

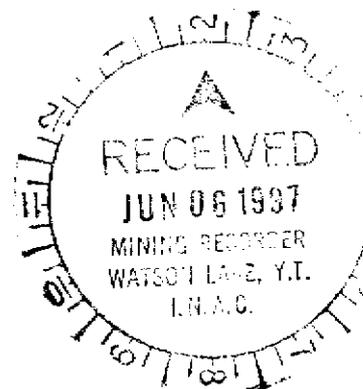
093883

COMINCO LTD.

EXPLORATION

WESTERN DISTRICT

NTS 105 G/1, B/16



1996 ASSESSMENT REPORT

WAT AND BL PROPERTIES

GEOLOGICAL MAPPING AND SOIL GEOCHEMISTRY

WATSON LAKE M.D., YUKON

SIMPSON RANGE AREA, PELLY MOUNTAINS

WORK PERIOD

JULY 30 TO AUGUST 17, 1996

093883

LATITUDE: 61°01'

LONGITUDE: 130°08'

APRIL, 1997

DARREN A. SENFT

This report has been examined by  
the Geological Evaluation Unit  
under Section 53 (4) Yukon Quartz  
Mining Act and is allowed as  
representation work in the amount  
of \$ 14,375.00.

*M. B. h*  
for Regional Manager, Exploration and  
Geological Services for Commissioner,  
of Yukon Territory.

## TABLE OF CONTENTS

### Page

1.0	SUMMARY	1
2.0	LOCATION AND ACCESS	1
3.0	PROPERTY AND OWNERSHIP	1
4.0	PREVIOUS WORK	3
5.0	REGIONAL GEOLOGY	3
6.0	1996 FIELD WORK	3
6.1	GEOLOGY AND GEOCHEMISTRY	
7.0	WAT PROPERTY	4
7.1	GEOLOGY AND MINERALIZATION	
7.2	GEOCHEMISTRY	
8.0	BL PROPERTY	5
8.1	GEOLOGY AND MINERALIZATION	
8.2	GEOCHEMISTRY	
9.0	CONCLUSIONS AND RECOMMENDATIONS	5
10.0	REFERENCES	7

### **FIGURES**

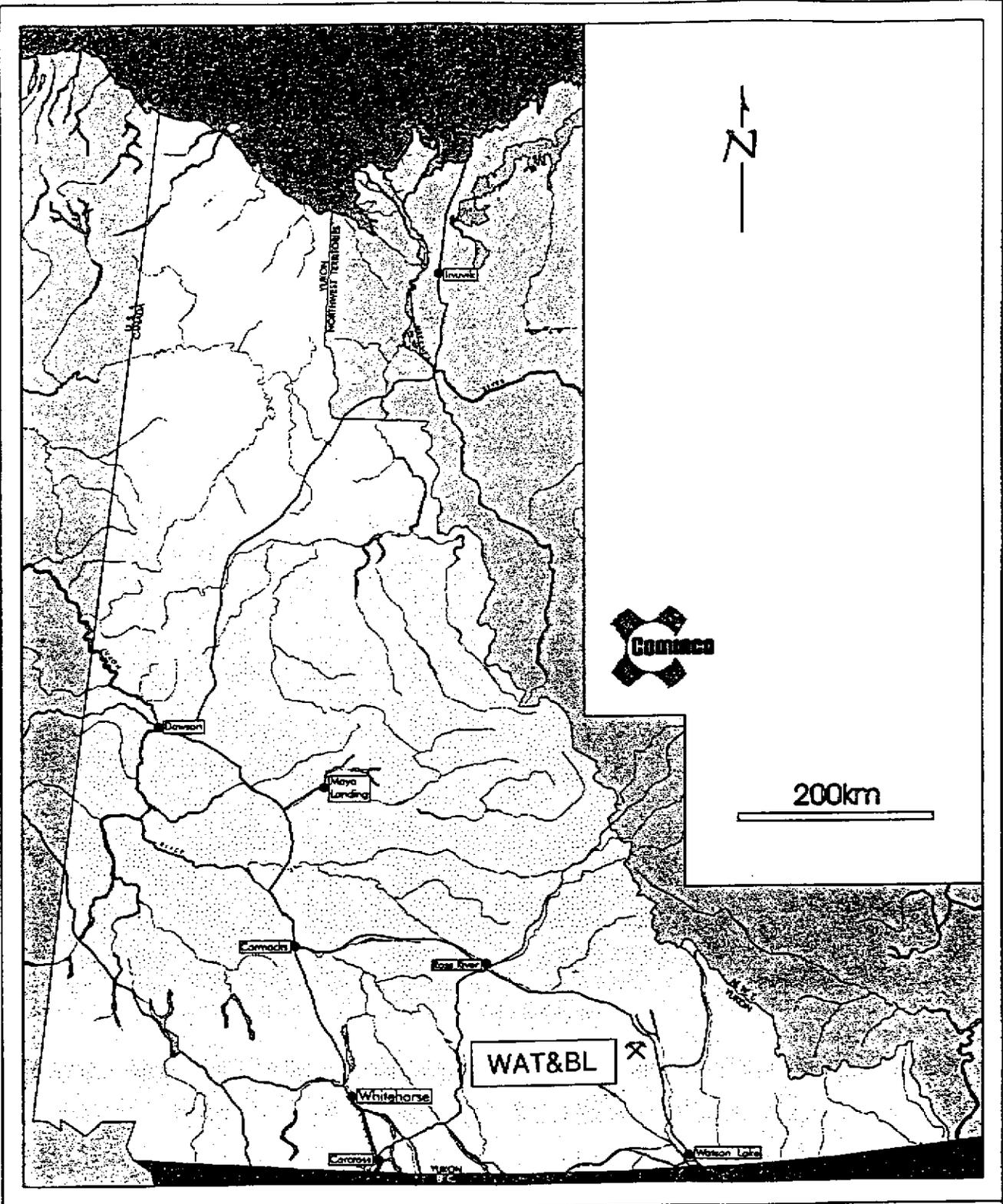
FIGURE 1	GENERAL LOCATION	2
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### **APPENDICES**

APPENDIX I	STATEMENT OF QUALIFICATIONS
APPENDIX II	1996 GEOCHEMISTRY DATA
APPENDIX III	STATEMENTS OF EXPENDITURES

### **ATTACHMENTS**

FIGURE 2	CLAIM MAP (1:31,500)
FIGURE 3	GEOLOGY MAP (1:10,000)
FIGURE 4	GEOCHEMICAL SAMPLE LOCATIONS (1:10,000)



Drawn by:		Traced by: a. m. a.	
Revised by:	Date:	Revised by:	Date:

# WAT AND BL PROPERTIES LOCATION MAP

105 G/1, B/16

Scale: As Shown

Date: April, 1997

Plate: 1

## 1996 ASSESSMENT REPORT WAT AND BL PROPERTIES, YUKON TERRITORY

### 1.0 SUMMARY

The WAT and BL properties, comprising 101 units, are located 12 kms southwest of Whitefish Lake, about 55 kms southeast of Cominco's ABM VHMS Deposit and approximately 130 kms northwest of Watson Lake.

These properties were staked to cover airborne geophysical targets identified during a Cominco survey conducted in 1995.

The rocks underlying this part of southeastern Yukon have been assigned to the Yukon-Tanana Terrane (YTT) and the Slide Mountain Terrane (SMT). The YTT consists primarily of a layered sequence of metamorphosed rocks comprising a "lower unit" of pre-Devonian quartzite, pelitic schist and minor marble, a late Devonian to mid-Mississippian "middle unit" comprising carbonaceous phyllite and schist with interbanded mafic and, locally significant, felsic metavolcanics, and an "upper unit" of Pennsylvanian marbles and quartzite. Volcanism within the "middle unit" was accompanied by the intrusion of 2-3, late Devonian to Mississippian, mafic to felsic metaplutonic suites. Felsic volcanics of the "middle unit" are host to Cominco's ABM VHMS Deposit.

Both the WAT and BL properties are underlain by late Devonian to mid-Mississippian "middle unit" of the Yukon Tanana Terrane, comprising sequences of mixed metasediments (siltstone, wacke) and intervals of felsic and mafic metavolcanics. Serpentinized ultramafic plutons of the SMT also occur peripheral to both of the properties.

Work completed on the WAT property in 1996 consisted of five person days of mapping and three person days of contour soil and stream silt sampling. Results from the geochemical sampling returned several samples with anomalous Cu and Zn values. Mapping/prospecting also discovered several areas with promising geology. Further geological mapping, prospecting, contour soil geochemistry and ground geophysics is recommended for this area.

Work completed on the BL property in 1996 consisted of four person days of mapping and four person days of contour soil and stream silt sampling. Results from the soil sampling returned a few scattered anomalous Cu and Zn values, and mapping/prospecting discovered areas with promising geology. Further geological mapping, prospecting and contour soil geochemistry is recommended for this area.

### 2.0 LOCATION AND ACCESS

The WAT property is located 2km north of the BL property, which is located 12 kms south-southwest of Whitefish Lake. This area is about 55 kms southeast of Cominco's ABM VHMS Deposit and approximately 130 kms northwest of Watson Lake (Figure 1). The gravel, all-weather Robert Campbell Highway provides access to within 40 kms of the property. Direct access is by helicopter.

### 3.0 PROPERTY AND OWNERSHIP

The WAT and BL properties, comprising 258 units, are 100% owned by Cominco Ltd. (Figure 2).

<u>NAME</u>	<u>UNITS</u>	<u>CLAIM NO.</u>	<u>DUE DATES</u>
WAT 1-22	22	YB76290-311	March 15/99
WAT 23-32	10	YB72545-554	March 15/99
WAT 33-44	12	YB72831-842	March 15/99
WAT 45-52	8	YB76312-319	March 15/99
WAT 53-64	12	YB72843-854	March 15/99
WAT 65-86	22	YB76320-341	March 15/99

WAT 87-165	79	YB84098-176	May 15/98
BL 1-56	56	YB72555-610	March 15/99
BL 57-93	37	YB84177-213	March 7/99

#### 4.0 PREVIOUS WORK

There is no recorded work or showings in the immediate area of the WAT and BL properties.

#### 5.0 REGIONAL GEOLOGY

The rocks underlying this part of southeastern Yukon have been assigned to 2 terranes: the Yukon-Tanana Terrane (YTT) and the Slide Mountain Terrane (SMT) (Mortensen, 1983a; Mortensen and Jilson, 1985).

The YTT consists primarily of a layered sequence of metamorphosed rocks comprising a "lower unit" (3I) of pre-Devonian quartzite, pelitic schist and minor marble, a late Devonian to mid-Mississippian "middle unit" (3F) comprising carbonaceous phyllite and schist with interbanded mafic and, locally significant, felsic metavolcanics (3G), and an "upper unit" of Pennsylvanian marbles and quartzite. Volcanism within the "middle unit" was accompanied by the intrusion of 2-3, late Devonian to Mississippian, mafic to felsic metaplutonic suites (Simpson Range suite and augen and monzonitic orthogneisses). This sequence appears to reflect stable platformal or shelf sedimentation with an intervening period of mafic to felsic arc volcanism developed within a more reduced basinal setting. Felsic volcanoclastics of the "middle unit" are host to Cominco's ABM VHMS Deposit.

The late Devonian to Triassic SMT comprises a heterogenous package of mafic to ultramafic plutonic rocks, mafic volcanics, massive carbonate and chert. This sequence was structurally emplaced as thrust bounded klippen on YTT rocks or as thrust slices imbricated within YTT rocks during a period of crustal shortening (D2). The SMT is thought to represent a disrupted oceanic crust and volcanic arc assemblage thought to be located between the YTT and ancestral North America(?).

A subhorizontal to moderately north to northeast dipping, penetrative ductile deformation fabric (S2) and associated middle greenschist facies (chlorite-biotite grade) metamorphism affects all YTT rocks. This fabric reflects the first, and most significant, deformational and metamorphic event (D1) perhaps related to a continent-arc collision during late Permian to early Triassic time.

