -0.1	
	4085 688210	5523350	2.2 -0.8	4086 688600	5523950	1.7 -1.3	
	4087 688950	5524500	2.0 - 1.0	4088 639220	5525040	2.7 0.5	
	4089 689360	5525350	2.4 0.3	4091 687710	5522650	2.3 -0.7	
	4092 688280	5515840	1.7 -1.6	4093 681310	5516140	0.9 -0.3	
	4094 682080	5516470	1.9 0.7	4095 682860	5516600	1.2 - 0.2	
	4096 693630	5519800	8.9 2 7	4097 693870	5520290	9.7 3.1	
	4098 692720	5521100	11 8 5 2	4099 693260	5520110	5 2 - 1 4	
	4100 603430	5519400	21 - 41	4101 675650	5501350	1 - 2 = 2 + 7	
·	4102 675430	550000		4113 675250	5500600	1 4 = 3 0	· · ·
	- IUZ 010250 - 4104 - 475040	1 55003333 1 55003333		4105 670050 C	5100000		
	4104 0/5240	5500220	<u>1.8 0.4</u>	4107 014000	5433030	1.0 -0.4	
	4100 655960	5523930	5.1 2.1	4107 656070	552459U	5.5 J.5	
	4108 655/10	5524000	2.5 -0.5	4109 655610	5523410	0.1 3.1	
	4110 655270	5522710	4.2 1.2	4112 674260	5515920	1.0 -0.5	
	4113 675520	5513030	0.9 -0.6	4114 675860	5499570	1.7 0.1	
	4115 676810	5498170	1.5 -0.1	4116 677730	5497190	1.3 -0.5	
	4117 678190	5496230	1.2 -0.5	4118 678730	5493230	0.9 - 1.3	

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PRINIC GEOG	HEMISTRY	V RESIDUA	LS LIST	PAGE	44	
SAMPLE EAST N	IGRTH U OR U	RS SAMPL	E EAST	NORTH	UDRURS	
4119 678630 549	74590 L-3 -0	-9 4120	676230	5505820	1.0 -0.2	na tipite ya na na matuka na matuka tika tika da sa
· 4121 676000 550	08000 1.4 0	.2 4122	675450 5	506700	0.5 -0.7	
4123 675020 550)739) 0.9 -0	.2 412.4	674710	5507980	0.7 -0.8	
4125 674160 550	0.5 -1	• 0 4126	673910 5	5507790	1.0 -0.5	
4128 673210 550)7313 1.4 -0	.0 4129	652100	5521880	1.8 -0.7	a na managana na ana ana ana ana ana ana ana a
	L1560 1.5 ~0	•5 4131 0 (103	644140	514330	1.6 - 0.3	
	1483 1.9 0	• <u> </u>	676740 -	529310	12 - 0.3	· · · · · · · · · · · · · · · · · · ·
4136 678380 551	2080 0.7 0 19330 1.3 0	-1 4137	650210 4	5523670	1.7 -1.0	
4138 649770 552	23263 1.8 -1	.8 4139	681750 5	5526210	5.9 3.1	
4140 683460 552	23780 1.7 -0	.3 4141	679300 9	526910 2	2.0 19.0	
4142 679060 552	25630 1.2 -1	.8 4144	654380	5521960	2.6 0.2	
4145 654600 552	21350 2.4 0	.0 4146	654770 5	520770	1.9 -0.5	
4147 655220 552	20390 2.0 -0	.6 4148	655110 5	5520030	2.2 0.0	
	18290 1.1 -0	<u>.9 4150</u>	665130	517050	1.0 - 0.8	· · · · · · · · · · · · · · · · · · ·
	[7290 1.+2 ~() 17350 1.9 0	• 4 4152 2 4154	680160 1	5525470	1.1 - 1.7	
4155 679030 552	24320 0.7 -1	· <u>·</u> 4156	679300	5524160	1.1 -1.1	
4157 679190 552	23290 1.1 -1	.1 4158	679110	5522500	2.2 0.0	
4160 678800 552	22703 1.4 -0	.8 4151	678330	5522190	1.3 -0.2	
4162 678050 552	21170 1.2 -0	.3 4153	677680	<u>5520070</u>	1.0 -0.5	
4164 651490 552	21640 1.7 -0	.8 4155	671190 9	5521390	0.9 -0.5	
4166 670460 552	21540 2.3 0	.9 4167	670400	<u>5520660</u>	1.3 -0.1	аланын " "Ж.Мала" — «Ка Кал" калумбатурайну аландагалар
4168 670370 551	19810 0.8 -0	.6 4169	670740 5	519700	1.2 -0.2	
	17080 - 1.2 - 0	<u>• 2 4171</u> 5 4173	669310	5517820	$\frac{0.5 - 1.0}{1.3 - 0.3}$	
4172 667980 551	17300 Z.I 0	.5 4175	672350 9	5500990	1.4 - 0.2	
4176 672050 550	0.7 - 0	.9 4177	673060	5501550	0.5 -1.0	· ·
4178 674150 550	00600 1.3 -0	.2 4179	674530	5499400	1.6 -0.1	
4181 674790 549	98530 3.3 1	.5 4182	675000 9	5497700	2.3 0.7	
4183 654300 552	21910 1.7 -0	•7 4194	654360	5523070	3.2 0.5	
4185 654760 552	24010 3.1 0	• 4 4185	644810 9	5515660	1.2 -0.9	
4187 645360 551	16320 + 9 - 3	• 3 4188	645820	5517163	$\frac{2.5}{1.5}$ $\frac{0.4}{1.5}$	
	18353 1.5 -1	• 4 4190 1 4122	659220 1	2219200	$1 \cdot 2 = 1 \cdot 3$	
	22673 3.1 0	-2 4194	661620 4	5523460	5.9 3.0	a na an
4195 661730 552	2441) 2.5 -0	.4 4196	661250	5524460	1.4 -1.5	
• 4197 660370 552	23743 4.6 1	.7 4198	660830	5523270	2.6 -0.3	
4199 661100 552	22643 3.2 3	.3 4200	661590	5521750	2.3.0.2	
4202 658930 551	10200 1.4 = 0	.3 4203	658700	5509070	1.5 -0.2	
4204 659530 550	<u>)922) 1.6 -0</u>	.1 4205	659390	5503650	$1 \cdot 3 - 0 \cdot 4$	
4206 659750 550	1803J I+2 -0 1803J I+2 -0	•5 42J7	649500 : 649640 ·	5521230	$1 \cdot 1 - 1 \cdot 9$ $1 \cdot 6 - 1 \cdot 6$	
4210 650200 552	$22090 2 \cdot 1 - 1$.6 4211	650780	5521070	1.7 - 0.8	
4212 651470 552	21390 2.1 -0	.4 4213	652080	5521500	2.1 - 0.4	
4214 652540 552	20660 2.1 -0	• 3 4215	660250	5509020	3.1 1.4	
4216 653860 550	07040 1.6 -0	.1 4218	646.050	5532070	2.2 -0.2	
4219 645150 553	31990 2.7 0	.3 4220	644310	5531850	1.6 - 3.7	
4221 643700 55	31600 2.4 0	•1 4222	653640	<u>5521340</u>	1.5 -1.0	
	1803J 2.4 0 17360 2.4 0	• Z 4224	551020 3	5517690 5517600	2.1 -0.1 1 7 -0.2	
4225 657890 55	17530 2.0 0	<u>-0 4220</u>	658760	5517240	$\frac{1}{2.5}$ 0.5	
4229 658890 551	16690 1.6 -0	4 4230	659240	5516490	1.6 -0.4	
4231 659700 551	15910 1.9 -0	.1 4232	560940	5515530	1.5 - 0.4	
4233 660400 551	15560 1.6 -0	4235	667150	5516800	1.6 -0.1	

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	SAMPLE EAST	MORIH	UORU	JRS	SAMPL	E FAST	NORTH	UCR	บิรร	
	4236 668040	5516960	1.7	0.0	4237	668450	5514640	1.1	-0.5	
	4238 668360	5516010	0.5 -1	. 2	4239	668950	5515160	1.3	-0+4	
	4240 669040	5514490	<u>1.8</u>).0	4241	668680	5514100	2.0		····- ··· ···
	4242 568199	5513720). 3 . 7	4243	669289 6517=0	5513100	2.1	0.5	
har-ar-sad	4244 609470	5513650	1.6 - 0	$\frac{1}{2}$	4248	653630	5514150	1.7	-0.1	
	4249 654090	5514430	1.9 ().1	4250	654550	5514280	1.8	0.0	
	4251 655320	5514550	1.9 0).2	4252	655690	5514890	2.1	0.4	
	4253 656120	5514910	1.9 ().2	4254	656600	5515120	1.9	<u>-0.</u> 0	
	4255 656830	5514850	1.7 -0	0.0	425.6	672500	5504630	2.5	1.0	
	4257 672760	5506070	2.0).6	4258	672530	5507130	<u>2.8</u>	1.4	
`	4259 672420	5508010	1.9).2	4260	671970	5508950	2.0	0.3	
	4262 571630	5509320	2.6)•5	4253	671570	5512030	<u>1+0</u>	<u>~0.3</u>	
	4204 011070 4266 679220	5511455	2.1 - ().5	4200	6711440	549)910	2.5	-0.1	
· ·.	4268 678240	5491750	2.2 -0).4	4269	678140	5492740	4.1	1.9	
	4270 677540	5493230	1.9 -1).3	4271	676850	5493870	3.1	1.0	
pangles and	4272 676720	5494800	2.1 (0.0	4273	676260	5495380	2.9	1.0	
:	4274 676040	5496013	1.9	0.0	4276	675630	5496830	1.1	-0.8	
	4277 671810	5501350	1.4 -(0.2	4278	671710	5502690	3.2	1.5	
	4279 671800	5503650	_2.0 ().4	4280	657370	5515070	1.5	-0.4	
	4281 657700	5515570	1.9).1	4282	657980	5516210	2+9	10.2	
	4283 658480	5516580	$\frac{1 \cdot 8}{21 \cdot 3}$	$) \cdot \zeta$	4284	670410	5512450	21+0	-1-1	ang baga na nagi mangkang kalang ng pananangkang kalang lananan mananan
	4200 090400 4207 650960	5506610	1 4 -4	7•0]]	4200	640200	5505750	2.1	0.4	
Ac. 1. 1. 1. 1.	4289 660680	5506370	1.4 -0).3	4291	660530	5503820	1.9	0.2	······
	4292 660060	5507620	1.4 -(5. 2	4293	659750	5505720	1.8	0.1	
	4294 660640	5506690	1.7	0.)	4295	661130	5503190	1.9	0.2	
	4296 702970	5492020	13.4	1.1	4297	702560	5492190	6.5	5.8	
	4298 660520	5514870	1.7 -0	0.1	4299	660540	5514060	1.6	-0.2	
	4300 661240	5513420	2.0 ().2	4301	661630	5512620	<u>1•7</u>	-0.1	·
a	4302 661760	5512120	2.5)./ 	4333	661650	5510850	1.9	0.1	
• • • •	4304 661480	550946J	1.9), <u>∠</u>) 1	<u></u>	661270	5507580	<u> </u>	0.2	
	4308 661400	5506850	2.0	7•1 7.3	430.9	660700	5505930	1.6	-0.1	
	4310 660560	5505210	1.8).1	4311	66.0360	5504280	1.9	0.2	
	4312 660730	5503640	1.3).i	4 31 4	660450	5502720	1.8	0.1	
	4315 660270	5501940	2.7	0.9	431.6	692200	5483110	8.7	-0.5	
	4317 691760	5487890	3.5 🕂	0.6.	_4,31.8	69156 <u>0</u>	5487920	<u> </u>	-3.2	
	4319 548730	5513280	2.0 -	.	4320	543980	5514200	2.4	0.4	
••• ···	4321 649310	5514350	4.8	<u>2.9</u>	4322	649170	5514870	<u> </u>	<u></u>	
	4323 649890	5515070		1.2	4324	649050	5515690	1.6	-0.3	
	4 323 347 349	5516830	1.9 ~4	$\frac{1}{2}$	4323	650880	5517730	1.6	-7.5	
	4329 651120	5518700	2.2	5.0	4330	651160	5519430	1.5	- 3.7	
	4331 652090	5519860	1.6 -	0.6	4 33 2	652380	5520060	1.8	-0.5	
	4333 692730	5488700	17.2	7.4	4335	693410	5489370	10.1	<u>).3</u>	
arabi weke	4 335 6 933 30	5490340	10.2 -	1.0	4337	693500	5491350	9.5	-1.7	
	4338 693580	5492050	15.5	4.3	4339	693970	5492230	17.6	6.3	
	4340 660030	5500840	1.6 -	0.2	4341	660430	5499940	2.0	0.0	
	4 342 660700	5459070	1.8 -	2.2 > =	4343	661120	5493130	<u> </u>	-0.5	
	4344 001130 4346 661430	2491400 5407211	2.7	1.5 1.5	4340	661220	- 247/42U - 54a651A	2.1	-0.2	
100 V L 11	4348 661320	5495630	2.3	0.1	4349	661470	<u></u>	4.3	2.5	an a
	4350 661690	5493870	2.0 -	0.2	4351	662160	5493050	2.9	0.7	
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PRINIC GEOCHEMISTRY U P	ESIDUALS LIST PAGE 46
SAMPLE EAST NORTH U DR J 35	SAMPLE EAST NOPTH U.OR U.R.S
4352 662350 5492500 1.8 -0.4	4353 662260 5492410 8.1 6.1
t 4354 662240 5491530 1.7 -0.3	4355 694480 5487640 18.7 8.9
$\frac{4351}{4359} \frac{647790}{648730} \frac{5512420}{5512420} \frac{2.6}{2.6} \frac{0.5}{0.5}$	4350 649460 5512210 -1.0 0.0
4361 649760 5512350 1.9 -0.2	4352 704070 5491500 5.8 -5.5
4363 703680 5490420 13.6 1.3	4354 703310 5490940 4.9 -7.4
4365 703060 5491803 7.6 -4.7	4356 703600 5491950 16.9 4.6
4367 690860 5488440 9.7 9.5 4369 701470 5492080 15 9 4 0	$4358 701970 5492210 15 \cdot 1 3 \cdot 2$ $4370 700620 5491770 8 7 - 3 \cdot 2$
4371 699990 5491110 8.0 -3.5	4372 699410 5490480 69.1 57.6
4373 698560 5490120 7.7 -3.8	4374 700810 5490260 5.3 -5.6
4375 696050 5483420 4.8 -5.2	4376 695160 5487260 5.6 -3.8
4377 689380 5491500 13.7 5.3	4378 690300 5488710 5.2 -4.0
1 4379 689600 2489020 2.2 -Z.8 4381 688630 5683893 5 52.8	4380 506750 5483160 4.9 -3.5
4383 687780 5487340 6.3 -2.8	4384 687440 5487500 11.3 3.1
4385 687220 5488160 10.8 3.9	4386 687310 5489010 8.4 1.5
4388 704420 5492940 14.8 1.5	4389 703850 5462180 17.2 13.1
$\frac{4390}{4390} \frac{703610}{703610} \frac{5492690}{560} \frac{11.6}{36} - \frac{1.7}{23}$	4391 703470 5492530 13.2 -0.1
4392 702910 3493030 30.7 23.4	4395 702420 5493830 15.3 2.0
4395 703420 5493180 10.1 -3.2	4397 691090 5490370 5.8 -4.3
<u>4398 694060 5491900 3.9 -7.3</u>	4399 694750 5492100 21.4 10.1
4400 652990 5495750 1.8 -0.2	4401 653190 5495480 1.4 -0.6
$\frac{4402}{653240} \frac{53240}{5499506} \frac{5499506}{1.8} \frac{1.8}{7} \frac{-3.4}{1}$	4404 694630 5486980 11.0 1.4
4407 693670 5486390 7.9 -1.7	4408 693300 5486840 16.9 7.3
4409 692890 5486990 6.1 -3.5	4410 692220 5487470 7.0 -2.6
<u>4411 690620 5490440 8.8 -1.3</u>	4412 653650 5500660 1.5 - 0.8
4413 653820 5500310 2.1 -0.2	4414 701440 5493120 13.3 0.1
$\frac{4415}{6417} \frac{701670}{70100} \frac{5492690}{6492630} \frac{16.4}{54} \frac{3.2}{-5}$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
4417 101000 0488000 0.4 -0.0	4421 - 696300 - 5489550 - 6.9 - 3.1
4422 697040 5489910 9.0 -1.0	4423 697100 5489120 7.3 -2.7
4424 696750 5488820 6.5 -3.5	4425 695780 5489430 6.6 -3.4
4425 696960 5438410 14.7 4.7	4427 696920 5488190 10.5 0.5
$\frac{4428}{697580} 5488070 7 \cdot 7 -2 \cdot 4$	4429 696130 5487600 9.7 -5.8
4430 636510 2433450 7.1 1.0 4432 689480 5493080 30.9 17.4	4433 699200 5493160 27.2 13.7
4434 698560 5492360 1.6 -9.9	4435 695950 5487730 7.9 -2.1
4436 695900 5487080 7.5 -1.9	4437 548300 5496040 3.3 0.9
4438 647690 5496400 5.2 2.3	4439 648670 5497350 4.0 1.6
4440 648930 549747J 2.1 -0.3	<u>4441 649370 0490070 2.0 0.1</u>
4444 644320 5505730 1.8 -0.2	4446 644710 5505830 1.7 -0.3
4447 644880 5506110 1.7 -0.3	4448 645290 5505750 1.7 -0.5
4449 652700 5491730 1.5 -0.7	4450 653)79 5493130 1.3 - 0.4
4451 653450 5498570 1.8 -0.4	4452 654090 5498530 2.3 0.1
4455 683120 5518550 1 2 -0 3	$\frac{117}{4456} = \frac{100}{5360} = \frac{100}{5160} = \frac{100}{100} = \frac{100}{200} = \frac{100}{200}$
4457 680340 5518273 0.7 -7.5	4438 676750 5520570 1.4 -0.1
4459 643370 5493750 2.2 - 2.2	4450 649450 5493610 3.6 1.2
4462 649690 549366) 2.9 0.5	4453 650060 5493390 1.3 -0.8
4464 650190 5493650 1.5 -0.6	4455 650550 5493660 1.4 - 0.7
4400 071210 3473160 Z+1 J+9	

ſ

. Comment

-	PRINIC	GEOCHENIS	STRY UF	RESIDUALS LIST	T 2AC	E 47	
•							
	SAMPLE EAST	NCRTH	UORURS	5 SAMPLE EAST	NCRTH	UÇRURS	
	an a saoin a an shinan Nahar an <mark>Nahar an Agus an an ann ann an Anna an an S</mark> alan Marchasan a saoin a	1 A procession	a na sa sa sa marina matana sa	n a color o contrato contrato con materiala e dala dor tora t		anan kananan kanan ka	
	1169 676953	5522260	13-04	4460 674830	5522070	10 12	
-	4400 014800	5495911	$\frac{1}{2}$ $\frac{5}{6}$ $\frac{-5}{6}$ $\frac{1}{7}$	4437 014330	5/95430	2.6 0.2	
	4470 640900	5494940	5.8 4.4	4473 647150	5495160	4.1 1.6	
	4474 646320	5495660	22 - 0.3	4475 649740	5495850	2.3 - 1.1	
	4476 650380	5495510	2.1 - 0.1	4477 650860	5494710	2.7 0.5	
-	4479 651310	5494280	1.7 -0.4	4480 644050	5503760	1.6 -0.4	ւմել, հայն մի ֆինդուսիայն 🕫
	4481 653260	5499940	2.1 -0.1	4432 553040	5494940	1.4 -0.5	
r	4483 652720	5494620	1.2 -0.7	4484 652340	5494110	1.6 -0.3	
	4485 652620	5493600	1.7 -0.2	4436 652140	5493690	1.7 -0.4	
_	4487 651510	5493980	2.0 -0.1	4488 670130	5527380	1.4 -0.1	
	4489 669830	5527480	1.1 -0.4	4490 669170	5527630	1.4 0.1	
	4491 652920	5499890	10.2 8.0	4492 652600	5499580	1.4 -0.8	
	4494 652390	5499550	3.1 0.9	4475 652290	5498730	2.0 -0.3	
	4496 645400	5511143	1.4 -0.7	4497 645120	5511480	1.8 -0.3	
	4498 644600	5511420	1.1 -0.9	4499 643700	5511350	1.2 -0.8	
	4500 676650	5504900	1.1 -0.2	4501 653470	5496150	2.0 -0.0	
-	4502 653650	5496370	1.8 -0.2	4503 654020	5496420	1.7 -0.3	anaan, amin'ny soora amin'ny soora amin'ny s
	4504 654420	5496670	1.6 -0.4	4505 654390	5496420	1.5 -0.5	
· 	4506 654940	5496600	1.9 -0.1	4507 655360	5496850	1.4 - 0.6	
Ń	4508 653660	549440	2.0 0.1	4510 653800	5494200	4.5 2.1	
	4511 678000	5500910	$1 \cdot 2 - 0 \cdot 2$	4512 544890	5505830	$\frac{1}{1}$ $\frac{3}{7}$ $\frac{3}{7}$ $\frac{3}{7}$	
	4515 044330	5506510	$1 \cdot 1 = 0 \cdot 5$	4014 040110	5510470	$1 \cdot 1 = 0 \cdot 3$	
• • • •	4313 043400	5510197	$2 \cdot 1 0 \cdot 1$	4510 009100	5500550	1 5 -0 3	analist seeses and second s
	4510 660170	5510100	1.2 -0.1	4510 668190	5511730	2 6 0 7	
	4521 670170	5511670	1 - 7 - 9 - 2	4520 005050	5508390	1.7 - 0.3	
	4523 645020	5508650	1.6 -0.5	4524 545520	5503660	2 + 1 = 0.2	
	4525 645810	5508290	1.7 -0.5	4527 546120	5508360	1.7 -0.5	
	4528 646130	5503840	1.9 -0.3	4529 645430	5503890	2.0 -0.2	
	4530 643550	5508700	1.5 -0.5	4531 643410	5508530	2.0 -0.0	an an ann an an ann an an an an an an an
	4532 651680	5500730	1.5 -0.8	4533 651650	5500900	2.2 -0.1	
۲	4534 652210	5501640	1.4 -0.9	4535 551770	5503130	2.0 -0.2	
	4536 651520	5502430	1.7 -0.6	4537 651820	5501970	2.0-0.3	
	4538 651060	550025)	1.7 -0.6	4539 652320	5498240	1.9 -0.4	
•	4540 653510	5495590	2.0 -0.0	4541 653630	5495030	1.7 - 0.3	an an ann an an an an an ann an an an an
	4543 674790	552764)	1.9 0.2	4544 674890	5527450	1.9 - 0.5	
	4545 674640	5527370	4.9 2.9	4545 674640	5526920	1.2 -).8	· • • · ·
	4547 674840	5526140	3.6 1.6	4548 674810	5525720	4.8 2.8	
16 × 10 × 10	4549 674850	552 504 J	2.3 1.3	4550 6(4340	5524530	I. (-J. I	
	4551 674760	252429J	3.5 1.1	4052 653650	5512800	1.5 -0.2	
204.	4553 663690	<u> 2727493</u>	1.2 - 0.3	4554 668180	$\frac{2227910}{552270}$		a anna 12 an ann aird fhailt an ag ann ann an 17
	4000 001900	5401440	1.4 0.1	4000 001900	5/0100	$1 \cdot 1 = 0 \cdot 2$	
	4560 454(00	5491030	$\frac{1 \cdot 1}{1 \cdot 6} = 0 \cdot 1$	4561 655030	5491020	1.0 -0.5	
	4562 549430	5485170	1 1 - 3 4	4563 649990	5485750	1.5 0.0	
	4564 677320	5504470	0.3 -0.5	4565 677120	5504210	9.9 - 0.4	
	4566 677420	5503850	1.0 -0.3	4557 676980	5503460	1.0 -0.3	
100-270	4568 677390	5502570	1.2 -0.1	4569 577550	5501510	1.2 -0.2	an a
	4570 675500	5488420	1.7 -0.5	4571 573850	5488880	1.7 -0.3	
	4572 674200	5488100	1.8 -0.2	4575 675600	5521790	1.1 -0.4	
	4576 655150	5491300	1.9 0.3	4577 655590	5491490	1.7 0.1	
	4578 655850	5491110	1.5 -0.1	4579 656250	5490550	2.2 0.5	
	4580 656020	548978)	1.6 0.2	4531 673723	5492930	2.6).6	an a
	4582 674240	5493030	2.2 0.2	4533 674770	5493170	1.6 -0.4	
	4584 675060	5492690	2.0 -0.1	4585 674030	5506370	1.0-0.4	

	PRINIC	GEOCHEMI	STRY	U RE	SIJU	LS LIST	2.33	GE 48		:;
	SAMPLE EAST	NURTH	υ es	IJ RS	SAMPL	EEAST	NOR TH	ิน ถุล	URS	
	an a		•				· • • • • • • • • • • • • • • • • • • •			u
•.	4585 674740	_5506010 _5485520	1.1	-0.4	4587	675 <u>68</u> 0 548680	<u>5504290</u> 5486070	2.2	0.9 -0.4	
	4591 647820	5486200	1.2	-0.3	4 59 2	647020	5485990	1.5	0.0	
	4593 646150	5435910 5455040	1.2	-0.3	4594	648520 666950	5486320	1.2	-0.3	
	4597 645030	5499890	2.5	0.1	4598	644910	55 00890	3.0	0.7	a ana in ing any ang
	4599 645160	5501520	1.9	-0.4	4600	545090	5501720	1.8	~).5	
	4601 644710	5502330	2.2	0.1 -0.2	4602	644510	5502410	4.2	-0.3	
	4605 643170	5505120	1.3	-0.7	460 I	642900	5507450	2.9	0.9	·····
	4608 643320	5509840	2.7	$\frac{0.1}{2}$	4609	643680	<u>5510340</u> 5489610	4.1	2.1	an a
	4612 670800	5511550	2.5	0.6	4613	671430	5511620	2.6		
	4614 671550	5511910	5.5	3.6	4615	652840	5483800	2.3	0.8 0.6	
•••	4615 652990	5489750	0.7	-0 <u>.8</u> -0.8	4617	654780	<u>5489290</u> 5489330	1.0	-0.5	
	4620 655790	5489490	1.5	0.1	4621	656260	5489460	2.9	1.5	and a second of the second second
	4623 650610	5486290	0.7	-0.7	4624	651070	5486960	1.0	-0.4	
	4627 671240	55 08 99 0	1.5	-0.2	462.8	670780	5503380	1.3).4	
	4 62 9 6 70 2 90	5507610	1.5	<u>0,2</u>	4630	670060	5505870	1.6	-0.1	···· · · · · · · · · · · · · · · · · ·
	4631 670700	- 5505150 - 5513300	1.8	0.1	4632	669900	5504410	1.5	-0.1	
	4635 663000	5512530	2.3	0.5	4636	663000	5512270	1.6	-9.2	hann hann sin a sa ar an an san an sa an
	4637 662900	5602250	$\frac{1}{2}$	0.0	4639	661870	5511460	$\frac{2.1}{1.7}$	0.3	
	4642 674750	5491440	2.3	0.2	4643	674760	5491930	2.6	0.5	. <u> </u>
	4644 653220	5491880	1.3	-0.4	4545	553530	5492370	2.0	0.3	
	4646 654280	5489500	1.3	<u>-0.3</u>	4641	669680	<u>5489670</u>	1.4	-0.4	n Mara a sa a a sa ana ana ana ana ana ana an
	4650 661810	5489890	1.2	-9.6	4651	662510	5489330	1.1	-1.1	
	4 652 675450	5487000	1.7	~0.4 ~0.5	4653	648570	5507170	3.6	1.2	
	4657 661357	5504400	1.6	-0.1	+626_ 465.8	(61160)	5504530	1.3	<u>∵0•∠.</u> ~0.4	
	4659 694630	5504820	18.3	3.8	4460	692410	5504440	2.9-	10.3	
	4661 692350	5503960	2+6-	19.6 6.0	465Z 4654	691080	5503250	1.3 3.5	~ 7.2	
	4665 670360	5503880	1.5	-0.1	4 65 6	670830	5503540	1.9	0.3	
	4667 671440	<u>5503390</u>	<u>1.9</u>	0.3	465.5	651820	5509210	1.5	-0.7	
	4672 653050	5510270	1.9	0,3	4673	652940	5510400	1.5	-0.0	- Marine James James - Angeles -
	4674 654030	5510890	1.3	-0.3	4675	654190	5511150	1.6	-2.2	
	4678 676200	- 5 <u>492150</u> - 5492240	1.5	~0.5 ~0.6	4679	<u>675320</u> 677180	<u>5492400</u> 5591900	1.2	4.3	
	4680 677870	5492100	2.3	~0.3	4681	649820	5508330	3.8		_,
	4682 650050	5503800 5509420	2.7	0.5	4633	650040	5509030 5509270	1.7	-0.5	
	4687 651610	5509250	1.4	-0.8	468.8	676150	5492120	1.6	- 3.5	na ann an an Arrithn an Airthnean Ann an A
	4689 676520	5491860	1.5	-3.7	4670	547890	5506580	3.7	1.3	
	4693 647980	5505200	>.8 2.9	1+4 0-5	4672 4694	54005J 647820	- 5505200	2.5	-).3	
	4695 648360	5504480	2.3	0.0	4696	648750	5504220	2.5	0.2	
	<u>4697 648940</u> 4699 649140	<u>5503340</u> 5502650	2.2	<u>-0.1</u> -0.6	4698	649340	<u>5502880</u> 5502750	<u> </u>	-0.5	
	4701 649520	5501330	1.7	~0.5	4703	550130	5501030	2.0	-).3	·· · ·····

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PPINIC C	COCHEMI S	TRY U RE	ESIDUATIS (LIŠI	Г Р <u>А</u> С	SE 49	
SAMPLE EAST	NOPTH	UORUPS	SAMPLE ENST	NCRTH	UBRUP	S
4704 650760	5500580	2.2 -0.1	4705 671450	5496150	3.3 1.3	
4705 672120	5496200	3.2 1.2	4707 672830	5495800	2.4 0.5	
4708 672830	5495970	1.7 -0.2	4739 673590	5496000	$1 \cdot 6 - 3 \cdot 3$	
4710 673980	549598J 5705710	2.0 0.1	4711 074010	5495710	2.3 0.4	
4712 679100	5488730	2.7 -0.3	4715 669510	5483270	3.6).6	na a an an an an an anna a gunagan ar cobarra annan a da da annan bha
4716 668960	5488480	4.3 1.3	4717 663210	5488530	45.3 42.3	
- 4719 667630	5488710	2.0 -1.0	4720 689690	5498660	11.3 -2.7	
4721 690940	5500310	17.0 1.3	4722 688750	5497170	12.3 -0.1	
4723 688370	5497000	13.5 1.1	4724 638480	5495230	3.8 -3.6	
4725 688120	5496360	8,7 -3.7	4726 687320	5493870	13.5 5.5	en an an anna an an an an an an an an an
4727 686550	5492570	11.4 3.3	4728 6863330	5491700	- 12+9 - 0+9 - 5 9 - 0 7	
4729 565650	5490580	$\frac{1}{4}$ $\frac{5}{2}$ $\frac{5}{2}$	4732 693900	5491950	3.8 -1.1	
4733 683890	5491950	3.6 - 1.3	4735 650060	5506850	2.1 -0.2	
4736 650620	5506260	1.9 -0.4	4737 651390	5506400	1.7 -0.6	
4738 651890	5505830	1.7 -0.6	4739 652830	5505550	1.7 -0.2	
4740 653640	5505470	1.7 -0.2	4741 653720	5505220	2.0 0.1	
4742 654490	5505050	1.9 -0.0	4743 654960	5505120	2.4 0.5	
4744 655190	5504660	2.0 0.1	4745 655790	5504130	1.5 -0.4	
<u>4746 656390</u>	5503330	$2 \cdot 1 0 \cdot 2$	4141 556600	5502950	$1 \cdot 9 - 9 \cdot 9$	······
. 4/48 65/200	550311J	1.8 -0.1	- 4149 031910 - 6752 660300	5514720	2.0 0.2	
4751 656690	5514890	1.7 - 0.1	4754 660390	5513990	2.0 0.2	
4755 659890	5513310	1.8 -0.0	4756 660700	5508430	1.9 0.2	
4757 659850	5508010	1.2 -0.5	4758 659650	5505820	1.7 -0.0	
4759 660570	5505750	1.5 -0.2	4760 550110	5506450	1.7 0.0	
4761 66019)	5503760	2.0 0.3	4762 660570	5497690	2.3 0.3	
4763 660730	5495483	<u>1.0 -1.2</u>	4764 661130	5495010	1.7 - 0.5	angens menjagen antalet sama antalet di 15 til si sina samadi f
4765 660920	5494600	3.5 1.3	4757 651600	5493260		
4768 661840	5492070	2.0 -0.0	<u>4107 051100</u> 4771 667891	5491030	2.4 -0.5	
4770 COTZIN	5511050	0.5 - 1.1	4773 655030	5511230	1.8 0.2	
4774 655690	5511470	1.2 -0.4	4775 656130	5511410	1.1 -0.5	
4775 656580	5511900	1.3 -0.3	4777 356900	5512530	1.6 -0.1	د من
4778 656950	5513540	1.5 -0.2	4779 657210	5514210	1.6 -0.1	
4780 657230	5514750	1.7 -0.0	4781 657620	5514460	1.1 -0.7	· · · · · · ·
4783 658200	5514710	1.4 -0.4	4784 658940	5514620	4.7 2.9	
4785 659450	5514530	2.1 0.3	4735 672120	5494530	<u> </u>	
4787 671900	5494000	2+6 3+3	4138 671739 - 4799 452373	5496720	2.1 - 1	-
4789 657200	5498660	1.9 - 0.4	4792 651360	5499350	2.0 -0.3	an a
4793 550890	5500250	2.2 -0.1	4794 675800	5487400	1.7 -0.4	
4795 675000	5486750	1,5 -0.5	4796 676050	5434960	1.3 -0.5	
4797 676900	5484210	1.5 -0.3	4799 677870	5433760	1.4 -1.2) 7 <u>.</u>
4800 674620	5490180	2.2 0.1	4802 674000	5487050	1.4 -).3	
4803 673150	5586850	1.9 -2.3	4804 572750	5437000	2.4 0.7	a an ann an an an ann an ann an ann an a
4805 674850	5587550	1.6 - 1.9	- 4835 663750 - 7665 663750	- 2493710 - 5404000	2.4 10.4	·)
4001 003040	<u>04706(J</u> 8464000	2.9 3.5	4813 672330	5497010	$\frac{-1}{1}, 7 \rightarrow 0_{-2}$	「 · · · · · · · · · · · · · · · · ·
4811 672510	5497793	1.6 -0.1	4812 672783	5493570	1.6 -0.1	
4813 673540	5493890	0.9 -0.8	4815 674140	549922)	1.7 0.0)
4816 677150	5519950	0.6 -0.7	4317 677510	5518800	1.5).3	
4818 677850	5518150	0.6 -).5	4819 679010	5516860	1.5 0.3	3
4820 679660	5515840	0.9 -0.3	482 <u>1 66975</u> J	<u>5499600</u>	1.5 -).3	}

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-	PRINIC	GEOCHEMIS	TPY U RI	ESIDUALS LIS	T 246	E 50	
	SAMPLE EAST	NORTH	UDRURS	SAMPLE EAST	NORTH	UCRURS	· ···· · ·
	())) (70070	E (0) 7 1 0	1 5 0 3	<u> </u>	5/02710	1 5 - 0 2	angen pro-
, <u> </u>	4324 670070	5498540	$\frac{1.5 - 0.2}{1.6 - 0.1}$	4825 671480	5499160	1.3 -0.4	••
•	4826 671770	5499910	1.6 - 0.1	4827 664630	5492140	2.5 0.1	
	4828 665260	5492650	2.3 -0.2	4829 665870	5493030	4.1 1.5	
	4831 665820	5493220	-1.0 0.0	4832 666330	5493670	-1.0_0.0	
	4833 678510	5483170	2.2 - 0.4	4834 665380	5495120	$1 \cdot 5 - 0 \cdot 1$	
	4835 664920	5494920	1,7-0,7	4838 663350	549400	$\frac{1 \cdot 7}{1 \cdot 6} = 0 \cdot 7$	
	4839 663890	5493620	1.9 -0.5	4840 663870	5493340	1.6 -0.8	
	4841 664310	5492720	1.8 -0.6	4842 664630	5491040	3.5 1.1	
×	4843 671850	5492900	2.6 0.3	4844 672480	5491900	1.6 -0.9	
	4845 672350	5491920	1.9 -0.6	4847 672500	5491050	2.0 - 0.1	
	4848 672000	5489700	$\frac{1.6}{1.8}$ -0.2	4849 673170	5489330	$1 \cdot 7 - 9 \cdot 7$	· · · ·
•	4852 679860	5516410	1.0 -0.2	4853 679360	5517210	1.3 0.1	•
• ••	4854 673550	5487680	1,3 -0,7	4855 673500	5488400	1.7 -0.3	
	4856 673750	5488430	1.5 -0.5	4857 673650	5488800	1.4 -0.5	
	4858 674600	5521090	2.0 0.5	4859 673000	5518920	$2 \cdot 4 = 1 \cdot 0$	
·	4863 667740	5518530	2.6 - 0.3	4861 667820	5489280	$\frac{2.9}{1.7}$ -1.3	
	4865 666510	5488420	2.2 -0.6	4856 642020	5484240	-1.0 0.0	
	4867 642220	5483670	1.1 -0.4	4858 642210	5483360	1.6 0.1	
	4869 642700	5483290	1.8 0.3	4870 666650	5494440	2.3 -0.2	
	4871 666840	5494000	2.8 0.3	4872 564420	5492120	3.3 0.9	
	4813 645110	5494140	$\frac{1.8 - 0.5}{3.4 - 1.0}$	4874 645920	<u>5488460</u>	$1 \cdot 7 - 7 \cdot 7$	
	4877 666080	5488300	3.9 1.1	4879 642780	5479960	1.5 0.0	
	4330 642740	5479830	1.7 0.2	4881 643170	5479670	1.4 -0.1	
	4882 643510	5479400	1.00.5	4883 643780	5479330	1.9 0.4	
	4884 678450	5517700	1.1 - 0.1	4885 677970	5518750		
	4388 677180	1 5520370	$\frac{-1.0}{1.3}$ -0.2	4889 644310	5495000	0.8 - 1.3	
	4890 643850	5494550	1.60.5	4891 643173	5493930	1.6 -0.5	
	4892 643260	5493770	1.3 -0.8	4893 643330	5493340	1.5 -0.5	
	4895 643110	5492800	1.7 -0.4	4896 663350	549530	1.3 - 7.4	······································
	4897 663730	5496230	2.5 0.3	-4898-66442J -4030-640230	5489920 5709330	$2 \cdot 2 = 1 \cdot 0$	
	4901 649920	5498510	1.9 - 7.4	4902 649320	5493710	2.1 -0.2	
4	4903 650200	5498260	1.9 ~0.4	4934 650970	5497510	2.0 - 0.3	
	4905 650930	5497200	1.6 -0.6	4906 671570	5517380	1.3 -0.3	
	4907 672410	5514983	1.2 -0.4	4938 672210	5515690	1.2 -0.4	
	-4909 -671690	5515920	1,9 $0,31,1-0.5$	4911 671350	5516690		
	4914 642380	5474560	1.5 01	4915 643360	5474950	0.9 - 0.5	
	4916 640680	5476820	1.6 0.1	4917 641230	5477230	1.9 0.4	
	4913 641660	547716)	2.1 2.6	4919 642370	5477160	1.9 0.4	
	4920 642540	5477623	2.1 0.5	4921 642890	5477420	1.5 0.0	
	- 49ZZ 643560 - 4924 643390) 5411410	1.8 9.3 1.4 - 0.1	- 4423 643390 - 4925 ± 44030	54761270	1.5 0.0	
 r	4927 646590	5493740	1.3 - 1.1	<u>4928 547130</u>	5493220	1.2 -1.2	······
	4929 647430	5493480	2.9 0.5	4930 647980	5492720	1.3 -1.1	
	4931 648510	5492450	6.3 4.2	4932 648240	5491690	2.2 0.1	
 ,	4933 648400	5491953	1.2 -0.9	4934 643900	5491880	1.3 - 0.8	
	- 4935 681780 - 4937 650940) 546481J 5494601	1.4 - 1.4 1.6 - 0.6	- 4930 081730 - 4938 651280	5495230 5496650	2.5 -2.5	