Late Triassic immature clastics comprising micaceous argillite, siltstone and sandstone unconformably(?) overlie the deformed and metamorphosed YTT rocks. These sediments are often closely associated with SMT volcanics and are invariably in fault contact with YTT rocks.

The SMT, Late Triassic sediments and Late Triassic to Middle Jurassic plutons are all affected by a period of Middle Jurassic to Late Cretaceous thrust faulting (D2), during which the Finlayson Lake Fault Zone was formed. This complex fault zone contains both thrust and steep, transcurrent(?) faults and separates the YTT from autochthonous North America (Mortensen, 1983a; Mortensen and Jilson, 1985).

#### 6.0 1996 FIELD WORK

##### 6.1 GEOLOGY AND GEOCHEMISTRY

Regional scale mapping and contour soil geochemistry was completed by recce traverses on the WAT and BL properties. The following table summarizes 1996 field work.

PROPERTY	GEOLOGY	GEOCHEMISTRY
WAT	Jul 30, 31, Aug 15; PO, LAT, DG, DK	Aug 14, 17; 266 soils, 8 silts
BL	Jul 31, Aug 9; ZAS, TB, DG, VLB	Aug 16; 159 soils, 10 silts

#### 7.0 WAT PROPERTY

## 7.1 GEOLOGY AND MINERALIZATION

The WAT property is underlain by late Devonian to mid-Mississippian "middle unit" mixed metasediments with intervals of felsic and mafic metavolcanics of the Yukon Tanana Terrane. The property is generally poorly exposed, with outcrops restricted to ridges and creek cuts. The stratigraphy on the property generally trends to the west, with variably moderate to steep dips of 21-80° to the north.

A thick package of rusty weathered, grey-brown quartz-biotite-feldspar schist (arenite, wacke) underlies the southern area of the WAT claims. These metasediments are overlain to the west and north by a 200-300 m thick sequence of massive mafic metavolcanics (flows and minor tuff) that are, in turn, over-thrust by massive, magnetic serpentinite bodies.

No significant mineralization was found on the property.

## 7.2 GEOCHEMISTRY

A total of 274 soil and silt samples were collected from the WAT property in 1996. Soil samples were collected every 100 metres along seven contour lines. Silt samples were collected from several streams on the property during a helicopter supported regional silt sampling program.

Results from the soil and silt geochemistry returned elevated to anomalous values for Cu ± Zn in three different areas on the WAT property. Results from a contour line in southeast corner of the property returned 3 consecutive soil samples anomalous in Cu (up to 429 ppm), as well as 3 more anomalous silt samples with up to 291 ppm Cu. One additional silt sample, just off the southeast corner of the property, returned values of 299 ppm Cu, 77 ppm Pb, and 1066 ppm Zn.

Highly anomalous copper values were returned for several samples in the northwest corner of the property. Three consecutive samples from this line returned values ranging from 182 to 1216 ppm Cu. A series of stream bank samples just to the south of this line also returned several highly elevated values for Cu (up to 207 ppm) and Zn (up to 402 ppm).

## 8.0 BL PROPERTY

### 8.1 GEOLOGY AND MINERALIZATION

The BL property is also underlain by late Devonian to mid-Mississippian "middle unit" of the Yukon Tanana Terrane, comprising sequences of mixed metasediments (siltstone, wacke, minor mudstone), with minor intervals of felsic metavolcanics, and mafic metavolcanics. Outcrops are restricted to ridges and creek cuts. The stratigraphy on the eastern half of the property trends to the north-northeast, with dips of 20-45° to the E-SE.

The eastern half of the property is predominantly underlain by a thick sequence of rusty weathered, grey-brown quartz-biotite-feldspar schist (arenite, wacke) which contain minor intervals of light yellow, quartz-sericite schist (felsic tuff/flows) and dark grey, phyllitic metamudstone. These metasediments are overlain to the SE by massive mafic metavolcanics and massive, magnetic serpentinite bodies. This sequence of rocks is equivalent to the stratigraphy exposed on the WAT property.

The western half of the property is underlain by metasediments (mudstone and siltstone) and is intruded by a 2 mica granite along the edge of the property.

No significant mineralization was found on the property.

### 8.2 GEOCHEMISTRY

A total of 169 soil and silt samples were collected from the BL property in 1996. Soil samples were collected every 100 metres along four contour lines. Silt samples were collected from several streams on the property during a helicopter supported regional silt sampling program.

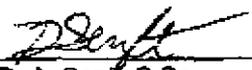
Results from the soil and silt geochemistry returned a few elevated values for Cu (up to 167 ppm) and Zn (up to 425 ppm) scattered throughout the property.

**9.0 CONCLUSIONS and RECOMMENDATIONS**

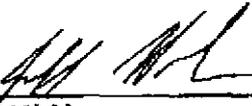
Both the WAT and BL properties are underlain by late Devonian to mid-Mississippian "middle unit" of the Yukon Tanana Terrane, comprising sequences of mixed metasediments (siltstone, wacke) and intervals of felsic and mafic metavolcanics. Serpentinized ultramafic plutons of the SMT also occur peripheral to both of the properties.

Work completed on the WAT property in 1996 consisted of five person days of mapping and three person days of contour soil and stream silt sampling. Results from the geochemical sampling returned several samples with anomalous Cu and Zn values. Mapping/prospecting also discovered several areas with promising geology. Further geological mapping, prospecting, contour soil geochemistry and ground geophysics is recommended for this area.

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Report by:   
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Endorsed by:   
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DAS/

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**10.0 REFERENCES**

PLINT, H. E., 1994. GEOLOGICAL MAPPING IN THE CAMPBELL RANGE, SOUTHEASTERN YUKON (PARTS OF 105 G/8, G/9 AND 105 H/5,H/12); Yukon Exploration and Geology 1994: Part C, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs, Canada, p. 47-58.

MORTENSEN, J. K., 1983a. AGE AND EVOLUTION OF THE YUKON-TANANA TERRANE, SOUTHEASTERN YUKON TERRITORY [Ph.D. Thesis]; Santa Barbara, University of California, 155 p.

MORTENSEN, J. K. AND JILSON, G. A., 1985. EVOLUTION OF THE YUKON-TANANA TERRANE : EVIDENCE FROM SOUTHEASTERN YUKON TERRITORY; *Geology*, 13, p. 806-810.

**APPENDIX I**  
**STATEMENT OF QUALIFICATIONS**

## STATEMENT OF QUALIFICATIONS

I, Darren A. Senft, of #4-2415 W. 4th Ave., Vancouver, B.C. hereby declare that I:

1. Graduated from The University of British Columbia, Vancouver, B.C. with a B.Sc. in Geology in May, 1994.
2. Have been actively engaged in mineral exploration in Western Canada as a geological assistant with Cominco Ltd. during the summers of 1992-93 and as a contract geologist with Cominco Ltd. since May, 1994.