Simple FAST NCRTH U CF U RS SAMPLE EAST NURTH U CP U RS 4930 651920 5496213 1.8 -0.4 4740 652333 5495743 2.1 -2.1 4941 657450 5484850 1.0 0.5 4943 653450 5484730 2.8 -7.0 4944 657450 5481380 1.5 0.3 4943 650470 548270 1.8 -7.4 4963 66940 5490517 1.4 -7.3 4953 660390 548970 1.4 -7.3 4952 649810 5489570 1.4 -7.3 4953 660390 548870 1.4 -7.2 4953 642103 5483403 1.4 -7.4 -7.4 4961 64210 549130 1.4 -7.2 4954 642103 548350 1.4 -7.2 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4 -7.4	PRINIC	GEOCHEMIS	TRY U RE	SIDUALS LIST	243	÷E 51	
$\begin{array}{c} 4339, 651620, 5496210, 1.8, -0.4, 4740, 552330, 5495740, 2.1, -0.1, \\ 4941, 659450, 5484850, 1.9, 0.5, 4943, 653450, 5484400, 3.8, -0.4, \\ 4946, 657200, 5484810, 6.9, 5., 4947, 55440, 5481730, 0.9, -0.3, \\ 4946, 662200, 5484810, 6.9, 5., 4947, 55440, 5481730, 0.9, -0.3, \\ 4950, 649640, 545051, 2.3, 0.2, 4731, 64920, 5490340, 1.2, -0.9, \\ 4950, 649640, 545051, 1.2, -0.3, 4555, 649950, 548240, 1.4, -0.4, \\ 4950, 649640, 545051, 1.4, -0.3, 4555, 649950, 548240, 1.4, -0.3, \\ 4956, 650740, 5483570, 1.5, -0.1, 4555, 649950, 5482430, 1.4, -0.2, \\ 4956, 650740, 5483481, 1.6, -0., 4957, 651480, 548430, 1.4, -0.2, \\ 4956, 6450740, 5482453, 1.6, -0., 4952, 649160, 5491370, 1.2, -0.7, \\ 4965, 645100, 5483570, 1.2, -0.6, 4964, 664555, 5482750, 1.2, -0.7, \\ 4965, 645100, 5483350, 1.2, -0.6, 4964, 664555, 5482750, 1.2, -0.7, \\ 4965, 645100, 5483350, 1.2, -0.6, 4964, 66455, 5482700, 1.2, -0.7, \\ 4965, 645100, 5483350, 1.7, 0.2, 4972, 644650, 5483570, 1.3, -0.5, \\ 4667, 645840, 54831051, 1.7, 0.2, 4972, 644650, 5483570, 1.3, -0.5, \\ 4676, 645840, 54831051, 1.7, 0.2, 4972, 644650, 5483570, 1.2, -0.4, \\ 4976, 646965, 5482170, 1.4, -0.2, 4977, 646490, 5481830, 1.1, -0.5, \\ 4976, 646965, 5482170, 1.4, -0.2, 4977, 646590, 5481830, 1.2, -0.4, \\ 4976, 646965, 5482170, 1.4, -0.2, 4977, 646490, 5481830, 1.1, -0.5, \\ 4978, 647260, 5479650, 1.2, -0.4, 4988, 647520, 5483170, 1.5, -0.1, \\ 4978, 647260, 5479650, 1.7, -1.1, 4983, 647520, 5483170, 1.5, -0.1, \\ 4978, 647260, 5479650, 1.7, -1.1, 4983, 647520, 5483170, 1.5, -0.1, \\ 4978, 647260, 5479650, 1.7, -1.1, 4983, 647580, 5473630, 1.2, -0.4, \\ 4978, 64699, 5479650, 1.2, -0.3, 4984, 647420, 5447180, 1.6, -0.8, \\ 9979, 641620, 54749650, 1.5, -0.7, -938, 507560, 5483170, 1.5, -0.1, \\ 4978, 647260, 54749650, 1.5, -0.7, -938, 647580, 5473160, 1.9, -0.1, \\ 9982, 647260, 54749650, 1.5, -0.7, -938, 647580, 5473160, -0.9, \\ 9993, 644690, 548400, 2, -0.3, 0.8, 4992, 663740, 5481480, 1.4, -0.4, \\ 9934, 647860, 5474960, 1.8, -1.3, -9398, 647890, 5481430, 1.6, -0.8, \\ 9934, 647860, 54749650, 1.5$	SAMPLE FAST	NCRTH	UCRURS	SAMPLE EAST	NORTH	U CR U RS	
4941 659230 542435 1.9 0.5 4943 65355 3.44970 2.3 9.7 4946 65230 546431 6.9 5.1 4974 65505 541730 1.9 9.1 4950 646540 549105 2.4 9.4 549450 5402440 1.2 -1.9 4950 649540 549510 2.3 0.2 4731 649320 5402440 1.4 -1.3 4950 649510 54849570 1.5 -0.1 4553 650200 543200 1.4 -0.2 4956 650740 5483420 1.4 -0.7 4950 6427430 5482400 1.4 -0.4 4965 645120 5482470 1.4 -0.4 4956 645170 542740 1.3 -0.4 4965 6451200 5483300 1.4 -0.4 4968 645305 1.4 -0.7 4965 6451201 1.4 -0.2 4971 645305 1.4 -0.7 4965 6451201 1.4 -0.2	4939 651920	5496210	1.8 -0.4	4940 652330	5495740	2.1 -0.1	
$\begin{array}{c} 4946 \ 662200 \ 5464403 \ 6.9 \ 5.1 \ 4977 \ 656960 \ 5481730 \ 1.9 \ -1.3 \\ 4948 \ 450580 \ 5491660 \ 5.9 \3 \ 4976 \ 550910 \ 5491350 \ 2.0 \ 3.1 \\ 4950 \ 646640 \ 5490510 \ 2.3 \ 0.2 \ 4951 \ 64920 \ 54920 \ 4491 \ 1.2 \ -0.9 \\ 4952 \ 649610 \ 5488570 \ 1.4 \ -0.3 \ 4953 \ 649950 \ 5482420 \ 1.4 \ -0.3 \\ 4596 \ 650740 \ 5488431 \ 1.6 \ -0.0 \ 4957 \ 651490 \ 5482420 \ 1.4 \ -0.3 \\ 4959 \ 642740 \ 5488430 \ 1.4 \ -0.7 \ 4950 \ 643210 \ 549330 \ 1.7 \ -0.4 \\ 4961 \ 663200 \ 5482640 \ 1.2 \ -0.7 \ 4950 \ 643210 \ 549330 \ 1.7 \ -0.4 \\ 4961 \ 663200 \ 5482640 \ 1.2 \ -0.7 \ 4950 \ 643210 \ 549330 \ 1.7 \ -0.4 \\ 4961 \ 663200 \ 5482640 \ 1.2 \ -0.7 \ 4956 \ 6464550 \ 5482760 \ 1.2 \ -0.7 \ 4965 \ 665100 \ 548250 \ 1.4 \ -0.7 \ 4966 \ 665100 \ 548270 \ 1.2 \ -0.7 \ 4965 \ 665100 \ 5483300 \ 1.2 \ -0.7 \ 4966 \ 665100 \ 5483300 \ 1.2 \ -0.7 \ 4966 \ 665100 \ 5483300 \ 1.2 \ -0.7 \ 4966 \ 665100 \ 5483300 \ 1.2 \ -0.7 \ 4966 \ 665100 \ 5483300 \ 1.2 \ -0.7 \ 4966 \ 665100 \ 5483300 \ 1.2 \ -0.7 \ 4966 \ 665100 \ 5483300 \ 1.2 \ -0.7 \ 4966 \ 665100 \ 548350 \ 1.3 \ -0.5 \ 4976 \ 66540 \ 5483250 \ 1.9 \ 0.4 \ 4976 \ 6664050 \ 5483250 \ 1.9 \ 0.4 \ 4976 \ 66660 \ 548250 \ 1.4 \ -0.2 \ 4977 \ 66590 \ 548250 \ 1.4 \ -0.1 \ -0.7 \ 4976 \ 66690 \ 548250 \ 1.4 \ -0.1 \ 4976 \ 66690 \ 548250 \ 1.4 \ -0.1 \ -0.7 \ 4976 \ 66690 \ 548250 \ 1.4 \ -0.1 \ -0.7 \ 4976 \ 66790 \ 548250 \ 1.4 \ -0.1 \ -0.7 \ 4976 \ 66790 \ 548250 \ 1.4 \ -0.1 \ -0.7 \ -0.7 \ 4976 \ 66790 \ 548250 \ 1.4 \ -0.1 \ -0.7 \ -0.7 \ 4976 \ 66790 \ 548250 \ 1.4 \ -0.1 \ -0.7$	4941 659450	5484850 5483180	1.9 0.5	4943 558550	5484930	2.3 - 9.9	
$\begin{array}{c} 4948 \ 650280 \ 5491600 \ 5.9 \ 4.0 \ 4949 \ 550210 \ 5491350 \ 2.1 \ 0.21 \\ 4950 \ 649640 \ 5496510 \ 2.3 \ 0.2 \ 4953 \ 650290 \ 5489070 \ 2.1 \ 0.5 \\ 4654 \ 650740 \ 5484570 \ 1.5 \ -0.1 \ 4955 \ 649950 \ 5482430 \ 1.4 \ -0.3 \\ 4959 \ 642740 \ 5484570 \ 1.5 \ -0.1 \ 4957 \ 651400 \ 5482430 \ 1.4 \ -0.2 \\ 4959 \ 642740 \ 5482630 \ 1.4 \ -0.7 \ 4950 \ 643210 \ 5493330 \ 1.7 \ -0.4 \\ 4961 \ 6627200 \ 5482763 \ 2.5 \ 0.5 \ 4952 \ 649160 \ 549170 \ 2.4 \ 0.33 \\ 4963 \ 663900 \ 5482763 \ 2.5 \ 0.5 \ 4964 \ 664550 \ 5482760 \ 1.2 \ -0.7 \\ 4963 \ 663900 \ 5482763 \ 2.5 \ 0.5 \ 4964 \ 664550 \ 5482760 \ 1.2 \ -0.7 \\ 4963 \ 663900 \ 5482763 \ 2.5 \ 0.5 \ 4964 \ 664550 \ 548270 \ 1.3 \ -0.5 \\ 4964 \ 664530 \ 5483750 \ 1.3 \ -0.5 \\ 4964 \ 664530 \ 5483750 \ 1.3 \ -0.5 \\ 4964 \ 664530 \ 5483750 \ 1.3 \ -0.5 \\ 4964 \ 644530 \ 5483750 \ 1.9 \ 0.4 \\ 4976 \ 645840 \ 5483903 \ 1.7 \ 0.2 \ 4977 \ 64650 \ 5483750 \ 1.9 \ 0.4 \\ 4976 \ 64620 \ 5483100 \ 1.1 \ -0.7 \ 4975 \ 645400 \ 5483250 \ 1.9 \ 0.4 \\ 4976 \ 64620 \ 5483100 \ 1.1 \ -0.7 \ 4977 \ 646700 \ 548180 \ 1.1 \ -0.5 \\ 4978 \ 646990 \ 5482150 \ 1.4 \ -0.2 \ 4977 \ 646750 \ 548180 \ 1.1 \ -0.5 \\ 4978 \ 646990 \ 5482100 \ 1.4 \ -0.2 \ 4977 \ 646750 \ 548180 \ 1.1 \ -0.5 \\ 4978 \ 647620 \ 5479980 \ 1.7 \ -1.1 \ 4985 \ 676750 \ 548180 \ 1.1 \ -0.5 \\ 4986 \ 677250 \ 5479208 \ 1.7 \ -1.1 \ 4985 \ 676750 \ 548180 \ 1.1 \ -0.5 \\ 4986 \ 677250 \ 5479208 \ 1.7 \ -1.1 \ 4985 \ 676750 \ 548180 \ 1.3 \ -0.1 \\ 4986 \ 677250 \ 5479208 \ 1.7 \ -1.1 \ 4986 \ 67520 \ 548370 \ 1.5 \ -0.5 \\ 4986 \ 677250 \ 5479208 \ 1.7 \ -1.1 \ 4986 \ 67520 \ 548370 \ 1.3 \ -0.1 \ -0.7 \\ 4996 \ 644630 \ 5489020 \ 1.5 \ -0.7 \ 4978 \ 641580 \ 5477805 \ 1.3 \ -1.8 \ -0.6 \ -0.9 \\ 5004 \ 658460 \ 5489020 \ 1.5 \ -0.7 \ 4994 \ 641580 \ 5477805 \ 1.3 \ -0.1 \ -0.7 \ -0.6 \ -0.9 \ -0.6 \ -0.9 \ -0.6 \ -0.9 \ -0.6 \ -0.9 \ -0.6 \ -0.9 \ -0.6 \ -0.9 \ -0.6 \ -0.9 \ -0.6 \ -0.9 \ -0.6 \ -0.9 \ -0.6 \ -0.9 \ -0.6 \ -0.9 \ -0.6 \ -0.9 \ -0.6 \ -0.9 \ -0.6 \ -0.9 \ -0.6 \ -0.9 \ -0.6 \ -0.9 \ -0.6 \ -0.9 \ -0.6$	4945 662200	5484810	6.9 5.1	4947 656980	5481730	0.9 -0.3	
4950 649610 5499510 1.4 -0.3 4953 65090 548070 1.2 -0.5 4954 650140 5489570 1.5 -0.1 4953 65090 548070 1.4 -0.3 4959 642740 5489430 1.4 -0.7 4959 642740 5489430 1.4 -0.7 4969 642740 5482632 2.3 0.4 4952 649140 5493300 1.7 -0.4 4963 663850 5482760 1.2 -0.7 4965 66100 5483303 1.4 -0.4 4962 66450 548370 1.3 -0.5 4965 6483505 548370 1.4 -0.4 4962 6453053470 1.2 -0.4 4976 6463605 548370 1.4 -0.2 4972 646450 5483250 1.9 0.4 4976 646005 548370 1.2 -0.3 4973 5482570 1.2 -0.4 4976 646005 548370 1.4 -0.2 4977 6462405	4948 650580	5491660	5.9 4.0	4949 550010	5491350	2.0 0.1	
$\begin{array}{c} + 4922 \ 649810 \ 548970 \ 1.4 - 0.3 \ 4932 \ 650970 \ 9480710 \ 54.1 \ -0.3 \ 4956 \ 650150 \ 5488570 \ 1.4 - 0.3 \ 4956 \ 650150 \ 5488570 \ 1.4 - 0.3 \ 4956 \ 650740 \ 5488480 \ 1.4 - 0.3 \ 4956 \ 650740 \ 5488480 \ 1.4 - 0.4 \ 4956 \ 643210 \ 5493330 \ 1.7 - 0.4 \ 4956 \ 643210 \ 5493330 \ 1.7 - 0.4 \ 4956 \ 643210 \ 5493330 \ 1.7 - 0.4 \ 4961 \ 643210 \ 5493120 \ 1.2 - 0.7 \ 4963 \ 643850 \ 5482760 \ 2.8 \ 0.5 \ 4956 \ 64550 \ 5482760 \ 1.2 - 0.7 \ 4963 \ 64580 \ 5483590 \ 1.3 - 0.5 \ 4956 \ 64550 \ 5483590 \ 1.3 - 0.5 \ 4956 \ 645630 \ 5483590 \ 1.3 - 0.5 \ 4956 \ 645640 \ 5483590 \ 1.3 - 0.5 \ 4976 \ 646640 \ 5483600 \ 1.4 - 0.4 \ 4968 \ 646430 \ 5483590 \ 1.3 - 0.5 \ 4976 \ 646640 \ 5483600 \ 1.4 - 0.4 \ 4976 \ 646650 \ 5483590 \ 1.4 - 0.4 \ 4976 \ 646650 \ 5483590 \ 1.4 - 0.5 \ 4977 \ 646590 \ 54832570 \ 1.2 - 0.4 \ 4976 \ 646640 \ 5483600 \ 1.4 - 0.5 \ 4977 \ 646590 \ 54832570 \ 1.4 - 0.4 \ 4976 \ 646640 \ 548200 \ 548200 \ 1.4 - 0.4 \ 4976 \ 646640 \ 548200 \ 548200 \ 1.4 - 0.4 \ 4976 \ 646640 \ 548200 \ 1.4 - 0.5 \ 4977 \ 646590 \ 548250 \ 1.4 - 0.4 \ 4976 \ 6467620 \ 548200 \ 548200 \ 1.4 - 0.4 \ 4976 \ 6467620 \ 548200 \ 1.4 - 0.4 \ 4976 \ 646700 \ 548200 \ 1.4 - 0.4 \ 4976 \ 6467500 \ 548200 \ 1.4 - 0.4 \ 4976 \ 6467200 \ 5479630 \ 1.7 - 0.4 \ 4976 \ 6467200 \ 5479630 \ 1.7 - 0.4 \ 4976 \ 647200 \ 5479630 \ 1.5 - 0.5 \ 4986 \ 6472620 \ 5479205 \ 1.7 - 1.1 \ 4987 \ 647980 \ 5479650 \ 1.3 - 1.8 \ 4986 \ 6472600 \ 5479670 \ 1.3 - 0.4 \ 4976 \ 641500 \ 5479505 \ 1.3 - 1.8 \ 4986 \ 6472600 \ 5479670 \ 1.3 - 0.4 \ 4976 \ 641500 \ 5479505 \ 1.3 - 1.8 \ 4986 \ 6472600 \ 5479670 \ 1.3 - 0.4 \ 4976 \ 641500 \ 5479505 \ 1.3 - 1.8 \ 4986 \ 6472600 \ 5479670 \ 1.3 - 0.4 \ 4976 \ 641500 \ 5479505 \ 1.3 - 1.8 \ 4986 \ 6472600 \ 5479670 \ 1.3 - 0.4 \ 4976 \ 641500 \ 5479505 \ 1.3 - 1.8 \ 4986 \ 6472600 \ 5479670 \ 1.3 - 0.4 \ 4976 \ 641500 \ 5479505 \ 1.3 - 0.1 \ 49976 \ 641500 \ 5479505 \ 1.3 - 0.1 \ 49976 \ 641505 \ 5473160 \ 1.3 - 0.1 \ 49976 \ 641500 \ 5484700 \ 1.4 \ -0.8 \ 50005 \ 6418030 \ 1.4 \ -0$	4950 649640	5490510	2.3 0.2	4951 649320	5490440	1.2 - 0.9	
$\begin{array}{c} 4956 & 650740 & 5483483 \\ 4959 & 642740 & 5483483 \\ 1.6 & -0.7 & 4950 & 643210 & 5483430 & 1.4 & -0.2 \\ 4959 & 642740 & 5482631 & 2.3 & 0.4 & 4952 & 649140 & 5491730 & 2.4 & 1.3 \\ 4963 & 663850 & 5482761 & 2.5 & 0.6 & 4964 & 664550 & 5482760 & 1.2 & -0.7 \\ 4965 & 665100 & 5483350 & 1.2 & -0.4 & 4966 & 655580 & 5483590 & 1.3 & -0.5 \\ 4967 & 665840 & 5483300 & 1.4 & -0.4 & 4966 & 666430 & 5494370 & 1.3 & -0.5 \\ 4967 & 665840 & 5483170 & 1.3 & -0.2 & 4977 & 646590 & 5483250 & 1.2 & -0.3 \\ 4971 & 644360 & 5483080 & 1.7 & 0.2 & 4972 & 646590 & 5481830 & 1.2 & -0.3 \\ 4971 & 64690 & 5482150 & 1.7 & 0.2 & 4977 & 646590 & 5481830 & 1.2 & -0.3 \\ 4978 & 546990 & 5482010 & 1.4 & -0.2 & 4977 & 646590 & 5481830 & 1.5 & -0.5 \\ 4978 & 546990 & 5482010 & 1.4 & -0.2 & 4977 & 646590 & 5482570 & 1.5 & -0.5 \\ 4978 & 546990 & 5482010 & 1.4 & -0.2 & 4977 & 646370 & 5482520 & 1.4 & -1.1 \\ 5488 & 678660 & 5479640 & 1.7 & -1.1 & 4985 & 677650 & 5479630 & 1.5 & -0.5 \\ 4988 & 677250 & 5479620 & 1.7 & -1.1 & 4985 & 677650 & 5479650 & 1.3 & -0.3 \\ 4991 & 648210 & 5484760 & 2.3 & 0.8 & 4992 & 663780 & 5489420 & 1.2 & -1.0 \\ 4993 & 664820 & 5479640 & 1.8 & -1.3 & 4988 & 678460 & 1.6 & -0.8 \\ 4991 & 648210 & 5484760 & 2.3 & 0.8 & 4992 & 663780 & 5489620 & 1.2 & -1.0 \\ 4993 & 664820 & 5479640 & 1.5 & -0.1 & 4986 & 674520 & 1.3 & -0.1 \\ 4995 & 64120 & 5473580 & 1.5 & 0.1 & 4998 & 671550 & 5473160 & 1.2 & -0.2 \\ 4999 & 64120 & 5473480 & 0.7 & -0.5 & 5007 & 655200 & 5481580 & 0.6 & -0.9 \\ 5004 & 655470 & 5484200 & 0.7 & -0.5 & 5007 & 656200 & 5485590 & 0.8 & -0.5 \\ 5016 & 654640 & 5484000 & 0.7 & -0.5 & 5007 & 656200 & 5485780 & 0.8 & -0.4 \\ 5010 & 655770 & 5485200 & 1.2 & -1.1 & 5018 & 656520 & 5485590 & 0.8 & -0.5 \\ 5012 & 656560 & 5486700 & 0.7 & -0.5 & 5007 & 656200 & 5485590 & 0.8 & -0.5 \\ 5014 & 65570 & 5485200 & 1.2 & -1.1 & 5019 & 555260 & 5485590 & 0.8 & -0.5 \\ 5015 & 638510 & 5465140 & 0.7 & -0.5 & 5027 & 656200 & 5485590 & 0.8 & -0.5 \\ 5016 & 65470 & 546500 & 3.0 & -1.9 & 50226 & 656303 & 0.8 & -0.5 \\ 5016 & 65470 & 546500 & 3.7 $	4952 849810	5489570	1.4 - 0.5 1.5 - 0.1	4955 649950	5488240	1.4 -0.3	
$\begin{array}{c} 4959 & 642740 & 549350 & 1.4 & -0.7 & 4950 & 649210 & 549330 & 1.7 & -0.4 \\ 4961 & 663200 & 5482601 & 2.3 & 0.4 & 4952 & 649160 & 5491701 & 2.4 & 0.3 \\ 4965 & 665100 & 5483350 & 1.2 & -0.6 & 4966 & 655530 & 548370 & 1.3 & -0.5 \\ 4962 & 665800 & 5483301 & 1.4 & -0.4 & 4968 & 666430 & 5484370 & 1.3 & -0.5 \\ 4969 & 643350 & 5483170 & 1.3 & -0.2 & 4970 & 643730 & 548300 & 1.2 & -0.3 \\ 4971 & 6648400 & 5483080 & 1.7 & 0.2 & 4972 & 64650 & 5483250 & 1.9 & 0.4 \\ 4973 & 644240 & 5483080 & 1.7 & 0.2 & 4972 & 64650 & 5483250 & 1.2 & -0.4 \\ 4973 & 646490 & 5483080 & 1.7 & 0.2 & 4977 & 646590 & 548380 & 1.1 & -0.5 \\ 4976 & 6660 & 5482150 & 1.4 & -0.2 & 4977 & 646500 & 5481830 & 1.1 & -0.5 \\ 4978 & 64690 & 5482070 & 1.4 & -0.2 & 4977 & 646700 & 5480370 & 1.5 & 0.0 \\ 4988 & 64630 & 5479050 & 1.2 & -0.3 & 4988 & 615520 & 5480370 & 1.5 & -0.5 \\ 4988 & 646430 & 5479050 & 1.2 & -0.3 & 4988 & 615520 & 5480370 & 1.5 & -0.5 \\ 4986 & 677250 & 5479210 & 1.7 & -1.1 & 4985 & 676750 & 5479430 & 1.3 & -0.9 \\ 4986 & 677250 & 5479210 & 1.7 & -1.1 & 4987 & 677280 & 5479560 & 1.3 & -1.8 \\ 49991 & 648910 & 5486760 & 2.3 & 0.8 & 4992 & 653780 & 5480440 & 1.6 & -3.8 \\ 49991 & 648910 & 5486760 & 2.3 & 0.8 & 4992 & 653780 & 548020 & 1.2 & -0.2 \\ 4997 & 641620 & 547350 & 1.3 & -0.1 & 4996 & 641920 & 5473160 & 1.3 & -0.1 \\ 4995 & 641210 & 547350 & 1.3 & -0.1 & 4996 & 641920 & 5473160 & 1.3 & -0.1 \\ 4995 & 641210 & 547350 & 1.3 & -0.1 & 4996 & 641920 & 5473160 & 1.3 & -0.1 \\ 4995 & 64120 & 5484100 & 0.7 & -0.5 & 5037 & 654200 & 5481400 & 0.5 & -0.7 \\ 5008 & 654660 & 5484000 & 0.7 & -0.5 & 5037 & 654200 & 548510 & 0.4 & -0.4 \\ 5010 & 655760 & 5484190 & 0.8 & -0.4 & 5038 & 65780 & 5481400 & 0.5 & -0.7 \\ 5008 & 654610 & 548510 & 1.4 & -1.1 & 5019 & 655780 & 548140 & 0.5 & -0.7 \\ 5028 & 65460 & 5486100 & 0.7 & -0.5 & 5037 & 65820 & 548510 & 0.4 & -0.4 \\ 5010 & 655760 & 5485200 & 1.2 & -1.4 & 5037 & 65820 & 548510 & 0.4 & -0.4 \\ 5010 & 655760 & 5485200 & 1.2 & -1.4 & 5037 & 658300 & 548550 & 0.4 & -0.4 \\ 5010 & 655760 & 5485200 & 1.2 & -1.4 & 5037$	4956 650740	548348)	1.6 -0.0	4957 651480	5488430	1.4 -0.2	
$\begin{array}{c} 4961 & 663200 & 648260 & 2.5 & 0.6 & 4964 & 64550 & 5482760 & 1.2 & -0.7 \\ 4965 & 665100 & 5482760 & 1.2 & -0.6 & 4966 & 65583 & 5482760 & 1.2 & -0.7 \\ 4965 & 665100 & 5483300 & 1.4 & -0.4 & 4968 & 664550 & 5483700 & 1.3 & -0.5 \\ 4967 & 645360 & 5483100 & 1.7 & 0.2 & 4972 & 644650 & 5483200 & 1.2 & -0.3 \\ 4971 & 644360 & 5483050 & 1.7 & 0.2 & 4972 & 646650 & 5483250 & 1.9 & 0.4 \\ 4973 & 644940 & 5483050 & 1.7 & 0.2 & 4972 & 646650 & 5483250 & 1.4 & -0.4 \\ 4976 & 646060 & 5482150 & 1.4 & -0.2 & 4977 & 646590 & 5482570 & 1.2 & -0.5 \\ 4976 & 646060 & 5482150 & 1.4 & -0.2 & 4977 & 646590 & 5482570 & 1.2 & -0.5 \\ 4978 & 646990 & 5482070 & 1.4 & -0.2 & 4977 & 646590 & 5482510 & 1.4 & -0.1 \\ 4988 & 643870 & 5479100 & 1.1 & -0.4 & 4981 & 642210 & 5478870 & 1.5 & 0.0 \\ 4988 & 646200 & 5479950 & 1.2 & -0.3 & 4983 & 675520 & 5480370 & 1.5 & -0.5 \\ 4988 & 678260 & 5479980 & 1.7 & -1.1 & 4985 & 676750 & 5479530 & 1.7 & -0.9 \\ 4988 & 677250 & 5479120 & 1.7 & -1.1 & 4987 & 677280 & 5479560 & 1.3 & -1.8 \\ 4994 & 6877250 & 5479200 & 1.8 & -1.3 & 4989 & 678480 & 5488640 & 1.6 & -3.8 \\ 4995 & 66480 & 548600 & 21.5 & -0.7 & 4974 & 641580 & 5473200 & 1.2 & -1.2 \\ 4995 & 66480 & 5483020 & 1.5 & -0.7 & 4974 & 641580 & 547320 & 1.2 & -1.2 \\ 4995 & 66480 & 5487020 & 1.5 & -0.7 & 4974 & 641580 & 547320 & 1.2 & -1.2 \\ 4995 & 66480 & 5483020 & 1.5 & -0.7 & 4974 & 641580 & 547320 & 1.2 & -1.2 \\ 4999 & 661820 & 547350 & 1.3 & -0.1 & 4996 & 641920 & 5473120 & 1.2 & -0.2 \\ 4999 & 661820 & 5473690 & 1.2 & -1.1 & 5005 & 65780 & 5483300 & 0.8 & -0.4 \\ 5006 & 65460 & 548600 & 0.7 & -0.8 & 5005 & 655360 & 5483300 & 0.8 & -0.4 \\ 5006 & 65460 & 5486700 & 1.2 & -1.1 & 5013 & 65620 & 5485130 & 0.5 & -0.7 \\ 5012 & 65570 & 5468200 & 1.2 & -1.1 & 5013 & 65630 & 5483300 & 0.8 & -0.4 \\ 5012 & 65560 & 5485790 & 1.2 & -1.1 & 5013 & 656500 & 5485300 & 1.8 & -1.4 \\ 5027 & 67840 & 547700 & 3.7 & -1.9 & 5028 & 688520 & 546710 & 1.7 & -0.6 \\ 5012 & 658540 & 5465700 & 1.2 & -1.2 & 5035 & 665500 & 5485200 & 1.4 & -0.3 \\ 5026 & 667820 & 5465700 & 1.2 & -1.2 &$	4959 642740	5493050	1.4 -0.7	4950 643210	5493330	1.7 -0.4	
$\begin{array}{c} + 963 & 6.65100 & 5.483350 & 1.2 & 0.6 & 4966 & 665583 & 5483590 & 1.3 & -0.5 \\ + 967 & 665840 & 54833903 & 1.4 & -0.4 & 4968 & 666430 & 5484370 & 1.3 & -0.5 \\ + 967 & 665840 & 5483150 & 1.7 & 0.2 & 4972 & 64650 & 5483250 & 1.2 & -0.4 \\ + 973 & 646240 & 5483080 & 1.7 & 0.2 & 4972 & 64650 & 5483250 & 1.2 & -0.4 \\ + 973 & 646240 & 5483080 & 1.7 & 0.2 & 4977 & 64650 & 5481830 & 1.1 & -0.5 \\ + 978 & 56690 & 5482150 & 1.4 & -0.2 & 4977 & 64650 & 5481830 & 1.1 & -0.5 \\ + 978 & 56690 & 5482070 & 1.4 & -0.2 & 4977 & 64650 & 5481830 & 1.1 & -0.5 \\ + 978 & 56690 & 5482070 & 1.4 & -0.2 & 4977 & 64650 & 5482870 & 1.5 & -0.0 \\ + 982 & 644630 & 5479050 & 1.2 & -0.3 & 4983 & 675520 & 5480370 & 1.5 & -0.5 \\ + 986 & 677250 & 5479200 & 1.7 & -1.1 & 4985 & 67750 & 5473630 & 1.3 & -0.1 \\ + 986 & 677250 & 5479270 & 1.8 & -1.3 & 4989 & 678480 & 5483440 & 1.6 & -0.8 \\ + 991 & 648910 & 5484760 & 2.3 & 0.8 & 4922 & 663780 & 5483620 & 1.2 & -1.0 \\ + 993 & 6648240 & 5499020 & 1.5 & -0.7 & 4994 & 641580 & 5473250 & 1.3 & -0.1 \\ + 995 & 641210 & 5473350 & 1.3 & -0.1 & 4996 & 641940 & 5473150 & 1.3 & -0.1 \\ + 995 & 641220 & 5473450 & 1.4 & -0.0 & 5030 & 641770 & 547320 & 1.2 & -0.2 \\ + 999 & 641820 & 5474140 & 1.4 & -0.0 & 5030 & 654780 & 548130 & 0.6 & -0.9 \\ + 5006 & 654610 & 5484700 & 0.7 & -0.8 & 503 & 654780 & 548130 & 0.6 & -0.9 \\ + 5006 & 65460 & 5486190 & 0.8 & -0.4 & 5033 & 654780 & 548150 & 0.6 & -0.9 \\ + 5010 & 655720 & 5485203 & 1.2 & -0.1 & 5011 & 656020 & 5485270 & 0.8 & -0.5 \\ + 5010 & 655720 & 5485203 & 1.2 & -0.1 & 5011 & 656020 & 5485270 & 0.8 & -0.5 \\ + 5010 & 655720 & 5485203 & 1.2 & -0.1 & 5011 & 656020 & 5486270 & 1.7 & -0.6 \\ + 5013 & 647840 & 548570 & 1.2 & -7 & -5 & 503 & 665500 & 5486570 & 0.8 & -0.5 \\ + 5013 & 648510 & 5465140 & 2.5 & -2.2 & 5017 & 647560 & 5485270 & 1.1 & -0.2 \\ + 5023 & 667707 & 5485201 & 1.2 & -7 & -3 & 5024 & 657830 & 5485570 & 0.8 & -0.5 \\ + 5013 & 65540 & 548570 & 1.2 & -7 & -3 & 5024 & 657830 & 5485500 & 1.4 & -1.3 \\ + 5024 & 67840 & 548570 & 1.2 & -7 & -5 & 5035 & 668520 & 5467180 &$	4961 663200	5482860	$\frac{2.3}{2.5}$ 0.4	4952 649160	5491700	$\frac{2.4}{1.2}$ = 0.3	
$\begin{array}{c} 4967 \ 665840 \ 5483900 \ 1.4 \ -0.4 \ 4968 \ 666430 \ 5484370 \ 1.3 \ -0.5 \\ 4967 \ 643560 \ 5483900 \ 1.7 \ 0.2 \ 4977 \ 643730 \ 5483030 \ 1.2 \ -0.3 \\ 4973 \ 644940 \ 5483080 \ 1.7 \ 0.2 \ 4977 \ 643590 \ 5483250 \ 1.2 \ -0.4 \\ 4973 \ 644940 \ 5483080 \ 1.7 \ 0.2 \ 4977 \ 643590 \ 5483250 \ 1.2 \ -0.4 \\ 4973 \ 644040 \ 5483080 \ 1.4 \ -0.2 \ 4977 \ 643590 \ 5483250 \ 1.2 \ -0.4 \\ 4976 \ 640600 \ 5482150 \ 1.4 \ -0.2 \ 4977 \ 643590 \ 5483830 \ 1.1 \ -0.5 \\ 4978 \ 644030 \ 5479950 \ 1.2 \ -0.4 \ 4981 \ 644210 \ 5478870 \ 1.5 \ 0.0 \\ 4982 \ 644630 \ 5479950 \ 1.2 \ -0.4 \ 4981 \ 644210 \ 5478870 \ 1.5 \ 0.0 \\ 4982 \ 644630 \ 5479950 \ 1.2 \ -0.4 \ 4981 \ 644210 \ 5478870 \ 1.5 \ 0.0 \\ 4982 \ 644630 \ 5479950 \ 1.7 \ -1.1 \ 4985 \ 676750 \ 5479300 \ 1.7 \ -0.9 \\ 4986 \ 677250 \ 5479210 \ 1.7 \ -1.1 \ 4987 \ 677380 \ 547950 \ 1.3 \ -0.9 \\ 4993 \ 664840 \ 5489620 \ 1.2 \ -1.0 \\ 4993 \ 664840 \ 5489620 \ 1.3 \ -1.8 \ 4992 \ 663780 \ 5489620 \ 1.2 \ -1.0 \\ 4993 \ 664840 \ 5489602 \ 1.3 \ -0.7 \ 4994 \ 641580 \ 547950 \ 1.3 \ -0.1 \\ 4993 \ 664840 \ 5489620 \ 1.3 \ -0.1 \ 4996 \ 641950 \ 5473150 \ 1.3 \ -0.1 \\ 4999 \ 641290 \ 5474150 \ 1.3 \ -0.1 \ 4998 \ 641580 \ 547950 \ 0.6 \ -0.9 \\ 5004 \ 655460 \ 548100 \ 0.8 \ -0.4 \ 5003 \ 654780 \ 5481300 \ 0.6 \ -0.9 \\ 5004 \ 6554610 \ 5482100 \ 0.7 \ -0.5 \ 5007 \ 645780 \ 548130 \ 0.6 \ -0.9 \\ 5004 \ 654810 \ 5482310 \ 0.7 \ -0.5 \ 5007 \ 655260 \ 5483100 \ 0.5 \ -0.7 \\ 5008 \ 654570 \ 548420 \ 1.2 \ -0.1 \ 5003 \ 55720 \ 5485200 \ 1.3 \ -1.5 \ 5012 \ 565280 \ 5485100 \ 0.8 \ -0.4 \\ 5005 \ 5656520 \ 5485200 \ 1.2 \ -0.1 \ 5007 \ 565280 \ 5485100 \ 0.9 \ -0.7 \ \\ 5016 \ 655650 \ 5485200 \ 1.2 \ -0.1 \ 5007 \ 565280 \ 5485100 \ 0.8 \ -0.4 \ \\ 5016 \ 655650 \ 5485200 \ 1.2 \ -0.1 \ 5016 \ 565620 \ 5485100 \ 0.8 \ -0.4 \ \\ 5026 \ 548520 \ 1.3 \ -1.5 \ 5012 \ 565520 \ 5485200 \ 1.3 \ -1.2 \ -0.6 \ \\ 5026 \ 548520 \ 548520 \ 1.3 \ -1.5 \ 5012 \ 565650 \ 548520 \ 1.3 \ -1.2 \ -0.8 \ \\ 5026 \ 548510 \ 5465600 \ 1.5 \ -0.5 \ 5022 \ 548520 \ 1.4 \ -0.5 \ 5022 \ 548520 \ 1.4 $	4965 663850	5483350	1.2 -0.6	4966 665580	5483590	1.3 -0.5	
$\begin{array}{c} 4969 \ 643350 \ 5433170 \ 1.3 \ -0.2 \ 4970 \ 643730 \ 5483250 \ 1.2 \ -0.3 \\ 4971 \ 644360 \ 5483050 \ 1.7 \ 0.2 \ 4972 \ 644650 \ 5483250 \ 1.9 \ 0.4 \\ 4973 \ 644940 \ 5483050 \ 1.7 \ 0.2 \ 4975 \ 645490 \ 5483250 \ 1.2 \ -0.4 \\ 4976 \ 646060 \ 5482150 \ 1.4 \ -0.2 \ 4977 \ 646590 \ 5481830 \ 1.1 \ -0.5 \\ 4978 \ 646990 \ 5482150 \ 1.4 \ -0.2 \ 4977 \ 646700 \ 5484250 \ 1.4 \ -0.1 \\ 4980 \ 643970 \ 5479100 \ 1.1 \ -0.4 \ 4981 \ 644210 \ 5478870 \ 1.5 \ -0.0 \\ 4982 \ 644630 \ 5479960 \ 1.2 \ -0.3 \ 4983 \ 675520 \ 5480370 \ 1.5 \ -0.5 \\ 4984 \ 676280 \ 5479960 \ 1.2 \ -0.3 \ 4983 \ 675520 \ 5480370 \ 1.5 \ -0.5 \\ 4986 \ 677250 \ 547910 \ 1.8 \ -1.1 \ 4987 \ 677980 \ 5479560 \ 1.3 \ -1.8 \\ 4961 \ 647210 \ 54747970 \ 2.3 \ 0.8 \ 4992 \ 663780 \ 5489620 \ 1.2 \ -1.0 \\ 4993 \ 664840 \ 5489020 \ 1.5 \ -0.7 \ 4994 \ 641580 \ 547980 \ 1.2 \ -1.0 \\ 4993 \ 664840 \ 5489020 \ 1.5 \ -0.7 \ 4994 \ 641580 \ 5473150 \ 1.3 \ -0.1 \\ 4995 \ 641210 \ 5473150 \ 1.3 \ -0.1 \ 4996 \ 641550 \ 547320 \ 1.2 \ -0.2 \\ 4999 \ 641290 \ 5474140 \ 1.4 \ -0.0 \ 5000 \ 64170 \ 5474530 \ 1.5 \ -0.1 \\ 4999 \ 5004 \ 6548100 \ 5484000 \ 0.7 \ -0.5 \ 5007 \ 654200 \ 5481450 \ 0.6 \ -0.9 \\ 5001 \ 655460 \ 5484000 \ 0.7 \ -0.5 \ 5007 \ 654200 \ 5481400 \ 0.5 \ -0.7 \\ 5008 \ 654460 \ 548400 \ 0.7 \ -0.5 \ 5007 \ 654200 \ 548140 \ 0.5 \ -0.7 \\ 5008 \ 654460 \ 548400 \ 0.7 \ -0.5 \ 5007 \ 654200 \ 548140 \ 0.5 \ -0.7 \\ 5008 \ 654460 \ 548400 \ 0.7 \ -0.5 \ 5007 \ 654200 \ 548140 \ 0.5 \ -0.7 \\ 5008 \ 654460 \ 548400 \ 0.7 \ -0.5 \ 5007 \ 654200 \ 548140 \ 0.5 \ -0.7 \\ 5008 \ 65470 \ 5484670 \ 1.2 \ -1.1 \ -0.1 \ 5009 \ 65520 \ 548140 \ 0.5 \ -0.7 \\ 5008 \ 6546450 \ 5484670 \ 1.7 \ -0.5 \ 5007 \ 656200 \ 548140 \ 0.5 \ -0.7 \ -0.5 \ 5017 \ 656260 \ 548310 \ 0.7 \ -0.5 \ 5018 \ 56520 \ 548140 \ 0.5 \ -0.7 \ -0.5 \ 5018 \ 56520 \ 548140 \ 0.5 \ -0.7 \ -0.5 \ 5018 \ 56520 \ 548510 \ 0.7 \ -0.7 \ -0.5 \ 5018 \ 566500 \ 548510 \ 0.7 \ -0.7 \ -0.5 \ 5018 \ 566500 \ 548510 \ 0.7 \ -0.7 \ -0.5 \ 5018 \ 566500 \ 548510 \ -0.7 \ -0.5 \ 5018 \ 566500 \ 5485$	4967 665840	5483900	1.4 -0.4	4968 666430	5484370	1.3 -0.5	
$\begin{array}{c} 4971 \ 644360 \ 5483050 \ 1.7 \ 0.2 \ 4972 \ 644650 \ 548250 \ 1.9 \ 0.4 \\ 4973 \ 646490 \ 5483050 \ 1.7 \ 0.2 \ 4977 \ 646590 \ 5482570 \ 1.2 \ -2.4 \\ 4978 \ 646990 \ 5482070 \ 1.4 \ -3.2 \ 4977 \ 646590 \ 5482570 \ 1.4 \ -3.5 \\ 4978 \ 646990 \ 5482070 \ 1.4 \ -3.2 \ 4977 \ 646590 \ 5482570 \ 1.4 \ -3.5 \\ 4978 \ 646990 \ 5482070 \ 1.4 \ -3.2 \ 4977 \ 646590 \ 5482570 \ 1.4 \ -3.5 \\ 4982 \ 644630 \ 5479600 \ 1.2 \ -0.3 \ 4983 \ 675520 \ 5480370 \ 1.5 \ -0.5 \\ 4982 \ 644630 \ 5479600 \ 1.2 \ -0.3 \ 4983 \ 675520 \ 5480370 \ 1.5 \ -0.5 \\ 4986 \ 677250 \ 5479210 \ 1.7 \ -1.1 \ 4987 \ 677260 \ 5479550 \ 1.3 \ -1.9 \\ -986 \ 67860 \ 5479670 \ 1.8 \ -1.3 \ 4978 \ 677450 \ 5479550 \ 1.3 \ -1.9 \\ -9786 \ 67860 \ 5479670 \ 1.8 \ -1.3 \ 4978 \ 67840 \ 548940 \ 1.6 \ -0.8 \\ 4991 \ 6482910 \ 5484760 \ 2.3 \ 0.8 \ 4992 \ 663780 \ 5489420 \ 1.2 \ -1.0 \\ -993 \ 6482910 \ 5484760 \ 2.3 \ 0.8 \ 4992 \ 641580 \ 5473220 \ 1.3 \ -0.1 \\ -997 \ 641210 \ 5473050 \ 1.5 \ -0.7 \ 4994 \ 641580 \ 5473220 \ 1.3 \ -0.1 \\ -997 \ 641270 \ 5473050 \ 1.5 \ -0.7 \ 4994 \ 641580 \ 5473220 \ 1.2 \ -0.2 \\ -999 \ 641220 \ 5473050 \ 1.5 \ 0.1 \ 4996 \ 641570 \ 5473160 \ 1.4 \ -0.8 \\ -0.8 \ -0.8 \ -0.8 \ -0.4 \ 5003 \ 654780 \ 548300 \ 0.8 \ -0.4 \\ -0.9 \ 5004 \ 655760 \ 5484000 \ 0.7 \ -0.8 \ 5003 \ 654780 \ 548300 \ 0.8 \ -0.4 \\ -0.9 \ 5004 \ 655760 \ 5484000 \ 0.7 \ -0.8 \ 5003 \ 654780 \ 5485140 \ 0.8 \ -0.4 \ -0.9 \\ 5010 \ 655760 \ 5484800 \ 0.7 \ -0.8 \ 5003 \ 654780 \ 5485140 \ 0.8 \ -0.4 \ -0.9 \ -0.4 \ -0.8 \ -0.4 \ -0.9 \ -0.4 \ -0.9 \ -0.4 \ -0.4 \ -0.8 \ -0.4 \ -0.8 \ -0.4$	4969 643350	5483170	1.3 -0.2	4970 643730	5483030	1.2 -0.3	· · ·
$\begin{array}{c} 4976 & 646 (06) & 542 (15) & 1.4 & -0.2 & 4972 & 642 (20) & 542 (20) & 1.4 & -0.5 \\ 4978 & 646 (99) & 543 (207) & 1.4 & -0.2 & 4979 & 643 (20) & 543 (280) & 1.4 & -0.5 \\ 4978 & 646 (30) & 547 (200) & 1.2 & -0.3 & 4981 & 644 (210) & 5478 (200) & 1.5 & -0.5 \\ 4982 & 644 (30) & 547 (200) & 1.2 & -0.3 & 4983 & 675 (25) & 548 (037) & 1.5 & -0.5 \\ 4984 & 676 (280) & 547 (200) & 1.2 & -0.3 & 4983 & 675 (25) & 547 (250) & 1.3 & -1.3 \\ 4986 & 673 (56) & 547 (201) & 1.7 & -1.1 & 4985 & 676 (750) & 547 (256) & 1.3 & -1.3 \\ 4986 & 673 (56) & 547 (201) & 1.8 & -1.3 & 4989 & 676 (48) & 548 (201) & 1.2 & -1.0 \\ 4993 & 664 (201) & 548 (201) & 1.8 & -1.3 & 4989 & 676 (48) & 548 (201) & 1.2 & -1.0 \\ 4993 & 664 (201) & 548 (201) & 1.3 & -1.3 & 4989 & 676 (48) & 548 (201) & 1.2 & -1.4 \\ 4993 & 664 (201) & 548 (201) & 1.3 & -0.1 & 4994 & 641 (580) & 547 (350) & 1.3 & -0.1 \\ 4997 & 641 (201) & 547 (350) & 1.3 & -0.1 & 4994 & 641 (580) & 547 (350) & 1.3 & -0.1 \\ 4997 & 641 (201) & 547 (350) & 1.3 & -0.1 & 4998 & 641 (550) & 547 (350) & 1.3 & -0.1 \\ 4997 & 641 (201) & 547 (350) & 1.3 & -0.1 & 5003 & 654 (750) & 547 (350) & 1.5 & 0.1 \\ 4999 & 641 (201) & 547 (350) & 1.3 & -0.1 & 5003 & 654 (750) & 548 (201) & 0.5 & -0.7 \\ 5004 & 654 (540) & 548 (201) & 1.2 & -0.1 & 5003 & 654 (750) & 548 (201) & 0.5 & -0.7 \\ 5005 & 654 (400) & 548 (201) & 1.2 & -0.1 & 5011 & 656 (201) & 548 (201) & 0.5 & -0.7 \\ 5010 & 655 (720) & 548 (520) & 1.2 & -0.1 & 5011 & 656 (202) & 548 (570) & 0.8 & -0.5 \\ 5012 & 665 (55) & 548 (520) & 1.2 & -0.1 & 5011 & 656 (202) & 548 (570) & 0.8 & -0.5 \\ 5012 & 665 (55) & 548 (520) & 1.2 & -0.1 & 5011 & 656 (202) & 548 (570) & 0.8 & -0.5 \\ 5012 & 656 (554 (56) (760) & 1.2 & -1.1 & 5013 & 666 (502) & 548 (570) & 0.8 & -0.5 \\ 5012 & 667 (70) & 548 (520) & 1.2 & -0.1 & 5012 & 648 (580) & 1.4 & -1.3 \\ 5022 & 668 (205) & 548 (570) & 1.2 & -1.1 & 5012 & 648 (580) & 548 (580) & 1.4 & -0.2 \\ 5014 & 667 (500) & 546 (540) & 1.5 & -0.9 & 5026 & 688 (500) & 2.6 & -2.1 \\ 5014 & 667 (500) & 546 (540) & 1.3 & -0.4 & 5026 & 688 (500$	4971 644360	5483050	1.7 0.2	4972 644650	5483250	1.9 0.4	
$\begin{array}{c} 1.75 \\ 4978 \\ 546990 \\ 5482070 \\ 547910 \\ 5482070 \\ 547910 \\ 547910 \\ 5482070 \\ 547910 \\ 54770 \\ 548510 \\ 54791 \\ 54770 \\ 548510 \\ 54770 \\ 548510 \\ 54770 \\ 548520 \\ 54770 \\ 548520 \\ 54770 \\ 548520 \\ 54770 \\ 548520 \\ 54770 \\ 548520 \\ 54770 \\ 548520 \\ 54770 \\ 548520 \\ 54770 \\ 548520 \\ 54770 \\ 548540 \\ 54770 \\ 548500 \\ 54770 \\ 548500 \\ 54770 \\ 548500 \\ 54770 \\ 548500 \\ 54770 \\ 548500 \\ 54770 \\ 548500 \\ 54770 \\ 548500 \\ 54770 \\ 548500 \\ 54770 \\ 548500 \\ 54770 \\ 548500 \\ 54770 \\ 548500 \\ 54770 \\ 548500 \\ 54770 \\ 548500 \\ 54770 \\ 548500 \\ 54770 \\ 548500 \\ 54770 \\ 548500 \\ 54770 \\ 548500 \\ 54770 \\ 548500 \\ 54770 \\ 548500 \\ 54770 \\ 54770 \\ 54770 \\ 54770 \\ 54770 \\ 54770 \\ 54770 \\ 54770 \\ 54770 \\ 54770 \\ 54770 \\ 5477$	4975 644940	5482150	$\frac{1 \cdot 1}{1 \cdot 4} = 0 \cdot 2$	4977 646590	5481880	1.1 -0.5	
$ \begin{array}{c} 4980 \ 643970 \ 5479100 \ 1.1 \ -0.4 \ 4981 \ 644210 \ 5478870 \ 1.5 \ 0.0 \\ 4982 \ 644630 \ 5479603 \ 1.2 \ -0.3 \ 4983 \ 675520 \ 5480370 \ 1.5 \ -0.5 \\ 4984 \ 676280 \ 5479580 \ 1.7 \ -1.1 \ 4985 \ 676750 \ 5479630 \ 1.9 \ -0.9 \\ 4986 \ 677250 \ 5479210 \ 1.7 \ -1.1 \ 4987 \ 677280 \ 5479560 \ 1.3 \ -1.8 \\ 4991 \ 648910 \ 5484760 \ 2.3 \ 0.8 \ 4992 \ 663780 \ 5489620 \ 1.2 \ -1.0 \\ 4993 \ 664840 \ 5489020 \ 1.5 \ -0.7 \ 4994 \ 641580 \ 5472820 \ 1.3 \ -0.1 \\ 4993 \ 664840 \ 5489020 \ 1.5 \ -0.7 \ 4994 \ 641580 \ 5473820 \ 1.3 \ -0.1 \\ 4993 \ 664840 \ 5489020 \ 1.3 \ -0.1 \ 4992 \ 641550 \ 5473920 \ 1.2 \ -0.2 \\ 4993 \ 664840 \ 5489020 \ 1.3 \ -0.1 \ 4992 \ 641550 \ 5473920 \ 1.2 \ -0.2 \\ 4999 \ 641620 \ 547350 \ 1.3 \ -0.1 \ 4998 \ 641550 \ 5473920 \ 1.2 \ -0.2 \\ 4999 \ 641620 \ 5474140 \ 1.4 \ -0.0 \ 5000 \ 641770 \ 5474530 \ 1.5 \ 0.1 \\ 4997 \ 5046 \ 55460 \ 5481900 \ 0.8 \ -0.4 \ 5003 \ 655260 \ 5481450 \ 0.6 \ -0.9 \\ 5004 \ 655460 \ 5484000 \ 0.7 \ -0.8 \ 5905 \ 655260 \ 5481450 \ 0.6 \ -0.9 \\ 5004 \ 655460 \ 5484000 \ 0.7 \ -0.8 \ 5905 \ 655260 \ 5485100 \ 0.9 \ -0.4 \\ 5008 \ 65470 \ 5484820 \ 1.1 \ -0.1 \ 5009 \ 655280 \ 5485100 \ 0.9 \ -0.4 \\ 5010 \ 655720 \ 5485200 \ 1.2 \ -0.1 \ 5011 \ 656200 \ 5485100 \ 0.9 \ -0.4 \\ 5010 \ 655720 \ 5485200 \ 1.2 \ -0.1 \ 5011 \ 656200 \ 5485100 \ 0.9 \ -0.4 \\ 5012 \ 655760 \ 5485200 \ 1.2 \ -0.1 \ 5011 \ 656200 \ 5485100 \ 0.9 \ -0.4 \\ 5012 \ 655600 \ 548520 \ 1.2 \ -0.1 \ 5011 \ 656200 \ 5485100 \ 0.9 \ -0.4 \\ 5014 \ 56260 \ 5486700 \ 1.2 \ -1.1 \ 5015 \ 666920 \ 5486270 \ 1.7 \ -0.6 \\ 5015 \ 638510 \ 5465820 \ 1.3 \ -1.1 \ 5015 \ 5666920 \ 548630 \ 1.1 \ -0.2 \\ 5021 \ 568760 \ 5485800 \ 1.3 \ -1.1 \ -0.2 \\ 5022 \ 668760 \ 5486500 \ 1.4 \ -0.3 \ 5024 \ 667630 \ 5486630 \ 1.1 \ -0.2 \\ 5023 \ 66770 \ 5485800 \ 1.3 \ -1.4 \ 5022 \ 559360 \ 548560 \ 1.3 \ -1.1 \ -0.2 \\ 5021 \ 568760 \ 548580 \ 1.3 \ -1.1 \ -0.2 \ 5024 \ 5686630 \ 1.4 \ -0.3 \ 5026 \ 568580 \ 1.3 \ -1.1 \ -0.2 \ 5022 \ 5686700 \ 5485600 \ 1.4 \ -0.3 \ 5026 \ 5685600 \ 1.4 \ -0.3 \ 5026 \ 568560$	4978 646990	5482070	1.4 - 0.2	4979 648700	5484250	1.4 - 0.1	
$\begin{array}{c} 4982 \ 644630 \ 5479050 \ 1.2 \ -0.3 \ 4983 \ 675520 \ 5480370 \ 1.5 \ -0.5 \\ 4984 \ 676280 \ 5479610 \ 1.7 \ -1.1 \ 4985 \ 676750 \ 5479630 \ 1.7 \ -0.9 \\ 4986 \ 677250 \ 5479210 \ 1.7 \ -1.1 \ 4987 \ 677980 \ 547950 \ 1.3 \ -1.8 \\ 4986 \ 677860 \ 5489020 \ 1.8 \ -1.3 \ 4987 \ 677980 \ 548964040 \ 1.6 \ -0.8 \\ 4991 \ 648910 \ 5484760 \ 2.3 \ 0.8 \ 4992 \ 663780 \ 5489620 \ 1.2 \ -1.0 \\ 4993 \ 664640 \ 5489020 \ 1.3 \ -0.1 \ 4996 \ 641580 \ 5472820 \ 1.3 \ -0.1 \\ 4995 \ 641210 \ 5473050 \ 1.3 \ -0.1 \ 4996 \ 641580 \ 5473920 \ 1.2 \ -0.1 \\ 4995 \ 641210 \ 5473050 \ 1.3 \ -0.1 \ 4996 \ 641580 \ 5473920 \ 1.2 \ -0.2 \\ 4999 \ 64120 \ 547350 \ 1.5 \ 0.1 \ 4996 \ 641580 \ 5473920 \ 1.2 \ -0.2 \\ 4999 \ 64120 \ 547350 \ 1.5 \ 0.1 \ 4996 \ 641580 \ 5473920 \ 1.2 \ -0.2 \\ 4999 \ 64120 \ 547414 \ 1.4 \ -0.0 \ 5000 \ 64170 \ 547450 \ 1.5 \ 0.1 \\ 5001 \ 65560 \ 5484000 \ 0.7 \ -0.8 \ 5005 \ 655360 \ 5483030 \ 0.8 \ -0.4 \\ 5005 \ 65460 \ 5484000 \ 0.7 \ -0.8 \ 5005 \ 655360 \ 5485100 \ 0.9 \ -0.4 \\ 5006 \ 65460 \ 5484000 \ 0.7 \ -0.5 \ 5007 \ 655280 \ 5485100 \ 0.9 \ -0.4 \\ 5006 \ 65460 \ 5484020 \ 1.2 \ -0.1 \ 5011 \ 656020 \ 5485100 \ 0.9 \ -0.4 \\ 5016 \ 655520 \ 5468220 \ 1.2 \ -0.1 \ 5011 \ 55020 \ 5485100 \ 0.9 \ -0.4 \\ 5012 \ 665550 \ 5486700 \ 1.2 \ -0.1 \ 5013 \ 656620 \ 5486590 \ 0.8 \ -0.4 \\ 5012 \ 665550 \ 5486700 \ 1.2 \ -0.1 \ 5013 \ 656620 \ 5486510 \ 1.3 \ -1.3 \ -0.4 \\ 5012 \ 665550 \ 5486700 \ 1.2 \ -0.1 \ 5013 \ 656620 \ 548650 \ 1.1 \ -0.4 \\ 5012 \ 662550 \ 5486700 \ 1.2 \ -1.1 \ 5015 \ 666920 \ 548650 \ 1.1 \ -0.4 \\ 5021 \ 65670 \ 5485820 \ 1.7 \ -0.4 \ 5022 \ 548560 \ 1.4 \ -0.4 \\ 5021 \ 5668550 \ 1.3 \ -1.1 \ 5024 \ 567850 \ 1.4 \ -0.4 \\ 5021 \ 567850 \ 1.4 \ -0.4 \ 5022 \ 548580 \ 1.1 \ -0.4 \ 5027 \ 548550 \ 1.4 \ -0.4 \ -0.4 \ 5027 \ 548560 \ 1.4 \ -0.4 \ -0.4 \ 5027 \ 548560 \ 1.4 \ -0.4 \ -0.4 \ 5027 \ 548560 \ 1.4 \ -0.4 \ -0.4 \ 5027 \ 548560 \ 1.4 \ -0.4 \ -0.4 \ 5027 \ 548560 \ 1.4 \ -0.4 \ -0.4 \ 5027 \ 548560 \ 1.4 \ -0.4 \ -0.4 \ 5027 \ 548560 \ 1.4 \ -0.4 \ -0.4 \ 5027 \ 548560 \ 1.$	<u>, 4980 643970</u>	5479100	1.1 -0.4	4981 644210	5478870	1.5 0.0	
$\begin{array}{c} 4764 \ 616230 \ 547730 \ 1.7 \ -1.1 \ 4783 \ 617730 \ 5479550 \ 1.3 \ -1.8 \\ 4768 \ 677260 \ 5479550 \ 1.3 \ -1.8 \\ 4768 \ 673860 \ 5479670 \ 1.8 \ -1.3 \ 4989 \ 678480 \ 548040 \ 1.6 \ -0.8 \\ 4991 \ 648910 \ 5484760 \ 2.3 \ 0.8 \ 4992 \ 663780 \ 5489620 \ 1.2 \ -1.0 \\ 4993 \ 664840 \ 5489020 \ 1.5 \ -0.7 \ 4994 \ 641580 \ 5472820 \ 1.3 \ -0.1 \\ 4995 \ 641620 \ 5473050 \ 1.3 \ -0.1 \ 4996 \ 641940 \ 5473150 \ 1.3 \ -0.1 \\ 4997 \ 641620 \ 5473050 \ 1.3 \ -0.1 \ 4998 \ 641550 \ 5473920 \ 1.2 \ -0.2 \\ 4999 \ 641620 \ 5473050 \ 1.3 \ -0.1 \ 4998 \ 641550 \ 5473920 \ 1.2 \ -0.2 \\ 4999 \ 641620 \ 5474140 \ 1.4 \ -0.0 \ 5000 \ 641770 \ 5474530 \ 1.5 \ 0.1 \\ 4997 \ 641620 \ 5474140 \ 0.8 \ -0.4 \ 5003 \ 554780 \ 5481450 \ 0.6 \ -0.9 \\ 5001 \ 65560 \ 548190 \ 0.8 \ -0.4 \ 5003 \ 554780 \ 5481450 \ 0.6 \ -0.9 \\ 5004 \ 654810 \ 5432310 \ 0.7 \ -0.5 \ 5007 \ 654200 \ 5485100 \ 0.9 \ -0.4 \\ 5006 \ 654840 \ 0.8 \ -0.4 \ 5003 \ 555280 \ 5485100 \ 0.9 \ -0.4 \\ 5006 \ 654840 \ 0.8 \ -0.4 \ 5001 \ 655280 \ 5485100 \ 0.9 \ -0.4 \\ 5010 \ 65570 \ 5484820 \ 1.1 \ -0.1 \ 5009 \ 655280 \ 5485100 \ 0.9 \ -0.4 \\ 5010 \ 65570 \ 5484820 \ 1.2 \ -0.1 \ 5011 \ 65620 \ 548510 \ 0.9 \ -0.4 \\ 5012 \ 65570 \ 5485200 \ 1.2 \ -0.1 \ 5011 \ 56200 \ 5485570 \ 0.8 \ -0.5 \\ 5012 \ 665650 \ 5483210 \ 1.2 \ -0.1 \ 5015 \ 666920 \ 5485270 \ 1.7 \ -0.6 \\ 5015 \ 638510 \ 546510 \ 1.2 \ -1.1 \ 5015 \ 666920 \ 548520 \ 1.1 \ -0.2 \\ 5021 \ 65550 \ 548520 \ 1.2 \ -1.1 \ 5015 \ 5026 \ 548520 \ 1.1 \ -0.2 \\ 5022 \ 667070 \ 546510 \ 1.5 \ -2.5 \ -2.6 \ -2.1 \\ 5019 \ 5027 \ 548580 \ 1.3 \ -1.1 \ -0.2 \\ 5022 \ 667070 \ 546510 \ 1.5 \ -0.5$	4982 644630	5479060	1.2 -0.3	4983 675520	5480370	1.5 - 0.5	· ·
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	4986 677250	5479210	$1 \cdot 7 - 1 \cdot 1$	4987 677980	5479560	1.3 - 1.8	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	4988 678860	5479670	1.8 -1.3	4989 678480	5480440	1.6 -0.8	an a
$\begin{array}{c} 4993 \ 664840 \ 5489020 \ 1.5 \ -0.7 \ 4994 \ 641980 \ 5472820 \ 1.3 \ -0.1 \\ 4995 \ 641210 \ 5473050 \ 1.3 \ -0.1 \ 4996 \ 641940 \ 5473160 \ 1.3 \ -0.1 \\ 4996 \ 641220 \ 5473580 \ 1.5 \ 0.1 \ 4996 \ 641550 \ 5473920 \ 1.2 \ -0.2 \\ 4999 \ 641220 \ 5473180 \ 1.5 \ 0.1 \ 4996 \ 641550 \ 5473920 \ 1.2 \ -0.2 \\ 4999 \ 641220 \ 5473180 \ 0.8 \ -0.4 \ 5003 \ 654780 \ 5481450 \ 0.6 \ -0.9 \\ 5001 \ 655660 \ 5481900 \ 0.8 \ -0.4 \ 5003 \ 654780 \ 5481450 \ 0.6 \ -0.9 \\ 5004 \ 654810 \ 5432310 \ 0.7 \ -0.8 \ 5905 \ 655260 \ 5483330 \ 0.8 \ -0.4 \\ 5005 \ 654460 \ 5484000 \ 0.7 \ -0.8 \ 5905 \ 655260 \ 5483100 \ 0.5 \ -0.7 \\ 5008 \ 654770 \ 5484820 \ 1.1 \ -0.1 \ 5007 \ 655280 \ 5485100 \ 0.9 \ -0.4 \\ 5010 \ 655720 \ 5485200 \ 1.2 \ -0.1 \ 5011 \ 656020 \ 5485570 \ 0.8 \ -0.5 \\ 5012 \ 665650 \ 5485200 \ 1.2 \ -0.1 \ 5011 \ 656020 \ 5485570 \ 0.8 \ -0.5 \\ 5012 \ 665650 \ 5485200 \ 1.2 \ -0.1 \ 5013 \ 665600 \ 5485100 \ 1.3 \ -1.3 \\ 5014 \ 666260 \ 54854070 \ 1.2 \ -1.1 \ 5015 \ 6662620 \ 5485670 \ 1.3 \ -1.3 \ -0.6 \\ 5015 \ 638510 \ 546510 \ 2.5 \ -2.2 \ 5017 \ 639560 \ 546500 \ 1.4 \ -0.6 \\ 5015 \ 638510 \ 546540 \ 3.0 \ -1.9 \ 5022 \ 659360 \ 5486630 \ 1.1 \ -0.6 \\ 5015 \ 638510 \ 546510 \ 3.0 \ -1.9 \ 5022 \ 659360 \ 5486630 \ 1.1 \ -0.2 \\ 5021 \ 656540 \ 5485820 \ 1.7 \ 0.4 \ 5022 \ 659360 \ 5486630 \ 1.1 \ -0.2 \\ 5022 \ 668250 \ 5485580 \ 1.3 \ -1.1 \ -0.2 \\ 5023 \ 66770 \ 5485580 \ 1.8 \ -0.5 \ 5024 \ 687200 \ 5467650 \ 4.2 \ -0.8 \\ 5027 \ 687840 \ 5467000 \ 3.7 \ -1 \ 0 \ 5028 \ 688520 \ 5467180 \ 14.0 \ 9.3 \\ 5029 \ 689330 \ 5467120 \ 12.6 \ 7.9 \ 5030 \ 68930 \ 5465630 \ 1.4 \ -0.8 \\ 5033 \ 667870 \ 5485650 \ 1.4 \ -0.8 \\ 5033 \ 667870 \ 5485650 \ 1.4 \ -0.8 \\ 5034 \ 669270 \ 5485650 \ 1.4 \ -0.8 \\ 5034 \ 669270 \ 5485650 \ 1.4 \ -0.8 \\ 5034 \ 669270 \ 5485650 \ 1.4 \ -0.8 \\ 5034 \ 669270 \ 5485650 \ 1.4 \ -0.8 \\ 5034 \ 669270 \ 5485650 \ 1.4 \ -0.8 \\ 5034 \ 669270 \ 5485650 \ 1.4 \ -0.8 \\ 5034 \ 669270 \ 5485650 \ 1.4 \ -0.8 \\ 5034 \ 669270 \ 5485650 \ 1.4 \ -0.8 \\ 5044 \ 678300 \ 5485650 \ 1.4 \ -0.8 \ 50$	4991 648910	5484760	2.3 0.8	4992 663780	5489620	1.2 -1.0	
$\begin{array}{c} 4995 \ 641210 \ 9473590 \ 1.5 \ -9.1 \ 4996 \ 641250 \ 5473920 \ 1.2 \ -0.2 \ -9.4 \ -999 \ 641290 \ 5474140 \ 1.4 \ -0.0 \ 5000 \ 641770 \ 5474530 \ 1.5 \ 0.1 \ -998 \ 641550 \ 5473920 \ 1.2 \ -0.2 \ -999 \ 641290 \ 5474140 \ 1.4 \ -0.0 \ 5000 \ 641770 \ 5474530 \ 1.5 \ 0.1 \ -998 \ -9481450 \ 0.6 \ -0.9 \ -998 \ -9481450 \ 0.6 \ -0.9 \ -998 \ -9481450 \ 0.6 \ -0.9 \ -998 \ -9481450 \ 0.5 \ -0.7 \ -998 \ -9481450 \ 0.5 \ -0.7 \ -998 \ -9481450 \ 0.5 \ -0.7 \ -998 \ -9481450 \ 0.5 \ -0.7 \ -998 \ -998 \ -9481450 \ 0.5 \ -0.7 \ -998 \ -9484100 \ 0.5 \ -0.7 \ -998 \ -9484100 \ 0.5 \ -0.7 \ -998 \ -9484100 \ 0.5 \ -0.7 \ -998 \ -998 \ -9484100 \ 0.5 \ -0.7 \ -998 \ -99$	4993 664840	5489020	1.5 -0.7	4994 641580	5472820	1.3 - 0.1	
$\begin{array}{c} 4999 \ 641290 \ 5474140 \ 1.4 \ -0.0 \ 5000 \ 641770 \ 5474530 \ 1.5 \ 0.1 \\ 5001 \ 655060 \ 5481900 \ 0.8 \ -0.4 \ 5003 \ 654780 \ 5481450 \ 0.6 \ -0.9 \\ 5004 \ 654810 \ 5482310 \ 0.7 \ -0.8 \ 5005 \ 655060 \ 5483030 \ 0.8 \ -0.4 \\ 5005 \ 654460 \ 5484000 \ 0.7 \ -0.5 \ 5007 \ 654200 \ 5484100 \ 0.5 \ -0.7 \\ 5008 \ 654570 \ 5484820 \ 1.1 \ -0.1 \ 5009 \ 655280 \ 5485100 \ 0.9 \ -0.4 \\ 5010 \ 655720 \ 5485200 \ 1.2 \ -0.1 \ 5011 \ 656020 \ 5485590 \ 0.8 \ -0.5 \\ 5012 \ 665650 \ 5485200 \ 1.2 \ -0.1 \ 5011 \ 656020 \ 5485590 \ 0.8 \ -0.5 \\ 5012 \ 665650 \ 5485200 \ 1.2 \ -0.1 \ 5011 \ 656020 \ 5485590 \ 0.8 \ -0.5 \\ 5012 \ 665650 \ 5485200 \ 1.2 \ -0.1 \ 5011 \ 656620 \ 5485590 \ 0.8 \ -0.5 \\ 5012 \ 666260 \ 5486790 \ 1.2 \ -1.1 \ 5015 \ 666920 \ 5486270 \ 1.7 \ -0.6 \\ 5015 \ 638510 \ 5465140 \ 2.5 \ -2.2 \ 5017 \ 639560 \ 5486270 \ 1.7 \ -0.6 \\ 5015 \ 638510 \ 5465140 \ 2.5 \ -2.2 \ 5017 \ 639560 \ 5486500 \ 1.1 \ -0.6 \\ 5015 \ 638510 \ 5465140 \ 2.5 \ -2.2 \ 5017 \ 639560 \ 548650 \ 1.1 \ -0.6 \\ 5015 \ 638510 \ 5465140 \ 1.5 \ -0.3 \ 5022 \ 656360 \ 548650 \ 1.1 \ -0.2 \\ 5023 \ 667070 \ 5485520 \ 1.5 \ -0.3 \ 5024 \ 657630 \ 5485580 \ 1.3 \ -1.1 \\ 5025 \ 668250 \ 5435920 \ 1.8 \ -0.6 \ 5026 \ 687200 \ 5467630 \ 4.2 \ -0.8 \\ 5027 \ 687840 \ 5467000 \ 3.7 \ -1.0 \ 5028 \ 688520 \ 5467630 \ 4.2 \ -0.8 \\ 5026 \ 687200 \ 546530 \ 2.0 \ -2.7 \\ 5031 \ 650590 \ 5465530 \ 2.3 \ -2.6 \ 5032 \ 665590 \ 5485630 \ 1.6 \ -0.8 \\ 5036 \ 669270 \ 5485640 \ 1.0 \ -1.4 \ 5037 \ 670370 \ 5485630 \ 1.6 \ -0.8 \\ 5036 \ 669270 \ 5485640 \ 1.0 \ -1.4 \ 5037 \ 670370 \ 5485630 \ 1.4 \ -0.3 \\ 5036 \ 669270 \ 5485640 \ 1.4 \ -0.3 \ 5041 \ 673730 \ 5485500 \ 1.4 \ -0.3 \\ 5036 \ 669270 \ 5485640 \ 1.4 \ -0.3 \ 5041 \ 673730 \ 5485630 \ 1.4 \ -0.3 \\ 5044 \ 678300 \ 5485640 \ 1.4 \ -0.3 \ 5041 \ 673730 \ 5485630 \ 1.4 \ -0.3 \\ 5044 \ 678300 \ 5485500 \ 1.4 \ -0.7 \\ 5044 \ 678300 \ 5485590 \ 2.5 \ -1 \ 5043 \ 673730 \ 5485630 \ 1.4 \ -0.7 \\ 5046 \ 678300 \ 5485590 \ 2.5 \ -1 \ 5043 \ 673310 \ 5485800 \ 1.7 \ -0.7 \\ 5046 \ 678300 \ 548$	4997 641210	5473580	1.5 - 0.1	4998 641550	5473920	1+2 -0+2	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	4999 641290	547414)	1.4 -0.0	5030 641770	5474530	1.5 0.1	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	5001 655060	5481900	0.8 -0.4	5003 654780	5481450	0.6 -0.9	
$\begin{array}{c} 5005 \ 654760 \ 548400 \ 0.7 \ -0.5 \ 5017 \ 55280 \ 54810 \ 0.7 \ -0.5 \ 5009 \ 655280 \ 54810 \ 0.9 \ -0.4 \ 5010 \ 655720 \ 5485200 \ 1.2 \ -0.1 \ 5011 \ 656020 \ 5485590 \ 0.8 \ -0.5 \ 5012 \ 65650 \ 546520 \ 546520 \ 1.2 \ -0.1 \ 5011 \ 656020 \ 5485590 \ 0.8 \ -0.5 \ 5012 \ 65650 \ 546520 \ 546520 \ 1.2 \ -0.1 \ 5011 \ 656020 \ 5485200 \ 1.3 \ -1.9 \ 5014 \ 566260 \ 548520 \ 1.3 \ -1.9 \ 5015 \ 666920 \ 5486270 \ 1.7 \ -0.6 \ 5015 \ 638510 \ 5465140 \ 2.5 \ -2.2 \ 5017 \ 639560 \ 5465060 \ 2.6 \ -2.1 \ 5019 \ 590370 \ 5465000 \ 3.0 \ -1.9 \ 5020 \ 691300 \ 5464650 \ 7.1 \ 2.7 \ 5021 \ 656540 \ 5485820 \ 1.7 \ 0.4 \ 5022 \ 556360 \ 5486630 \ 1.1 \ -0.2 \ 5023 \ 667070 \ 5485520 \ 1.8 \ -0.8 \ 5026 \ 687200 \ 5465630 \ 1.4 \ -0.8 \ 5026 \ 687200 \ 5467630 \ 14.0 \ 9.3 \ 5027 \ 687840 \ 5485920 \ 1.8 \ -0.6 \ 5026 \ 687200 \ 5467630 \ 14.0 \ 9.3 \ 5027 \ 687840 \ 5467000 \ 3.7 \ -1.0 \ 5028 \ 688520 \ 5467630 \ 14.0 \ 9.3 \ -2.7 \ 5031 \ 650590 \ 5465530 \ 2.0 \ -2.7 \ 5031 \ 650590 \ 5465530 \ 2.0 \ -2.7 \ 5030 \ 668250 \ 5485630 \ 1.4 \ -0.8 \ 5032 \ 5466850 \ 2.0 \ -2.7 \ -0.8 \ 5032 \ 5466850 \ 2.0 \ -2.7 \ -0.8 \ 5032 \ 5466850 \ 2.0 \ -2.7 \ -0.8 \ 5032 \ 5466850 \ 2.0 \ -2.7 \ -0.8 \ 5032 \ 5466850 \ 2.0 \ -2.7 \ -0.8 \ 5032 \ 5466850 \ 2.0 \ -2.7 \ -0.8 \ 5032 \ 5466850 \ 2.0 \ -2.7 \ -0.8 \ -$	5004 654810	5432310	0.7 - 0.8	5005 655060	5483030	$\frac{0.8 - 0.4}{0.5 - 0.7}$	
$\begin{array}{c} 5010 & 655720 & 5485200 & 1.2 & -0.1 & 5011 & 656020 & 5485590 & 0.8 & -0.5 \\ 5012 & 665650 & 5483210 & 1.3 & -1.5 & 5013 & 665602 & 5486270 & 1.7 & -0.6 \\ 5014 & 566260 & 5486790 & 1.2 & -1.1 & 5015 & 666920 & 5486270 & 1.7 & -0.6 \\ 5015 & 638510 & 5465140 & 2.5 & -2.2 & 5017 & 639560 & 5465060 & 2.6 & -2.1 \\ 5019 & 590370 & 5465000 & 3.0 & -1.9 & 5020 & 691300 & 5464850 & 7.1 & 2.7 \\ 5021 & 656540 & 5485820 & 1.7 & 0.4 & 5022 & 656360 & 5486630 & 1.1 & -0.2 \\ 5023 & 667070 & 5485010 & 1.5 & -0.9 & 5024 & 667680 & 5485580 & 1.3 & -1.1 \\ 5025 & 668250 & 5485920 & 1.8 & -0.6 & 5026 & 687200 & 5467050 & 4.2 & -0.8 \\ 5027 & 687840 & 5467000 & 3.7 & -1.0 & 5028 & 688620 & 5467180 & 14.0 & 9.3 \\ 5029 & 689330 & 5467120 & 12.6 & 7.9 & 5030 & 689930 & 5466850 & 2.0 & -2.7 \\ 5031 & 660590 & 5465530 & 2.3 & -2.6 & 5032 & 554980 & 5477830 & 15.6 & 14.3 \\ 5033 & 667870 & 5485460 & 1.0 & -1.4 & 5037 & 670370 & 5485630 & 1.6 & -0.8 \\ 5036 & 669270 & 5485460 & 1.0 & -1.4 & 5037 & 670370 & 548500 & 1.4 & -0.3 \\ 5036 & 669270 & 5485460 & 1.0 & -1.4 & 5039 & 671380 & 5483500 & 1.4 & -0.3 \\ 5040 & 671800 & 5482540 & 1.4 & -0.3 & 5041 & 67230 & 5483500 & 1.4 & -0.3 \\ 5044 & 678300 & 5480590 & 2.5 & 0.1 & 5043 & 67370 & 5483500 & 1.2 & -0.4 \\ 5044 & 678300 & 5480590 & 2.5 & 0.1 & 5043 & 67370 & 548020 & 1.7 & -0.7 \\ 5046 & 681940 & 5471830 & 2.3 & -0.3 & 5047 & 682050 & 1.7 & -0.7 \\ 5046 & 681940 & 5471830 & 2.3 & -0.3 & 5047 & 682050 & 1.7 & -0.7 \\ 5046 & 681940 & 5471830 & 2.3 & -0.3 & 5047 & 682050 & 1.7 & -0.7 \\ 5046 & 681940 & 5471830 & 2.3 & -0.3 & 5047 & 682050 & 1.7 & -0.7 \\ 5046 & 681940 & 5471830 & 2.3 & -0.3 & 5047 & 682050 & 1.7 & -0.7 \\ 5046 & 681940 & 5471830 & 3.3 & -0.3 & 5047 & 682050 & 1.7 & -0.7 \\ 5046 & 681940 & 5471830 & 3.3 & -0.3 & 5047 & 682050 & 5472630 & 2.3 & -0.5 \\ \end{array}$	5008 654570 5008 654570	5484823		5009 455280	5485100	0.9 - 0.4	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	5010 655720	5485200	1.2 -0.1	5011 656020	5485590	0.8 -0.5	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	5012 665650	5488210	1.3 -1.5	5013 665600	5487310	1.3 -1.0	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	5014 666260	5486790	1.2 -1.1	5015 666920	5486270	1.7 - 0.6	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	5015 636510	5465000	3.0 -1.9	5020 691300	5464850	7.1 2.7	-
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	5021 656540	5485820	1.7 0.4	5022 656360	5486630	1.1 - 0.2	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	5023 667070	5485010	1.5 -0.9	5024 667680	5485580	1.3 -1.1	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	5025 668250	5435920	$\frac{1.8 - 0.5}{3.7 - 1.0}$	5028 687200	5467050	4.2 -0.8	e a der formen sin an son an
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	5029 689330	5467120	12.6 7.9	5030 689930	5466850	2.0 -2.7	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	- 5031 650590	5465530	2.3 -2.6	5032 654980	5477830	15.6 14.3	
$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	5033 667870	5486450	1.2 -1.2	5035 668590	5485630	1.6 -0.8	
$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	5036 669270	5485460	1.0 - 1.4	5037 670370	5485050	1.1 - 1.0	
$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	5038 670310	<u>-2464400</u> 5482543	1.4 - 0.3	5041 672230	5481570	1.3 -0.2	
5044 678300 5480590 2.5 0.1 5045 678310 5480820 1.7 -0.7 5046 681940 5471830 3.3 -0.3 5047 682060 5472630 2.3 -0.5	5042 673170	5480800	1.1 -0.5	5043 673730	5480850	1.2 - 7.4	
5046 681940 5471830 3.3 -0.3 5047 682060 5472630 2.3 -0.5	5044 678300	5480590	2.5 0.1	5045 678310	5480820	1.7 - 0.7	
	5046 681940	5471830	3.3 -0.3	5047 682 360	5472630	2.3 - 9.5	
5051 683620 5473223 2.3 -0.9 5052 684350 5473430 2.2 -1.0	5051 683620 5051 683620	5473223	2.3 -0.9	5052 684350	5473430	2.3 - 0.9 2.2 - 1.0	
5053 684860 5474040 2.6 -0.5 5054 684980 5474840 4.8 1.6	5053 684860	5474040	2.6 -0.5	5054 684980	5474840	4.8 1.6	
5055 647340 5482040 1.3 -0.3 5056 654350 5477610 4.3 2.0	5055 647340	5482040	1.3 -0.3	5056 654350	5477610	4.3 2.0	