Date: April, 1997

  
D.A. SENFT B.Sc.  
GEOLOGIST

**APPENDIX II**  
**1996 GEOCHEMISTRY DATA**

**WAT and BL SOIL GEOCHEMISTRY**

LAB NUMBER	FIELD NUMBER	PROPERTY	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Ba ppm	Cd ppm	Co ppm	Ni ppm	Fe %	Mo ppm	Cr ppm	Bi ppm	Sb ppm	V ppm	Sn ppm	W ppm	Sr ppm	Y ppm	La ppm	Mn ppm	Mg %	Ti %	Al %	Ca %	Na %	K %	Au	Au Wt.	Ba (xrf)
S9624438	337011	WAT	17	5	43	1.5	1	41	1	94	1398	4.87	1	64	7	8	15	1	1	3	1	3	912	9.99	0.01	0.5	0.02	0.01	0.01	5	10	297
S9624439	337012	WAT	5	2	29	0.9	7	26	1	18	162	2.35	1	237	15	17	31	1	1	3	1	1	261	0.92	0.02	0.3	0.02	0.03	0.01	-1	-1	-1
S9624440	337013	WAT	10	4	23	0.2	1	67	1	24	250	1.67	1	119	2	6	14	1	1	10	1	3	626	0.74	0.01	0.55	0.09	0.03	0.01	-1	-1	-1
S9624441	337014	WAT	11	2	31	0.9	1	42	1	25	214	2.61	1	166	13	5	36	1	1	3	1	2	304	1.25	0.03	0.65	0.03	0.04	0.02	-1	-1	-1
S9624442	337015	WAT	6	4	41	0.6	5	48	1	81	603	4.35	1	177	2	22	8	1	1	3	1	1	1539	3.8	0.01	0.29	0.02	0.03	0.01	-1	-1	-1
S9624443	337016	WAT	6	2	17	0.4	1	21	1	14	131	1.85	1	167	2	2	27	1	1	2	1	1	229	0.53	0.02	0.2	0.01	0.03	0.01	-1	-1	-1
S9624444	337017	WAT	3	4	38	1	6	46	1	11	87	2.78	1	209	12	2	32	1	1	2	1	4	217	0.38	0.03	0.64	0.01	0.01	0.01	-1	-1	-1
S9624445	337018	WAT	6	4	39	1	8	27	1	27	283	3.43	3	397	16	21	32	1	1	2	1	2	355	0.94	0.02	0.26	0.01	0.01	0.01	-1	-1	-1
S9624446	337019	WAT	17	2	67	1.2	1	86	1	53	386	4.19	4	198	2	29	57	1	1	3	1	3	438	2.44	0.04	1.22	0.03	0.01	0.03	5	10	592
S9624447	337020	WAT	7	2	38	0.5	1	71	1	54	426	3.71	1	159	2	2	23	1	5	9	1	2	1454	4.51	0.01	0.63	0.1	0.03	0.01	-1	-1	-1
S9624448	337021	WAT	4	2	39	0.6	1	58	1	77	303	4.29	1	294	11	14	17	1	1	3	1	1	2502	0.8	0.01	0.52	0.05	0.01	0.01	-1	-1	-1
S9624449	337022	WAT	46	4	49	1.5	1	50	1	94	994	5.22	1	220	18	12	13	1	1	5	2	3	1302	7.76	0.01	0.5	0.04	0.03	0.01	5	6.1	266
S9624450	337023	WAT	10	2	9	0.9	1	20	1	19	188	1.02	4	46	18	9	5	1	1	2	1	1	248	1.4	0.01	0.18	0.01	0.01	0.01	-1	-1	-1
S9624451	337024	WAT	42	2	83	0.6	13	140	1	31	699	3.58	3	125	2	28	34	1	1	14	8	11	736	2.91	0.02	1.59	0.49	0.04	0.13	-1	-1	-1
S9624452	337025	WAT	25	2	35	0.6	1	82	1	13	539	2.1	1	82	12	2	18	1	1	7	6	9	286	1.85	0.01	1.17	0.19	0.01	0.06	-1	-1	-1
S9624453	337026	WAT	23	2	42	0.8	17	51	1	56	432	3.11	1	186	10	2	28	1	1	4	2	3	1052	1.8	0.01	0.9	0.08	0.01	0.03	-1	-1	-1
S9624454	337027	WAT	19	2	27	0.6	13	42	1	45	559	2.59	1	171	2	7	21	1	1	2	1	2	471	5.17	0.01	0.63	0.02	0.01	0.01	-1	-1	-1
S9624455	337028	WAT	10	6	38	0.9	6	39	1	17	208	1.86	1	162	2	7	21	1	1	3	1	2	231	1.55	0.01	0.58	0.03	0.04	0.01	-1	-1	-1
S9624456	337029	WAT	5	2	38	0.8	1	44	1	108	950	5.22	1	199	2	11	9	1	1	3	1	1	1673	7.89	0.01	0.19	0.04	0.03	0.01	-1	-1	-1
S9624457	337030	WAT	8	2	39	0.2	1	25	1	57	653	3.09	5	143	5	2	7	1	1	3	1	1	737	3.65	0.01	0.11	0.06	0.03	0.01	-1	-1	-1
S9624458	337031	WAT	17	2	29	0.4	1	60	1	73	841	2.12	1	41	2	2	4	1	1	8	1	3	1036	5.49	0.01	0.5	0.08	0.04	0.01	-1	-1	-1
S9624459	337032	WAT	6	5	34	0.9	1	37	1	19	107	2.9	4	102	14	2	20	1	1	3	1	1	357	0.38	0.02	0.53	0.01	0.04	0.01	-1	-1	-1
S9624460	337033	WAT	4	2	34	0.9	2	38	1	32	142	3.16	1	197	2	10	19	1	1	4	1	1	511	0.47	0.01	0.19	0.01	0.01	0.01	-1	-1	-1
S9624461	337034	WAT	40	2	36	0.4	2	105	1	12	105	1.76	1	68	2	10	42	1	1	7	1	1	207	0.7	0.03	0.92	0.07	0.01	0.02	-1	-1	-1
S9624462	337035	WAT	46	2	21	0.4	4	77	1	7	43	0.96	1	50	2	2	17	1	1	10	2	2	74	0.41	0.02	0.71	0.31	0.03	0.01	-1	-1	-1
S9624510	337084	WAT	4	2	21	0.2	1	39	1	1	2	0.16	1	2	2	2	1	1	1	5	1	1	97	0.02	0.01	0.13	0.09	0.04	0.02	-1	-1	-1
S9624511	337085	WAT	4	5	9	0.2	9	44	1	1	2	0.46	1	2	2	2	14	1	1	2	1	2	24	0.02	0.02	0.58	0.02	0.01	0.02	-1	-1	-1
S9624512	337086	WAT	17	5	33	0.2	1	94	1	5	9	1.14	1	13	2	2	11	1	1	33	9	16	334	0.27	0.01	0.88	0.78	0.04	0.05	-1	-1	-1
S9624514	337088	WAT	5	11	17	0.2	5	29	1	1	5	0.77	1	9	5	2	11	3	1	3	1	5	59	0.15	0.01	0.58	0.02	0.01	0.02	-1	-1	-1
S9624515	337089	WAT	9	11	26	0.2	9	46	1	3	6	1.47	1	13	2	2	15	1	1	4	1	6	111	0.24	0.01	0.94	0.03	0.01	0.1	-1	-1	-1
S9624516	337090	WAT	6	5	28	0.2	8	38	1	3	5	2.13	1	9	7	2	25	1	1	2	1	3	130	0.25	0.05	1.02	0.02	0.01	0.02	-1	-1	-1
S9624517	337091	WAT	8	9	31	0.2	5	38	1	4	3	1.58	1	9	2	2	15	1	1	2	1	2	160	0.41	0.02	1	0.03	0.01	0.05	-1	-1	-1
S9624518	337092	WAT	4	6	15	0.2	1	33	1	1	3	0.77	1	7	2	2	13	1	1	2	1	3	63	0.15	0.01	0.53	0.02	0.03	0.02	-1	-1	-1
S9624519	337093	WAT	38	10	27	0.2	3	270	1	5	16	1.28	1	15	2	2	14	1	1	46	28	56	464	0.16	0.01	1.01	1.61	0.01	0.05	-1	-1	-1
S9624520	337094	WAT	27	13	49	0.2	4	130	1	8	13	1.87	1	17	2	2	17	1	1	16	7	18	336	0.48	0.01	0.98	0.46	0.01	0.17	-1	-1	-1
S9624521	337095	WAT	23	14	57	0.2	13	185	1	7	17	1.74	3	17	2	2	16	1	1	24	14	27	1128	0.34	0.01	1.07	0.77	0.01	0.14	-1	-1	-1
S9624522	337096	WAT	37	8	64	0.2	10	173	1	4	18	1.09	3	25	2	2	12	1	1	56	22	32	128	0.32	0.01	0.99	1.66	0.01	0.11	-1	-1	-1
S9624523	337098	WAT	12	6	32	0.2	1	53	1	4	10	1.19	1	16	2	2	14	1	1	5	2	6	138	0.43	0.02	0.79	0.1	0.01	0.06	-1	-1	-1
S9624524	337099	WAT	7	9	22	0.2	6	46	1	2	5	1.1	2	8	2	2	11	3	1	5	1	5	92	0.17	0.01	0.53	0.03	0.01	0.1	-1	-1	-1
S9624525	337100	WAT	19	11	57	0.2	16	67	1	5	17	2.44	4	28	2	2	28	1	1	3	2	3	148	0.49	0.04	1.39	0.01	0.01	0.04	-1	-1	-1
S9624526	337101	WAT	13	8	33	0.2	16	59	1	4	11	1.5	1	16	2	2	13	4	1	5	2	6	153	0.36	0.01	0.86	0.07	0.01	0.07	-1	-1	-1
S9624527	337102	WAT	13	10	40	0.2	17	51	1	4	13	2.24	1	20	13	7	27	1	1	3	2	4	158	0.52	0.02	1.09	0.04	0.01	0.05	-1	-1	-1
S9624528	337103	WAT	37	2	32	0.5	18	30	1	9	29	2.47	1	135	2	5	120	9	1	1	1	1	263	1.23	0.16	1.53	0.02	0.01	0.01	-1	-1	-1
S9624529	337104	WAT	48	2	20	1	4	240	2	2	25	0.53	1	9	2	2	6	1	1	193	12	21	263	0.12	0.01	0.83	4	0.04	0.02	-1	-1	-1
S9624530	337105	WAT	48	10	76	1	3	162	1	7	37	1.68	2	44	2	2	26	1	1	41	7	8	309	0.41	0.01	0.89	0.78	0.03	0.01	-1	-1	-1
S9624531	337106	WAT	3	10	27	0.2	1	80	1	1	4	0.78	6	7	2	2	11	1	1	7	1	3	29	0.1	0.01	0.3	0.02	0.01	0.01	-1	-1	-1
S9624532	337107	WAT	20	10	62	0.2	3	80	1	8	35	2.3	2	31	2	2	30	1	1	33	26	14	249	0.71	0.01	1.22	1.38	0.01	0.02	-1	-1	-1
S9624533	337108	WAT	81	12	129	0.5	1	138	1	17	106	6.47	12	40	2	2	14	1	1	72	4	9	479	0.24	0.01	0.78	0.08	0.02	0.06	5	10	1391
S9624534	337109	WAT	43	10	107	0.7	2	91	1	17	73	3.74	3	60	2	6																

S9624541	337116	WAT	21	8	60	0.2	2	82	1	6	26	3.45	1	52	2	13	80	1	1	9	1	2	252	0.78	0.07	1.59	0.03	0.01	0.04	-1	-1	-1
S9624542	337117	WAT	87	9	150	0.7	1	232	1	18	75	3.33	3	116	7	8	88	1	1	63	12	13	583	1.45	0.03	2.12	1.85	0.01	0.15	5	10	1176
S9624543	337118	WAT	39	5	44	0.6	1	115	1	14	66	2.49	1	132	2	7	83	1	1	6	2	5	428	1.39	0.09	1.85	0.2	0.01	0.31	-1	-1	-1
S9624544	337119	WAT	44	7	50	0.2	1	128	1	17	57	2.98	1	94	8	10	69	3	1	8	2	4	413	1.55	0.11	2.21	0.24	0.01	0.41	-1	-1	-1
S9624545	337120	WAT	12	10	28	0.6	2	85	1	7	35	2.18	10	91	2	13	80	1	1	4	1	2	158	0.8	0.14	1.63	0.09	0.03	0.04	-1	-1	-1
S9624546	337122	WAT	11	2	31	0.2	8	64	1	8	23	1.65	1	49	2	2	29	1	1	4	1	3	147	0.49	0.06	1.04	0.06	0.01	0.06	-1	-1	-1
S9624547	337123	WAT	9	7	27	0.2	1	70	1	4	15	1.38	1	32	2	2	19	4	1	8	2	6	154	0.55	0.03	0.96	0.21	0.01	0.1	-1	-1	-1
S9624548	337124	WAT	26	9	41	0.2	5	153	1	7	24	1.57	1	31	2	2	24	1	1	21	6	13	249	0.56	0.02	1	0.87	0.01	0.18	-1	-1	-1
S9624549	337125	WAT	45	6	60	0.2	4	336	1	10	40	2.01	1	61	2	2	37	3	1	50	9	11	268	0.84	0.02	1.54	1.57	0.03	0.23	-1	-1	-1
S9624550	337126	WAT	13	4	26	0.2	9	91	1	4	18	1.18	1	27	2	2	18	1	1	9	2	8	157	0.45	0.02	0.75	0.21	0.01	0.07	-1	-1	-1
S9624551	337127	WAT	7	4	20	0.2	1	35	1	3	11	0.85	1	19	2	2	13	1	1	3	1	3	97	0.29	0.01	0.57	0.07	0.01	0.06	-1	-1	-1
S9624626	336585	WAT	19	2	59	0.6	1	61	1	62	985	3.25	1	129	10	19	10	1	1	10	2	3	827	5.71	0.01	0.54	0.08	0.03	0.01	-1	-1	-1
S9624627	336586	WAT	15	2	42	0.5	13	23	1	63	1265	3.98	1	123	5	20	10	1	1	1	1	3	715	9.99	0.01	0.25	0.03	0.01	0.01	-1	-1	-1
S9624628	336587	WAT	21	2	38	0.2	6	22	1	35	1103	3.15	1	140	2	13	11	1	1	2	2	3	472	9.99	0.01	0.27	0.04	0.01	0.01	-1	-1	-1
S9624629	336588	WAT	21	2	53	0.2	7	72	1	84	930	3.33	3	131	2	13	12	1	1	6	3	3	1225	6.26	0.01	0.42	0.2	0.02	0.02	-1	-1	-1
S9624630	336589	WAT	16	6	46	0.7	1	57	1	76	680	3.11	2	100	2	10	13	1	1	5	2	3	969	6.48	0.01	0.49	0.1	0.02	0.02	-1	-1	-1
S9624631	336590	WAT	19	2	35	0.5	1	20	1	55	1110	2.86	1	65	2	11	7	1	1	1	2	2	768	9.99	0.01	0.21	0.08	0.01	0.01	-1	-1	-1
S9624632	336591	WAT	17	2	32	0.2	1	14	1	78	1307	3.35	1	75	2	13	6	1	1	1	1	1	1160	9.99	0.01	0.1	0.1	0.01	0.01	-1	-1	-1
S9624633	336592	WAT	15	5	37	0.4	4	17	1	84	1325	3.24	2	77	7	16	6	2	1	1	1	1	1042	9.99	0.01	0.13	0.05	0.01	0.01	-1	-1	-1
S9624634	336593	WAT	19	5	48	0.4	12	81	1	127	798	5.39	1	208	2	13	21	3	1	4	2	2	1677	4.44	0.01	0.48	0.11	0.02	0.02	-1	-1	-1
S9624635	336594	WAT	13	8	69	0.9	34	52	1	85	1130	5.25	1	182	2	16	12	1	1	4	1	2	1089	8.88	0.01	0.29	0.09	0.03	0.01	-1	-1	-1
S9624636	336595	WAT	7	5	31	0.2	3	37	1	33	556	2.08	1	105	2	10	6	1	1	5	1	1	412	4.49	0.01	0.29	0.02	0.01	0.01	-1	-1	-1
S9624637	336596	WAT	16	4	34	0.4	1	14	1	60	1353	3.48	1	159	8	16	7	4	1	1	1	1	553	9.99	0.01	0.15	0.04	0.01	0.01	-1	-1	-1
S9624638	336597	WAT	16	2	43	0.4	10	28	1	39	913	3	1	137	2	16	14	1	1	3	2	3	420	9	0.01	0.44	0.11	0.01	0.02	-1	-1	-1
S9624639	336598	WAT	13	6	47	0.2	4	58	1	13	127	2.15	4	70	2	21	35	1	1	4	2	6	283	1.48	0.05	0.9	0.07	0.01	0.05	-1	-1	-1
S9624640	336599	WAT	21	9	84	0.2	2	99	1	19	263	2.68	2	87	5	15	37	4	1	7	6	9	462	2	0.03	1.22	0.2	0.03	0.07	-1	-1	-1
S9624641	336600	WAT	30	10	74	0.2	1	98	1	19	184	2.32	3	60	6	9	43	5	1	8	3	8	442	1.28	0.06	1.09	0.21	0.03	0.09	-1	-1	-1
S9624642	336601	WAT	13	7	38	0.4	1	61	1	15	240	1.9	1	84	7	15	24	1	1	6	3	5	287	2.53	0.02	0.79	0.15	0.02	0.04	-1	-1	-1
S9624643	336602	WAT	26	9	71	0.2	12	140	1	12	82	2.5	1	56	7	2	47	1	1	11	7	11	429	0.92	0.07	1.24	0.24	0.01	0.21	-1	-1	-1
S9624644	336603	WAT	29	12	71	0.2	1	116	1	18	171	2.68	4	83	5	10	49	1	1	9	6	11	399	1.4	0.08	1.48	0.14	0.01	0.11	-1	-1	-1
S9624645	336604	WAT	9	5	27	0.2	5	34	1	6	68	1.28	3	32	7	13	18	1	1	2	3	6	158	0.54	0.03	0.87	0.09	0.01	0.07	-1	-1	-1
S9624646	336605	WAT	14	8	67	0.8	1	54	1	25	328	3.7	2	106	2	22	38	1	1	5	1	3	379	2.53	0.05	1.25	0.07	0.01	0.05	-1	-1	-1
S9624647	336606	WAT	16	6	47	0.2	12	56	1	23	405	2.26	4	58	10	5	27	2	1	5	3	6	440	2.13	0.04	0.86	0.05	0.01	0.07	-1	-1	-1
S9624648	336607	WAT	8	8	31	0.5	6	32	1	4	45	1.71	2	42	2	20	46	1	1	3	1	3	154	0.44	0.08	0.84	0.03	0.02	0.04	-1	-1	-1
S9624649	336608	WAT	10	8	35	0.5	1	70	1	17	194	1.92	1	76	2	11	25	1	1	4	2	6	299	1.2	0.03	0.77	0.03	0.01	0.02	-1	-1	-1
S9624650	336609	WAT	9	5	51	0.2	1	43	1	10	93	2.16	3	73	7	10	33	1	1	2	1	2	213	0.65	0.04	0.78	0.02	0.02	0.02	-1	-1	-1
S9624651	336610	WAT	10	10	68	0.2	1	52	1	14	142	2.9	2	61	9	2	44	9	1	2	1	1	257	0.9	0.11	1.12	0.03	0.03	0.05	-1	-1	-1
S9624652	336611	WAT	56	4	41	0.6	1	85	1	39	774	3.06	1	98	2	13	18	1	1	11	10	15	685	4.09	0.01	0.92	0.37	0.03	0.03	-1	-1	-1
S9624653	336612	WAT	27	7	93	0.8	12	25	1	24	263	4.38	2	337	2	33	45	1	1	2	1	1	400	2.23	0.07	0.69	0.03	0.03	0.01	-1	-1	-1
S9624654	336613	WAT	32	8	51	0.2	1	85	1	16	376	2.71	1	87	2	19	24	1	1	9	5	8	425	1.7	0.02	1.36	0.41	0.03	0.08	-1	-1	-1
S9624655	336614	WAT	9	7	46	0.4	1	75	1	32	243	2.5	1	145	2	15	27	6	1	4	1	4	340	2.2	0.02	0.69	0.02	0.03	0.01	-1	-1	-1
S9624656	336615	WAT	6	5	33	0.4	1	49	1	12	129	1.96	5	119	2	17	27	1	1	3	1	4	206	1.04	0.03	0.63	0.03	0.03	0.03	-1	-1	-1
S9624657	336616	WAT	37	9	97	1.4	1	142	1	8	61	4.63	2	65	2	28	91	1	1	8	2	3	260	0.99	0.13	2.51	0.04	0.02	0.29	5	10	988
S9624705	336817	WAT	36	7	90	0.4	17	218	1	14	136	3.29	4	90	11	14	85	1	1	9	2	3	314	1.53	0.13	1.85	0.07	0.04	0.4	0	0	0
S9624706	336818	WAT	56	4	158	0.9	19	214	1	13	87	4.99	1	76	15	25	109	1	1	5	4	3	438	1.68	0.27	3.11	0.06	0.04	0.61	0	0	0
S9624707	336819	WAT	182	2	34	1.1	8	33	1	18	133	2.53	1	281	2	23	49	1	1	3	1	1	225	2.15	0.01	1.71	0.02	0.01	0.01	5	5.9	297
S9624708	336620	WAT	197	2	62	1.5	22	100	1	31	229	3.47	1	893	2	52	97	1	1	5	1	1	397	4.09	0.12	4.16	0.08	0.03	0.03	5	8.8	298
S9624709	336621	WAT	1216	2	101	1.3	1	190	1	38	146	3.42	1	485	2	24	157	1	1	7	1	1	256	3.15	0.13	3.62	0.1	0.01	0.12	5	10	407
S9624710	336622	WAT	38	4	48	0.7	1	55	1	56	897	3.03	1	193	7	17	34	1	1	5	4	6	659	8.9	0.02	0.63	0.13	0.01	0.07	0	0	0
S9624711	336623	WAT	46	5	73	0.8	5	80	1	10	84	2.95	4	123	15	19																

S9624783	337715	WAT	11	7	30	0.4	1	45	1	3	13	1.75	1	22	2	2	38	1	1	2	3	8	172	0.34	0.08	1	0.05	0.03	0.07	0	0	0
S9624785	337717	WAT	52	5	232	0.6	1	124	1	9	26	3.89	12	29	10	2	70	1	1	9	8	19	619	1.08	0.19	2.04	0.16	0.01	0.45	0	0	0
S9624786	337718	WAT	4	2	8	0.2	2	12	1	1	1	0.39	1	4	12	2	11	1	1	2	1	2	51	0.03	0.01	0.13	0.01	0.04	0.03	0	0	0
S9624787	337719	WAT	13	2	36	0.2	1	34	1	3	9	1.73	1	23	15	2	53	2	1	2	2	5	213	0.22	0.08	0.69	0.04	0.04	0.13	0	0	0
S9624788	337720	WAT	28	13	65	0.6	1	73	1	7	29	4.73	3	35	11	2	52	4	1	2	11	13	745	0.71	0.11	1.76	0.06	0.01	0.26	0	0	0
S9624789	337721	WAT	10	10	19	0.2	3	17	1	1	4	0.92	1	6	18	2	17	1	1	2	2	7	61	0.07	0.03	0.33	0.01	0.01	0.03	0	0	0
S9624790	337722	WAT	8	2	46	0.2	11	53	1	3	10	1.69	1	19	8	2	32	2	1	3	4	11	225	0.39	0.07	0.94	0.05	0.01	0.16	0	0	0
S9624791	337723	WAT	10	10	53	0.2	6	84	1	4	17	2.34	2	28	6	2	45	1	1	4	4	9	270	0.46	0.08	1.15	0.05	0.01	0.12	0	0	0
S9624792	337724	WAT	14	2	39	0.2	8	130	1	2	11	1.58	1	30	12	2	56	1	1	2	2	3	233	0.34	0.1	0.81	0.02	0.01	0.1	0	0	0
S9624793	337725	WAT	139	2	31	0.2	8	170	1	10	33	1.38	4	52	2	2	37	1	1	19	11	8	558	0.41	0.04	0.98	0.62	0.05	0.04	5	10	885
S9624794	337726	WAT	290	5	81	0.6	15	402	1	24	52	3.47	4	121	11	2	114	1	1	14	5	6	408	1.36	0.09	2.29	0.58	0.03	0.43	5	8.7	1131
S9624795	337727	WAT	429	2	61	0.7	1	108	1	6	15	3.37	2	37	2	2	57	1	1	16	3	4	81	0.47	0.02	0.85	0.13	0.03	0.02	5	10	377
S9624796	337728	WAT	76	9	34	0.2	4	186	1	4	17	1.12	2	29	2	2	24	1	1	15	7	15	136	0.32	0.02	0.78	0.81	0.05	0.1	5	10	1045
S9624797	337729	WAT	72	2	31	0.2	10	143	1	6	22	1.24	1	26	2	2	23	1	1	14	7	9	275	0.36	0.04	0.92	0.9	0.02	0.1	5	10	1010
S9624798	337730	WAT	96	4	34	0.6	3	93	1	19	167	1.91	1	118	11	20	33	1	1	13	3	5	337	1.31	0.08	1.13	0.66	0.01	0.04	6	10	700
S9624799	337731	WAT	12	2	15	0.2	2	72	1	17	200	0.62	1	47	2	2	6	1	1	32	1	1	171	1.33	0.01	0.28	0.99	0.01	0.01	0	0	0
S9624800	337732	WAT	35	6	37	0.2	1	80	1	5	37	1.25	1	28	2	2	28	1	1	5	3	4	170	0.48	0.08	0.71	0.13	0.01	0.09	0	0	0
S9624801	337733	WAT	33	2	62	0.5	9	128	1	26	374	2.87	1	129	2	2	46	1	1	7	4	6	567	2.34	0.08	1.11	0.16	0.01	0.16	0	0	0
S9624802	337734	WAT	14	8	46	0.5	4	39	1	89	1234	4.07	1	254	17	12	13	1	1	5	2	2	1085	7.47	0.01	0.3	0.04	0.03	0.02	0	0	0
S9624803	337735	WAT	15	2	19	0.2	19	80	1	8	324	0.92	1	35	2	2	8	1	1	7	2	4	156	0.73	0.01	0.58	0.16	0.05	0.04	0	0	0
S9624804	337736	WAT	8	5	27	0.2	1	34	1	31	549	2.11	1	193	6	12	11	1	1	4	1	1	413	4.21	0.01	0.25	0.05	0.01	0.01	0	0	0
S9624805	337737	WAT	12	2	55	0.7	24	42	1	68	695	3.65	1	207	7	5	23	1	1	3	1	3	632	3.88	0.02	0.58	0.01	0.01	0.01	0	0	0
S9624806	337738	WAT	12	5	49	0.5	30	62	1	53	416	3.96	2	156	16	8	31	1	1	4	1	3	686	2.37	0.03	0.79	0.02	0.01	0.02	0	0	0
S9624807	337739	WAT	9	2	30	0.7	1	20	1	65	1160	3.41	1	95	2	2	6	1	1	1	1	2	799	8.67	0.01	0.14	0.04	0.01	0.01	0	0	0
S9624808	337740	WAT	14	4	21	0.2	1	65	1	11	222	0.97	1	38	7	2	9	1	1	7	3	4	338	0.84	0.01	0.36	0.15	0.04	0.02	0	0	0
S9624809	337741	WAT	6	5	46	0.2	1	40	1	27	203	2.74	1	175	2	2	30	1	1	2	1	1	419	0.73	0.03	0.35	0.01	0.01	0.01	0	0	0
S9624810	337742	WAT	9	2	75	0.6	16	45	1	81	421	4.24	6	199	6	21	24	1	1	3	1	2	1049	1.58	0.02	0.49	0.04	0.01	0.01	0	0	0
S9624811	337743	WAT	140	2	51	0.4	25	143	1	37	1897	2.94	2	169	2	2	23	1	1	21	17	13	946	1.92	0.01	1.12	0.81	0.04	0.06	5	10	600
S9624812	337744	WAT	40	2	83	0.8	13	35	1	8	84	2.11	5	67	13	12	68	1	1	5	2	4	230	0.99	0.1	1.2	0.06	0.01	0.03	0	0	0
S9624813	337745	WAT	31	2	45	0.6	9	79	1	32	500	2.29	1	142	15	5	30	1	1	7	6	9	683	2.36	0.04	0.84	0.33	0.05	0.07	0	0	0
S9624814	337746	WAT	15	2	23	0.2	24	77	1	7	162	0.7	1	45	5	2	9	1	1	17	2	3	133	1.71	0.01	0.54	0.95	0.04	0.04	0	0	0
S9624859	36	WAT	2	2	4	0.2	3	28	1	1	2	0.19	1	7	2	2	5	1	1	2	1	1	21	0.04	0.01	0.22	0.02	0.01	0.01	0	0	0
S9624860	35	WAT	2	2	3	0.2	1	33	1	1	1	0.1	1	2	11	6	2	1	1	3	1	1	15	0.02	0.01	0.1	0.02	0.03	0.01	0	0	0
S9624861	34	WAT	6	2	7	0.2	6	16	1	1	1	0.21	1	2	2	2	3	1	1	2	1	1	30	0.11	0.01	0.16	0.04	0.03	0.01	0	0	0
S9624862	33	WAT	17	4	19	0.2	5	233	1	3	7	0.77	1	9	2	2	17	1	1	17	6	17	915	0.14	0.02	0.41	0.37	0.03	0.05	0	0	0
S9624863	32	WAT	102	13	53	3.7	76	298	1	9	40	2.43	22	62	2	2	39	1	1	71	112	152	658	0.44	0.01	2.42	2.01	0.01	0.14	0	0	0
S9624863	32	WAT	102	13	53	3.7	76	298	1	9	40	2.43	22	62	2	2	39	1	1	71	112	152	658	0.44	0.01	2.42	2.01	0.01	0.14	5	10	969
S9624864	31	WAT	6	2	3	0.6	1	65	1	1	5	0.13	4	2	2	2	2	1	1	60	1	3	108	0.02	0.01	0.28	1.46	0.02	0.01	0	0	0
S9624865	30	WAT	2	2	2	0.2	3	17	1	1	1	0.05	4	2	2	2	1	1	1	3	1	2	9	0.01	0.01	0.09	0.03	0.03	0.01	0	0	0
S9624866	29	WAT	3	12	13	0.5	5	37	1	1	4	0.68	1	10	7	2	26	1	1	2	1	3	48	0.13	0.04	0.46	0.02	0.01	0.03	0	0	0
S9624867	28	WAT	7	6	24	0.4	10	71	1	3	6	1.24	1	12	2	2	28	1	1	5	1	5	135	0.32	0.03	0.73	0.08	0.01	0.03	0	0	0
S9624868	27	WAT	4	2	23	0.2	2	26	1	1	1	0.02	1	2	2	2	1	1	1	36	1	1	18	0.01	0.01	0.01	0.61	0.03	0.04	0	0	0
S9624869	26	WAT	3	2	8	0.2	1	27	1	2	1	0.49	3	2	10	2	22	1	1	2	1	1	58	0.13	0.04	0.24	0.02	0.01	0.04	0	0	0
S9624870	25	WAT	1	2	4	0.2	1	34	1	1	1	0.13	1	2	2	2	6	1	1	3	1	1	20	0.01	0.01	0.11	0.03	0.01	0.02	0	0	0
S9624871	24	WAT	5	2	12	0.6	5	84	1	3	3	0.4	1	5	12	2	14	1	1	7	1	2	200	0.1	0.01	0.3	0.13	0.04	0.03	0	0	0
S9624872	23	WAT	44	9	47	0.9	1	287	2	8	22	0.8	1	10	13	2	17	1	1	55	11	12	1926	0.22	0.01	0.72	1.36	0.04	0.02	0	0	0
S9624873	22	WAT	45	13	67	1.2	12	259	1	8	12	1.68	7	12	15	2	36	1	1	35	29	40	1680	0.25	0.01	1.19	0.93	0.04	0.03	5	10	1014
S9624874	21	WAT	3	4	4	0.2	1	30	1	1	2	0.13	1	4	11	2	4	1	1	3	1	2	29	0.01	0.01	0.18	0.03	0.01	0.01	0	0	0
S9624875	20	WAT	6	2	17	0.2	18	66	1	1	4	0.64	1	6	12	9	17	1	1	7	1	3	52	0.06	0.01	0.26	0.05	0.04	0.03	0	0	0
S9624876	19	WAT	1	2	4	0.2	1	21	1	1	1	0.25	1	4	2	2	5	1	1	1	1	3	19	0.04	0.01	0.3	0.01	0.01	0.02	0	0	0
S9624877	18	WAT	48	21	7																											