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	PRINIC	GEOCHEMIS	TRY URE	SIDUALS LIS	T PAG	E 52	
	SAMPLE EAST	NCRTH	UCRURS	SAMPLE EAST	NORTH	UCRURS	
	5057 653570	5478110	2.5 0.2	5058 652660	5478080	1.5 -0.8	
1	5059 652630	5478430	2.1 -0.2	5050 652000	5478190	2.9 1.0	
	5061 651260	547872)	1.7 -0.2	5052 651870	5478030	1.4 -0.5	
	5063 651370	5478420	1.6 -0.3	5054 656210	5481070	0.5 - 0.7	
 .	5065 647520	5482140	3.9 2.3	<u>5057 648349</u> 5060 648970	5483060	$\frac{4 \cdot 1}{1 \cdot 1} = \frac{2 \cdot 3}{4}$	
	5070 648240	5483460	3.3 1.8	5071 648830	5483600	1.3 -0.2	
	5072 649020	5484130	1.4 -0.1	5073 648410	5484420	2.2 0.7	
	5074 648910	5484280	1.7 0.2	5075 666640	5506560	1.3 -0.4	
	5076 650900	5479170	1.5 -0.4	5077 650690	5479100	1.4 -0.5	
A 1410	5078 650550	5479630	3.0 1.1	5079 650770	5479880	1.4 - 0.5	a an
	5080 651260	5480980	1.3 -0.3	5081 551140	5481050	$1 \cdot 3 = 0 \cdot 3$	
•	5085 650690	5482040	0.9 - 0.1	<u>5084 6510850</u>	5483970	1.3 - 0.0	
١	5087 686120	547 1020	2.3 -1.8	5088 686090	5471090	2.3 -1.8	
	5089 686230	5470730	2.0 -2.1	5090 686340	5471920	3.3 -0.8	
	5091 686740	5473210	2.8 -1.0	5092 686480	5473780	4.8 1.0	
	5093 686600	5474490	3.2 -0.5	5094 686430	5475390	2.3 -1.8	
·	5095 652640	5471260	1.8 -0.3	5096 652190	5470800	3.8 1.9	
	5097 685180	5475520	4.2 0.1	5099 685630	5476030	1.5 -2.5	
	<u>5100 684760</u> 5102 6664 60	5475985	12 - 03	5101 644410	5478080	1.3 - 0.2	
	5104 644850	5478747	$1_{-2} = 0_{-3}$	5105 645250	5473830	1.2 -0.3	
-	5105 645310	5479280	0.8 -0.7	5107 645790	5479920	1.4 -0.1	an a mar herein a' a' mar fan ar na straffen y
	5108 681760	546 553 2	1.7 -2.3	5109 668530	5506620	3.3 1.6	
1	5110 666460	5508270	2.0 0.2	5111 665810	5508360	1.2 -0.5	
	5112 651050	5485160	1.0 -0.4	5113 650300	5485780	0.6 -0.8	
	5114 660470	5501110	1.7 -0.1	5115 661080	5501440	1.6 -0.2	
-	5117 661700	5666660	$\frac{1 \cdot 1 - 0 \cdot 1}{2 \cdot 4 - 1 \cdot 5}$	5120 681410	5467660	$\frac{1.0 - 0.3}{2.1 - 2.3}$	
	5121 681510	5466100	2.6 -1.4	5122 648800	5472320	1.6 -0.1	
	5123 649050	5472820	1.0 -0.7	5124 651370	5470740	1.4 -0.5	
	5125 650280	5470510	1.2 -0.7	5126 649880	5470410	0.8 -0.9	·
	5127 649230	5470640	0.9 -0.8	5128 649390	5471440	1.4 -0.3	
	5129 657060	5487410	1.1 -0.2	5130 662380	5501020	2.2 0.4	
	5131 663050	5500330	2.1 0.3	5133 663860	5500500	0.6 - 1.2	
	<u>5134 669010</u>	5482280	1.0 - 0.0	5137 659090	5482940	0.9 -0.5	
	5138 659390	5483140	1.0 -0.4	5139 660180	5483270	0.8 -1.0	
	5140 657570	5488140	1.1 -0.5	5141 657620	5483760	1.1 -0.5	
	<u>5142 657540</u>	5489600	0.9 -0.7	5143 661680	5497250	2.9 0.7	anderer better a second a second and a second
	5144 662380	5497880	2.5 0.5	5145 662960	5493040	3.6 1.5	
	<u>5147 663310</u>	5497500	2.5 0.4	5148 690290	5460860	2.9 -0.5	
	- 5149 690060 - c151 646200	5480021	2.3 - 9.5	- 2120 - 534220 - 5152 - 666200	5459620	2.3 -0.5	
	5153 446500	5430970	1.8 0.2	5154 665440	5510690	1.9 0.1	
	5155 665090	551 0010	3.3 1.4	5156 664950	5509320	2.2 3.5	
	5157 664540	5503680	1.6 -0.1	5158 664370	5503500	1.8 0.1	
	5159 663780	5509120	1.3 -0.4	5150 663660	5509010	1.6 -0.1	
,	5161 648580	547288)	1.9 3.2	5153 548520	5473900	1.3 -0.4	
_	5164 648220	547473)	2.1).4	5155 547690	5474970	1.0 - 0.7	
	5166 646870 5169 666060	5415800	1 + 4 = 0 + 0 1 - 2 - 2 - 2	- 5157 - 546140 - 5150 - 676220	5410960 5479460	1.0 - 0.4 1.0 - 0.5	
	5170 657770	5479560	0.5 - 0.7	5171 655390	5478820	1.0 -0.9	
	5172 687700	5464880	1.7 -2.1	5173 686990	5465130	4.3 -0.2	

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SAMPLE EAST NORTH U CR U RS SAMPLE EAST NORTH U CP U 4S 5174 687390 546390 1.3 -3.7 5175 687070 5466420 1.4 -3.6 5176 686610 56600 8.3 3.3 5177 646730 3.0 -2.3 5181 665100 550260 2.1 5182 665100 550260 2.0 -3.2 5185 665100 5502500 2.0 0.3 -3.5 51910 666100 550260 2.0 0.3 5187 665100 550270 2.0 2.5 5180 664100 5509700 1.4 -0.3 5193 664500 5509130 1.4 -0.3 5193 664500 509130 1.4 -0.3 5193 664920 546920 3.277 -2.3 2.277 -2.4 2.0 3.277 -2.3 2.271 -2.0 3.271 66920 546703 54920 1.4 -0.3 5204 569200 <th>PRINIC GE</th> <th>OCHEMIST</th> <th>RY UPE</th> <th>SIDUALS LIST</th> <th>PAG</th> <th>E 53</th>	PRINIC GE	OCHEMIST	RY UPE	SIDUALS LIST	PAG	E 53
	SAMPLE EAST	NORTH	UORURS	SAMPLE EAST	NORTH	UCRURS
$\begin{array}{c} 5176 \ 628130 \ 9265362 \ 1.5 \ -3.5 \ 5180 \ 69703 \ 5465420 \ 1.4 \ -3.5 \ -3.5 \ 5180 \ 695703 \ 546390 \ 1.8 \ -3.2 \ -5181 \ 685593 \ 5468220 \ 1.5 \ -3.5 \ 5180 \ 695713 \ 546370 \ 1.8 \ -3.2 \ -5182 \ 685703 \ 546390 \ 1.5 \ -3.5 \ 5180 \ 695743 \ 5505200 \ 2.0 \ 0.3 \ -5183 \ 665190 \ 5505410 \ 2.4 \ 0.7 \ 5186 \ 665743 \ 5505200 \ 2.0 \ 0.3 \ -5183 \ 665593 \ 5504620 \ 1.4 \ -3.5 \ 5180 \ 665743 \ 5505200 \ 2.0 \ 0.3 \ -5183 \ 665593 \ 550740 \ 1.4 \ -3.5 \ -3.5 \ 5180 \ 665743 \ 5505200 \ 2.0 \ 0.3 \ -5183 \ 665593 \ 550740 \ 1.4 \ -3.5 \ -3.5 \ 5180 \ 664530 \ 550740 \ 1.4 \ -3.5 \ -3.5 \ 5180 \ 664530 \ 550740 \ 1.4 \ -3.5 \ -3.5 \ 550740 \ 1.4 \ -3.5 \ -3.5 \ 550740 \ 1.4 \ -3.5 \ -3.5 \ 550740 \ 1.4 \ -3.5 \ -3.5 \ 550740 \ 1.4 \ -3.5 \ -3.5 \ 550740 \ 1.4 \ -3.5 \ -3.5 \ 550740 \ 1.4 \ -3.5 \ -3.5 \ 550740 \ 1.4 \ -3.5 \ -3.5 \ 550740 \ 1.4 \ -3.5 \ -3.5 \ 550740 \ 1.4 \ -3.5 \ -3.5 \ 550750 \ 550750 \ -3.5 \ -3.5 \ -5.5 \ 550750 \ -5.5 \ $						· · · · · · · · · · · · · · · · · · ·
$\begin{array}{c} 5176 \ 636810 \ 5466660 \ 8.4 \ 3.3 \ 5177 \ 646710 \ 5467390 \ 3.0 \ -2.3 \ 5187 \ 636810 \ 546320 \ 26.5 \ 21.5 \ 5182 \ 687773 \ 5467110 \ 26.4 \ 21.4 \ 5183 \ 666103 \ 550670 \ 1.2 \ -3.2 \ 5187 \ 665050 \ 5507710 \ 1.3 \ -0.2 \ 5188 \ 665140 \ 550260 \ 2.9 \ 1.2 \ -3.5 \ 5187 \ 665050 \ 5507710 \ 1.3 \ -0.5 \ 5190 \ 664330 \ 5507460 \ 1.2 \ -0.5 \ 5191 \ 664570 \ 5507331 \ 1.4 \ -0.3 \ 5197 \ 664330 \ 550740 \ 1.4 \ -0.3 \ 5197 \ 664330 \ 550740 \ 1.4 \ -0.3 \ 5197 \ 664570 \ 5507331 \ 1.4 \ -0.3 \ 5197 \ 664330 \ 550740 \ 1.4 \ -0.3 \ 5196 \ 664330 \ 550740 \ 1.4 \ -0.3 \ 5196 \ 664330 \ 550740 \ 1.4 \ -0.3 \ 5196 \ 664330 \ 550740 \ 1.4 \ -0.3 \ 5196 \ 664330 \ 550740 \ 1.4 \ -0.3 \ 5196 \ 664330 \ 550740 \ 1.4 \ -0.3 \ 5196 \ 664330 \ 550740 \ 1.4 \ -0.3 \ 5196 \ 664330 \ 550740 \ 1.4 \ -0.3 \ 5196 \ 664330 \ 550740 \ 1.4 \ -0.3 \ 5196 \ 664330 \ 56070 \ 546920 \ 2.3 \ -2.7 \ 5200 \ 669610 \ 546960 \ 2.3 \ -2.7 \ -2.3 \ 5201 \ 666340 \ 546920 \ 2.3 \ -2.7 \ 5200 \ 669610 \ 546960 \ 1.2 \ -0.3 \ 5201 \ 666430 \ 1.4 \ -0.5 \ 5206 \ 658670 \ 549440 \ 1.5 \ -0.7 \ 5207 \ 659850 \ 549420 \ 1.4 \ -0.5 \ 5206 \ 658670 \ 549440 \ 1.5 \ -0.7 \ 5207 \ 659850 \ 549420 \ 1.4 \ -0.5 \ 5206 \ 658670 \ 549440 \ 1.5 \ -0.7 \ 5207 \ 659850 \ 549420 \ 1.4 \ -0.5 \ 5206 \ 658670 \ 549400 \ 1.4 \ -0.5 \ 5207 \ 659850 \ 549420 \ 1.4 \ -0.5 \ 5206 \ 658670 \ 549400 \ 1.4 \ -0.4 \ 5214 \ 65970 \ 5461805 \ 5494460 \ 1.4 \ -0.5 \ 5206 \ 658670 \ 549460 \ 1.4 \ -0.5 \ 5206 \ 658670 \ 549460 \ 1.4 \ -0.5 \ 5206 \ 658670 \ 549460 \ 1.4 \ -0.5 \ 5206 \ 658670 \ 549460 \ 1.4 \ -0.5 \ 5206 \ 658670 \ 549460 \ 1.4 \ -0.5 \ 5207 \ 659850 \ 549420 \ 1.4 \ -0.5 \ 5216 \ 65970 \ 5486120 \ 2.7 \ -0.4 \ -2.5 \ 5216 \ 65970 \ 5486120 \ 1.4 \ -0.5 \ 5226 \ 65980 \ 5483920 \ 1.4 \ -0.5 \ 5226 \ 65980 \ 5483920 \ 1.4 \ -0.5 \ 5226 \ 65980 \ 5483920 \ 1.4 \ -0.5 \ 5226 \ 65980 \ 5483920 \ 1.4 \ -0.5 \ 5226 \ 65980 \ 5483920 \ 1.7 \ -0.4 \ -2.5 \ 5226 \ 65980 \ 5483920 \ 1.7 \ -0.4 \ -2.5 \ 5226 \ 65980 \ 5484100 \ 1.4 \ -0.5 \ 5226 \ 6598$	5174 687390 5	465580	1.3 -3.1	5175 687070	5465420	1.4 - 3.6
$\begin{array}{c} 5181 68590 5468220 14.6 (-2.7) (-1.6) (-3.7) 546910 24.6 (-2.4) (-4.4) (-4.5) ($	5176 686810 5	466660	8.3 3.3	5177 686730	5467390	3.0 -2.0
5183 662590 342 32182 38370 345110 24.9 1.2 5184 66610 5505410 2.4 0.7 5184 655120 55070 1.2 5184 655120 55070 1.2 5184 655120 55070 1.3 -0.5 5191 665050 550770 1.3 -0.5 5191 664500 5507330 1.4 -0.3 5192 664610 550930 1.4 -0.3 5193 663300 5509401 1.7 -2.0 5193 664700 5469300 2.3 -2.7 5200 664210 5469700 5469300 2.3 -2.7 3220 664200 5469300 2.3 -2.7 5200 664201 546730 5469300 2.3 -2.7 3220 65673 549200 1.8 -0.3 5221 65673 5469300 2.3 -2.7 5200 65673 546730 5469300 2.3 -2.7 -2.3 521 5216 550300 1.4 -0.3 5121 550100 5462120 <t< td=""><td>5179 586320 5</td><td>46872)</td><td>1.5 - 3.5</td><td>5180 685910</td><td>5468930</td><td></td></t<>	5179 586320 5	46872)	1.5 - 3.5	5180 685910	5468930	
$\begin{array}{c} 133 \ 6.66 (10) \ 550 (5410) \ 2.4 \ 3.7 \ 5186 \ 650 (70) \ 550 (56) \ 2.0 \ 0.3 \ 5187 \ 650 (550 (550 (57) (70) \ 1.6 \ -0.1 \ 5189 \ 660 (550 (550 (57) (70) \ 1.6 \ -0.1 \ 5189 \ 660 (550 (550 (57) (70) \ 1.6 \ -0.1 \ 5189 \ 660 (550 (550 (57) (70) \ 1.6 \ -0.3 \ 5193 \ 660 (550 (550 (57) (70) \ 1.6 \ -0.3 \ 5193 \ 660 (57) \ 550 (710) \ 1.4 \ -0.3 \ 5193 \ 660 (57) \ 550 (710) \ 1.4 \ -0.3 \ 5193 \ 660 (57) \ 550 (710) \ 1.4 \ -0.3 \ 5193 \ 660 (57) \ 550 (710) \ 1.4 \ -0.3 \ 5193 \ 660 (57) \ 550 (710) \ 1.4 \ -0.3 \ 5193 \ 660 (57) \ 550 (710) \ 1.4 \ -0.3 \ 5193 \ 660 (57) \ 550 (710) \ 1.4 \ -0.3 \ 5193 \ 660 (70) \ 560 (710) \ 1.4 \ -0.3 \ 5193 \ 660 (70) \ 560 (710) \ 1.4 \ -0.3 \ 5193 \ 660 (70) \ 1.4 \ -0.3 \ 5200 \ 660 (10) \ 540 (700) \ 2.7 \ -2.0 \ 5200 \ 660 (57) \ 540 (400) \ 1.5 \ -0.7 \ 5203 \ 67 (40) \ 560 (570) \ 1.4 \ -0.3 \ 5200 \ 660 (57) \ 540 (400) \ 1.5 \ -0.7 \ 5203 \ 67 (45) \ 540 (400) \ 1.4 \ -0.3 \ 5200 \ 660 (57) \ 540 (400) \ 1.4 \ -0.7 \ 5203 \ 660 (57) \ 540 (400) \ 1.4 \ -0.7 \ 5203 \ 660 (57) \ 540 (400) \ 1.4 \ -0.5 \ 5200 \ 660 (57) \ 540 (400) \ 1.4 \ -0.7 \ 5203 \ 560 (56) \ 540 (400) \ 1.4 \ -0.7 \ 5203 \ 560 (56) \ 540 (400) \ 1.4 \ -0.7 \ 5203 \ 560 (56) \ 540 (400) \ 1.4 \ -0.3 \ 5210 \ 560 (56) \ 540 (56) \ 540 (56) \ 1.4 \ -0.3 \ 5210 \ 560 (56) \ 540 (56) \ 540 (56) \ 540 (56) \ 1.4 \ -0.3 \ 5210 \ 560 (56) \ 540 (56) \ 540 (56) \ 540 (56) \ 540 (56) \ 540 (56) \ 540 (56) \ 540 (56) \ 540 (56) \ 540 (56) \ 540 (56) \ 540 (56) \ 540 (56) \ 540 (56) \ 540 \$	5181 685590 5	463550 Z	28.5 21.5	5182 685770	5469110	20.4 21.4
$\begin{array}{c} 5187 \ 662109 \ 550970 \ 1.4 \ 0.3 \ 0.2 \ 1.2 \ 1.88 \ 650140 \ 550070 \ 1.6 \ -0.1 \$	5183 666100 5	506890	$\frac{1 \cdot 2}{2} - \frac{1 \cdot 2}{2}$	5104 003430	2206620	$2 0 0 \overline{3}$
$\begin{array}{c} 3181 \\ 5189 \\ 66505 \\ 550770 \\ 1.3 \\ -0.5 \\ 5191 \\ 664505 \\ 550733 \\ 1.4 \\ -0.3 \\ 5192 \\ 66530 \\ 550733 \\ 1.4 \\ -0.3 \\ 5192 \\ 66530 \\ 550733 \\ 1.4 \\ -0.3 \\ 5192 \\ 66530 \\ 550733 \\ 1.4 \\ -0.3 \\ 5193 \\ 66470 \\ 560850 \\ 1.4 \\ -0.3 \\ 5195 \\ 662910 \\ 5195 \\ 66470 \\ 5196 \\ 66470 \\ 1.4 \\ -0.3 \\ 5196 \\ 66770 \\ 1.4 \\ -0.3 \\ 5204 \\ 668410 \\ 546970 \\ 1.4 \\ -0.3 \\ 5204 \\ 668410 \\ 546960 \\ 1.4 \\ -0.4 \\ -0.3 \\ 5204 \\ 668410 \\ 546960 \\ 1.4 \\ -0.4 $	5185 665190 5	505410	$2.4 \ 0.1$	5180 665740	5505260	$2 \cdot 0 0 \cdot 5$
$\begin{array}{c} 3137 \ 605303 \ 5507713 \ 1.4 \ -0.3 \ 5192 \ 664610 \ 5503030 \ 1.4 \ -0.3 \ 5193 \ 664570 \ 550733 \ 1.4 \ -0.3 \ 5195 \ 662910 \ 5509150 \ 1.4 \ -0.3 \ 5195 \ 662910 \ 5509150 \ 1.4 \ -0.3 \ 5195 \ 662910 \ 5509150 \ 1.4 \ -0.3 \ 5195 \ 662910 \ 5509150 \ 1.4 \ -0.3 \ 5195 \ 662910 \ 5509150 \ 1.4 \ -0.3 \ 5200 \ 66920 \ 5.4 \ 5700 \ 5409300 \ 1.2 \ -0.3 \ -2.7 \ -2.0 \ -5200 \ 666920 \ 546700 \ 5140 \ 569400 \ 1.4 \ -0.3 \ 5201 \ 666370 \ 5466400 \ 1.2 \ -0.3 \ -2.7 \ -2.0 \ -5200 \ 666920 \ 546700 \ 5140 \ 540740 \ 1.4 \ -0.5 \ -5200 \ 66920 \ 546700 \ 5140 \ 1.4 \ -0.5 \ -5200 \ 66920 \ 546700 \ 5140 \ 1.4 \ -0.5 \ -5200 \ 66920 \ 546700 \ 5140 \ 1.4 \ -0.5 \ -5200 \ 66920 \ 546700 \ 1.4 \ -0.5 \ -5200 \ 66920 \ 546700 \ 1.4 \ -0.5 \ -5200 \ 66920 \ 546700 \ 2.4 \ -1.4 \ -2.3 \ -5210 \ 66020 \ 540100 \ -1.4 \ -0.5 \ -5200 \ 666210 \ 2.4 \ -0.4 \ -2.5 \ -5200 \ 5462100 \ 2.4 \ -0.4 \ -2.5 \ -5200 \ 5462100 \ 2.4 \ -0.4 \ -2.5 \ -5200 \ 5462100 \ 2.4 \ -0.4 \ -2.5 \ -5200 \ 5462100 \ -2.4 \ -0.4 \ -2.5 \ $	5187 565270 5	505910	$\frac{1.9}{1.2}$ $\frac{0.2}{5}$	5100 666440	5507070	1 - 2 = 0 - 5
$\begin{array}{c} 3191 \ 60730 \ 50730 \ 2112 \ 50730 \ 5$	5189 005050 5	507770	1.3 -0.5	5190 004020	5507460	1 4 -0 2
$\begin{array}{c} 1193 \ 63300 \ 5300 \ 5300 \ 5300 \ 5300 \ 5300 \ 5300 \ 5300 \ 5300 \ 5300 \ 5300 \ 5300 \ 5300 \ 5300 \ 5300 \ 5400 \ 5$	<u>5191 664570 5</u>	501333	$1 \cdot 4 - 0 \cdot 3$	5125 662010	5609150	1 - 4 - 0 - 3
$\begin{array}{c} 1198 \ 687700 \ 5469760 \ 1.9 \ -2.8 \ 5199 \ 686790 \ 546920 \ 2.3 \ -2.7 \ 5200 \ 686710 \ 546960 \ 2.7 \ -2.3 \ 5201 \ 666320 \ 546960 \ 1.2 \ -0.3 \ 5202 \ 666920 \ 546700 \ 1.8 \ 0.3 \ 5203 \ 66730 \ 1.8 \ 0.3 \ 5203 \ 66730 \ 1.8 \ 0.3 \ 5203 \ 66730 \ 546710 \ 1.8 \ 0.3 \ 5203 \ 66730 \ 546710 \ 1.8 \ 0.3 \ 5203 \ 66730 \ 546710 \ 1.8 \ 0.3 \ 5203 \ 66730 \ 546710 \ 1.8 \ 0.3 \ 5203 \ 66730 \ 546710 \ 1.8 \ 0.3 \ 5203 \ 66730 \ 546710 \ 1.8 \ 0.3 \ 5203 \ 66730 \ 546710 \ 1.8 \ 0.3 \ 5203 \ 66730 \ 546710 \ 1.4 \ -0.5 \ 5208 \ 66920 \ 5447400 \ 1.4 \ -0.4 \ 5207 \ 65980 \ 5494763 \ 1.4 \ -0.5 \ 5208 \ 66920 \ 5402400 \ 1.4 \ -0.4 \ 5207 \ 65980 \ 5494763 \ 1.4 \ -0.5 \ 5208 \ 66970 \ 5462120 \ 2.1 \ -1.3 \ 5212 \ 65970 \ 5462190 \ 2.7 \ -0.4 \ -2.3 \ 5212 \ 65970 \ 5480500 \ 54470 \ 1.4 \ -0.4 \ 5217 \ 65970 \ 5462190 \ 2.7 \ -0.4 \ -2.3 \ 5217 \ 65970 \ 5480590 \ 0.8 \ -0.4 \ 5215 \ 659350 \ 54836030 \ 0.9 \ -0.3 \ 5218 \ 65970 \ 5480590 \ 0.8 \ -0.4 \ 5216 \ 659350 \ 5481390 \ 1.4 \ -0.1 \ -0.1 \ -2.2 \ 5223 \ 661740 \ 5481290 \ 1.4 \ -0.1 \ -2.2 \ -2.2 \ 661360 \ 5481390 \ 1.4 \ -0.1 \ -2.2 \ -2.2 \ 561360 \ 547470 \ 1.5 \ -0.5 \ -2.2 \ 562380 \ 547600 \ 547600 \ 1.1 \ -0.1 \ -2.2 \ -2.2 \ 561360 \ 547470 \ 1.5 \ -0.5 \ -2.2 \ 562380 \ 547600 \ 1.1 \ -0.1 \ -2.2 \ -2.2 \ 561360 \ 547470 \ 1.5 \ -0.5 \ -2.2 \ 562380 \ 547700 \ 5485700 \ 1.4 \ -0.1 \ -2.4 \ $	5104 443150 5	509433	1 - 4 = 0 - 5	5197 699730	5670260	1 7 2 0
$\begin{array}{c} 193 \ 661 100 \ 546 9160 \ 1.7 \ -2.8 \ 71 \ -2.8 \ 71 \ -2.8 \ 72 \ -2$	5198 662190 B	508550	1 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 -	5197 600230	5449200	2 3 - 2 7
$\begin{array}{c} 200 \ 666920 \ 5467030 \ 1.8 \ 0.3 \ 5203 \ 667340 \ 5466730 \ 1.4 \ 0.3 \ 5204 \ 658670 \ 5494450 \ 1.5 \ -0.4 \ 5207 \ 659850 \ 5494230 \ 1.4 \ -0.5 \ 5208 \ 658670 \ 5494450 \ 1.5 \ -0.4 \ 5207 \ 659850 \ 5494230 \ 1.4 \ -0.5 \ 5208 \ 658670 \ 5494280 \ 1.4 \ -0.5 \ 5208 \ 658670 \ 5494280 \ 1.4 \ -0.5 \ 5208 \ 658670 \ 549280 \ 1.4 \ -0.5 \ 5208 \ 658670 \ 5482100 \ 5461300 \ 2.1 \ -1.3 \ 5212 \ 659100 \ 5461300 \ 2.1 \ -1.3 \ 5212 \ 659350 \ 5482190 \ 2.1 \ -1.3 \ 5212 \ 659730 \ 54805190 \ 2.1 \ -1.3 \ 5212 \ 659730 \ 54805190 \ 2.1 \ -1.3 \ 5212 \ 659730 \ 54805190 \ 2.1 \ -1.3 \ 5212 \ 659730 \ 54805190 \ 1.4 \ -0.4 \ 5212 \ 659730 \ 548070 \ 1.4 \ -0.4 \ 5212 \ 659730 \ 548070 \ 1.4 \ -0.4 \ 5212 \ 659730 \ 548070 \ 1.4 \ -0.4 \ 5212 \ 659730 \ 548070 \ 1.4 \ -0.4 \ 5212 \ 659730 \ 548070 \ 1.4 \ -0.4 \ 5212 \ 659730 \ 548070 \ 1.4 \ -0.4 \ 5212 \ 659730 \ 548070 \ 1.4 \ -0.4 \ 5212 \ 661280 \ 5483490 \ 1.7 \ -0.1 \ 5224 \ 661260 \ 54818090 \ 1.4 \ -0.5 \ 5222 \ 661360 \ 5482510 \ 1.6 \ -0.2 \ 5224 \ 662180 \ 5483490 \ 1.7 \ -0.1 \ 5225 \ 653990 \ 547570 \ 1.5 \ -0.5 \ 52229 \ 651500 \ 5474170 \ 1.5 \ -0.5 \ 52229 \ 651500 \ 5474170 \ 1.5 \ -0.5 \ 52229 \ 651500 \ 5474170 \ 1.5 \ -0.5 \ 52229 \ 651500 \ 5474170 \ 1.5 \ -0.5 \ 52229 \ 651500 \ 5474170 \ 1.5 \ -0.5 \ 52229 \ 651500 \ 5474170 \ 1.5 \ -0.5 \ 52229 \ 651500 \ 5474170 \ 1.5 \ -0.5 \ 5229 \ 651500 \ 5474170 \ 1.5 \ -0.5 \ 5229 \ 651500 \ 5474170 \ 1.5 \ -0.5 \ 5229 \ 651500 \ 5474170 \ 1.5 \ -0.5 \ 5229 \ 651500 \ 5474170 \ 1.5 \ -0.5 \ 5229 \ 651500 \ 5474170 \ 1.5 \ -0.5 \ 5229 \ 651500 \ 5474170 \ 1.5 \ -0.5 \ 5229 \ 5483400 \ 1.7 \ -0.1 \ 5234 \ 656240 \ 5483670 \ 1.7 \ 0.1 \ 5234 \ 656240 \ 5483670 \ 1.7 \ 0.1 \ 5234 \ 656240 \ 5483670 \ 1.7 \ 0.1 \ 5234 \ 656240 \ 5483670 \ 1.7 \ 0.1 \ 5224 \ 660330 \ 547170 \ 1.6 \ -0.1 \ 5234 \ 660330 \ 547170 \ 1.6 \ -0.1 \ 5234 \ 660330 \ 547170 \ 1.6 \ -0.1 \ 5234 \ 660330 \ 547170 \ 1.6 \ -0.1 \ 5234 \ 660330 \ 5471370 \ 1.6 \ -0.1 \ 5234 \ 660330 \ 5471370 \ 1.6 \ -0.1 \ 5234 \ 660330 \ 54$	5200 696110 5	409100	$1 \cdot 7 - 2 \cdot 0$	5231 666730	5465550	2 + 3 - 4 + 1 1 - 2 - 0 - 3
$\begin{array}{c} 2022 \ 608320 \ 5480140 \ 5480140 \ 1.6 \ 0.7 \ 5205 \ 6517920 \ 5424270 \ 1.5 \ -0.4 \ 5206 \ 658670 \ 5494480 \ 1.4 \ -0.5 \ 5208 \ 660350 \ 5494280 \ 1.4 \ -0.5 \ 5208 \ 660350 \ 5494280 \ 1.4 \ -0.5 \ 5208 \ 660350 \ 5494280 \ 1.4 \ -0.5 \ 5208 \ 660350 \ 546130 \ 2.1 \ -1.3 \ 5211 \ 690190 \ 546130 \ 2.1 \ -1.3 \ 5212 \ 690100 \ 546130 \ 2.2 \ -0.4 \ 5215 \ 659350 \ 5480420 \ 2.7 \ -0.4 \ 5216 \ 65970 \ 5480590 \ 0.8 \ -0.4 \ 5215 \ 659350 \ 5480610 \ 0.9 \ -0.3 \ 5217 \ 659570 \ 5480590 \ 0.8 \ -0.4 \ 5215 \ 659350 \ 5480610 \ 0.9 \ -0.3 \ 5227 \ 663380 \ 5481390 \ 1.4 \ -0.4 \ 5225 \ 661380 \ 5481390 \ 1.4 \ -0.4 \ 5225 \ 661380 \ 5481390 \ 1.4 \ -0.4 \ 5225 \ 661380 \ 5481390 \ 1.4 \ -0.4 \ 5225 \ 661380 \ 5481390 \ 1.4 \ -0.4 \ 5225 \ 661380 \ 5481390 \ 1.4 \ -0.4 \ 5226 \ 661380 \ 5481390 \ 1.4 \ -0.4 \ 5226 \ 661380 \ 5481390 \ 1.4 \ -0.4 \ 5226 \ 661380 \ 5481390 \ 1.4 \ -0.4 \ 5226 \ 661380 \ 5481390 \ 1.4 \ -0.4 \ 5226 \ 661380 \ 5481390 \ 1.4 \ -0.4 \ 5226 \ 661380 \ 5481390 \ 1.4 \ -0.4 \ 5226 \ 661380 \ 5481390 \ 1.4 \ -0.4 \ 5226 \ 661380 \ 5481390 \ 1.4 \ -0.4 \ 5226 \ 661380 \ 5481390 \ 1.4 \ -0.4 \ 5226 \ 661380 \ 5481400 \ 1.1 \ -0.4 \ -0.4 \ 5226 \ 651240 \ 5474100 \ 1.5 \ -0.5 $	5200 666119 5	40 900 0	$2 \cdot 1 - 2 \cdot 2$	5203 447340	5456730	
$\begin{array}{c} 200 & 6036710 & 2434630 & 1.5 & -0.4 & 5237 & 659850 & 5494230 & 1.4 & -0.5 \\ \hline 200 & 660350 & 5494403 & 1.5 & -0.4 & 5237 & 691670 & 5464730 & 2.1 & -2.3 \\ \hline 5210 & 690640 & 5461230 & 2.3 & -1.1 & 5211 & 690190 & 5461570 & 2.1 & -2.3 \\ \hline 5212 & 650100 & 5461300 & 2.6 & -0.8 & 5213 & 689500 & 5462190 & 2.7 & -0.4 \\ \hline 5214 & 658970 & 5480590 & 0.8 & -0.4 & 5215 & 659350 & 5480630 & 0.9 & -0.3 \\ \hline 5214 & 658970 & 5480590 & 0.8 & -0.4 & 5215 & 659350 & 5480630 & 0.9 & -0.3 \\ \hline 5217 & 659570 & 5480590 & 1.5 & 0.3 & 5218 & 659940 & 54819910 & 1.1 & -0.1 \\ \hline 5221 & 66160 & 5481290 & 0.9 & -0.5 & 5220 & 66330 & 5483490 & 1.4 & -0.1 \\ \hline 5221 & 66160 & 5481290 & 1.4 & -0.2 & 5224 & 662180 & 5483490 & 1.7 & -0.1 \\ \hline 5223 & 661740 & 5462930 & 1.6 & -0.2 & 5224 & 662180 & 5483490 & 1.7 & -0.1 \\ \hline 5225 & 653990 & 5475720 & 1.1 & -1.3 & 5226 & 653240 & 54744170 & 1.5 & -0.5 \\ \hline 5226 & 657900 & 5472220 & 6.0 & 4.1 & 523 & 651200 & 5474170 & 1.3 & 0.1 \\ \hline 5224 & 657100 & 5472220 & 6.0 & 4.1 & 523 & 651200 & 5473410 & 2.5 & 0.5 \\ \hline 5231 & 657110 & 5483600 & 1.2 & 0.0 & 5233 & 565920 & 5484070 & 1.3 & 0.1 \\ \hline 5234 & 652640 & 5483870 & 0.7 & -3.3 & 5237 & 659910 & 5485740 & 2.6 & 1.0 \\ \hline 5238 & 659640 & 5485420 & 1.9 & 0.3 & 5237 & 659910 & 5485740 & 2.6 & 1.0 \\ \hline 5242 & 660900 & 5487140 & 2.1 & 0.1 & 5241 & 660303 & 548770 & 1.4 & -0.4 \\ \hline 5242 & 660590 & 5483650 & 2.0 & 0.2 & 5247 & 660390 & 5483130 & 1.3 & -0.5 \\ \hline 5246 & 660590 & 5483650 & 2.0 & 0.2 & 5247 & 660390 & 5483130 & 1.4 & -0.5 \\ \hline 5246 & 660590 & 5483650 & 2.0 & 0.2 & 5254 & 662730 & 5474220 & 1.7 & -0.1 \\ \hline 5246 & 662780 & 5483650 & 2.0 & 0.2 & 5254 & 667330 & 5471370 & 1.4 & -9.4 \\ \hline 5253 & 668300 & 5474280 & 2.1 & 0.4 & 5250 & 661760 & 5483700 & 1.7 & -0.1 \\ \hline 5254 & 662780 & 5483670 & 2.2 & -1.3 & 5252 & 667310 & 546370 & 1.2 & -0.3 \\ \hline 5266 & 668160 & 546370 & 2.1 & 0.2 & 5254 & 667350 & 5474220 & 1.7 & -0.1 \\ \hline 5276 & 668300 & 5465470 & 2.0 & 0.2 & 5257 & 668730 & 546370 & 1.2 & -0.3 \\ \hline 5268 & 668160 & 546370 & 2.1 & 0.2 & 5257 & 667310 & 546370 & 1.2$	5202 000920 5	407000	$1 \cdot 0 0 \cdot 3$	5205 667240	5494270	1 5 -0 4
$\begin{array}{c} 5203 \ 660350 \ 5404091 \ 1.4 \ -0.8 \ 5209 \ 691870 \ 5462730 \ 2.1 \ -2.3 \ \\ 5210 \ 690840 \ 54622120 \ 2.3 \ -1.1 \ 5211 \ 690190 \ 5462730 \ 2.1 \ -1.3 \ \\ 5214 \ 658970 \ 54836990 \ 0.8 \ -0.4 \ 5215 \ 659350 \ 5480630 \ 0.9 \ -0.3 \ \\ 5214 \ 658970 \ 54836990 \ 0.8 \ -0.4 \ 5215 \ 659350 \ 5480630 \ 0.9 \ -0.3 \ \\ 5217 \ 659570 \ 54836920 \ 1.5 \ 0.3 \ 5218 \ 659990 \ 5483190 \ 1.1 \ -9.1 \ \\ 5219 \ 6405807 \ 0.880820 \ 1.5 \ 0.3 \ 5218 \ 659990 \ 5483190 \ 1.3 \ -0.1 \ \\ 5226 \ 661800 \ 5481390 \ 1.4 \ -0.2 \ 5222 \ 661330 \ 5481390 \ 1.7 \ -0.1 \ \\ 5225 \ 653990 \ 5475720 \ 1.1 \ -1.3 \ 5226 \ 653240 \ 5474400 \ 1.7 \ -0.1 \ \\ 5225 \ 653990 \ 5475720 \ 1.1 \ -1.3 \ 5226 \ 653240 \ 5474400 \ 1.1 \ -0.9 \ \\ \\ 5226 \ 653950 \ 547474000 \ 1.3 \ -0.7 \ 5228 \ 651500 \ 547410 \ 1.5 \ -0.5 \ \\ \\ 5229 \ 651900 \ 547220 \ 6.0 \ 4.1 \ 5230 \ 657240 \ 5473410 \ 2.5 \ 0.5 \ \\ \\ 5226 \ 659540 \ 5483420 \ 1.2 \ 0.0 \ 5233 \ 65620 \ 54844707 \ 1.3 \ 0.1 \ \\ \\ \\ 5236 \ 659540 \ 5483420 \ 1.9 \ 0.3 \ 5237 \ 659510 \ 5485740 \ 2.6 \ 1.0 \ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ $	5206 658673 5	400140	15 - 0.4	5217 659850	5494230	1.4 -0.5
$\begin{array}{c} 1200 & 690240 & 5462120 & 2.3 & -1.1 & 5211 & 690190 & 5461570 & 2.1 & -1.3 \\ 5212 & 690100 & 5461300 & 2.6 & -0.4 & 5215 & 689500 & 6462190 & 2.7 & -0.4 \\ \hline 5214 & 65970 & 5480590 & 1.8 & 0.4 & 5215 & 659350 & 5480630 & 1.9 & -0.3 \\ \hline 5217 & 659570 & 5480590 & 1.5 & 0.3 & 5218 & 659990 & 54805910 & 1.1 & -9.1 \\ \hline 5217 & 640580 & 5481200 & 0.9 & -0.5 & 5220 & 660380 & 5481390 & 1.3 & -0.1 \\ \hline 5216 & 64060 & 5481890 & 1.4 & 0.0 & 5222 & 661360 & 5482510 & 1.6 & -0.2 \\ \hline 5223 & 661740 & 54828930 & 1.6 & -0.2 & 5224 & 662180 & 5483490 & 1.7 & -0.1 \\ \hline 5227 & 652880 & 5475720 & 1.1 & -1.3 & 5226 & 653240 & 5474600 & 1.1 & -9.9 \\ \hline 5227 & 652860 & 5474000 & 1.3 & -0.7 & 5228 & 651500 & 5474170 & 1.5 & -0.5 \\ \hline 5228 & 65710 & 5472220 & 6.0 & 4.1 & 5230 & 651700 & 5473410 & 2.5 & 0.5 \\ \hline 5231 & 656240 & 5483870 & 0.9 & -0.3 & 5235 & 657340 & 5485700 & 1.3 & 0.1 \\ \hline 5238 & 659940 & 5485420 & 1.9 & 0.3 & 5237 & 659910 & 5485450 & 2.6 & 1.0 \\ \hline 5238 & 659940 & 5485420 & 2.1 & 0.1 & 5241 & 660330 & 548770 & 1.9 & 0.1 \\ \hline 5240 & 660090 & 5487400 & 2.1 & 0.1 & 5241 & 660330 & 548770 & 1.9 & 0.1 \\ \hline 5240 & 660990 & 5483980 & 2.0 & 0.2 & 5233 & 667903 & 548330 & 1.3 & -0.5 \\ \hline 5240 & 660990 & 5483960 & 2.4 & -0.4 & 5255 & 662310 & 548770 & 1.9 & 0.1 \\ \hline 5242 & 660300 & 5483960 & 1.4 & -0.4 & 5252 & 662930 & 5471370 & 1.6 & -0.1 \\ \hline 5243 & 662590 & 5483550 & 2.0 & 0.2 & 5247 & 660930 & 548330 & 1.3 & -0.5 \\ \hline 5249 & 661050 & 5483560 & 1.4 & -0.4 & 5252 & 667350 & 547320 & 1.7 & -0.1 \\ \hline 5251 & 662200 & 5484100 & 3.6 & 1.3 & 5252 & 662310 & 5483760 & 1.7 & -0.1 \\ \hline 5253 & 662340 & 5483490 & 2.1 & 0.2 & 5254 & 667930 & 5473820 & 1.7 & -0.1 \\ \hline 5253 & 662340 & 5483490 & 2.1 & 0.2 & 5254 & 667930 & 5473820 & 1.7 & -0.1 \\ \hline 5253 & 662840 & 5483490 & 2.1 & 0.2 & 5254 & 667930 & 5473820 & 1.7 & -0.1 \\ \hline 5253 & 668300 & 5459420 & 3.0 & 0.2 & 5254 & 669310 & 5462740 & 1.2 & -0.3 \\ \hline 5267 & 668300 & 545970 & 2.0 & 0.5 & 5271 & 662310 & 5462740 & 1.2 & -0.3 \\ \hline 5267 & 668830 & 5465970 & 2.0 & -0.5 & 5279 & 667320 & 546370 & 1.2 & $	5200 650010 5	494990	1.5 -0.8	5209 691670	5462730	2.1 -2.3
$\begin{array}{c} 5212 650100 546130 2.6 -0.8 5213 680500 5462190 2.7 -0.4 \\ (5214 658970 5480590 0.8 -0.4 5215 659350 5480630 0.9 -0.3 \\ 5217 659570 5480890 1.5 0.3 5218 659990 5480910 1.1 -0.1 \\ 5249 460580 568120 0.9 -0.5 5220 660380 5481390 1.3 -0.1 \\ 5221 661760 5481890 1.4 0.0 5227 661360 5483490 1.7 -0.1 \\ 5225 653990 5475720 1.1 -1.3 5226 653240 5474600 1.1 -0.9 \\ 5225 653990 5475720 1.1 -1.3 5226 653240 5474600 1.1 -0.9 \\ 5227 652380 5474000 1.3 -0.7 5228 651500 5474170 1.5 -0.5 \\ 5229 651900 547220 6.0 4.1 5230 651240 5473410 2.5 0.5 \\ 5231 657110 5483600 1.2 0.0 5233 65620 5484670 1.3 0.1 \\ 5234 656240 5483870 0.9 -0.3 5237 65910 5485740 2.6 1.0 \\ 5238 659540 548540 1.9 0.3 5237 65910 5485740 2.6 1.0 \\ 5238 659540 548540 1.9 0.5 5239 65770 55485740 2.6 1.0 \\ 5238 659900 5486300 2.1 0.5 5239 65770 55485740 1.2 0.1 \\ 5240 660090 5487140 2.1 0.1 5241 640030 548770 1.9 0.1 \\ 5244 660240 54878081 1.4 -0.4 5250 661760 548320 1.7 0.1 \\ 5244 660240 54878081 1.4 -0.4 5250 661760 548320 1.7 -0.1 \\ 5246 660590 5483560 2.0 0.2 5243 66920 548330 1.3 -0.5 \\ 5249 661050 5483560 2.0 0.2 5245 669330 54741270 1.4 -0.4 \\ 5253 662840 5483981 1.4 -0.4 5250 661760 548320 1.7 -0.1 \\ 5246 660590 5483560 2.0 0.2 5245 66920 5483410 2.2 0.4 \\ 5253 662840 5483490 2.1 0.2 5254 66920 548330 1.3 -0.5 \\ 5249 661050 5483560 2.1 0.2 5256 647500 548320 1.7 -0.1 \\ 5256 66930 548350 2.1 0.2 5254 66920 548320 1.7 -0.1 \\ 5256 66930 5483490 2.1 0.2 5254 66920 548320 1.7 -0.1 \\ 5256 66930 5483260 1.4 -0.4 5250 661760 548320 1.7 -0.1 \\ 5256 66930 5453260 1.4 -0.4 5250 661760 548320 1.7 -0.1 \\ 5256 66930 548350 2.1 0.2 5254 66920 548340 2.4 0.2 5254 66920 1.7 -0.1 \\ 5256 66930 5483400 2.1 0.2 5254 66920 546320 1.7 -0.1 \\ 5256 66930 5455970 2.0 0.2 5256 64920 5462940 1.2 -0.3 \\ 5256 668360 5453910 2.5 -1.3 5265 64920 5462940 1.2 -0.3 \\ 5256 668360 5453910 2.5 -1.3 5265 64920 5462940 1.2 -0.3 \\ 5268 668220 5463970 2.1 0.5 5279 63870 5462940 1.2 -0.3 \\ 5268 66820 5463910 2.5 -1.3 5265 64920 5462940 1.2 -0.3 \\ 5268 66820 5463910 2.5 -1.3 5265 64920 5462940 $	5210 690840 5	462120	$\frac{1.7}{23}$ -1.1	5211 690190	5461570	2.1 -1.3
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	5212 690100 5	461300	2.6 - 0.8	5213 689500	5462190	2.7 -0.4
$\begin{array}{c} 5217 \ 659570 \ 5480690 \ 1.5 \ 0.3 \ 5218 \ 659990 \ 5480910 \ 1.1 \ -0.1 \\ 5219 \ 460580 \ 5481200 \ 0.9 \ -0.5 \ 5220 \ 660380 \ 5481390 \ 1.3 \ -0.1 \\ 5223 \ 661740 \ 5482900 \ 1.4 \ 0.0 \ 5222 \ 661360 \ 5482510 \ 1.4 \ -0.1 \\ 5225 \ 653990 \ 5475720 \ 1.1 \ -1.3 \ 5226 \ 653240 \ 5474700 \ 1.1 \ -0.9 \\ 5227 \ 65280 \ 5474700 \ 1.3 \ -0.7 \ 5228 \ 651500 \ 5474170 \ 1.5 \ -0.5 \\ 5229 \ 651900 \ 5472220 \ 6.0 \ 4.1 \ 5230 \ 651240 \ 54747170 \ 1.5 \ -0.5 \\ 5229 \ 651900 \ 5472220 \ 6.0 \ 4.1 \ 5230 \ 651240 \ 5473410 \ 2.5 \ 0.5 \\ 5231 \ 657110 \ 5483600 \ 1.2 \ 0.0 \ 5233 \ 656220 \ 54847400 \ 1.7 \ 0.4 \\ 5236 \ 659540 \ 5483600 \ 2.1 \ 0.5 \ 5239 \ 659710 \ 5485740 \ 2.6 \ 1.0 \\ 5238 \ 659540 \ 5485420 \ 1.9 \ 0.3 \ 5237 \ 659910 \ 5485740 \ 2.6 \ 1.0 \\ 5238 \ 659900 \ 5487400 \ 2.1 \ 0.5 \ 5239 \ 657700 \ 548550 \ 1.7 \ 0.1 \\ 5240 \ 660090 \ 5487480 \ 2.1 \ 0.5 \ 5239 \ 657700 \ 548550 \ 1.7 \ 0.1 \\ 5244 \ 660240 \ 5487980 \ 2.0 \ 0.2 \ 5243 \ 660230 \ 5487570 \ 1.9 \ 0.1 \\ 5244 \ 660250 \ 5487980 \ 2.0 \ 0.2 \ 5243 \ 660730 \ 548350 \ 1.7 \ 0.1 \\ 5244 \ 660250 \ 548360 \ 1.4 \ -0.4 \ 5250 \ 661760 \ 5483920 \ 1.7 \ -0.1 \\ 5246 \ 660590 \ 5483560 \ 1.4 \ -0.4 \ 5250 \ 661760 \ 5483920 \ 1.7 \ -0.1 \\ 5246 \ 660590 \ 5483560 \ 1.4 \ -0.4 \ 5250 \ 661760 \ 5483920 \ 1.7 \ -0.1 \\ 5245 \ 66950 \ 5474280 \ 2.1 \ 0.2 \ 5254 \ 66920 \ 548770 \ 1.4 \ -0.4 \ 5250 \ 661760 \ 5483920 \ 1.7 \ -0.1 \\ 5255 \ 668300 \ 5474280 \ 2.1 \ 0.2 \ 5254 \ 66920 \ 5473820 \ 2.6 \ 0.8 \ 5.0 \ 5473820 \ 2.6 \ 0.8 \ 5.0 \ 5473820 \ 2.6 \ 0.8 \ 548370 \ 1.7 \ -0.1 \ 5255 \ 668300 \ 5474280 \ 2.1 \ 0.2 \ 5256 \ 64930 \ 5473820 \ 2.6 \ 0.8 \ 5.0 \ 548350 \ 5474280 \ 2.6 \ 0.8 \ 548370 \ 1.7 \ -0.1 \ 5255 \ 668300 \ 5473820 \ 2.6 \ 0.8 \ 5.0 \ 5468400 \ 546370 \ 1.7 \ -0.1 \ 5256 \ 668360 \ 546370 \ 546370 \ 546670 \ 5468400 \ 546370 \ 546670 \ 1.2 \ -0.3 \ 5256 \ 668360 \ 546370 \ 546370 \ 546670 \ 546370 \ 546670 \ 1.2 \ -0.3 \ 5256 \ 668760 \ 546370 \ 546670 \ 1.2 \ -0.3 \ 5256 \ 668760 \ 546370 \ 1.4 \ -0.4 \ 5257 \ 66870 \ 5$	1 5214 658970 5	480590	0.8 -0.4	5215 659350	5480630	0.9 -0.3
$\begin{array}{c} 5219-460580 5681203 & 0.9 & -0.5 & 5220 660380 5481390 & 1.3 & -0.1 \\ 5221 661060 5481890 & 1.4 & 0.0 & 5222 661360 5482510 & 1.6 & -0.2 \\ 5223 661740 5482930 & 1.6 & -0.2 & 5224 662180 5483490 & 1.7 & -0.1 \\ 5225 653990 547572 & 1.1 & -1.3 & 5226 653240 5474600 & 1.1 & -0.9 \\ 5227 652880 5474000 & 1.3 & -0.7 & 5228 651500 & 547170 & 1.5 & -0.5 \\ 5229 651900 547220 & 6.0 & 4.1 & 5230 651240 5473410 & 2.5 & 0.5 \\ 5231 657110 5483600 & 1.2 & 0.0 & 5233 656520 & 5484070 & 1.3 & 0.1 \\ 5234 65940 5483872 & 0.9 & -0.3 & 5235 657340 & 5485160 & 1.7 & 0.4 \\ 5236 659940 5483872 & 0.9 & -0.3 & 5237 659910 5485740 & 2.6 & 1.0 \\ 5238 659900 5486300 & 2.1 & 0.5 & 5239 659710 & 5485740 & 2.6 & 1.0 \\ 5238 659900 5486300 & 2.1 & 0.5 & 5239 659710 & 5486770 & 1.9 & 0.1 \\ 5240 660090 5486300 & 2.1 & 0.1 & 5241 66030 & 5487770 & 1.9 & 0.1 \\ 5242 660300 5487980 & 2.0 & 0.2 & 5243 660620 & 54884170 & 1.9 & 0.1 \\ 5244 660240 5483980 & 1.4 & -0.4 & 5250 661860 & 5483320 & 1.7 & -0.1 \\ 5245 660590 5483550 & 2.0 & 0.2 & 5247 660903 5483320 & 1.7 & -0.1 \\ 5255 66930 5483550 & 2.0 & 0.2 & 5254 669230 5471370 & 1.6 & -0.1 \\ 5251 662200 5483400 & 3.6 & 1.3 & 5252 662310 5483120 & 1.7 & -0.1 \\ 5251 662200 5483400 & 3.6 & 1.3 & 5252 662310 5483170 & 1.4 & -0.4 \\ 5255 66930 5453420 & 3.0 & 0.2 & 5254 669230 5474920 & 1.7 & -0.1 \\ 5255 66930 5453420 & 3.0 & 0.2 & 5254 669230 5474920 & 1.7 & -0.1 \\ 5255 66930 5453420 & 3.0 & 0.2 & 5254 669230 5474920 & 1.7 & -0.1 \\ 5255 66930 5453420 & 3.0 & 0.2 & 5255 663220 5463200 & 1.8 & -0.4 \\ 5268 668120 5463310 & 2.5 & -1.3 & 5262 669430 5463420 & 2.8 & -1.0 \\ 5261 688160 5463350 & 1.5 & -0.0 & 5257 66710 5462430 & 1.2 & -0.4 \\ 5268 668120 546370 & 2.0 & -0.5 & 5271 663730 & 546370 & 1.2 & -0.3 \\ 5264 668160 5463350 & 1.6 & 0.1 & 5277 66710 546270 & 1.2 & -0.3 \\ 5266 668160 5463350 & 1.6 & 0.1 & 5275 669210 546320 & 1.4 & -0.1 \\ 5272 667810 546570 & 2.0 & -0.5 & 5271 66370 & 546370 & 1.2 & -0.3 \\ 5274 670870 5465970 & 2.0 & -0.5 & 5277 663130 5465870 & 1.4 & -0.1 \\ 5276 67810 5465970 & 2.0 & -0.5 $	5217 659570 5	480890	1.5 0.3	5218 659990	5480910	1.1 - 9.1
$\begin{array}{c} 5221 \ 561060 \ 5481890 \ 1.4 \ 0.0 \ 5222 \ 561360 \ 5482510 \ 1.6 \ -0.2 \\ 5223 \ 561740 \ 5482930 \ 1.6 \ -0.2 \ 5224 \ 562180 \ 5483490 \ 1.7 \ -0.1 \\ 5227 \ 552380 \ 547700 \ 1.3 \ -0.7 \ 5228 \ 551500 \ 5474170 \ 1.5 \ -0.5 \\ 5229 \ 551900 \ 547522 \ 5.0 \ -0.7 \ 5228 \ 551500 \ 5474170 \ 1.5 \ -0.5 \\ 5229 \ 551900 \ 5472220 \ 5.0 \ 4.1 \ 5220 \ 551240 \ 5473410 \ 2.5 \ 0.5 \\ 5231 \ 55731 \ 57340 \ 5483870 \ 0.9 \ -0.3 \ 5235 \ 557340 \ 5485740 \ 2.6 \ 1.0 \\ 5238 \ 557540 \ 5483870 \ 0.9 \ -0.3 \ 5237 \ 559700 \ 5485740 \ 2.6 \ 1.0 \\ 5238 \ 559540 \ 5485420 \ 1.9 \ 0.3 \ 5237 \ 559700 \ 5485740 \ 2.6 \ 1.0 \\ 5238 \ 559540 \ 5485420 \ 1.9 \ 0.3 \ 5237 \ 559700 \ 5485740 \ 2.6 \ 1.0 \\ 5238 \ 559540 \ 5485420 \ 1.9 \ 0.3 \ 5237 \ 559700 \ 5485740 \ 2.6 \ 1.0 \\ 5238 \ 559540 \ 5485420 \ 1.9 \ 0.3 \ 5237 \ 559700 \ 5486370 \ 1.9 \ 0.1 \\ 5242 \ 660300 \ 548740 \ 2.1 \ 0.1 \ 5241 \ 56030 \ 5487570 \ 1.9 \ 0.1 \\ 5242 \ 660300 \ 5487980 \ 2.0 \ 0.2 \ 5243 \ 66020 \ 5488401 \ 0.2 \ 0.4 \\ 5244 \ 66050 \ 5483600 \ 1.4 \ -0.4 \ 5245 \ 66930 \ 5471370 \ 1.6 \ -0.1 \\ 5244 \ 66050 \ 5483560 \ 1.4 \ -0.4 \ 5250 \ 661760 \ 5483920 \ 1.7 \ -0.1 \\ 5254 \ 660360 \ 5483560 \ 1.4 \ -0.4 \ 5250 \ 661760 \ 5483920 \ 1.7 \ -0.1 \\ 5255 \ 662340 \ 5483920 \ 2.1 \ 0.2 \ 5254 \ 667200 \ 5483100 \ 1.4 \ -0.4 \ 5250 \ 661760 \ 5483920 \ 1.7 \ -0.1 \\ 5255 \ 662360 \ 5483400 \ 3.6 \ 1.8 \ 5252 \ 667350 \ 547380 \ 2.6 \ 0.8 \ .0 \ 2.6 \ 0.8 \ .0 \ 2.5 \ .0 \ .0 \ .0 \ .0 \ .0 \ .0 \ .0 \ $	521-9-460580 5	481200	0.9 -0.5	5220 660380	5481390	1.3 -0.1
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	5221 661060 5	481890	1.4 0.0	5222 661360	5482510	1.6 -0.2
$\begin{array}{c} 5225 \ 653 990 \ 5475720 \ 1.1 \ -1.3 \ 5226 \ 653240 \ 5474600 \ 1.1 \ -0.9 \\ \hline 5227 \ 652 880 \ 5474000 \ 1.3 \ -0.7 \ 5228 \ 651500 \ 5474170 \ 1.5 \ -0.5 \\ \hline 5229 \ 651900 \ 547222 \ 6.0 \ 4.1 \ 5230 \ 651240 \ 5474170 \ 1.5 \ -0.5 \\ \hline 5231 \ 657110 \ 5483600 \ 1.2 \ 0.0 \ 5233 \ 65620 \ 5484070 \ 1.3 \ 0.1 \\ \hline 5234 \ 656240 \ 5483470 \ 0.9 \ -0.3 \ 5235 \ 657340 \ 5485160 \ 1.7 \ 0.4 \\ \hline 5236 \ 659540 \ 5485420 \ 1.9 \ 0.3 \ 5237 \ 659910 \ 5485740 \ 2.6 \ 1.0 \\ \hline 0.1 \\ \hline 5236 \ 659900 \ 5486300 \ 2.1 \ 0.5 \ 5239 \ 659700 \ 5486350 \ 1.7 \ 0.1 \\ \hline 5240 \ 660090 \ 5487140 \ 2.1 \ 0.1 \ 5241 \ 660300 \ 548770 \ 1.9 \ 0.1 \\ \hline 5242 \ 660090 \ 5487980 \ 2.0 \ 0.2 \ 5243 \ 66020 \ 548770 \ 1.9 \ 0.1 \\ \hline 5242 \ 660590 \ 5486300 \ 2.0 \ 0.2 \ 5243 \ 66020 \ 548770 \ 1.9 \ 0.1 \\ \hline 5242 \ 660590 \ 5483630 \ 2.0 \ 0.2 \ 5243 \ 66020 \ 548770 \ 1.6 \ -0.1 \\ \hline 5244 \ 660240 \ 5489680 \ 1.4 \ -0.4 \ 5245 \ 660300 \ 548770 \ 1.6 \ -0.1 \\ \hline 5246 \ 660590 \ 5483560 \ 1.4 \ -0.4 \ 5252 \ 661760 \ 548330 \ 1.3 \ -0.5 \\ \hline 5249 \ 661590 \ 5483560 \ 1.4 \ -0.4 \ 5252 \ 667300 \ 5471370 \ 1.6 \ -0.1 \\ \hline 5251 \ 662200 \ 5483560 \ 1.4 \ -0.4 \ 5252 \ 667300 \ 5471370 \ 1.6 \ -0.1 \\ \hline 5253 \ 662840 \ 548340 \ 2.1 \ 0.2 \ 5254 \ 667920 \ 548330 \ 1.7 \ -0.1 \\ \hline 5255 \ 667300 \ 5474280 \ 1.7 \ -0.1 \\ \hline 5255 \ 667300 \ 5474280 \ 2.1 \ 0.2 \ 5258 \ 67500 \ 5473820 \ 2.6 \ 0.8 \\ \hline 5.5 \ 5259 \ 67500 \ 5474280 \ 1.7 \ -0.1 \\ \hline 5256 \ 668800 \ 5463910 \ 2.5 \ -1.3 \ 5256 \ 667300 \ 54713820 \ 2.6 \ 0.8 \\ \hline 5.5 \ 5259 \ 668810 \ 5463910 \ 2.5 \ -1.3 \ 5256 \ 667300 \ 5463120 \ 2.8 \ -1.0 \\ \hline 5266 \ 668160 \ 5463910 \ 2.5 \ -1.3 \ 5257 \ 667910 \ 5462760 \ 1.2 \ -0.3 \\ \hline 5266 \ 668160 \ 5463950 \ 1.6 \ -0.1 \ 5257 \ 667910 \ 546570 \ 1.2 \ -0.4 \\ \hline 5268 \ 668160 \ 5465350 \ 1.6 \ -0.5 \ 5277 \ 668030 \ 546530 \ 1.4 \ -0.1 \\ \hline 5276 \ 67810 \ 5465430 \ 1.6 \ 0.1 \ 5257 \ 667910 \ 546570 \ 1.2 \ -0.4 \\ \hline 5268 \ 668160 \ 546530 \ 1.6 \ -0.5 \ 5277 \ 667910 \ 545370 \ 1.3 \ -0.2 \\ \hline 5277 \ 677870 \ 546570 \ 1.2 \ -0.5 \ 5277 \ 667910 \ 5$	5223 661740 5	482980	1.6 -0.2	5224 662180	5483490	1.7 -0.1
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	5225 653990 5	475720	1.1 -1.3	5226 653240	5474600	1.1 -0.9
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	5227 652880 5	474000	1.3 -0.7	5228 651500	5474170	1.5 -0.5
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	5229 651900 5	472220	6.0 4.1	5230 651240	5473410	2.5 0.5
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	5231 657110 5	483600	1.2 0.0	5233 656620	5484070	1.3 0.1
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	5234 656240 5	483873	0.9 -0.3	5235 657340	5485160	1.7 0.4
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	5236 659540 5	485420	1.9 0.3	5237 659910	5485740	2.6 1.0
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	5238 659900 5	486300	2.1 0.5	5239 659700	5486350	1.7 0.1
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	5240 660090 5	487140	2.1 0.1	5241 660030	5487570	1.9 0.1
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	5242 660300 5	487980	2.0 0.2	5243 660620	5488410	2.2 0.4
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	5244 660240 5	489080	1.4 -0.4	5245 669830	5471370	1.6 -0.1
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	5246 660590 5	483650	2.0 7.2	5247 660900	5483330	1.3 -0.5
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	5249 661090 5	483560	1.4 -0.4	5250 661760	5483920	1.7 -0.1
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	5251 662200 5	484100	3.6 1.3	5252 662310	5483770	1.4 - 0.4
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	5253 662840 5	483490	2.1 0.2	5254 669293	5474920	1.7 - 9.1
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	5255 669350 5	474280	2.1 0.3	5256 670500	5473820	2.6 0.8
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	5257 688030 5	459420	3.0 0.2	5258 689270	5462630	8.8 5.9
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	5259 688620 5	462990	2.7 -1.1	5250 588730	5463120	2.8 -1.0
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	5251 688160 5	463910	2.5 -1.5	5262 669430 5265 ((0220)	5462940	
$\begin{array}{c} 5265 \ 668163 \ 5463350 \ 1.6 \ 0.1 \ 5257 \ 570370 \ 5462750 \ 1.2 \ -0.4 \\ \hline 5268 \ 668220 \ 5466370 \ 2.1 \ 0.6 \ 5259 \ 669120 \ 5465200 \ 1.6 \ 0.1 \\ 5270 \ 663870 \ 5465970 \ 2.0 \ 0.5 \ 5271 \ 665430 \ 5465630 \ 1.4 \ -0.1 \\ \hline 5272 \ 667810 \ 5465460 \ 1.6 \ 0.1 \ 5273 \ 669800 \ 5465820 \ 1.3 \ -0.2 \\ \hline 5274 \ 670870 \ 5465470 \ 1.4 \ -0.1 \ 5275 \ 669910 \ 5453980 \ 3.4 \ 1.6 \\ \hline 5276 \ 670320 \ 5453590 \ 2.0 \ -0.4 \ 5277 \ 663740 \ 5453940 \ 1.3 \ 0.0 \\ \hline 5278 \ 687870 \ 5459270 \ 2.3 \ -0.5 \ 5279 \ 638190 \ 545370 \ 2.0 \ -0.8 \\ \hline 5281 \ 687630 \ 5459670 \ 1.9 \ -0.7 \ 5284 \ 690150 \ 5459700 \ 2.6 \ -0.8 \\ \hline 5285 \ 690340 \ 5460200 \ 3.9 \ 0.5 \ 5286 \ 690450 \ 546960 \ 2.2 \ -1.2 \\ \hline 5287 \ 667280 \ 5468480 \ 0.9 \ -0.7 \ 5288 \ 667550 \ 5468210 \ 2.0 \ 0.4 \\ \hline 5289 \ 670680 \ 5470830 \ 3.7 \ 2.0 \ -0.7 \\ \hline 5289 \ 670680 \ 5470830 \ 3.7 \ 2.0 \ -0.7 \\ \hline 5289 \ 670680 \ 5470830 \ 3.7 \ 2.0 \ -0.7 \\ \hline 5289 \ 670680 \ 5470830 \ 3.7 \ 2.0 \ -0.7 \\ \hline 5289 \ 670680 \ 5470830 \ 3.7 \ 2.0 \ -0.7 \\ \hline 5289 \ 670680 \ 5470830 \ 3.7 \ 2.0 \ -0.7 \\ \hline 5289 \ 670680 \ 5470830 \ 3.7 \ 2.0 \ -0.7 \\ \hline 5289 \ 670680 \ 5470830 \ 3.7 \ 2.0 \ -0.7 \\ \hline 5289 \ 670680 \ 5470830 \ 3.7 \ 2.0 \ -0.7 \\ \hline 5289 \ 670680 \ 5470830 \ 3.7 \ 2.0 \ -0.7 \\ \hline 5289 \ 670680 \ 5470830 \ 3.7 \ 2.0 \ -0.7 \\ \hline 5289 \ 670680 \ 5470830 \ 3.7 \ 2.0 \ -0.7 \\ \hline 5289 \ 670680 \ 5470830 \ 3.7 \ 2.0 \ -0.7 \\ \hline 5289 \ 670680 \ 5470830 \ 3.7 \ 2.0 \ -0.7 \\ \hline 5289 \ 670680 \ 5470830 \ 3.7 \ 2.0 \ -0.7 \\ \hline 5289 \ 670680 \ 5470830 \ 3.7 \ 2.0 \ -0.7 \\ \hline 5289 \ 670680 \ 5470830 \ 3.7 \ 2.0 \ -0.7 \\ \hline 5289 \ 670690 \ 5470830 \ -0.7 \ -0.7 \ 5288 \ 667550 \ 5468210 \ 2.0 \ 0.4 \\ \hline 5700 \ -0.4 \ -0$	5263 668950 5	463260	$\frac{1.5 - 0.0}{1.4 - 0.1}$	5255 668220	2463210	1.2 2.4
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	- 5255 66816U D	46 3330	1.0 0.1	5251 510010	5462150	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	<u>j 5268 668220 5</u>	400313	2.1 0.0	5771 666631	5465230	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	5270 663870 5	403913	2,0,0,0	5273 669800	5465030	1 = 4 = 0.2
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	5276 670970 5	465470	1.4 -0 1	5275 66900	5453980	3.4 1.6
52.80 687870 5459270 2.3 -0.5 5279 638190 5458730 2.0 -0.8 5281 687630 5453860 2.3 -0.5 5232 637150 5459420 2.0 -0.5 5283 687590 5459670 1.9 -0.9 5284 690150 5459700 2.6 -0.8 5285 690340 5460203 3.9 0.5 5286 690450 5460660 2.2 -1.2 5287 667280 5468480 0.9 -0.7 5288 667550 5468210 2.0 0.4 5289 670680 5470630 3.7 2.3 5290 670600 5473310 1.2 -0.4	5276 670670 2	452590	2.0 - 0.4	5277 562740	5453040	1.3 0.0
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	5278 687870 5	459270	2.3 -0.5	5279 638190	5458730	2.9 -0.8
5283 687590 5459670 1.9 -0.9 5284 690150 5459700 2.6 -0.8 5285 690340 5460200 3.9 0.5 5286 690450 5460660 2.2 -1.2 5287 667280 5468480 0.9 -0.7 5288 667550 5468210 2.0 0.4 5289 670680 5470930 3.7 2.0 5290 670600 5470310 1.3 -0.4	5281 687630 5	453860	2.3 -0.5	5232 637150	5459420	2.0 -0.5
5285 690340 5460203 3.9 0.5 5286 690450 5460660 2.2 -1.2 5287 667280 5468480 0.9 -0.7 5288 667550 5468210 2.0 0.4 5289 670680 5470830 3.7 2.3 5280 670600 5470310 1.3 -0.4	5283 687590 5	459670	1.9 -0.9	5284 690150	5459700	2.6 -0.8
5287 667280 5468480 0.9 -0.7 5288 667550 5468210 2.0 0.4 5289 670680 5470930 3.7 2.3 5290 670600 5473310 1.3 -0.4	5285 690340 5	460200	3.9 0.5	5286 690450	5460660	2.2 -1.2
5280 470480 5470930 3 7 2 3 5290 470400 5473310 1 3 -0.4	5287 667280 5	468480	0.9 -0.7	5288 667550	5468210	2.0 0.4
J203 01000 J4103J0 J.1 2.J J274 J1000 J410310 1.5 -0.4	5289 670680 5	<u>470930</u>	3.7 2.3	5290 670600	5470310	1.3 -0.4