S9624887	8	WAT	1	5	3	0.4	5	31	1	1	1	0.14	1	2	22	2	4	1	8	2	1	2	13	0.02	0.01	0.25	0.03	0.01	0.03	0	0	0
S9624888	7	WAT	15	6	27	0.2	1	120	1	5	7	1.14	4	14	26	2	18	1	1	107	6	13	280	0.3	0.01	0.87	2.75	0.03	0.09	0	0	0
S9624889	6	WAT	20	4	46	0.5	1	218	1	10	12	2.12	1	37	20	13	37	1	10	40	5	13	234	0.77	0.05	1.63	0.95	0.01	0.31	0	0	0
S9624890	5	WAT	14	4	43	0.6	4	164	1	9	10	2.2	1	38	28	2	40	1	1	22	3	8	273	0.78	0.06	1.47	0.51	0.01	0.38	0	0	0
S9624891	4	WAT	23	2	41	0.4	11	230	1	8	15	1.63	1	19	11	5	21	1	1	65	8	18	249	0.46	0.01	1.19	1.78	0.03	0.21	0	0	0
S9624892	3	WAT	4	2	10	0.4	10	68	1	1	2	0.12	1	2	21	2	3	1	1	52	1	3	64	0.04	0.01	0.1	1.5	0.04	0.02	0	0	0
S9624893	2	WAT	4	4	3	0.6	7	33	1	1	1	0.22	1	2	15	2	2	1	1	8	1	6	13	0.01	0.01	0.21	0.1	0.01	0.02	0	0	0
S9624894	1	WAT	13	12	21	0.2	5	88	1	4	7	1.18	1	10	26	2	18	1	1	7	1	6	116	0.26	0.01	0.86	0.08	0.01	0.13	0	0	0
S9625678	336501	WAT	19	2	49	0.2	3	45	1	45	620	2.6	1	105	11	11	11	1	1	3	2	2	598	4.25	0.01	0.43	0.09	0.02	0.02	0	0	0
S9625679	336502	WAT	16	6	45	0.2	1	40	1	63	890	2.61	1	91	2	9	8	1	1	3	2	2	959	8.1	0.01	0.36	0.07	0.01	0.02	0	0	0
S9625680	336503	WAT	16	2	30	0.2	9	31	1	51	680	2.47	1	100	2	2	9	1	1	2	1	1	628	5.85	0.01	0.31	0.01	0.01	0.01	0	0	0
S9625681	336504	WAT	11	2	36	0.2	5	34	1	30	653	2.73	1	226	2	18	13	1	2	4	2	2	394	5.44	0.01	0.38	0.05	0.01	0.01	0	0	0
S9625682	336505	WAT	11	2	62	0.2	7	116	1	116	711	3.47	1	150	2	22	12	1	1	8	1	1	2218	5.02	0.01	0.4	0.19	0.03	0.02	0	0	0
S9625683	336506	WAT	24	2	36	0.2	1	41	1	81	1142	2.7	1	122	2	7	6	1	1	3	2	1	1047	7.16	0.01	0.31	0.04	0.01	0.01	0	0	0
S9625684	336507	WAT	19	2	41	0.2	1	42	1	50	717	2.28	1	83	2	5	12	1	1	3	4	3	596	4.88	0.01	0.39	0.03	0.01	0.01	0	0	0
S9625685	336508	WAT	20	2	41	0.2	14	77	1	65	1021	2.7	1	96	2	8	3	1	1	13	1	1	1162	8.24	0.01	0.34	0.17	0.03	0.01	0	0	0
S9625686	336509	WAT	31	6	56	0.4	1	363	1	19	273	2.33	1	208	2	15	48	3	1	12	3	5	329	3.06	0.06	1.58	0.16	0.01	0.24	0	0	0
S9625687	336510	WAT	18	2	36	0.2	1	73	1	83	1002	3.09	3	84	2	10	10	1	1	4	2	2	1264	7.18	0.01	0.43	0.07	0.01	0.01	0	0	0
S9625688	336511	WAT	11	2	25	0.2	10	59	1	36	186	1.55	1	85	2	2	14	1	3	2	1	1	741	1.44	0.03	0.44	0.1	0.02	0.01	0	0	0
S9625689	336512	WAT	11	2	8	0.2	1	16	1	1	12	0.5	1	16	2	2	10	1	1	3	1	1	27	0.11	0.01	0.42	0.03	0.03	0.01	0	0	0
S9625690	336513	WAT	15	2	6	0.2	1	14	1	2	13	0.54	1	11	2	2	11	1	2	2	1	1	40	0.14	0.01	0.46	0.03	0.01	0.01	0	0	0
S9625691	336514	WAT	14	2	48	0.2	1	147	1	50	406	2.71	1	180	2	20	17	1	3	6	1	1	684	2.59	0.01	0.32	0.14	0.02	0.04	0	0	0
S9625692	336515	WAT	19	2	28	0.2	1	52	1	7	103	1.45	2	81	2	2	23	1	2	5	1	1	114	0.67	0.02	0.63	0.03	0.01	0.01	0	0	0
S9625693	336516	WAT	10	4	18	0.2	1	42	1	7	98	1	2	85	2	10	17	1	1	3	1	1	120	0.75	0.02	0.33	0.03	0.03	0.01	0	0	0
S9625694	336517	WAT	9	5	113	0.2	6	103	1	5	60	2.26	5	29	2	12	20	1	1	6	3	4	272	0.74	0.08	1.27	0.05	0.01	0.23	0	0	0
S9625695	336518	WAT	11	5	87	0.2	2	119	1	14	109	2.99	5	35	2	2	23	1	1	4	5	4	509	0.94	0.07	1.44	0.06	0.01	0.37	0	0	0
S9625696	336519	WAT	4	2	59	0.2	6	95	1	3	20	1.86	2	18	2	6	16	3	2	2	1	1	230	0.54	0.06	1.14	0.02	0.01	0.29	0	0	0
S9625697	336520	WAT	17	2	56	0.2	1	121	1	10	94	1.71	3	91	5	2	32	1	1	5	1	2	271	0.83	0.02	0.82	0.13	0.03	0.05	0	0	0
S9625698	336521	WAT	13	4	67	0.2	4	124	1	22	148	2.75	3	68	2	20	25	1	1	5	3	4	630	1.28	0.04	0.91	0.04	0.03	0.14	0	0	0
S9625699	336522	WAT	27	10	87	0.2	18	142	1	11	77	2.67	2	25	2	2	31	1	1	8	16	26	453	1.12	0.06	1.2	0.22	0.01	0.35	0	0	0
S9625701	336524	WAT	7	9	105	0.2	4	80	1	9	53	2.9	4	45	2	2	37	1	1	3	3	3	302	0.27	0.01	0.44	0.06	0.01	0.06	0	0	0
S9625702	336525	WAT	27	5	61	0.2	1	1721	1	14	103	3.42	4	158	2	19	93	1	1	11	2	2	719	1.12	0.08	1.59	0.11	0.01	0.14	0	0	0
S9625703	336526	WAT	18	16	64	0.5	1	385	1	22	80	4.64	2	134	9	16	102	1	1	4	1	2	1646	0.81	0.08	1.42	0.03	0.01	0.12	0	0	0
S9625704	336527	WAT	31	17	71	0.4	1	537	1	6	39	3.45	3	53	2	7	57	1	1	7	2	5	476	0.31	0.01	1.05	0.01	0.01	0.04	0	0	0
S9625705	336528	WAT	25	26	78	0.4	1	372	1	3	18	3.68	1	42	8	2	62	1	1	6	1	4	482	0.14	0.02	0.88	0.02	0.02	0.08	0	0	0
S9625706	336529	WAT	23	15	43	0.2	6	260	1	2	9	1.9	2	12	2	2	60	1	1	7	1	4	386	0.03	0.01	0.46	0.01	0.01	0.04	0	0	0
S9625707	336530	WAT	18	11	63	0.2	10	230	1	4	13	2.36	6	13	2	2	23	1	1	4	4	7	300	0.57	0.04	1.41	0.04	0.01	0.08	0	0	0
S9625708	336531	WAT	19	17	69	0.2	13	273	1	3	18	2.43	7	16	2	2	25	1	1	8	4	6	283	0.64	0.04	1.63	0.03	0.01	0.16	0	0	0
S9625709	336532	WAT	12	5	57	0.2	7	251	1	3	19	2.27	2	24	5	2	45	1	1	6	1	1	173	0.28	0.11	0.69	0.08	0.03	0.16	0	0	0
S9625710	336533	WAT	18	8	69	0.2	1	247	1	7	28	1.59	1	21	2	2	25	1	1	5	5	9	296	0.46	0.05	0.78	0.15	0.02	0.18	0	0	0
S9625711	336534	WAT	8	2	44	0.2	1	99	1	3	18	1.38	1	26	9	2	27	4	2	2	1	3	142	0.34	0.05	0.76	0.03	0.01	0.11	0	0	0
S9625712	336535	WAT	7	2	32	0.2	1	38	1	5	45	1.75	4	58	2	2	37	1	1	3	1	1	119	0.25	0.07	0.59	0.01	0.01	0.05	0	0	0
S9625713	336536	WAT	6	2	43	0.2	3	88	1	5	51	1.65	4	48	18	2	30	1	1	3	1	2	165	0.5	0.03	0.66	0.03	0.01	0.05	0	0	0
S9628707	337627	WAT	12	5	37	0.6	1	37	1	54	629	3.26	1	188	2	5	15	1	1	3	1	2	702	5.61	0.01	0.42	0.05	0.03	0.01	0	0	0
S9628708	337628	WAT	14	5	42	0.2	1	67	1	25	306	2.42	3	166	2	8	16	3	1	8	2	3	398	1.76	0.01	0.62	0.06	0.02	0.03	0	0	0
S9628709	337629	WAT	9	2	29	0.6	4	21	1	45	747	2	1	100	2	10	7	1	1	1	1	2	547	7.06	0.01	0.17	0.02	0.01	0.01	0	0	0
S9628710	337630	WAT	13	4	75	0.2	18	64	1	53	647	2.89	2	123	2	2	12	1	1	6	2	2	876	4.32	0.01	0.51	0.1	0.03	0.02	0	0	0
S9628711	337631	WAT	8	2	38	0.7	1	30	1	46	747	3.21	1	312	2	17	13	1	1	2	1	2	633	8.44	0.01	0.28	0.05	0.01	0.01	0	0	0
S9628712	337632	WAT	14	4	39	0.7	1	61	1	55	910	2.88	3	171	2	5	12	1	1	3	2	3	808	8.88	0.01	0.37	0.06	0.01	0.01	0	0	0
S9628713	337633	WAT	13	2	34	0.4	1	44	1	33	540	2.28	2	134	2	6	14	1	1	2	2	3	427	4.94	0.01	0.42	0.03	0.01	0.01	0	0	