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SAMPLE EAST NORTH U OR U PS SAMPLE EAST NORTH U OR U RS

	5291	671540	5465910	<u>1.4 -0.1</u>	5292 672120 5466550 1.3 -0.2
•	5 29 3	675320	5471340	1.7 -0.0	5294 675950 5471130 1.9 0.2
	5295	672910	5466990	1.2 -0.3	5297 673380 5567550 1.6 -5.5
	5298	673720	5468140	1.6 0.1	5299 674050 5469210 1.7 0.2
	5 300	669910	5473400	1.8 0.0	5301 670010 5473120 2.0 0.2
	5 302	670730	5473610	1.7 -0.1	53)3 670550 5473460 1.7 -0.1
	5304	671570	5473160	1.5 -0.2	5305 672350 5472730 1.6 -0.2
C	5 3 0 6	673220	5472280	1.9 0.3	5307 673830 5472100 1.6 -0.0
	5 30 8	674110	5472110	1.9 0.3	5309 674420 5471500 1.4 -0.2
	5310	668880	5471120	1.3 -0.4	5311 668950 5470550 3.0 1.3
	5313	669250	5470280	1.3 -0.4	5314 670260 5470080 1.3 -0.4
	5315	671050	5469570	1.4 -0.2	5316 672070 5469230 1.9 0.3
	5317	673200	5468860	1.5 -0.0	5318 673950 5468950 1.7 0.2
-	5319	665070	5458420	1.3 -0.1	5320 665850 5458400 1.1 -0.3
	5321	668030	5468270	1.3 -0.3	5322 669000 5468310 1.4 -0.2
	5323	669760	5467880	1.4 -0.2	5324 669720 5467560 1.6 -0.0
	5325	670890	5467423	1.3 -0.2	5326 671720 5466940 1.5 -0.0
	5327	669570	5461740	1.8 0.1	5329 570140 5461370 2.0 0.2
	<u>5 33 0</u>	670820	5460760	3.8 2.0	5331 669210 5461770 1.6 -0.1
	5 332	664190	5461810	0.7 -0.4	5333 664840 5462380 1.0 -0.1
	5334	663670	5462600	1.0 -0.3	5335 664180 5462800 1.3 0.0
	5336	665230	5461610	1.2 -0.2	5337 665850 5460940 0.9 -0.5
	5338	681320	<u>5437960</u>	1,5 0.1	5339 682020 5437710 1.1 -0.3
•	5340	663760	5459910	1.0 -0.1	5341 662760 5460000 1.0 -0.1
	5 3 4 2	674560	5469743	1.3 -0.2	5343 675040 5470090 1.2 -0.3
3	5345	675610	5470550	1.3 -0.4	5346 676240 5471030 1.2 -0.5
·	5347	682200	5431100	2.5 0.8	5348 681890 5432320 0.8 -0.9
	5 349	681660	5431753	2.2 0.5	5350 679950 5432300 1.2 -0.4
	5 351	679310	5432900	1.9. 0.4	5352 679470 5433560 1.3 -0.2
	5353	679470	5434020	1.3 -0.2	5354 679630 5434400 1.5 -0.0
	<u>5 355</u>	679490	5435160	1.5 0.1	<u>5356 679050 5435540 1.9 0.5</u>
	5357	679090	5435730	1.4 -0.0	5358 677220 5438550 1.4 0.0
	5359	678090	5451490	1.3 -1.1	<u>5361 678130 5452190 1.1 -1.3</u>
	5 362	678080	5452550	1.7 -0.5	5353 678530 5453040 1.0 -1.2
	5364	663820	5458550	2.0 0.2	5365 669130 5459080 3.2 1.4
	5366	668920	5459020	1.7 -0.1	5367 668780 5459690 2.3 0.5
	5368	668670	<u>546 03 90</u>	1.7 3.3	5359 565490 5460970 2.1 0.4
1	5370	668300	5450830	1.4 -0.3	5371 558850 5451330 1.4 -0.3
	5372	684.000	<u>_543045J</u>	1.5 - 0.9	53/3 682750 5430/10 2.2 0.7
	5374	666810	5458250	1.1 -0.3	5375 567140 5458720 0.9 -0.5
	5311	667500	<u>5459215</u>	1.5 -9.3	5378 667810 5459850 1.5 -0.5
	5379	668070	5460550	1.4 -0.3	5380 679230 5442150 1.4 -0.1
	5 2 8 2	679390	5442420	$\frac{3.4}{1.2}$	5284 670849 544140 1.6 0.1
	5383	680050	5441153	1.2 -0.3	5384 879849 5441410 1.5 9.0 5384 879849 5441410 1.5 9.0
	5385	670220	<u>5463280</u>		
	5 387	610760	5465143	1.6 0.0	5388 670950 5464050 1.2 -0.4 $5399 677660 5671190 1.4 -0.3$
	5 201	670:00	2402100	$\frac{1.4 - 0.1}{2.7 - 0.0}$	5393 679000 5445260 1 7 0 1
	2 271	619120	5445090	2+1 3+3	5295 6779900 5445290 1+7 -9+1 5295 679900 5645030 1 0 -3 9
	5394	610010	5443140	<u>2.1 U.5</u>	$\frac{1}{1000} \frac{1}{1000} \frac{1}{1000} \frac{1}{1000} \frac{1}{1000} \frac{1}{1000} \frac{1}{1000} \frac{1}{1000} \frac{1}{10000} \frac{1}{10000} \frac{1}{10000} \frac{1}{100000} \frac{1}{100000} \frac{1}{100000} \frac{1}{1000000} \frac{1}{100000000} \frac{1}{10000000000000000000000000000000000$
٦	0700 C 200	470010	5626600	2 5 1 1	5229 677560 5437550 1 4 -0 0
	5 400	675600	5447471	$\begin{array}{c c} c \bullet J & 1 \bullet I \\ \hline 0 & 6 & -0 & 0 \\ \end{array}$	$\frac{5337}{54211} \frac{51750}{54211} \frac{1.4}{7} - 0.7$
	5400	675520	5441023	0.0 - 0.9	5433 676370 5440230 0.0 -0.5
******	5404	676460	5439000	<u> </u>	5405 677010 5437150 1.2 -0.9
	5704	662010	5459690	0.8 -1 3	5407 662270 5459490 1.0 -0.1
	2496	004010	777670	0.0 0.0	JIU ULLIV JIJJJJ IIU VIL

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SAMPLE EAST NORTH U OR U RS SAMPLE EAST NORTH U OR U RS

5409 661440 5459860 1.1 0.0	5410 661330 5459550 0.7 -0.4
5411 660650 5459670 1.1 0.0	5412 660040 5459780 1.6 0.5
5413 665030 5460000 1.0 -0.2	5414 665670 5460430 1.3 -0.1
5415 666180 5460952 1.7 0.3	5416 666870 5460840 1.3 -0.1
5417 679740 5441670 1.6 0.1	5418 579500 5441760 1.0 -0.5
5/19 679340 5441850 1.6 0.1	5420 679160 5441940 1.0 -0.5
5413 073340 5441050 1.0 0.1	5422 479110 5442610 1.7 0.1
	5425 678670 5662080 1 3 -0.2
	5425 010010 5442000 1.5 002
5420 070410 5442105 1.1 -5.4	5421 678200 5442110 1.0 0.1
	5429 670020 5442100 1.0 0.1
5433 677880 5442063 1.4 -0.1	5431 071130 5447030 0.0 0.0 0.0
5432 677570 5442020 1.3 -0.2	5435 071500 5442020 1 + 2 = 0.2
<u>5434 677130 5442060 1.5 0.1</u>	$5435 676370 5442100 1 \cdot 1 = 0 \cdot 5$
5436 676590 5441973 1.2 -9.2	5437 579300 5457140 1.7 0.5
<u>5438 678780 5436670 1.5 0.1</u>	5439 678270 5437210 2.4 1.0
5441 677820 5437960 1.4 -0.0	5442 677550 5438610 1.8 0.4
<u>5443 677150 5439540 1.2 -0.2</u>	5444 677160 5440640 1.7 0.3
5445 676730 5441560 1.5 0.1	5446 685860 5447530 5.2 I.6
5447 685840 5447313 3.7 0.2	5448 685180 5447250 2.8 -0.7
- 5449 682110 5436810 1.3 -0.1	5450 681640 5437070 1.2 -0.2
5451 681670 5436640 0.9 -0.5	5452 681610 5436130 1.8 0.4
5453 681170 5436000 1.2 -0.2	5454 681240 5435500 1.2 -0.2
<u>5455 680560 5435800 1.1 -0.3</u>	5457 679750 5435010 1.2 -0.2
5458 679550 5435580 1.5 0.1	5459 675850 5443160 0.6 -0.9
5460 677990 5437320 1.0 -0.4	5451 578530 5445010 1.7 -0.1
5462 678440 5444730 1.1 -0.6	5453 678420 5444480 2.6 0.9
5464 678580 5444230 3.7 2.1	5455 678900 5444170 1.5 -0.1
5466 679190 5444250 2.2 0.6	5457 679500 5444230 3.7 2.1
5468 677970 5444640 1.9 0.3	5469 677760 5444650 1.7 0.1
5470 677360 5444710 1.9 0.4	5471 577070 5444710 1.7 0.2
5473 676880 5444750 2.0 0.5	5474 679010 5432380 2.0 0.4
· 5475 678880 5431520 1.8 0.2	5476 678860 5430940 1.9 0.3
5477 678830 5430090 1.8 0.2	5478 679180 5430600 1.3 -0.3
5479 679360 5431270 1.9 0.3	5480 679350 5432070 1.5 -0.1
5481 676700 5436640 1.1 -1.0	5482 675970 5444150 1.1 -0.4
5483 676570 5441820 1.3 -0.1	5484 676550 5442590 1.6 0.1
5485 676380 5442780 0.5 -1.0	5486 676720 5443440 2.0 0.5
5487 676800 5444590 1.5 -0.0	5489 676750 5445620 2.1 0.5
5490 676450 5446420 1.4 -0.2	5491 576250 5447170 1.5 -0.1
5492 676120 5447290 1.3 -0.3	5493 675680 5446820 1.1 -0.5
5494 681650 5450800 2.9 -0.1	5495 681210 5451280 2.5 -0.5
5495 680080 5452120 1.8 -1.2	5437 679080 5452350 1.2 -1.2
5498 679320 5452530 1.2 -1.0	5499 679910 5453110 1.5 -0.7
5500 680420 5454660 1.3 -1.1	5501 680070 5457540 1.2 -0.1
· 5502 679540 5457730 1.2 -1.0	5503 681770 5458970 1.4 -0.8
5505 681050 5458710 1.4 -0.8	5536 680210 5458450 1.8 -0.4
507 679540 5453260 1.2 -1.0	5508 679500 5459010 1.4 -0.8
5500 670440 5450350 1.2 1.0	5510 678870 5460000 1.3 -1.4
	5512 679030 5461090 1.6 -1.1
5512 678200 5461543 1 3 -1 4	5514 684880 5469280 3.9 0.3
$\frac{1}{2} = \frac{1}{2} = \frac{1}$	5514 684310 5449160 -1 0 -3 0
$\frac{3313}{517} \frac{664640}{674610} \frac{3444330}{517} \frac{-1.0}{0} \frac{3.0}{0}$	551 2 677090 5471570 -1 0 0 0
5511 010510 5450410 T.U J.U	5521 678350 5472560 -1 0 0 0
<u>5513 011/30 5411/50 -1.0 0.0</u>	5523 677990 5474400 -1 0 0 0
5522 01000 541333J TI+V J+J	522 - 517720 - 517700 - 100 - 000
5524 610190 5415405 -1.0 U.J	JJEJ 011020 JT10210 110 010

	PRINIC	GEOC HEMISTRY	URE	SIDUALS LIS	T PAC	SE 56		
	SAMPLE EAST	NORTH U OF	≀ U R S	SAMPLE EAST	NORTH	UOR	URS	
	5525 678360	5476450 -1.0	0.0	5527 678510	5477110	-1.0	0.0	
•	5528 519220	54/7/50 -1.0	0.0	- 2229 019290 - 5521 600160	5486160	-1.0	0.0	
	5532 688600	548524(1 - 1.0)	0.0	<u>5533 677970</u>	5451140	-1.0	0.0	
	5534 674260	5445550 -1.0	0.0	5535 574390	5445930	-1.0	0.0	
	5537 675180	5447140 -1.0	0.0	5538 678090	5449030	-1.0	0.0	
	5539 676170	5448080 -1.0	0.0	5540 678530	5449840	-1.0	0.0	
	5541 678260	5450590 -1.0	0.0	5542 677450	5450990	-1.0	0.0	
	5543 677580	5452000 -1.0	0_0	5544 677790	5452690	-1.0	_0.0	
	5545 678030	5453330 -1.0	0.0	5546 678310	5454220	-1.0	0.0	
	5547 676320	5456780 -1.0	0.0	5548 675680	5457750	-1.0	0.0	and the second
	5549 673420	5457780 -1.0	0.0	5570 674140 5557 673090	545781U	-1.0	0.0	
	5551 673720	5457660 -1 0	0.0	5535 575000	5459530	-1.0	0.0	
-1	5556 676750	5459350 -1.0	0.0	5557 678950	5455860	-1.0	0.0	
	5558 676630	5458920 -1.0	0.0	5559 677390	5458990	-1.0	0.0	
	5560 675510	5468710 -1.0	0.0	5551 679600	5450420	-1.0	0.0	
	5562 678680	5450470 -1.0	0.0	5553 683350	5481950	-1.0	0.0	
	5564 685230	5482260 -1.0	0.0	<u>5555 68663</u> 0	5481570	-1.9	0.0	
• • • •	5566 688380	5481580 -1.0	0.0	5557 679070	5453070	-1.0	0.0	
	5569 679410	5453550 -1.0	0.0	5570 679830	5454420	-1.0	_0.0	
	5571 679780	5455010 -1.0	0.0	5572 679810	5455590	-1.0	0.0	
	5573 682080	5448940 - 1.0	0.0	5574 681380	5450000		0.0	
•	5577 688900	5449300 -1.0	0.0	5578 683620	5449070	-1.0	0.0	
;	5579 682780	5449120 -1.0	0.0	5580 690320	5482060	-1.0	0.0	
121	5581 691430	5482050 -1.0	0.0	5582 693230	5481440	-1.0	0.0	
	5583 694900	5479940 -1.0	ა.ე	5585 696490	5479750	-1.0	0.0	
	5586 676290	5465120 -1.0	0.0	<u>5587 67592</u> 0	5460940	-1.0	0.0	
	5588 676570	5461433 -1.0	0.0	5589 675170	5463080	-1.0	0.0	
	5590 675990	5463050 -1.0	0.0	<u>5591 697330</u>	5479280	-1.0	0.0	
	5592 698740	5478090 -1.0	0.0	5593 699030) 5477500) 5476500	-1.0	0.0	
	5594 700280	547620 -1 0	0.0	5597 704160	5473590	-1.0	0.0	
	5598 705510	5473670 -1.0	0.0	5599 706650	5473350	3.7	0.5	
	5601 707120	5472880 1.7	-1.4	5602 707860	5472410	2.2	-0.5	
	5603 710560	5471280 3.1	-0.3	5604 709030	5471890	-1.0	0.0	
	5605 704900	5473480 -1.0	0.0	56)6 703730	0 5473600	-1.0	0.0	
	5607 701520	5475260 -1.0	ു. റ	5608 699410) 5475510	-1.0	0.0	
	56)9 698700	5476780 -1.0	0.0	5610 685140) 5446960	-1.0	0.0	
	5611 684630	5447130 -1.0	0.3	5612 684580	5446990	-1.0	0.0	
	5613 685380	5445990 -1.0	0.0	5617 683100 5617 68377/) 5445750	-1.0	0.0	
	5612 602000	5447110 -1.0	0.0	5619 683521	5447440	-1.0	0.0	
	5620 682810	5447660 -1.0	0.0	5621 682080) 5447830	-1.0	0.0	
	5622 698550	5477850 -1.0	2.0	5623 697050	5479140	-1.0	ŋ . 0	
	5624 694770	5479870 -1.0	0.0	5625 693660	5480790	-1.0	0.0	
ويتبعه	5626 690310	5481110 -1.0	0.0	5627 68891) 5484290	-1.0	0.0	
	5628 689240	5483380 -1.0	0.0	5629 689950	5482630	-1.0		
-	5630 690770	5481920 -1.0	9.0	5631 70877) 5484340	-1.0	0.0	
	5633 108850	5483790 -1.0	<u> </u>	5634 108990	J <u>3483880</u> J 5455760	<u> </u>	0.0	
	5635 109330 5627 670660	- 2484420 -1.0 - 5451800 -1 0	0.0	- 2020 000201 - 5628 201500	5451910 5451910	-1.0	0.0	
	5639 680800	5452520 -1.0	0.0	5640 681670	5447200	-1.0	0.0	
	5641 680920	5446930 -1.0	0.0	5642 68874	5481270	-1.0	0.0	

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SAMPLE EAST NORTH U OR U RS SAMPLE EAST NORTH U OR U RS

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	5643	686750	5481480	-1.0	0.0	5644	684750	5481670	-1.0	0.0	
	5645	683730	5481650	-1.0	0.0	5646	682180	5481400	-1.0	0.0	
	5647	710430	5478500	7.3	-1.4	5649	710570	5473440	14.5	5.8	
	5 6 5 0	710660	5477730	16.2	7.5	5651	710800	5476920	11.7	3.9	
	5652	711420	5476350	-1.0	0.0	5653	711840	5475830	11.3	3.5	
	5654	711580	5475100	4.9	-2.9	5655	711850	5474990	1.9	-3.9	
	5656	711880	5474240	9.7	3.9	5657	712380	5473410	5.7	-0.1	
1	5658	713030	5472910	6.0	0.2	5659	712850	5471840	4.3	0.6	
зð	5660	705330	5465900	3.1	0.3	5651	705970	5466090	2.2	-0.6	
	5662	706240	5466450	2.7	-0.1	5653	709780	5484980	-1.0	0.0	
	5665	709830	5485400	-1.0	0.0	5656	710270	5485910	-1.0	0.0	والمحافظة و
	5667	710320	5486620	-1.0	0.0	5658	709110	5483310	-1.0	0.0	
	5669	697300	5470550	-1.0	0.0	5670	696900	5471040	-1.0	0.0	
	5671	696540	5471570	-1.0	0.0	5672	696210	5472270	-1.0	0 • J	
	5673	696190	5472960	-1.0	0.0	5674	709340	5482160	-1.0	0.0	
	5675	709200	5481680	-1.0	0.0	5676	709470	5481330	-1.0	0.0	
	5677	704550	5469100	. 1.2	-1.1	<u>5678</u>	709870	5480370	-1.0	0.0	
	5679	710340	5479440	-1.0	0.0	5681	704770	5469230	1.3	-1.0	
	5682	705310	5470060	2.1	-0.1	5683	705460	5470790	2.5	0.3	
	5684	705750	5471510	1.9	-0.3	568 5	706180	5480510	-1.0	0.0	
. ſ	5686	707230	5480140	-1.0	0.0	5687	707700	5479480	-1.0	0.0	
	5688	708290	5478750	-1.0	0.0	5689	709180	5478160	-1.0	0.0	
	5690	709810	5478370	4.8	-2.9	5691	700940	5464880	2.4	-0.4	
	5692	701830	5465260	2.0	-0.5	5693	702410	5465960	1.6	·-0 . 9	
	5694	702720	5466760	1.9	-0.9	5695	687120	5489700	-1.0	0.0	
	5697	686540	5490200	-1.0	0.0	5698	686700	5490700	-1.0	0.0	
	5699	696550	5491250	-1.0	0.0	5700	702230	5461530	1.7	<u>-1.8</u>	
	5 701	700420	5464830	1.8	-1.0	5732	698740	5462820	-1.0	0.0	
	5703	699110	5463370	-1.0	0.0	5704	697580	5461870	-1.0	0.0	A 12 8 1999 1993 1993 1997 1997 1997 1997 1997
	5 705	697260	5462500	-1.0	0.0	5706	707600	5482250	-1.0	0.0	
	5707	706940	5482650	-1.0	0.0	5708	706360	5483180	-1.0	0.0	
•	5 709	705620	5483700	-1.0	0.0	5710	708340	5482080	-1.0	0.0	
- \	5 711	708740	5481860	-1.0	0.0	5/13	708720	5481400	-1.0	0.0	
	5714	709080	5476820	6.8	-0.1	5/15	709130	5480590	-1.0	0.0	
	5716	108340	5485220	-1.0	<u> </u>	5/1/	710000	5477580	2.2		
	5718	710140	5477050	1+1	-0.1	5/19	708110	5485260	-1.0	0.0	
	5 120	708400	5485910	-1.0		5722	705240	2480400	71.0	<u> </u>	
	5722	705960	5466550	4.1 2.0	1.5	5125	705300	5467550	2.0	 ງ_1	
	2124	705360	5463420	2 . 7	0.7	5727	409240	5457920	. (• 		
	5120	105240	546961J	-1 0	0.7	5720	608050	5459270	-1 0	0.0	
<u></u>	5 720	697400	5/58220	-1.0	0.0	5731	698120	5453730	-1.0	0.0	
	5722	690190	5450550	_1 0	0.0	5734	698040	5459960	-1.3	0.0	
	5725	696080	5461000	-1.0	0.0	5726	697460	5462950	-1.0	0.0	
	5727	603500	5463130	5 2	1 0	5728	694070	5463700	2.3	-1.9	
··	5720	695560	5462971	2.3	-1.1	5740	695500	5463910	2.7	-0.7	
	5761	720410	5475460	2.9	-1.7	5742	719780	5475210	5.4	-0_9	
-	5743	719740	5474510	2.1	-2.2	5744	722390	5474780	3.2	-17	
	5745	730280	5475730	1.7	-3.0	5747	706170	5472320	2.6	0.4	
	5748	706850	5472900	1 9	-1.2	5749	692050	5464650	13.1	3.7	
	5750	692900	5464800	8.7	4_5	5751	693950	5465000	5.1	1.0	
	5752	703050	5461140	2.0	-2.1	5753	702740	5461950	1.6	-2.5	
	5754	702940	5462370	2.6	-1.5	5755	703060	5463090	1.6	-1.9	
	5 756	703240	5463990	2.0	-1.5	5757	704080	5464340	2.0	-1.5	
	5 758	704790	5464780	7.9	4.4	5759	704540	5465100	_2.8	<u> </u>	
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	SAMPLE EAST	NORTH	U OR U FS	SAMPLE EAST	NORTH	UDRURS	
*	<u>5760 698850</u>	5471390	4.6 1.8	5751 700020	5471830	8.5 5.8	
•	5763 693880	5471260	2.4 -0.5	5754 693830	5471080		
	5765 707970	5487280	12.8 4.1	5756 708270	5488290	15.1 3.1	·····
	5767 708400	5484300	3.9 -2.1	5758 699930	5470520	2.4 -0.4	
	5769 100/20	5470850	2.4 -0.3	5770 703520	5467433	$\frac{1 \cdot 8 - 1 \cdot 0}{2 \cdot 2}$	
	5771 703940	5468100	2.0 -0.3	5772 701610	5470980	2+3 ~0+4	
	5113 102330	5471330	2.3 -0.4	5714 102420	5471380	2.5 -0.2	· · · · · · · · · · · · · · · · ·
	5775 702700	5472450	2.4 0.1	5716 703500	5472090	$2 \cdot 0 = 0 \cdot 8$	
	5711 105930	5475200	$\frac{1.0 - 1.2}{2.6 - 0.0}$	5701 727200	5471790	21-13	
	5183 120019	5471220	2.0 -0.0	5702 606000	5470110	2 8 0 2	
	5704 (0/500	5470700	4.0 2.3	5795 606190	5460010	$\frac{2 \cdot 0}{13 - 13}$	
	5104 09629U	546771	1 + 3 = 1 + 3	5787 605250	5467730	1.6 -1.0	
	5700 095000	5467900	10 - 0.7	5789 696780	5469490	2.3 -0.3	
,ł	5700 695200	5473010	23 - 04	5791 728320	5468870	0.9 - 1.5	
.	5792 726750	5470010	2 - 3 - 1 - 1	5793 726640	5470510	1.8 -1.6	· · · · · · · · · · · · · · · · · · ·
	5795 726130	5471330	2.3 -1.1	5796 725840	5472280	3.3 -0.1	
	5797 724600	5472501	8.1 3.2	5798 694860	5470810	3.4 0.5	
	5799 695730	5470640	3.2 0.5	5800 696390	5470300	4.3 1.5	
	5801 721510	5473720	3.5 - 1.0	5802 720940	5473290	3.7 -0.8	
	5803 720430	5472650	3.1 -1.4	5804 720500	5472460	3.8 -0.3	
	5805 719590	5471980	2.8 -0.8	5806 719250	5470800	2.9 -0.7	
	5807 719120	5469670	2.9 -0.9	5808 719340	5468520	7.2 3.4	
	5809 695000	5465000	4.7 1.1	5811 695540	5464930	2.9'-0.5	
	5812 696330	5465320	3.4 0.6	5813 697160	5465680	1.5 -1.3	
ก่	5814 697470	5464690	1.9 -1.5	5815 697360	5461090	1.9 -1.6	
	5816 719150	5468580	6.1 2.3	5817 719230	5467780	6.8 3.0	
	5818 718970	5467840	4.3 0.5	5819 718130	5467020	6.6 3.3	
	5820 717630	546631)	1.71.6	5821 717360	5466340	3.0 0.1	
	5822 716440	5465940	2.8 -0.1	5823 727940	5466980	1.5 -0.6	
	5824 726500	5466390	3.8 1.4	5825 697720	5470140	1.7 -1.1	
	5827 699280	5470310	2.3 -0.5	5828 700350	5471260	1.8 -0.9	
	5829 701360	547138J	2.1 -0.6	5830 727040	5469010	2.5 -0.1	
	5831 727610	5468470	2.3 -0.1	5832 728080	5463420	2.6 0.2	
	5833 728460	5467640	1.7 -0.7	<u>5834 729200</u>	5466990	1.8 -0.3	-
	5835 729540	5465980	1.8 -0.3	5836 729950	5465400	1.5 -0.6	
	5837 730140	5465530	2.4 0.0	5838 130670	5465030	1.4 - 1.0	
5	5839 731040	5454590	1.4 - 0.9	5840 (43210	5445700	2+0 0+1	
	5841 144030	5446150	1.0 - 0.3	5045 145700 5045 745020	<u>2440220</u>	$\frac{2+3}{15}$ 0.1	
		5446053	1.0 - 0.1	504J 143930 5847 720080	5445550	1.6 -0.6	
	5040 720000	5445400	1.0 -0.2	5040 729400	5466660		
	5040 727270	5466313	$1 \cdot 7 = 0 \cdot 2$ 2 2 $-0 \cdot 2$	5351 728580	5470400	3.1 0.3	
	5252 729320	5470300	27-01	5853 730200	5470150	2.6 -0.2	
	5854 731330	5470010	2.5 - 0.3	5855 742120	5447750	5.4 3.3	
	5856 741540	5448080	1.9 -0.2	5857 741240	5447890	1.2 -0.9	·····
	5859 741250	5448620	2.0 - 0.1	5860 741070	5449440	1.3 -0.8	
	5861 741190	5449580	1.7 -0.4	5852 745150	5449870	1.0 -0.8	
	5863 746030	5449380	2.5 0.8	5854 747050	5449230	2.7 0.9	
 •	5865 747810	5449520	1.4 -0.8	5856 748540	5449440	1.9 -0.3	
4	5867 716680	5453410	2.8 -0.1	5858 714460	5452190	3.3 - 0.4	
	5869 714420	5452510	3.3 -0.5	5870 715200	5452350	5.9 2.9	
_	<u>5871 715650</u>	5452680	4.1 1.2	5872 716370	5453090	3.3 0.4	
	5873 729280	5474040	2.2 -1.3	5875 729150	5473760	3.0 -0.5	
	5876 729830	5473200	2.9 -0.5	5877 731330	5473260	2.7 -0.6	·····

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SAMPLE EAST NORTH U OR U RS SAMPLE EAST NORTH U OR U RS

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	5878	731290	<u>5472980</u>	3.0	-0.3	<u>5879</u>	731780	5471750	1.7	-1.1	
	5880	731980	5470670	2.2	-0.6	5881	731390	5469640	2.0	-0.5	
	5882	731250	5468570	1.8	-0.8	5883	731640	5467730	1.9	-0.7	
	5 884	731900	546704)	2.3	-0.1	5885	730880	5478130	3.1	-3.4	
	5886	735240	5479290	4.9	-1.2	5887	735500	5479790	5.9	-0.2	
	5888	734130	5473800	4.3	-2.2	5889	733000	5478210	3.8	-2.7	
	5891	733660	5477670	3.5	-3.0	5892	733720	5473300	4.5	-2.0	
-	5893	733830	5478550	5.3	-1.2	5894	732580	5478370	6.2	-0.3	
1	5 895	723750	5473600	15.9	11.0	5896	724160	5476390	10.1	4.5	
	5897	725520	5476300	6.7	1.5	5898	726200	5477550	7.3	1.4	
	5899	725990	5478280	5.1	-0.8	5900	726910	5478010	4.9	-1.0	
B. 1	5901	726950	5478420	5.6	-0.3	5902	726520	5479060	4.7	-1.2	
	5903	727530	5478800	5.5	-0.5	5904	727440	5478710	2.7	-3.2	
	5905	728370	5478600	4.3	-1.7	5927	741920	5457140	10.2	5.3	
	5908	742550	5457710	5.8	0.0	5939	743620	5449870	3.5	1.5	
	5910	743260	5450700	-1.0	0.0	5911	743030	5451860	-1.0	0.0	
	5912	743310	5451940	1.8	-0.4	5913	743860	5452530	1.3	-2.8	
	5914	744900	5452890	1.1	-3.0	5915	745970	5452970	1.6	-3.7	***
	5916	746850	5452663	1.6	-3.7	5917	714560	5451040	3.7	0.0	
	5918	715260	5451160	2.1	-0.9	5919	715220	5450930	5.0	2.0	
a'	5920	715490	5450780	2.1	-0.9	5921	715750	5450830	1.6	-1.4	
	5923	716110	5451160	2.3	~0.7	5924	716460	5451000	1.8	-1.2	
	5925	717260	5451390	2.6	-0.4	5926	724770	5475500	8.0	2.4	
	5927	724960	5475540	4 8	-0.8	5928	747300	5445380	1.8	· 0.1	
	5929	748370	5445851	1.5	-0.3	5930	749040	5446330	1.7	-0.1	
<u> </u>	5931	711220	5451030	8.1	2.6	5932	713870	5450620	5.0	-0.5	
	5933	710760	5449393	2.6	-2.5	5934	740890	5452610	1.8	-1.5	
<u> </u>	5935	741460	5456510	4.2	-0.7	5936	742200	5457320	4.2	-0.7	
	5937	740760	5455960	4.6	-0.3	5939	740030	5455070	3.6	-0.1	
	5940	739410	5454450	3.2	0.2	5941	739670	5455510	1.7	-2.5	
	5942	738490	5453640	3.2	0.2	5943	714190	5453530	1.9	-1.9	
	5944	715070	5454190	3.0	0.1	5945	715350	5454580	1.7	-1.2	
,t	5946	716010	5453890	1.8	-1.1	5947	716200	5455800	1.5	-1.3	
	5948	716830	5455590	1.6	-1.2	5549	716830	5454830	1.5	-1.4	
	5950	717200	5454380	1.8	-1.1	5951	718480	5450850	2.5	-0.5	
	5952	718370	5450090	4.0	1.0	5953	718290	5449540	3.3	-0.0	
	5955	740590	545 0000	2.0	-0.1	595.6	740590	5450210	1.3	-0.8	
	5957	740020	5450400	1.8	-0.3	5958	738780	5451150	2.1	0.0	
	5959	738500	5451190	1.6	-0.5	5950	738460	5451330	1.9	-0.2	
	5961	743120	5458230	7.6	1.8	5952	743450	5458600	17.1	11.3	
	5963	744540	5457710	4.7	-1.1	5954	745060	5459580	2.8	-4.2	
	5965	745720	5458560	3.9	-3.1	5956	748480	54542501	105.0	99.0	
	5967	743890	5448440	1.8	-0.1	5958	744160	5447960	2.3	0.4	
	5969	744850	544782)	0.6	-1.3	5971	745460	5443080	1.0	-0.8	
	<u>5972</u>	746040	<u>544</u> 8030	0.7	-1.1	5973	<u>746410</u>	5447850	-1.0	0.0	
	5974	747030	5447950	2.4	0.6	5975	747790	5448120	1.3	-0.9	
	5975	748440	544834)	1.2	-1.0	5977	749120	5448430	3.9	1.7	
	5978	746930	5455810	29.3	21.9	5979	747560	5455640	7.4	-0.5	
	5980	748350	5455940	7.2	-0.7	5981	748400	5457620	3.0	-4.7	
	5 982	748150	5459950	26.5	13.8	5983	748960	5458710	19.5	11.8	
	5984	749600	5459300	4.8	-2.9	5985	695340	5432360	4.1	-1.0	
	598 7	695140	5432680	3.7	-1.5	5988	695520	5432670	6.1	0.9	
	5989	695020	5433820	2.6	-2.6	5990	721450	5456190	2.7	-0.0	
	5991	721020	5455660	2.9	0.2	5992	720300	5456630	2.3	-0.4	
	5 993	720300	5456350	4.1	1.4	5994	720230	5455740	4.7	2.0	

PRINIC	GEOCHEMIS	STRY U RE	SIDUALS LIST) A 9	SE 60	
SAMPLE EAST	NORTH	UCRURS	SAMPLE EAST	NORTH	UCRURS	_
5995 719270	5454840	3.5 0.8	5996 718790	5453960	2.9 0.2	
5997 (18720	5451630	3.1 0.4	6000 718210	5451350	2.6 -0.4	
6001 712140	5450400	2.9 -2.5	6003 712170	5449570	2.3 -2.8	
6004 712520	5443710	3.5 -0.1	6005 712160	5448300	5.6 0.5	
6006 712530	5447880	2.7 -0.9	6007 712720	5447290	4.1 0.3	
6008 712440	5446940	3.7 - 1.1	6009 712320	5446190	$\frac{3 \cdot 1 - 1 \cdot 1}{12 \cdot 6}$	
6010 724160	5476390	6.0 0.4 / / - 0 E	011 728410	5478940	13+4 7+4	
	5446155	$\frac{4.0 - 0.5}{3.0 - 1.8}$	6015 718800	5479330	76 - 0.1	
6016 718500	5478670	9.9 2.2	6017 718510	5478430	10.1 2.4	
6019 717090	5478340	11.0 1.9	6020 716170	5477590	10.1 1.0	
6021 715610	5477720	10.4 1.3	6022 714340	5478010	20.1 10.8	
- 6023 717970	5448760	3.2 -0.1	6024 717320	5448090	2.9 -0.2	
6025 716760	5447133	4.3 0.7	6026 716260	5446540	3.1 -0.5	
6027 715200	5446250	2.8 -0.8	6028 714300	5446050	$3 \cdot 2 = 0 \cdot 6$	
6029 712540	5446090	$3 \cdot 2 - 0 \cdot 6$	6032 711380	5446090	$\frac{3.9}{2.9}$ - 1.9	
6033 710160	5445940	3.0 - 1.8	6035 709360	5446260	3.3 -2.5	
6035 708290	5445640	3.4 -2.4	6037 707340	5447090	2.5 -4.0	
6038 706590	5447910	5.3 -2.1	6039 705790	5447890	2.1 -5.3	
6040 704540	5447770	3.7 -3.6	6041 703820	5447880	4.5 - 2.8	
6042 702830	5448000	2.7 -4.6	6043 701860	5447660	3.7 - 3.3	
6044 725400	5474830	3.1 -1.2	6045 726180	5474160	$2 \cdot 9 - 1 \cdot 4$	
6046 727080	54/3900	2.8 - 1.5	6041 121050	5474030	$3 \cdot 2 - 1 \cdot 1$	
6051 728790	5473960	$2 \cdot 3 - 1 \cdot 2$ 3.7 0.2	6052 694750	5434010	4.7 0.3	
6053 694100	5435410	4.5 0.1	6054 694030	5435190	1.7 -2.7	
6055 693950	5435940	7.0 2.6	6056 694130	5436120	3.8 - 0.6	
6057 694250	5437030	3.0 -1.4	6058 694380	5436780	1.9 -2.5	
6059 694700	5437520	4.3 -1.1	6060 695040	5438140	2.9 -3.2	
6061 695550	5439050	4.0 -2.1	6052 695380	5439860	26.8 20.7	
6063 695680	5439800	4.0 -2.1	6054 6957 ()	5440620	18.0 10.8	
	5440960	3.6 -3.6	6057 695380	5440870	2.2 - 5.0	
<u>4070 696140</u>	5443080	7.7 0.6	<u>6039 695390</u> 6071 696690	5443440	2.6 - 4.5	
6072 696700	5443550	12.2 5.1	6073 696710	5444210	4.0 -3.1	
6074 697130	5445210	3.5 ~3.2	6075 697560	5446120	4.8 -1.9	
6076 697670	5445733	3.7 -3.0	6077 693510	5446180	4.4 -2.3	
6078 698650	5447010	-1.0 0.0	6079 699500	5447240	2.8 -3.9	
6080 700340	5447413	2.8 -4.0	<u>5081 700040</u>	5447670	$\frac{3.9 - 3.1}{2.2 - 0.1}$	
6083 730700	5448350	0.U 2.5	- 0004 712920 - 6086 712620	- 5453570 - 5662750	0 + 0 − 0 + 4 0 = -1 1	
6087 714600	5442571	$\frac{2 + 2}{1 + 5} = \frac{-1 + 4}{-7 + 1}$	6088 714720	5448130	$\frac{c+2}{1.6}$	
6089 715460	5447930	1.7 -1.4	6090 716150	5447680	3.1 3.0	
6091 716780	5447340	2.5 -1.1	6072 727690	5463570	1.5 -0.5	
6093 728320	5462730	1.7 -0.3	6094 716730	5453820	2.5 -0.4	
6095 717530	5453940	1.3 -1.4	6096 717620	5453630	2.2 -0.5	
6097 717560	5453480	3.3 0.6	6099 718310	5453010	2.9 3.2	
6100 719480	5473710	4.1 -0.2	6101 729940	5446730	1.7 -2.7	
6102 729730	5441720	3.4 - 1.0	<u>6103 729930</u>	5448290	5.1 1.3	
0104 (31440 2186 732538	5450540	1 1 -1 2	- 0100 131330 - 0100 131330	5450290	0+7 = 2+0 1.1 = 1.2	
6108 7342 90	5450150	1.2 -1.1	6109 735300	5450250	1.1 - 0.9	
6110 713410	5458920	3.6 0.0	6111 713600	5458730	7.4 3.8	
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ş	PRINIC	GEOCHEMIS	STRY URI	ESIDUALS LIST	r pag	6E 61	
	SAMPLE EAST	NORTH	U DR U RS	SAMPLE EAST	NORTH	UCRURS	· _ · _
	6112 713940	5459020	2.3 -1.3	6113 714250	5459080	2.6 -1.0	
	6115 727530	5449280	3.3 -1.1	6116 728513	5449310	8.5 4.1	
	6117 729330	5450250	7.2 3.4	6118 729960	5450460	3.6 4.8	
	6119 730460	5450340	2.9 -0.3	6120 730700	5481660	4+1 0+9 5-0 -1-8	
	6123 728530	5481750	5.2 -1.6	6124 728420	5481550	6.8 -9.0	
	6125 728540	5480830	6.9 0.1	6126 727870	5480130	5.7 -1.1	
f	6127 727940	5479740	6.5 0.5	6128 730120	5478680	3.5 -3.0	
	6129 729 700	5452170	1.1 -2.7	6131 729740	5452760	4.8 1.8	
	6132 729940	5453630	2.6 - 0.4	6133 728050	5462620		
	6136 729410	5461413	$\frac{2.0 - 0.0}{0.5 - 1.5}$	6137 730120	5461370	0.6 - 2.1	
	6138 730700	5462070	1.4 -1.3	6139 725250	5447340	19.4 14.0	
	6140 724680	544 7950	3.9 -1.6	6141 714100	5478350	3.5 -5.8	
	6142 713590	5477730	8.3 -1.0	6143 713370	5477640	-1.0 0.0	·
	6144 712800	5477000	3.9 -4.3	6145 712040	5476260	10.2 2.4	
	<u>6147 709520</u>	5451000	<u>4.3 0.2</u> 5.9 0.8	6150 710270	5459640	4.3 -0.2	
	6151 711040	5459700	2.0 -2.5	6152 718810	5473140	1.8 -2.5	
	6153 717440	5473620	5.4 0.5	6154 717910	5472720	3.1 -1.2	
·	6155 717180	5472280	2.9 -0.7	6156 716840	5472310	2.8 -0.8	
•	6157 716780	5471600	2.7 -0.9	6158 716440	5470550	-1.0 0.0	
	6159 715580	545907J	-1.0 0.0	6150 715200	5469530	4.5 1.8	
	6163 727790	5447810	5.8 1.4	6154 728080	5447330	4.5 0.1	
	6 165 728040	5446850	4.8 0.4	6156 735010	5464400	6.3 2.2	
	6167 735510	5464920	5.5 1.4	6158 735820	5465530	4.6 0.5	
	6169 736030	5466333	4.0 -0.1	6170 735940	5469780	4.2 0.1	
	6171 733160	5469733	$\frac{4.4.1.1}{3.5.0.2}$	6175 732910	5467370	$\frac{3}{3} - 3 - 0 - 0$	
	6176 731970	5466720	2.1 -0.3	6177 731430	5465760	6,2 3.8	
•	6178 731150	5464850	2.7 0.4	6179 730400	5463720	3.1 0.8	
	6180 730 580	5462640	3.8 1.5	6181 731000	5460400	1.7 -1.0	
÷	6183 731060	5459460	1.4 -1.7	6184 731280	5458350	2.0 -1.1	
********	6185 (31450	5457090	2.0 - 1.1	6180 736140	5455950	$1 \cdot 1 - 1 \cdot 4$	
	6190 735410	5454180	2.4 -0.4	6191 735550	5452890	2.5 -0.2	
	6192 727140	5448500	5.2 -0.2	6193 711780	5459640	2.9 -1.6	
	6194 712630	5459360	2.5 -1.1	6195 713220	5459050	2.5 -1.1	
	6195 691200	5446790	2.1 -2.9	6197 691120	5447550	2.3 -2.0	
	<u> </u>	5448120	2 0 -2 3	6199 691570	5449240	$-2 \cdot 0 - 2 \cdot 3$	
	6202 692990	5449220	3.4 - 1.8	6203 724340	5448270	5.3 -0.2	
•	6205 723960	5448510	6.4 ,0.9	6236 723743	5443550	5.2 -0.3	
	6207 723520	5448110	3.5 -2.0	6238 723373	5447490	5.0 -0.4	_
	6209 723010	5447480	2.7 -2.7	6210 722740	5447060	8.5 3.1	
	6211 122150	5447150	4.0 -0.4	6212 721460	<u>5450230</u>	$\frac{4}{3}, \frac{4}{7}, \frac{0}{-0}, \frac{0}{2}$	
	6215 726820	5450990	2.2 -1.7	6216 726450	5451760	1.8 -2.1	
	6217 726550	5452720	1.6 -1.2	6218 727050	5453720	l.9 -0.9	
	6219 710170	5452490	5.9 0.4	6221 709570	5452830	5.3 -2.3	
	6222 709810	5453620	6.0 -1.6	6223 709630	5454590	9.5 1.9	
	6224 /10280	5455223	<u>9.8 4.4</u> 30 -0 F	6225 128520	<u>5445910</u>	0.1 2.3	
	6228 730020	5446370	1.5 -1.9	6229 710860	5455950	6.2 0.8	

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PRINIC GEOCHEMISTR	Y U RE	SIDUALS LIST	PAG	E 62
SAMPLE EAST NORTH U	ORURS	SAMPLE EAST	NORTH	U DR U RS
$\begin{array}{c} 6230 & 710760 & 5455000 & 4 \\ 6232 & 712700 & 5457840 & 7 \end{array}$	$3 - 1 \cdot 1$	<u>6231 712010</u> 6233 693630	<u>5456820</u> 5449470	3.4 - 1.8
6234 693550 5449660 4	.6 -0.6	6235 720540	5447350	3.1 -1.3
6237 720130 5447990 3	.4 -0.8	6238 719700	5448660	3.2 -0.1
6239 718810 5449180 2	.8 -0.5	6240 711150	5461730	1.3 -2.3
6241 711880 5461920 2	.0 -1.6	6242 712680	5461900	2.8 -0.3
<u>6243 713520 5462010 2</u>	.3 -0.8	6244 714240	5462270	2.6 -0.5
6245 714950 5462510 3	.6 0.9	6246 730720	5446520	1.6 - 1.8
	<u>•4 -0.4</u>	6248 735150	5448270	
	-0.5	6250 726560	5455650	2.00
<u>6251 727630 5456210 2</u>	$\frac{0}{0}$ -0.8	6255 728980	5454200	2.2 - 0.8
6254 721450 5454280 2 6256 730150 5454280 1	.9 -1.1	6257 731220	5454230	7.6 -0.4
6258 732420 5454710 3	.8 0.8	6259 733380	5454290	1.7 -1.1
6260 734770 5453880 1	.6 -1.2	6261 714790	5457210	2.3 -1.4
6262 714940 5457140 3	.0 -0.7	6253 715640	5457820	2.3 -0.5
<u>6264 715970 5457830 1</u>	.7 -1.1	6255 716170	5458420	1.7 -1.1
6266 711330 5456830 6	.0 0.6	6257 711330	5456600	8.4 3.0
6269 712120 5457130 4	<u>8 -0.6</u>	6270 689300	5445550	2.0 - 1.7
	•2 -1.5	5212 595950 (274 700400	5443150	12.0 4.9
	3 5 6	6274 709890	5449690	$\frac{13 \cdot 1}{22.2} \frac{3 \cdot 7}{15.5}$
6210 109000 0449940 12 6277 708430 5449400 18	-5 11.8	6278 707870	5449290	10.4 3.7
6279 707900 5448940 12	<u>-5 5.8</u>	6280 707750	5448310	-1.0 0.0
6281 707290 5447550 -1	.0 0.0	6282 689330	5444940	1.3 -2.5
1 6283 689250 5444200 2	.1 -1.7	6285 688980	5444090	2.1 -1.7
6286 715500 5462850 3	.0 0.4	6287 715680	5462730	1.7 -0.9
6288 715980 5461740 2	.2 -0.5	6289 716560	5460760	2.0 - 0.7
6290 717200 5459760 1	.9 -0.9	6291 688650	5443890	3.3 -0.5
6292 688950 5443420 2	.1 -1.7	6293 689400	5443000	1.9 - 1.9
$\frac{6294}{689900} \frac{5443020}{5443020} \frac{2}{2}$	$\frac{1}{2}$ $\frac{-1}{7}$ $\frac{1}{9}$	6295 690110	5442050	$3 \cdot 0 - 2 \cdot 3$
6236 630970 5444343 15 6268 603000 5666530 12	• Z - J • 7 	6299 693349	5444440	12.4 5.7
<u>6298 0930 70 5443580 7</u>	9 1.2	6302 694390	5443490	8.4 1.7
6303 694470 5443070 8	.8 2.1	6304 695380	5443170	9.8 2.7
6305 687480 5475470 3	·2 -J.9	6306 688270	5475710	7.3 1.8
<u> 6307 590580 5442583 2</u>	.5 -2.8	6308 690280	5441350	3.6 -1.0
1 6309 690630 5441860 3	.6 -1.0	6310 691300	5441410	10.1 5.5
<u>6311 691160 5441170 8</u>	<u>.1 3.5</u>	6312 691720	5440840	10.4 5.8
	•4 J•8	6314 /14/20	5459220	
$\frac{6315715330545925J}{6318717200545925J}$	•1 2.9	6317 710140	5459130	<u> </u>
	7 -0.9	6321 718150	5453220	1-9-0.7
$\begin{array}{c} - 6320 711770 545700 1 \\ - 6322 718830 5457670 1 \end{array}$.9 -0.7	6323 719950	5456950	2.2 -0.4
6324 680050 5468030 12	•1 7•7	6325 580840	5467890	2.5 -1.9
6326 682100 5469970 1	•5 -2.9	6327 683250	5469620	16.2 11.2
6328 682730 5469630 2	.4 -2.6	6329 682080	5474410	1.5 -1.3
6330 682290 5476130 2	.0 -0.8	6331 681880	5477310	4.9 2.1
6333 684830 5478490 2	.2 -1.3	6334 695400	5444300	11.7 4.5
6335 695050 5445000 3	•9 -2•9	6336 689360	54/3500	$2 \cdot 3 - 1 \cdot 8$
	<u>• 9 -1 • 2</u>	6358 640330	5472210	17 - 24
6321 KRONRO 5472650 1	•0 -1.0	6342 709240	5467050	1.7 - 0.8
6343 709110 5467210 1	.3 -1.2	6344 691590	5440600	3.7 - 0.9
6345 691850 5440510 11	.2 6.6	6346 691910	544)320	7.3 2.7

PRINIC GEOCHEMI	STRY U R	ESIDUALS LIST PA	GE 63
SAMPLE EAST NORTH	UDRURS	SAMPLE EAST NOPTH	UORURS
6347 691750 5439940	3.4 -0.5	6349 691860 5439180	3.9 -0.0
6350 692110 5438920	$4 \cdot 1 0 \cdot 2$	6351 691960 5438560	2.9 -2.5
6354 693250 5437480	2.4 -2.0	6355 693660 5437110	4.3 -0.1
6356 691680 5474420	2.3 -1.7	6357 691920 5475100	1.3 -3.7
6358 691940 5475770	1.7 -3.8	6359 691580 5475730	4.8 -0.7
6360 692290 5476430	1.1 -4.4	6351 692720 5476990	1.2 -3.2
	1.8 -4.2	6353 709810 5465890	2.0 -0.5
	2.8 0.3	6356 694100 5449120	
6369 695970 5448360	4.0 -2.4	6370 696800 5448340	2.6 -3.8
6371 697730 5447660	18.1 11.1	6372 697750 5447390	6.2 -0.5
6373 698280 5447190	3.9 -2.8	6374 699220 5447150	4.2 -2.5
6375 694220 5474000	4.6 1.1	6376 712030 5470240	2.8 -0.6
6377 712910 5469650	2.2 -0.6	6378 713430 5468650	3.1 0.3
	1.5 - 1.3		1.9 - 0.9
	1.0 - 1.0	6385 715820 5465110	$1 \cdot 4 - 1 \cdot 5$
6386 715820 5463510	1.2 -1.4	6387 688980 5476280	9.1 3.6
6388 689490 5476500	13.0 7.5	6389 690270 5476540	1.4 -4.1
6390 690980 5476630	16.3 10.8	6391 691290 5477250	18.7 13.2
6392 691540 5477870	34.9 27.9	6393 687270 5479780	1.7 -2.6
	2.3 -2.5	6395 694270 5478660	2.7 -3.3
	$1 \cdot 6 - 4 \cdot 1$	6378 733030 5482890	45.9 38.5
6401 733420 5480250	9.1 1.0	6402 733970 5479520	7.1 0.6
6403 735060 5451770	2.1 0.1	6404 692380 5478270	2.5 -4.5
6405 693020 5478480	8.1 2.1	6406 734230 5484820	5.3 -3.1
6407 734630 5485140	7.1 -0.4	6438 734220 5486170	6.9 -0.6
6409 733890 5486950	7.7 0.2	6410 737170 5458420	5.7 1.3
6411 737330 5457600	6.1 1.7	6413 712820 5464630	2.6 -0.2
6414 /12640 046433J	7.6 4.8	6415 713750 5464090	2 9 0 3
	4.7 0.3	6419 735670 5457530	4.0 -0.4
6420 735060 5458570	4.1 -0.3	6421 734970 5457790	4.4 0.4
6422 732620 5458850	12.2 8.2	6423 694500 5474060	3.3 -0.2
6424 694620 5474750	2.6 -0.9	6425 695120 5475380	3.1 -0.9
	1.9 -2.1	6427 697040 5475740	2.4 - 1.5
	2.5 - 2.0	6430 698550 5475810	2.3 -2.3
6433 732060 5480100	9.7 1.6	6434 732090 5480780	6.6 - 1.5
6435 731840 5481680	8.4 0.3	6436 731740 5482540	13.1 4.5
6437 733800 5459140	5.6 1.6	6433 733560 5453230	4.8 0.8
6439 733180 5457470	6.1 2.6	6440 701190 5478430	9.0 2.9
6441 701110 5479930	2.4 -3.7	6442 700550 5478010	13.3 7.2
	2.8 -3.3		$2 \cdot 0 - 2 \cdot 3$
6448 728170 5439920	5.3 0.2	6449 727070 5424090	10-0 5-6
6450 726650 5440383	1.6 -2.1	6451 726490 5441680	6.0 2.3
6452 725950 5442700	2.6 -1.4	6453 681960 5504690	1.7 0.3
6454 682160 5503660	1.9 0.5	6455 681740 5502570	1.7 0.3
6456 681480 5502420	1.1 -0.4	6457 582130 5505630	1.9 0.5
6458 691510 5484650	37.6 28.1	6459 691120 5484750	12.3 2.8
6461 651340 5483560 4463 701250 5483560	4.9 -4.5	6452 691250 5484020	$21 \cdot 2 \cdot 11 \cdot 1$
0405 101520 5411150	2 • 1 - 4 • J	0454 593200 5483030	0.4 - 2.7

PRINIC	GECCHEMI	STRY URE	SIDUALS LIST	г РАС	GE 54	
SAMPLE EAST	NORTH	UORURS	SAMPLE EAST	NORTH	UDRURS	
6465 692660	5484380	8.5 -0.8	6466 693670	5484840	6.8 -2.5	
6467 693790	5484050	3.9 -5.4	6468 693550	5482910	5.9 - 3.4	
<u>£469_693610</u>	5483480	5.0 - 4.3	6470 701760	54 78830	22.0 12.9	
64/1 /02030	5478760	4.1 -2.0	6472 102360	5419210	$3 \cdot 9 = 2 \cdot 2$	
6413 102510	5479870	$\frac{2}{11}$	6414 094300	5491400	0.5 1.7	
6479 676720	5481210	11.7 3.7	6411 091410	5482660	$7 \cdot J = 1 \cdot I$	
	5402250	6 5 -2 1	6419 090520	5483850	<u> </u>	
6400 090100	5483140	$0 \cdot j = 2 \cdot j$	6401 090200 6693 696560	5482970	76 2 67 2	
6484 703080	548.0090	63 09	6485 737240	5456500	4.8 0.9	
6486 737070	5455410	4.6 0.7	6487 736890	5454640	2.5 -0.3	
6488 704100	5480850	4 2 -1.2	6489 717890	5436090	5.7 0.4	
6490 718580	5436660	3.5 -1.8	6491 718250	5436580	9.1 3.8	
<u>. 6493 718170</u>	5437410	3.1 -2.2	6494 718110	5438290	11.1 5.9	
6495 717670	5438670	3.6 -1.6	6496 717940	5439030	5.3 0.1	
6497 717920	5440330	7.8 3.0	6498 717310	5440500	6.7 1.9	
6499 717800	5441240	3.2 -1.5	6500 717310	5442000	6.5 1.5	
6501 709610	5467690	1.8 -0.4	6502 711650	5468360	2.5 0.1	
6503 711100	5467590	2-1 -0.3	6504 710290	5467420	1.8 -0.7	
6505 710080	5468860	1.4 -1.0	6506 708980	5469930	1.6 -0.6	
6507 708440	5470180	1.5 -1.2	6508 707010	5470640	1.6 -0.6	
6509 707790	5468910	1.7 -0.5	6510 708450	5469150	1.5 -0.7	
6511 706350	5469950	1.4 -0.8	6512 725970	5435820	1.5 -4.0	
6513 725500	543 7050	1.9 -3.6	6514 724850	5437890	8.2 4.1	
6515 724940	5438030	1.7 -2.4	6517 706200	5436600	13.5 4.7	
; 6518 706250	5437320	9.4 0.5	6519 706130	5437680	5.1 -3.6	
6520 706330	5438230	15.9 7.2	6521 706510	5438270	5.8 -2.9	
6522 706190	5438510	4.2 -4.5	6523 706580	5438860	8.0 -0.1	
6524 706520	5439040	8.9 0.2	6525 705330	5439170		
6526 706830	543987J		6521 706700	5437920		
6528 700970	544 3033	4 0 -1 5	6529 101140	5440970	13 3 6 4	
4522 725220	5404450		6534 735420	5482640	65-04	
6535 735720	5451170	24 34	6536 736120	5450000	1.7 -0.3	
2537 736200	544.8970	1.9 0.1	6538 736550	5447950	2.4 0.6	
6539 736470	5446890	1.8 -0.8	6540 736650	5446050	2.2 - 0.4	······································
6541 737580	5445020	2.1 - 1.2	6542 738110	5444410	2.1 -1.0	
5543 738600	5443800	2.2 - 0.9	6544 738710	5443070	1.9 -1.2	
6545 739550	5441920	2.5 -0.9	6546 740270	5441230	1.6 -1.3	
6547 681510	5501420	1.5 0.0	6549 681360	5500250	1.8 0.3	
6550 681550	5499050	1.4 -0.2	6551 681270	5497620	1.8 0.2	
6552 656810	5476910	2.2 0.0	6553 656750	5477580	0.9 -1.0	
6554 724150	5438690	4.7 0.6	6555 723530	5439460	2.6 -1.5	
6556 723700	5439620	3.5 -0.6	6557 722890	5440260	1.8 -1.6	
6558 725220	5442160	1.7 -2.0	6559 725230	5441340	1.9 -1.8	
6560 724440	5441100	3.4 0.0	6561 723920	5441190	2.2 -1.2	
6562 723660	5441370	1.8 -1.6	6553 722830	5441230	2.5 -0.9	
6565 722160	5441640	2.1 -2.0	6556 721510	5442230	1.1 -3.0	
6567 721250	5442580	3.3 -0.9	6558 720820	5442520	2.6 -1.6	
+ 6569 720070	5442403	2.9 -1.9	6570 704360	5441830	1.0 -1.1	
<u></u>	5442080	13.8 5.7	6512 704060	5442640	30.6 23.1	
6573 703810	5443150	7.0 -0.5	6514 103990	5443210	4 1 - 2 + 8	
	5443670	3+1 -4+4	6579 703730	5444210	$\frac{4 \cdot 1 - 2 \cdot 3}{3 \cdot 7 - 2 \cdot 1}$	
2011 102410 2010 702020	5444000	4+5 75+U	4501 512010 4501 50210	5445110		
084601 4160	2442273	0.1 -0.1	01001 100010	J77J74U	0.7 0.1	