S9628724	337644	WAT	100	4	70	0.5	1	203	1	18	73	3.31	2	83	2	12	85	1	1	7	8	8	432	1.52	0.06	1.92	0.43	0.01	0.24	5	10	676
S9628725	337645	WAT	89	2	77	0.4	3	128	1	16	68	2.08	1	48	2	10	36	1	1	7	2	1	163	0.77	0.02	0.86	0.57	0.01	0.02	5	10	430
S9628726	337646	WAT	18	2	18	0.2	4	29	1	68	1359	3.23	1	79	2	2	5	1	1	2	1	1	729	9.01	0.01	0.19	0.04	0.01	0.01	0	0	0
S9628727	337647	WAT	14	4	37	0.6	9	40	1	50	868	2.54	1	155	2	8	8	5	1	5	1	2	670	8.43	0.01	0.35	0.07	0.03	0.01	0	0	0
S9628728	337648	WAT	14	2	38	0.4	14	81	1	111	928	3.27	1	111	6	9	7	1	1	5	1	1	1738	9.29	0.01	0.31	0.12	0.02	0.03	0	0	0
S9628729	337649	WAT	14	2	38	0.6	1	23	1	76	1349	3.43	1	102	7	6	4	1	1	2	1	1	826	9.99	0.01	0.2	0.05	0.01	0.01	0	0	0
S9628730	337650	WAT	14	4	38	0.4	10	36	1	70	1108	3.67	1	98	6	13	7	1	1	3	1	2	837	8.99	0.01	0.24	0.03	0.01	0.01	0	0	0
S9628731	337651	WAT	12	2	41	0.4	9	32	1	61	939	3.99	1	145	2	5	9	2	1	2	1	2	783	8.41	0.01	0.39	0.02	0.01	0.01	0	0	0
S9628732	337652	WAT	38	2	54	0.5	1	39	1	115	1108	5.18	1	144	2	2	10	1	1	4	1	2	1068	9.21	0.01	0.36	0.05	0.02	0.01	0	0	0
S9628733	337653	WAT	17	2	56	0.8	1	47	1	58	738	3.75	1	77	7	8	8	1	1	7	1	2	859	6.58	0.01	0.49	0.09	0.01	0.01	0	0	0
S9628734	337654	WAT	17	2	49	0.8	9	38	1	46	1172	3.97	1	176	2	16	10	1	1	3	2	2	623	8.1	0.01	0.33	0.03	0.01	0.01	0	0	0
S9628735	337655	WAT	74	4	56	0.8	40	47	1	87	1023	4.74	1	157	2	11	12	1	1	3	1	2	799	8.39	0.01	0.35	0.05	0.01	0.01	5	10	367
S9628736	337656	WAT	20	2	38	0.6	1	31	1	66	1083	3.55	1	120	2	9	9	1	1	2	2	3	726	9.69	0.01	0.29	0.02	0.01	0.01	0	0	0
S9628737	337657	WAT	18	6	38	0.6	1	46	1	56	1025	3.18	1	64	2	7	3	3	1	6	1	1	793	8.99	0.01	0.23	0.11	0.03	0.01	0	0	0
S9628738	337658	WAT	13	2	53	0.4	1	32	1	61	1008	4.22	1	118	2	12	6	3	1	2	1	1	722	8.73	0.01	0.32	0.06	0.02	0.01	0	0	0
S9628739	337659	WAT	19	4	16	0.5	28	13	1	40	1632	3.48	1	114	2	14	3	1	1	2	1	1	984	4.99	0.01	0.06	0.05	0.02	0.01	0	0	0
S9628740	337660	WAT	106	2	65	0.6	3	341	1	34	108	3.62	2	113	2	16	88	1	1	5	5	3	622	2.09	0.09	1.82	0.34	0.01	0.4	5	10	791
S9628741	337661	WAT	13	2	32	0.5	5	66	1	63	743	2.53	1	126	2	12	7	1	1	6	1	2	707	5.64	0.01	0.52	0.07	0.01	0.02	0	0	0
S9628742	337662	WAT	24	2	23	0.2	1	67	1	9	96	1.41	1	61	2	15	29	1	1	4	1	1	140	0.52	0.01	0.51	0.14	0.02	0.02	0	0	0
S9628743	337663	WAT	31	2	45	1.1	1	52	1	51	929	3.28	1	252	2	15	20	1	1	3	3	3	579	7.81	0.01	0.49	0.07	0.01	0.01	5	10	338
S9628744	337664	WAT	16	2	54	0.6	16	37	1	79	1546	3.98	3	319	2	18	11	1	1	2	1	2	903	9.99	0.01	0.29	0.03	0.01	0.01	0	0	0
S9628745	337665	WAT	3	5	15	0.2	5	16	1	9	101	1.06	1	71	2	2	9	1	1	3	1	1	148	0.39	0.01	0.3	0.02	0.01	0.01	0	0	0
S9628746	337666	WAT	18	2	34	0.5	15	35	1	69	1153	3.07	1	187	2	12	9	5	1	4	2	3	803	9.97	0.01	0.39	0.03	0.01	0.01	0	0	0
S9628747	337667	WAT	15	2	42	0.5	12	43	1	36	628	2.65	1	160	2	6	14	2	1	4	2	4	482	4.21	0.01	0.49	0.05	0.01	0.01	0	0	0
S9628748	337668	WAT	12	6	40	0.2	8	61	1	32	823	2.87	3	192	2	17	13	7	1	5	2	3	428	5.9	0.01	0.44	0.05	0.01	0.01	0	0	0
S9628749	337669	WAT	11	2	48	0.9	8	40	1	70	890	3.81	1	208	2	17	13	1	1	4	1	3	895	7.49	0.01	0.34	0.03	0.01	0.01	0	0	0
S9628750	337670	WAT	10	4	33	0.7	21	21	1	48	900	2.92	1	123	2	5	8	1	1	2	1	2	534	9.4	0.01	0.19	0.03	0.01	0.01	0	0	0
S9624437	337010	WAT	101	29	292	0.9	43	309	1	25	213	3.76	1	62	12	2	58	1	1	15	14	12	1066	2.03	0.04	1.11	0.38	0.01	0.23	38	10	1696
S9624464	337038	BL	10	2	98	1.5	5	56	1	16	49	5.75	1	127	2	26	133	1	1	2	6	7	764	1.17	0.26	2.1	0.07	0.04	0.34	5	10	715
S9624465	337039	BL	1	2	4	0.4	5	9	1	1	1	0.28	1	4	10	2	3	1	1	1	1	1	23	0.03	0.01	0.36	0.01	0.01	0.03	-1	-1	-1
S9624466	337040	BL	7	2	52	0.5	4	44	1	4	5	3.46	3	14	9	11	49	1	1	1	4	4	385	0.58	0.13	1.45	0.01	0.01	0.54	-1	-1	-1
S9624467	337041	BL	11	10	45	0.9	12	47	1	5	10	3.79	1	28	11	5	90	1	1	4	3	3	427	0.4	0.2	1.35	0.07	0.04	0.16	-1	-1	-1
S9624468	337042	BL	10	5	22	0.6	1	29	1	1	4	2.01	2	12	2	6	47	1	1	2	3	4	165	0.09	0.07	0.57	0.02	0.03	0.09	-1	-1	-1
S9624469	337043	BL	7	6	18	0.6	1	34	1	1	4	1.15	2	9	17	2	18	1	1	5	10	17	142	0.14	0.03	0.67	0.19	0.04	0.09	-1	-1	-1
S9624470	337044	BL	20	9	84	0.7	7	102	1	8	16	4.51	6	37	10	2	83	1	1	5	18	31	622	0.88	0.2	2.45	0.1	0.04	0.37	-1	-1	-1
S9624471	337045	BL	5	2	20	1.5	1	33	1	2	3	1.43	1	7	10	2	25	1	4	2	11	16	165	0.12	0.04	0.4	0.06	0.01	0.11	5	10	982
S9624472	337046	BL	9	2	35	0.9	13	55	1	5	10	3.69	6	21	21	2	45	1	1	1	9	13	374	0.67	0.14	1.64	0.04	0.01	0.39	-1	-1	-1
S9624473	337047	BL	11	7	60	0.5	1	62	1	5	11	2.78	1	15	2	2	31	1	1	4	19	23	669	0.6	0.06	1.38	0.16	0.01	0.28	-1	-1	-1
S9624474	337048	BL	28	7	89	0.6	13	132	1	11	21	4.17	11	37	21	2	64	1	1	7	27	36	639	0.98	0.19	2	0.3	0.01	0.66	-1	-1	-1
S9624475	337049	BL	96	4	105	0.8	7	169	1	32	268	4	4	113	15	7	73	1	1	11	9	7	789	2.46	0.09	1.69	0.49	0.01	0.34	5	10	782
S9624478	337050	BL	102	7	91	0.7	18	93	1	20	95	3.25	1	99	7	2	66	18	1	5	6	12	453	1.38	0.14	2.28	0.13	0.01	0.16	5	10	759
S9624477	337051	BL	12	5	67	0.4	26	81	1	3	8	2.55	4	14	17	2	28	1	1	5	9	9	1098	0.24	0.03	0.77	0.08	0.03	0.14	-1	-1	-1
S9624478	337052	BL	13	8	62	0.2	12	91	1	8	15	9.84	26	22	7	2	63	1	3	2	77	72	3995	0.26	0.03	1.08	0.05	0.03	0.08	-1	-1	-1
S9624479	337053	BL	9	7	28	0.9	1	24	1	3	9	2.69	3	14	11	6	42	1	1	2	11	6	233	0.19	0.11	0.61	0.06	0.03	0.09	-1	-1	-1
S9624480	337054	BL	22	12	69	0.7	17	41	1	6	13	3.73	5	31	7	2	59	1	1	3	14	22	327	0.66	0.17	1.65	0.08	0.03	0.18	-1	-1	-1
S9624481	337055	BL	26	11	128	0.8	1	249	1	14	15	6.83	17	30	11	2	81	1	1	11	78	98	2312	1.26	0.11	2.28	0.52	0.01	0.51	-1	-1	-1
S9624482	337056	BL	15	2	58	0.8	1	108	1	8	10	3.74	7	23	2	2	53	1	1	7	36	51	932	0.47	0.09	1.17	0.48	0.03	0.33	-1	-1	-1
S9624483	337057	BL	8	5	42	1	1	34	1	6	11	2.57	2	40	7	8	101	1	1	2	3	4	262	0.62	0.24	1.27	0.06	0.04	0.28	-1	-1	-1
S9624484	337058	BL	7	7	20	0.9	1	26	1	5	10	2.58	1	45	2	2	68	16	1	1	4	3	240	0.4	0.1	1.08	0.02	0.01	0.11	-1	-1	-1
S9624485	337059	BL	14	2	58	0.4	13	107	1	8	7	5.54	12	17	9	2	48	1	1													

S9624495	337069	BL	53	25	140	1	57	60	1	7	26	4.36	9	35	2	2	80	1	1	4	5	6	446	0.11	0.05	0.72	0.02	0.03	0.05	5	10	1191
S9624496	337070	BL	66	2	51	0.5	23	91	1	17	60	3.28	3	91	13	7	68	1	1	5	5	3	451	0.9	0.05	1.68	0.14	0.01	0.09	5	10	667
S9624497	337071	BL	95	2	63	0.9	37	195	1	26	83	3.49	6	109	11	2	87	1	1	18	8	2	852	0.89	0.05	1.39	0.82	0.04	0.12	5	10	575
S9624498	337072	BL	12	2	12	0.7	1	25	1	3	8	0.94	1	15	2	2	58	5	1	1	1	1	58	0.02	0.15	0.27	0.05	0.04	0.01	-1	-1	-1
S9624499	337073	BL	26	2	32	0.7	10	79	1	10	42	1.98	2	82	18	2	48	1	1	12	2	2	261	0.53	0.06	0.95	0.42	0.04	0.03	-1	-1	-1
S9624500	337074	BL	1	2	1	0.2	1	2	1	1	1	0.01	1	2	2	2	1	1	22	1	1	1	2	0.01	0.01	0.01	0.01	0.01	0.01	-1	-1	-1
S9624501	337075	BL	102	2	93	0.5	8	312	1	23	53	4.81	2	85	2	11	110	1	1	16	12	14	1110	1.31	0.17	2.12	0.87	0.04	0.68	5	10	986
S9624502	337076	BL	55	7	63	0.4	15	157	1	14	53	3.57	1	84	2	2	87	1	1	10	5	6	450	1.07	0.1	1.8	0.32	0.01	0.35	-1	-1	-1
S9624503	337077	BL	96	2	79	0.5	21	93	1	27	134	4.16	1	209	2	28	100	1	1	14	2	1	415	2.24	0.24	3.07	0.31	0.04	0.26	5	10	272
S9624504	337078	BL	52	2	84	0.2	5	218	1	17	80	3.53	1	94	6	6	85	1	1	8	6	6	579	1.19	0.13	1.66	0.3	0.01	0.4	-1	-1	-1
S9624505	337079	BL	90	2	70	0.2	9	226	1	18	55	3.75	2	80	2	2	92	1	1	10	7	8	625	1.5	0.21	2.32	0.5	0.01	0.61	5	10	897
S9624506	337080	BL	60	7	88	0.5	4	195	1	17	49	4.06	3	94	2	2	102	2	1	8	6	8	701	1.35	0.15	2.31	0.3	0.01	0.41	-1	-1	-1
S9624507	337081	BL	33	12	77	0.7	22	89	1	34	579	3.72	1	144	8	8	53	1	1	5	5	5	610	3.79	0.09	1.41	0.1	0.01	0.14	-1	-1	-1
S9624509	337083	BL	39	10	148	0.4	4	132	1	23	240	3.68	1	101	7	2	55	1	1	8	16	24	515	2.26	0.05	1.28	0.27	0.01	0.2	-1	-1	-1
S9624578	336537	BL	28	14	92	0.2	1	146	1	8	42	2.87	1	58	2	2	56	1	1	8	6	9	299	0.81	0.06	1.82	0.16	0.01	0.12	-1	-1	-1
S9624579	336538	BL	34	15	101	0.2	6	194	1	10	39	2.91	4	59	2	5	61	7	1	10	8	11	437	0.88	0.07	1.91	0.23	0.01	0.18	-1	-1	-1
S9624581	336540	BL	33	12	97	0.2	5	199	1	11	47	2.83	1	55	2	2	53	1	1	9	7	9	398	0.8	0.08	1.53	0.2	0.01	0.17	-1	-1	-1
S9624582	336541	BL	41	16	111	0.2	5	205	1	12	51	3.15	1	67	2	8	60	1	1	10	8	10	386	0.93	0.08	1.98	0.14	0.01	0.09	-1	-1	-1
S9624583	336542	BL	31	16	115	0.2	7	154	1	10	45	3.07	1	63	2	2	57	1	1	8	6	9	355	0.87	0.09	2.06	0.15	0.01	0.15	-1	-1	-1
S9624584	336543	BL	12	16	44	0.5	1	85	1	3	15	1.91	3	42	5	2	58	1	1	5	2	5	143	0.47	0.06	1.32	0.04	0.01	0.04	-1	-1	-1
S9624585	336544	BL	16	13	22	0.2	9	86	1	1	7	0.93	1	20	2	2	30	1	1	6	2	9	54	0.13	0.01	0.87	0.03	0.04	0.02	-1	-1	-1
S9624586	336545	BL	24	18	90	0.6	7	121	1	7	32	3.08	3	56	13	12	66	3	1	6	5	7	276	0.75	0.09	1.78	0.14	0.01	0.15	-1	-1	-1
S9624587	336546	BL	32	14	90	0.2	1	185	1	7	31	2.82	1	62	5	20	63	1	1	15	8	9	321	0.93	0.09	1.88	0.24	0.01	0.21	-1	-1	-1
S9624588	336547	BL	20	9	67	0.4	1	103	1	5	21	2.7	4	61	2	11	88	1	1	7	2	5	241	0.82	0.08	1.62	0.07	0.03	0.1	-1	-1	-1
S9624590	336549	BL	33	8	93	0.7	5	326	1	9	30	2.95	7	72	6	9	71	1	1	28	6	8	310	1.06	0.11	2.13	0.47	0.01	0.34	-1	-1	-1
S9624591	336550	BL	17	11	63	0.6	11	119	1	4	19	2.47	7	37	5	10	49	1	1	4	2	4	210	0.42	0.08	1.96	0.06	0.03	0.12	-1	-1	-1
S9624592	336551	BL	16	10	49	0.5	1	74	1	3	16	3.17	1	40	2	21	79	1	1	4	2	4	245	0.47	0.1	1.53	0.05	0.03	0.12	-1	-1	-1
S9624593	336552	BL	16	16	72	0.2	15	74	1	5	20	4.71	1	51	2	10	78	1	1	3	2	4	257	0.6	0.13	1.56	0.03	0.01	0.13	-1	-1	-1
S9624594	336553	BL	5	6	21	0.2	11	29	1	1	5	0.83	3	18	6	13	36	8	1	2	1	4	65	0.2	0.07	0.64	0.01	0.01	0.08	-1	-1	-1
S9624595	336554	BL	32	16	67	0.4	18	100	1	7	26	3.03	5	58	2	10	66	9	1	5	2	6	224	0.6	0.08	1.7	0.06	0.01	0.08	-1	-1	-1
S9624596	336555	BL	5	9	27	0.2	1	26	1	1	4	1.47	3	13	2	2	55	1	1	1	1	2	91	0.14	0.1	0.58	0.02	0.01	0.06	-1	-1	-1
S9624597	336556	BL	167	9	69	0.4	2	175	1	9	42	2.22	4	79	2	35	52	1	1	12	5	8	199	0.88	0.08	2.03	0.18	0.03	0.09	5	10	1013
S9624598	336557	BL	72	9	62	0.9	1	133	1	14	47	2.37	6	110	2	15	63	1	1	7	2	2	196	0.84	0.14	1.7	0.11	0.03	0.18	5	10	826
S9624599	336558	BL	12	13	62	0.8	1	78	1	5	15	3.88	4	54	2	18	119	1	1	3	3	4	306	0.57	0.2	1.83	0.07	0.03	0.29	-1	-1	-1
S9624600	336559	BL	23	18	111	1	15	91	1	7	27	4.71	5	66	2	26	97	1	1	4	2	3	315	0.61	0.13	1.99	0.04	0.02	0.15	-1	-1	-1
S9624601	336560	BL	25	18	94	0.5	28	133	1	8	30	3.61	4	49	9	11	91	1	1	6	3	4	499	0.62	0.13	1.67	0.08	0.01	0.11	-1	-1	-1
S9624602	336561	BL	20	11	78	0.5	8	185	1	7	24	3.25	4	54	2	15	93	1	1	9	3	4	319	0.78	0.14	1.72	0.13	0.01	0.17	-1	-1	-1
S9624603	336562	BL	25	8	36	0.5	4	81	1	4	17	1.52	2	35	2	16	43	1	1	3	1	2	181	0.31	0.06	0.84	0.06	0.03	0.04	-1	-1	-1
S9624604	336563	BL	39	12	119	0.9	9	538	1	21	32	3.95	8	77	19	17	111	1	1	19	33	36	935	1.48	0.23	2.96	1.02	0.03	0.37	-1	-1	-1
S9624605	336564	BL	47	12	148	1	1	448	1	54	35	5.31	9	109	2	21	133	1	1	12	16	15	2387	0.94	0.18	3.54	0.46	0.03	0.21	-1	-1	-1
S9624606	336565	BL	33	14	160	1.3	15	334	1	24	38	4.58	9	77	8	14	132	8	1	11	5	7	1081	1.1	0.2	2.64	0.48	0.02	0.14	5	10	1487
S9624607	336566	BL	30	11	114	0.9	3	384	1	15	33	4.17	6	51	11	17	118	1	1	9	3	6	651	1.44	0.21	2.63	0.12	0.03	0.27	-1	-1	-1
S9624608	336567	BL	28	13	92	0.4	1	175	1	7	26	3.82	6	65	11	20	102	1	1	11	3	5	359	0.93	0.11	2.18	0.07	0.01	0.12	-1	-1	-1
S9624609	336568	BL	31	24	108	0.5	10	181	1	5	27	3.11	4	45	2	5	82	1	1	10	3	5	290	0.43	0.04	1.38	0.12	0.02	0.07	-1	-1	-1
S9624610	336569	BL	47	41	127	1.4	1	1757	1	6	29	5.13	5	39	2	5	110	1	1	20	3	5	400	0.35	0.07	1.35	0.09	0.03	0.15	5	10	8588
S9624611	336570	BL	40	42	208	1.2	19	568	1	14	40	5.94	6	67	11	20	151	1	1	9	3	5	1123	0.77	0.16	2.06	0.08	0.03	0.17	5	10	3695
S9624612	336571	BL	16	20	68	1.1	1	87	1	4	17	3.83	3	33	2	10	104	6	1	3	1	2	308	0.3	0.15	0.97	0.04	0.03	0.08	5	10	1687
S9624613	336572	BL	23	18	86	1.2	19	139	1	7	17	4.84	4	50	18	14	113	1	1	5	2	5	416	0.41	0.18	1.57	0.07	0.03	0.24	5	10	1254
S9624614	336573	BL	35	13	57	0.7	11	341	1	3	15	2.01	4	30	2	13	68	1	1	33	5	8	268	0.2	0.04	0.98	0.48	0.02	0.05	-1	-1	-1
S9624616	336575	BL	31	33	425	1.2	1	168	2	11	34	5.92	7	79	12	16	153</															