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 ¶	PRINIC	GEOC HE'1I	STFY UR	ESIDUALS LIS	F PAC	GE 65	
	SAMPLE EAS	NORTH	UDRURS	SAMPLE EAST	NORTH	UCRURS	
	6582 70381	5446570	9.9 3.1	6583 703950	5447280	4.5 -2.3	
	6584 704020) 5447703	2.6 -4.7	6585 695540	5495640	28.3 11.8	
<u> </u>	6586 69525) 5496060	35.2 18.7	<u>6587 694590</u>	5496020	35.1 13.7	
	6588 708380	5432200	24.9 14.5	6589 708950	5431780	16.8 6.4	
	<u>6593 709400</u>	5431630	16.3 5.9	<u>6591 709300</u>	5431370	12.0 1.6	ور المراجع المراجع المراجع . حسن محمد الله
	6592.709620	5431400	13.1 2.7	6593 710230	5431500	1.3 -2.0	
	6594 /109/	5431830	3 + 9 = 3 + 4	6598 713360	5432250	7.5 - 0.1	
	- 6599 71/080 - 6599 71/080) 5432520	5.7 -1.2	6600 714090	5432690	8.8 1.9	
	6601 71452	5432841	5.9 -1.0	6602 715660	5433250	6.0 0.3	
	6603 71665	5434080	6.4 0.7	6614 717200	5434960	3.8 -1.9	
	6605 71769	5435710	4.9 -0.4	6606 710190	5494700	19.1 4.4	
	6607 70826	5493793	3.1-11.9	6608 709060	5493660	14.3 -0.7	
_	6609 70950	5493330	24.1 9.1	6610 709730	5493670	17.1 2.1	
	6611 70960	5492580	15.7 0.7	6613 710250	5492070	10.7 -2.7	
	6614 73030	5438600	8.1 2.4	6615 726960	5434780	3.7 -2.7	
	6616 72680) 5434300	6.9 0.5	6617 724940	54337301	06.0 99.7	·
	6618 723840) 5434680	5.7 -0.6	6619 723030	5435720	6.5 1.1	
	6620 72384) 543254J	4.8 -1.5	6621 723770	5433400	5.6 0.3	- <u></u>
	6622 (2199)) 5431990	-1.0 0.0	6623 72110U	5452710	-1.0 0.0	
	6624 11975	$\frac{1}{243378J}$	$\frac{4.4 - 1.0}{11.2 - 3.0}$	6627 709720	5491250	19.9 5.7	
	6620 70905) 5491710) 5490840	11.2 - 3.0 13.2 - 1.0	6630 708420	5490110	13.1 - 1.1	
	6631 708210	5489560	21.9 9.5	6632 653560	5471300	0.7 - 1.4	
	6633 65376	5471590	5.0 2.9	6634 653990	5471550	3.3 1.2	
	6635 65394	5471920	1.4 -0.7	6636 707430	5441210	29.5 21.4	
	6637 70750	5441730	7.3 -0.2	6638 707580	5442260	4.1 -3.4	
	6639 70792) 5442360	4.0 -3.5	6640 708320	5443190	3.7 -2.5	
	6641 70876) 5443130	4.61.6	6642 709240	5443360	7.7 1.5	
	6643 710220) 5443710	6.6 1.4	6645 710400	5443770	5.6 1.4	
	6645 71094	5444500	1.3 2.1	6647 710730	5444460	5.8 0.6	
	6648 /11140	5445190	6.0 I.2	6649 690270	5508280	26+3 19+7	
	6650 68977	<u>) 5507940</u>) 5507900	$\frac{5.4}{6.6}$	6551 689590	5507610	$\frac{1.5}{9} = -0.0$	
	- 6652 69306 - 6656 70352) 5440390	$0_{\bullet} + -1_{\bullet} \leq$	6655 702720	5440970	11.6 3.5	
<u></u>	6656 70258	5440730	6.0 - 2.1	6657 702700	5441650	5.9 -2.2	
	6658 70243	5441780	6.8 -0.9	6659 702170	5441780	12.1 4.4	
	6661 70191	5442510	6.9 -0.5	6652 701530	5442940	5.5 -1.9	
	6663 70157	5443410	7.3 -0.1	6654 701410	5443530	13.7 3.3	
	6665 70179	5444090	7.1 -0.3	6656 701950	5444420	12.1 4.7	
	6 667 70179) 5444870	8.3 0.9	6658 701680	5445460	6.1 -0.7	
	6669 70150) 5446060	11.0 4.2	6670 701150	5446760	7.9 1.1	
	6671 70112	5447270	8.3 1.5	6672 695830	5501320	34.6 17.3	·
	6673 69539).5501010	$31 \cdot 0 13 \cdot 7$	6574 595350	5500780	23.2 5.9	
	6675 69485	$\frac{1}{5501160}$	$\frac{28.0 11.1}{14.8 - 0.1}$	6011 094000	5501290	20.9 4.0	
	- COIG 07404 - KASA 60360) 550110J	10.0 -0.1 38_7 21 a	6631 721870	5440160	5.7 3.4	
	6682 72094	5440160	4.3 0.2	6683 720090	5440720	4.2 0.1	<u> </u>
	6684 71942) 5441180	5.2 0.4	6635 719050	5441530	5.5 0.7	
	6685 71861	5441960	3.9 - 3.9	6687 712890	5498750	4.9 -7.4	
	6688 71304	5499310	7.7 -4.6	6689 712430	5498520	27.2 11.4	
	6690 71233	5497960	48.6 32.8	6691 711720	5497700	40.7 24.9	
	6693 71160	5497113	28.3 12.2	6694 711690	5496670	18.1 2.0	
	£695 71114	5496260	18.8 2.7	6696 710740	5495600	16.8 0.7	
	6697 71092) 5495390	22.7 15.5	6698 710450	<u>5495120</u>	17.7 1.6	•

	PRINIC	GEOCHEMIS	STPY U RI	ESIDUALS LIS	r PAg	E 66	
	SAMPLE EAST	NCFTH	UORURS	SAMPLE EAST	NGETH	UORURS	
	6699 653760	5472120	1.4 -0.7	6730 654090	5472230	1.0 -1.1	
ţ	6701 654510	5472850	1.6 -0.4	6732 654650	5473230	2.0 - 0.0	
•	6705 656530	5473520	1.5 -0.3	6736 657310	5473470	2.6 0.8	
•	6707 716760	5442680	5.7 1.4	6739 716970	5442790	5.7 2.4	
•	6710 716680	5443390	5.2 0.9	6711 716870	5443620	3.7 -0.6	
•	6712 716170	5443610	3.8 -0.5	6713 716450	5444380	2.2 -2.1	
	6714 716340	5444230	5.9 1.6	6715 716160	5445090	5.6 2.0	
	6716 716040	5445883	5.0 1.4	<u>6717 716790</u>	5442420	4.6 - 0.4	
	6718 719940	5442560	9.2 4.4	6719 719260	5442340	$1 \cdot 3 2 \cdot 5$	
<u> </u>	6720 718720	5442210	4.3 - 0.5	6723 705360	5499200	6.5 -9.1	
	6725 706130	5499460	47 5 31.9	6726 706810	5499200	74.1 58.5	
:	6727 709430	5498440	30.0 13.2	6728 713140	5499880	22.6 10.3	
	6729 714490	5499590	5.3 -7.0	6730 713230	5496920	27.0 14.0	
	6731 717800	5490440	6.4 -2.8	6732 717910	5488770	6.5 -1.6	
·	6733 719600	5487000	5.7 -1.3	6734 718710	5485770	5.8 - 1.2	
	6/35 /12850	5484000	U+5 -5+5	6/36 /12690	5485650	$4 \cdot 2 = 2 \cdot 2$	
	6739 712530	5489660	$\frac{1.0 - 7.5}{11.3 2.3}$	6741 711100	5489920	30.2 18.9	
	6742 715340	5492100	16.1 6.3	6743 712150	5494030	4.9 -9.8	
	6744 713440	5493670	2.8 -9.8	6745 714930	5498620	6.5 -5.8	
	6746 715970	5499340	3.7 -5.3	6747 663880	5506970	1.7 0.0	
	6748 693950	5496180	12.1 - 4.3	6749 693350	5496670	20.5 4.1	
	6750 692 580	5497100	21.9 5.5	6751 691670	5497160	17.0 2.4	
1	6752 691240	5497640	22 6 19 6	6755 690500 4755 670950	5497960	17+0 1+0	
•	6757 681230	5488410	3.1 - 1.0	6758 682210	5486210	5.1 0.8	
	6759 690050	5506000	23.7.14.4	6750 690300	5505710	10.1 0.8	
	6761 690670	5504710	26.6 13.4	6762 690780	5503410	28.0 14.8	
·	6763 661690	5475730	1.1 -0.1	6764 662520	5475960	1.3 -0.1	
	6765 663230	5476160	1.3 -0.1	6756 663820	5476510	1.4 0.0	
	6767 664250	5476390	1.1 - 0.3	6758 664660	5477020	1.6 0.2	
	6/69 6652/0	5477570	1.5 0.0	6/10 605/90	5477130	1.5 - 0.0	
	6774 665440	5478950	1.3 - 0.2	6775 693110	5501100	31.8 14.9	
	6775 692280	5501050	40.2 24.5	6777 691560	5500730	27.3 11.5	
[6778 691350	5500880	53.7 38.0	6779 655460	5498440	2.9 0.8	
	6780 655840	5499040	2.4 0.3	6781 655670	5499160	2.1 0.0	
	6782 682320	5483800	2.3 -1.8	6783 682550	5489070	3.7 - 1.5	
	6784 657160	5479220	1.0 - 0.9	6785 657040	5478950	0.7 - 0.5	
	6789 659650 6789 659650	5478760	0.7 - 0.5	6790 657360	5477230	1.8 -0.4	
	6791 657240	5477450	0.8 -1.4	6792 657630	5475830	1.0 -0.3	
	6793 658200	5475640	0.7 -0.6	6794 658000	5476880	1.6 0.3	
	6795 658770	5477040	1.0 -0.3	6796 659440	5477210	0.5 -0.8	
	6797 659600	5476980	0.7 -0.6	6798 659760	5476510	1.4 0.1	* - * -*
	6799 660240	54/6270		6830 660860	54/56/0	1 + 1 = 0 + 1	
	0201 040030	5529210	$\frac{0.0 - 1.2}{1.2 - 0.8}$	<u>6805 690710</u>	5528860	2.2 0.2	
ŗ	6806 690790	5528010	1.5 -0.5	6817 690810	5527450	1.2 -1.5	
	6808 690740	552 7260	2.0 -0.7	6809 690970	5527070	2.3 -0.4	
	6810 691420	5526850	1.4 -1.3	6811 707210	5493450	43.4 27.8	
	6812 707400	5498250	52.2 36.6	6813 708500	5497810	21.3 4.5	
	6814 708240	5497640	46.0 29.2	6815 708320	5497040	12.9 -3.8	

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-	PRINIC (GEOCHEMI	STRY URI	ESIDUALS LIST	r pag	E 67	
-	SAMPLE EAST	NORTH	UORURS	SAMPLE EAST	NORTH	U CR U RS	
			<u></u>				
	6815 708840	5496920	17.4 0.7	6817 709040	5496760	17.9 1.2	
	6818 709420	5496110	19.2 2.5	6819 709840	5495280	9,9 -6,8	
	6821 710220	5495200	20.4 4.3	6822 657360	5465760	2.2 0.7	
	6823 660070	5479430	0.6 -0.6	6824 660780	5479570	0.3 -0.4	
	6825 661190	5479120	1.5 0.3	6826 661520	5478670	$\frac{1.2 - 0.0}{1.5 - 0.2}$	
	6827 661400	5478300	$1 \cdot 1 = 0 \cdot 1$	6930 662650	5473460	1.5 0.5	
	6831 662780	5479600	1.1 - 0.3	6832 662900	5480350	2.3 0.8	
1	6833 663180	5480300	1.5 -0.0	6834 663480	5480980	2.1 0.6	
	6835 663700	5481350	1.3 -0.2	6837 694340	5524560	1.4 -3.9	
	6838 694580	5525050	5.6 2.2	6839 694290	5525250	2.9 -0.5	
	6840 694000	5525730	3.1 -0.3	6841 693720	5526480	2.5 -0.9	
	6842 693610	5527360	2.8 -0.6	<u>6843 697920</u>	5454570	5.4 -2.9	
	6844 693320	5527640	2.5 -0.0	6845 693280	5528390	2.9 0.4	
	6848 682500	5483820	$\frac{3.9}{1.4}$	6849 659640	5491200	$\frac{1.9 - 2.2}{1.3 - 0.4}$	
	6850 659000	5498780	1.7 -0.3	6851 659540	5498230	1.8 -0.2	
	6853 707860	5526650	1.5 -1.0	6854 708410	5526770	2.3 -0.2	
	6855 708430	5526170	1.8 -0.7	6856 709060	5526030	1.6 -0.9	
3	6857 655810	5499510	5.1 3.0	6858 656150	5499710	2.4 0.3	
	6859 656540	5500000	1.5 -0.6	6850 656350	5500000	2.2 0.1	
	6861 656830	5500290	1.7 - 0.4	6852 657350	5500150	1.7 - 0.4	
	6863 658180	5499800	$\frac{1 \cdot 7 - 0 \cdot 3}{1 \cdot 9 - 0 \cdot 1}$	6854 558120	54999840	16-04	
	6867 663900	5505050	1.3 -0.4	6869 666850	5504300	0.5 - 1.2	
	6870 668830	5507280	1.0 -0.7	6871 666450	5499410	2.1 0.1	
	6872 656420	5480220	0.9 -0.3	6873 652330	5475280	1.0 -1.0	
	6874 650730	5475280	2.8 0.8	6875 655190	5467780	1.4 -0.3	
·	6876 655170	5466930	2.1. 0.6	6877 655300	5465730	1.0 - 0.5	
		5465150	0.5 - 1.0	68/9 681/30	5509900	0.5 - 0.7	
	6882 684600	5510710	1.3 -0.2	6883 685050	5509530	1.8 -7.4	~ · · · · · · · · · · · · · · · · · · ·
۲.	6885 687200	550793)	4.7 0.5	6886 687730	5507760	1.8 -4.2	
	6887 688500	5506870	1.6 -6.7	6888 657720	5473340	1.5 0.0	
	6889 657820	5472830	1.6 0.1	6890 658210	5472770	1,7 0.2	
	6891 658610	5473360	1.4 -0.1	6892 659310	5473430	1.3 -0.2	
	<u>6893 659580</u>	5474060	1.3 -0.2	<u>6894 660390</u>	5474820	1.3 -0.1	
	6895 660990	547514J	1 8 - 0 9	6896 691510 6398 692360	5527120	2.4 -0.5	
	6899 691820	5527370	$\frac{1.0}{2.5}$ - 0.9	6901 665120	5479770	1.3 -9.2	
	6902 665320	5479980	1.5 0.0	6903 664730	5480620	1.4 -0.1	
	6904 664380	5481250	1.2 -0.3	6905 706910	5526490	2.0 -0.4	
	6906 706220	5526380	1.5 -0.9	6907 705700	5527140	1.9 -0.5	
	6908 658140	5465540	1.1 -0.4	6909 658720	5466670	2.2 0.7	
· - ··	6910 658990	5467370	1.4 - 3.1	6911 659230	<u>5467530</u>	0.8 -0.8	
	6912 659820	5468549	1.7 0.1	6913 660150	5468530	1.4 -0.1	
	6914 001130	5470810	1.4 - 0.1	6913 551230	5472150	$\frac{1.1}{1.4}$	
	6919 661690	5472150	1.5 0.1	6920 662240	5472710	1.4 0.0	
	6921 662800	5473360	1.4 -0.0	6922 563150	5473630	1.8 0.4	
	6923 663120	5474410	1.5 0.1	6924 662500	5466260	1.4 -0.1	
	6925 662790	5466330	1.5 0.0	6926 662970	5466810	1.3 -0.2	
	6927 663170	5467340	1.3 - 0.2	6928 663360	5467440	1.9 0.4	
	6929 663050	5467400	2.0 0.5	6930 663350	5467690	1.8 0.3	
	6931 663190	5468040	1.1 -0.4	0433 662850	2408/30	<u>1•4 -J•1</u>	

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		PRINIC	GEOCHEMI	STRY UR	ESIDUALS LIST	r pag	E 68
	SAMPI	LE EAST	NORTH	UORURS	SAMPLE EAST	NORTH	UORURS
	6934	662830	5469230	1.4 -0.1	6935 663050	5469400	1.2 -0.3
•	6936	662770	5470160	1.3 -0.2	6937 662960	5470940	
	6938	663270	5471160	1.5 0.0	6939 662800	5471950	
	6 740	761300	5632967	$1 \cdot 5 = 0 \cdot 1$ 2 5 -1 7	6943 741290	5433760	3 + -1 + 1
	6944	741 550	5434670	2.2 -2.0	6945 709840	5526190	2.1 - 9.4
	6946	710480	5525780	2.3 -0.4	6947 710900	5526350	2.1 -0.6
	6949	710970	5527250	1.3 -1.4	6950 711110	5527890	2.1 -0.3
	6951	702490	5434600	7.2 1.2	6952 702030	5435050	6.5 0.2
	6953	705760	5528160	1.6 -0.4	6954 705510	5527870	1.9 -0.1
	6955	705020	5528980	1.7 -0.3	6956 705210	5529880	1.7 -0.3
	6957	704890	5531050	1.4 -0.7	6958 705190	5530940	1.7 -0.2
·	6959	705420	5531910	2-1 0-2	6950 706070	5532410	1.4 - 0.5
i	6961 40/7	705860	5052450	I.0 -0.3	6452 101000 6656 700450	54532610	20+0 IV+0 9 3 -0 7
···	6963	688220	5508550	2.5 -2 5	6967 687730	5513420	1.0 -2.1
	8393	685580	5513960	1.2 - 0.4	6959 686250	5514910	1.2 -0.4
<u></u>	6970	6970	5524140	12.2 6.0	6971 697070	5526810	2.9 -1.9
	6972	698410	5528690	9.0 4.3	6973 698950	5526420	16.6 10.8
	6974	701900	5526710	2.9 -1.7	6975 703120	5524860	0.5 -3.0
	6976	701040	5531440	2.4 -0.2	6977 699730	5533280	1.6 -0.4
	6978	693220	5529430	4.6 2.1	6979 693390	5529160	1.3 -1.2
	6981	699630	5530270	2.8 -0.1	6982 698410	5529820	1.8 -2.9
	6983	696100	5528370	2.1 -1.6	6984 693220	5529770	1.6 -0.9
	6985	713020	5437630	1.8 1.1	6986 713970	5435800	$4 \cdot 5 - 2 \cdot 3$
4	6987	706600	552501J		6988 (06290	5524300	
	6989	706200	5523900	1.9 - 1.4	6992 707190	5522320	2.5 - 1.9
	6993	707810	5522070	2.6 - 2.1	6994 703490	5521230	2.2 -2.5
	6995	709700	5521300	2.2 -2.5	6997 687290	5436220	0.8 -0.8
;	6998	711990	5434170	10.4 1.7	6999 711710	5434730	6.0 -2.7
	7000	710880	5436450	7.3 -0.3	7934 679080	5452350	-1.0 0.0
	7935	679380	5451960	-1.0 0.0	7936 679250	5452050	-1.0 0.0
	8001	701240	5431160	3.4 -2.6	8002 700470	5431540	3.9 -2.1
	8003	699900	5431660	$\frac{1.8 - 3.7}{2}$	8094 70000	5431950	15.1 9.1
	8005	699550	5432373	$2 \cdot 9 - 2 \cdot 5$	8005 698880	5433010	
	8007	408330	5432660	203147	<u> </u>	5435070	5.2 -0.5
2	8011	697690	5435550	3.8 -1.9	8025 698260	5452990	5.4 -2.9
	8012	7186.00	5502830	-1.0 0.0	8013 718630	5502690	-1.0 3.0
	8014	718680	5502530	-1.0 0.0	8015 718720	5502300	-1.0 0.0
	8016	718800	5502190	-1.0 0.0	8021 681650	5450800	-1.0 0.0
	8022	679840	5451430	-1.0 0.0	8023 679690	5451710	-1.0 0.0
	8211	649330	5496050	-1.0 0.0	8212 649360	5496210	-1.0 0.0
	8213	649340	5496320	1.9 -0.5	8026 698700	5452920	2.4 -5.9
	8027	698460	5452100	4.5 -3.2	8028 698700	5451870	$5 \cdot 5 = 1 \cdot 1$
	8029	698520	5451200	10.3 2.0	8022 60790	5452420	5.0 - 2.0
	6U33	608250	5421270	4.8 -2 2	- 8937 YO8330	5448600	0 + 4 = 1 + 2 5, 1 = 1.9
	8025 8025	699490	5448370	4.8 -7.7	8036 699520	5448520	20.8 13.3
ſ	8047	698060	5453680	6.8 -1.5	8039 751470	5437450	2.6 -1.6
	8040	751580	5438090	2.3 -1.9	3041 751590	5438970	3.3 -0.9
	8046	75165)	5439250	2.3 -1.9	8048 701620	5434830	6.4 0.4
	8049	700650	5434950	5.2 -0.8	8050 699840	5435320	5.5 -0.2
	8051	699440	5435810	3.5 -2.2	8052 699100	5435760	5.7 -0.0

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		PRINIC (GEOCHEMIS	TRY	UR	ESIDUA	ALS LIST	P A C	GE 69	
		<u> </u>				C A 11 D I	F CACT	NORTH		
-	SAMPL	LE EAST	NURTH	UUK	0 35	SATPL	E E451	NUKIN		
-		<u> </u>			·	<u> </u>				• القصب معرجية و «جويو و عواوي والمراجع ومعرور و معروبي
	8053	698300	5435970	4.1 -	-1.5	805.4	697650	5435830	8.7 3.0	
	8055	697100	5436110	4.5 -	-0.8	805.6	696540	5436490	3.1 -2.2	
	8057	695720	5437010	3 ++2 -	-2.1	8058	695150	5437410	4.0 -1.3	
	8065	700860	5452840	10.8	0.8	8059	731950	5496070	9.8 0.5	
	8060	732780	5495210	10.2	<u>l.l</u>	8051	732940	5495060	10.5 1.4	
	8062	733580	5494880	16.4	5.9	8053	741730	5480040	12.8 0.5	
	8064	741750	5479890	14.5	1.5	8065	701260	5452610		
ľ,	8001	701000	545201U	11+0	2.2	8070	701240	5451840	14.8 6.0	
	8071	702030	5451080	8.9	0.1	8072	702930	5450440	6.0 -3.0	
	8073	702980	545 2060	6.6 -	-2.4	8074	703070	5449650	6.1 -1.2	
-	8075	703370	5449740	9.0	1.7	8076	703480	5449230	7.9 0.5	
	8077	703750	5448920	1.3 .	-6.0	8078	703790	5448550	33.4 26.1	
	8079	703540	5448100	10.6	3.3	8031	711040	5438600	4.4 -2.4	
	8082	709770	5437130	1.6 -	-6.8	8101	687730	5435710	0.5 -1.7	
,	8083	741740	548065 0	4.9 -	-1.6	3084	741690	5480530	7.8 1.3	
	8085	741690	5480370	6.0	-0.5	8086	650820	5493760	1.7 - 0.4	
	8087	650720	5493750	1.4	-0.7	808.8	650590	5493780	1.4 -0.7	
	8089	650190	5493660		-1.0	8090	650060	5493590	1.5 - 9.6	
ζ.	9093	650040	5493500	1	-0.6	8092	620020	5493650	2 - 3 - 0 - 1	
	8095	649690	5493660	2 6	0.2	8096	649540	5493720	2.8 0.4	
	8097	649460	5493610	3.2	0.8	8098	649530	5493580	3.0 0.6	
. –	8099	648870	5493760	3.1	0.7	8117	649730	5495850	2.0 -0.4	
	8102	687960	5435710	0.6	-1.6	8133	688760	5435290	0.6 -1.6	
	8104	689710	5434890	0.7	-1.7	8105	690250	5435230	0.6 -2.5	
	8106	690360	5434890	0.5	-2.6	8137	690780	5434820	0.6 -2.5	
	8108	691750	5434710	0.9	-2.2	8139	692690	5434760	3.6 -0.8	
	8110	692720	5434660	1.1.	<u>-3,3</u>	8111	693350	5434890	1.0 - 3.4	
	8112	693780	5435440	12.1	1	0115	693150	5432600	12.2 1.0	
	0124	693520	5452501	50	22	<u>8127</u>	680150	5452390	$\frac{2.0}{1.5}$	
	8110	650860	5494710	1.9	-0.2	8120	651510	5493930	2.4 0.3	
	8128	689860	5452730	2.3	-1.3	8129	690210	5453060	3.1 -1.0	
•	8130	690660	5452710	3.1	-1.0	8131	691280	5452140	3.0 -1.1	
	8132	691460	5451770	2.4	-1.7	8133	692020	5451540	3.2 -0.9	
	8134	692520	5451270	2.9	-1,9	8135	692870	5450620	5.5 0.7	
	8136	693390	5450050	17.1	12.3	8138	688670	5440390	3.0 -0.5	
	8139	689060	5440140	2.1	-1.4	8140	689100	5440030	1.6 -1.9	
	8141	689460	5439880	2.0	-0.7	8142	689600	5439900	2.1 -0.5	
	8143	689560	5439350	1.5	-1.2	0144	690320	5438567	$\frac{1 \cdot 1 - 2 \cdot 2}{1 \cdot 3 - 2 \cdot 1}$	
	0140 9177	690100	242840J 5428780	1+1 '	-2.0	8149	691680	5438580	1.0 - 2.1	
	<u>8140</u>	691240	5438391	1.7	-2.2	8185	693610	5456080	5.8 2.3	
ł	8186	693780	5455120	9.8	5.9	8187	694020	5455110	5.9 1.1	
	8188	693660	5454330	3 4	-1.4	8189	693800	5454430	5.9 1.1	
	8190	693820	5453550	3.6	-1.2	8191	693700	5453630	4.3 -0.5	
	8192	693290	5452780	3.2	-1.6	8193	692590	5452180	4.5 -0.3	
	8194	692690	5451310	6.0	1.2	8214	649640	5496610	5.8 3.4	
	8215	649280	5496910	2.5	0.1	8216	649190	5497230	2.7 3.3	
	8217	649160	5497960	2.1	-0.2	<u> 821 8 </u>	<u>650770</u>	5496420	$\frac{2.1 - 0.1}{1.7 - 0.5}$	
	8219	672270	5536893	0.6	-0.5 -0.5	5220	672050	553665U		
-	E6160	735250	5443740	-1 0	<u>-0+5</u>	<u>0224</u> F4682	731170	5445850	-1.0 0.0	
	E4686	732040	5445530	-1.0	0.0	E4690	732930	5445200	-1.0 0.0	

S A MD 1	E EAST	NORT-	11 08	11 25	SAMPI	E FAST	NORTH	11 08 11 35	
JACF L									
<u>E4694</u>	733860	5444750	-1.0	0.0	E4698	734680	5444220	-1.0 0.0	
E4700	735120	5444030	-1.0	0.0	P 588	741410	5436030	2.5 -1.4	
P 589	740770	5436780	3.1	-0.8	P 590	740660	5437730	2.0 -1.5	
P 591	740590	5439680	2.5	-1.0	P 592	739850	5440600	2.0 -1.4	
P 598	737940	5435010	15.2	10.0	P 599	736790	5434930	16.3 10.0	
P 680	664130	5536090	1.5	0.4	P 681	664140	5535980	2.2 1.1	
<u>p 682</u>	664090	5535810	0,9	<u>-0.2</u>	<u>P 683</u>	663590	5537710	0.1-0.5	. <u> </u>
P 684	663680	5537430	0.9	-0.2	9 585	663710	5537250	0.9 -0.2	
P 686	666250	5539290	<u> </u>	-0.0	P 587	665070	5538920	0.9 - 0.2	
F 688	065900	555882)	2.2		1 004 V7/6F	727600	57755510		
<u>71461</u>	120030	5444610	-1.0	0.0	<u>1 (455</u> V7/72	720220	5666710	-1.0 0.0	
11407	120300	244414J 877744	-1.0	0.0	11413 V7/70	720660	5444110		
<u>11411</u> V7/07	725950	5444640	-1.0		11417 V7/07	736020	5444940	-1.0 0.0	
¥7405	726070	5441040	-1 0	0.0	V7401	737870	5442320	-1 0 0.0	
V7004	732660	5440850	-1.0	0.0	Y7938	733360	5441540	-1.0 0.0	
Y7912	734150	5442079	-1.0	0.0	E3719	718000	5459700	2.5 - 0.1	
$\frac{7712}{F3715}$	719100	5460620	4.7	2.3	F3708	720490	5461480	2.2 - 0.1	
F3701	721300	5461900	0.9	-1.4	F 369 2	722200	5462250	1.8 -0.5	
F3638	723050	5462280	2.3	0.2	F3638	723650	5462500	1.4 -1.1	
F3632	724620	5462380	1.8	-0.3	F3629	725920	5462250	1.6 -0.3	
F3624	726750	5462183	1.9	-0.0	F 362 1	727900	5462500	1.9 -0.L	
F3790	728550	5462553	2.3	0.3	F 3 79 4	729500	5461700	2.1 0.1	
F 3 795	729900	5461500	2.1	0.1	F3796	730400	5461400	1.4 -1.3	
F3680	716250	5464150	2.4	-0.2	F3676	717250	<u>5463750</u>	1.8 -0.8	
F3672	718300	5463650	2.0	-0.6	F3666	719120	5463750	2-1 -0.5	
F3657	720280	5464100	2.1	-0.5	F 3 65 3	721300	<u>5464780</u>	2.4 -0.2	
F3647	721900	5465250	2.8	-0.6	F3642	722750	5465400	3.5 0.6	
<u>F3726</u>	723450	5465500	2.9	-0.0	<u>F3732</u>	724120	546530	2.9 -0.0	
F3/38	724700	5465250	6.0	5.1	F 3 14 3	725520	5464450	2.0 0.4	
<u>r 3 (65</u>	123400	5403450	2.1	-0.9	<u> 72113</u>	725050	5462820	2 2 -0 0	
F3110	727200	546400J	2.4		F2170	730000	5465930	$2 \cdot 2 = 0 \cdot 0$	
F2 100	730000	5465100	1.2	<u>-1.1</u>	F 254 4	729100	5466250	1.3 -0.8	
F3270 F3540	728000	5466600	2 1	-0 0	F3535	727000	5466120	2.6 0.2	
<u>, , , , , , , , , , , , , , , , , , , </u>	726250	5466500	1.7	-0.7	F3526	725150	5466400	3.6 1.2	
F3522	724580	5466750	5.1	2.2	F3521	724380	5466400	2.3 -0.6	
F3569	727600	5467200	1.4	-0.7	F 3556	726450	5467500	2.4 -0.2	
F3561	725000	5468150	1.7	-0.9	F 2002	725000	5469850	-1.0 0.0	
F2012	726620	5468900	-1.0	0.0	F2006	725400	5469000	-1.0 0.0	
F 2 009	726150	5469400	-1.0	0.0	F2014	727000	5469120	-1.0 0.0	
F2017	727500	5468480	-1.0	0.0	F2021	728750	5467400	-1.0 0.0	
- 999	-999								

<u>____</u>

PROJECT PRINIC STREAM GEOCHEMISTRY

U	CLASS	LIM 5.5	8.5	11.5	14.5	99999.7
U		5867 79.3	652 8.8	321 4.3	176 2.4	385 5.2
ប	CUMUL	79.3	88.1	92.4	94.8	100.0
:U :U	CLASS	LIM 45.0 5836 74.9	67.0 1053 13.5	89 .0 436.5.6	111.0 202 2.6	99999 .7 262 3.4
)U	CUMUL	74.9	88.4	94.0	, 96.6	100.0
! N / N	CLASS	LIM 65.0	87.0	109.0	131.0	99999 . 9
2 N 2 N	CUMUL	76.9	89.5	93.6	95.7	100.0
10	CLASS	LIM 2.0	3.0	4.0	6.0	99999.7
10 10	CUMUL	5885 75.6 75.6	812 10.4 86.0 NUMBER OF	578 7.4 93.4 SAMPLES =	109 1-4 94.8 7789	405 5.2 100.0

in S.

PRCJECT PRINIC STREAM GEDCHEMISTRY

U HISTOGRAM AND CUMULATIVE FREQUENCY PERCENTAGES

IERV PPM	FREQ.	CUM. FR	•
0.50	0.0	0.0	
0.50	0.78	0.0	*
0.60	0.51	0.78	*
0.70	0.00	1.30	
0.80	0.80	2.09	*
0.90	1.11	3.20	**
1.00	1.97	5 17	* **
1.00	6.34	5.11	* * * * * * * * * * * * * * * * * * *
1.20	17.77	11.51	*** * * * * * * * * * * * * * * * * * *
1.60	14.05	29.28	*** * * * * * * * * * * * * * * * * * *
2.00	10.04	43.33	
2.50	10.94	54.28	*** * * * * * * * * * * * * * * * * * *
3.20	9.86	64.14	*** *********
4)	7.27	71.41	*** ***
5 00	6.00	777 (1	* * * * * * * * * * *
5.00	5.32	11.41	***
6.30	4.59	82.73	***
8.00	2 29	87.33	* * * * * * *
10.00	0.00	90.70	
12.50	2.68	93.38	*** * * *
6.00	2.09	\$5.47	* * * *
	1.50	04 07	**
10.00	0.89	70.71	*
15.00	0.70	97.87	*
1.50	0.42	98.57	
0.00	0.42	58.99	
0.00	0.43	99.42	
3.00	0.19	99.61	
0.00	0.15	99 76	
	0.07	77.10	
0.00	0.18	99.82	
9.90		100.00	