S9624740	337672	BL	118	4	48	0.2	1	105	1	17	49	2.3	1	70	2	8	54	1	1	39	4	2	1165	0.82	0.03	2.09	0.99	0.05	0.1	0	0	0
S9624741	337673	BL	42	6	41	0.2	17	49	1	9	72	1.68	1	52	11	2	48	1	1	4	2	3	273	0.57	0.05	0.76	0.1	0.01	0.01	0	0	0
S9624742	337674	BL	28	8	91	0.2	13	102	1	8	47	2.35	4	55	14	2	48	1	1	3	4	5	371	0.51	0.04	1.2	0.04	0.01	0.04	0	0	0
S9624743	337675	BL	29	34	102	0.2	1	74	1	6	35	1.81	6	41	16	2	43	1	1	4	3	8	211	0.41	0.03	0.92	0.05	0.01	0.03	0	0	0
S9624744	337676	BL	29	7	129	0.5	9	96	1	9	53	2.22	2	47	19	2	41	1	1	5	4	6	292	0.59	0.04	1.06	0.11	0.01	0.05	0	0	0
S9624745	337677	BL	31	31	209	0.5	21	71	1	8	43	3.03	4	33	11	2	56	1	1	2	13	19	439	0.32	0.01	1.03	0.02	0.01	0.05	5	10	1262
S9624746	337678	BL	14	8	47	0.4	1	64	1	5	32	2.31	4	46	5	6	39	1	1	3	3	5	166	0.35	0.03	1.16	0.04	0.01	0.05	0	0	0
S9624747	337679	BL	19	5	50	0.2	34	180	2	2	7	1	25	14	2	5	11	10	1	13	160	166	2535	0.1	0.01	1.1	0.55	0.01	0.02	0	0	0
S9624748	337680	BL	1	2	1	0.2	1	2	1	1	1	0.01	1	2	8	2	1	1	1	1	1	1	2	0.01	0.01	0.01	0.01	0.01	0.01	0	0	0
S9624749	337681	BL	10	5	51	0.4	19	58	1	6	12	2.88	1	21	8	2	58	1	1	2	11	17	277	0.38	0.1	1.16	0.02	0.01	0.21	0	0	0
S9624750	337682	BL	11	10	40	0.4	1	17	1	2	7	1.78	2	12	2	2	45	1	1	2	4	6	166	0.11	0.08	0.41	0.02	0.01	0.05	0	0	0
S9624751	337683	BL	51	4	87	0.6	50	173	1	32	265	3.65	4	106	2	22	72	1	1	11	6	6	819	2.74	0.07	1.34	0.18	0.04	0.23	0	0	0
S9624752	337684	BL	4	10	20	0.2	14	18	1	1	4	1.04	1	6	5	2	39	1	1	1	2	4	107	0.08	0.08	0.28	0.01	0.01	0.04	0	0	0
S9624753	337685	BL	11	9	49	0.2	3	37	1	5	14	2.38	1	24	2	10	53	10	1	2	6	7	291	0.31	0.08	0.87	0.02	0.01	0.13	0	0	0
S9624754	337686	BL	31	5	178	1.1	1	85	1	21	35	4.88	2	116	17	23	196	1	1	3	2	2	816	1.3	0.35	2.47	0.11	0.05	0.52	5	10	822
S9624755	337687	BL	23	41	142	0.2	4	73	1	7	18	2.62	1	42	10	2	71	1	1	4	7	8	351	0.55	0.11	1.42	0.1	0.04	0.23	5	10	950
S9624756	337688	BL	14	18	88	0.8	3	55	1	8	14	2.75	4	39	21	14	85	1	1	3	3	5	333	0.51	0.18	1.25	0.05	0.01	0.16	0	0	0
S9624757	337689	BL	10	16	67	0.2	1	36	1	3	7	1.58	1	23	6	2	62	1	1	3	2	3	184	0.22	0.13	0.57	0.05	0.04	0.1	0	0	0
S9624758	337690	BL	43	29	147	0.5	2	102	1	17	38	3.95	1	91	13	10	125	1	1	13	17	8	979	0.98	0.21	2.32	1.07	0.05	0.37	0	0	0
S9624759	337691	BL	30	38	195	0.7	5	96	1	12	25	3.55	6	71	13	7	101	1	1	12	10	15	678	0.77	0.16	1.9	0.46	0.04	0.19	5	10	1080
S9624760	337692	BL	13	26	307	0.9	9	63	1	25	43	4.04	3	101	2	2	160	1	1	3	1	2	1384	1.33	0.28	2.05	0.1	0.04	0.33	5	10	777
S9624761	337693	BL	44	59	393	0.5	14	49	1	12	26	3.63	1	56	24	2	114	1	1	5	4	5	460	0.68	0.17	1.51	0.1	0.01	0.2	5	10	794
S9624762	337694	BL	12	25	74	0.2	11	84	1	9	11	2.31	3	35	9	5	85	1	1	5	3	7	1149	0.3	0.11	0.98	0.08	0.03	0.08	0	0	0
S9624763	337695	BL	47	16	112	0.7	25	107	1	32	52	4.17	6	180	13	13	149	1	1	7	10	8	3080	1.65	0.11	3.11	0.25	0.04	0.1	0	0	0
S9624764	337696	BL	39	11	136	0.2	18	87	1	22	42	3.9	5	108	2	17	105	1	1	10	15	14	1262	1.06	0.15	2.94	0.74	0.04	0.39	0	0	0
S9624765	337697	BL	5	2	14	0.2	8	20	1	2	3	0.68	1	10	2	2	18	1	1	4	3	5	120	0.09	0.03	0.34	0.12	0.04	0.04	0	0	0
S9624766	337698	BL	5	2	14	0.2	3	22	1	1	3	0.5	1	9	13	2	13	1	1	4	2	5	70	0.07	0.02	0.37	0.09	0.04	0.03	0	0	0
S9624767	337699	BL	15	11	113	0.4	1	63	1	9	14	3.14	9	36	2	2	63	5	1	11	15	22	595	0.53	0.1	1.57	0.76	0.04	0.15	0	0	0
S9624768	337700	BL	10	14	57	0.2	12	36	1	4	9	2	4	21	2	2	47	1	1	4	4	9	418	0.22	0.06	0.82	0.13	0.03	0.09	0	0	0
S9624769	337701	BL	6	10	42	0.2	10	26	1	2	5	1.79	1	13	7	2	56	1	1	2	2	4	150	0.15	0.12	0.57	0.03	0.03	0.07	0	0	0
S9624770	337702	BL	6	13	55	0.2	1	15	1	1	2	1.75	1	8	12	9	75	1	1	1	1	3	153	0.09	0.11	0.38	0.01	0.01	0.06	0	0	0
S9624771	337703	BL	7	17	62	0.5	3	27	1	3	6	2.38	2	12	16	2	54	1	1	1	2	4	220	0.14	0.11	0.52	0.03	0.01	0.1	0	0	0
S9624772	337704	BL	3	4	16	0.2	4	31	1	1	2	0.86	1	7	14	2	32	11	1	2	1	4	106	0.11	0.09	0.36	0.05	0.03	0.09	0	0	0
S9624773	337705	BL	6	11	27	0.2	10	29	1	1	2	1.13	1	7	12	2	37	1	1	2	3	9	147	0.03	0.01	0.32	0.03	0.04	0.04	0	0	0
S9624774	337706	BL	9	8	50	0.6	1	27	1	3	5	2.31	1	11	2	5	64	1	1	2	3	4	255	0.14	0.08	0.48	0.04	0.03	0.11	0	0	0
S9624775	337707	BL	2	7	14	0.2	1	9	1	1	3	0.68	2	4	28	2	26	1	1	1	1	5	59	0.01	0.05	0.16	0.01	0.01	0.02	0	0	0
S9624898	326810	BL	9	4	15	0.2	4	38	1	7	207	0.76	1	42	5	2	6	1	1	6	1	2	113	1.91	0.01	0.4	0.08	0.02	0.01	0	0	0
S9624899	326811	BL	14	2	65	0.6	27	29	1	60	1506	3.84	1	146	21	11	10	1	1	2	2	2	718	9.99	0.01	0.27	0.02	0.01	0.01	0	0	0
S9624900	326812	BL	15	2	68	0.5	21	91	1	28	888	3.61	1	176	12	2	18	1	1	4	5	4	406	5.74	0.01	0.56	0.03	0.01	0.01	0	0	0
S9624901	326813	BL	22	2	63	0.2	5	87	1	28	821	3.64	1	199	14	31	24	1	1	5	7	7	449	4.24	0.01	0.72	0.08	0.01	0.02	0	0	0
S9624902	326814	BL	8	2	44	0.7	1	20	1	111	1663	4.07	1	85	8	5	4	1	1	1	1	2	1083	9.99	0.01	0.08	0.02	0.01	0.01	0	0	0
S9624903	326815	BL	15	4	56	0.7	7	44	1	49	1160	3.5	1	131	14	17	13	1	1	4	2	3	701	8.42	0.01	0.46	0.04	0.01	0.02	0	0	0
S9624904	326816	BL	19	4	61	0.8	1	80	1	49	963	4.9	1	196	17	11	22	1	2	6	4	5	751	5.45	0.01	0.68	0.04	0.01	0.01	0	0	0
S9624905	326817	BL	20	2	44	0.4	23	80	1	82	570	3.22	1	201	17	7	19	1	1	12	1	2	1108	4.46	0.01	0.52	0.35	0.03	0.08	0	0	0
S9624906	326818	BL	38	2	90	0.8	14	110	1	10	30	4.03	1	27	16	9	91	1	1	9	5	5	656	0.65	0.18	1.71	0.07	0.01	0.63	0	0	0
S9624907	326819	BL	23	2	42	1.1	33	92	1	123	1486	6.38	1	82	6	19	26	3	1	2	2	2	1190	9.26	0.02	0.67	0.05	0.01	0.05	5	10	327
S9624908	326820	BL	32	11	78	0.4	1	107	1	11	46	2.95	1	38	29	5	59	1	1	4	4	4	964	0.42	0.02	1.25	0.06	0.02	0.36	0	0	0
S9624909	326821	BL	41	2	44	1.1	4	199	1	16	57	2.72	1	103	13	2	71	1	1	15	3	4	416	0.9	0.07	1.35	0.5	0.01	0.35	5	10	679
S9624910	326822	BL	46	2	62	0.4	8	162	1	13	43	3.42	1	76	6	2	89	1	1	8	6	7	617	0.98	0.12	2.04	0.32	0.01	0.31	0	0	0
S9624911	326823	BL	81	2	83	0.9	1	288	1	13	22	4.2	1	40	28	19	107	1	1	12	9	13	749	0.98	0.21							

S9624922	326835	BL	10	2	44	0.7	1	10	1	100	1659	4.05	2	156	2	12	6	1	1	1	1	1	1075	9.99	0.01	0.14	0.01	0.01	0.01	0	0	0
S9624923	326836	BL	10	2	51	0.2	1	14	1	94	1514	4.14	1	160	2	14	8	1	2	1	1	1	1070	9.99	0.01	0.18	0.03	0.01	0.01	0	0	0
S9624924	326837	BL	25	2	57	0.9	1	27	1	99	1348	4.45	1	174	2	12	13	1	4	2	2	2	1210	9.99	0.01	0.6	0.06	0.03	0.03	0	0	0
S9624925	326838	BL	64	2	46	0.8	8	49	1	79	969	3.56	2	105	2	10	26	1	1	3	2	2	914	8.62	0.04	0.57	0.12	0.02	0.09	5	10	219
S9624926	326839	BL	95	2	30	0.2	4	167	1	17	98	1.87	1	111	2	20	54	1	2	7	2	3	210	1.19	0.08	1.17	0.37	0.03	0.29	5	10	366
S9624927	326840	BL	50	2	38	0.2	1	93	1	38	628	2.78	1	123	2	15	36	1	4	6	2	2	499	6.03	0.03	1.02	0.18	0.04	0.05	0	0	0
S9624928	326841	BL	12	2	35	0.5	1	12	1	85	1493	3.24	2	88	9	15	3	1	3	5	1	1	1154	9.99	0.01	0.29	0.07	0.01	0.01	0	0	0
S9624929	326844	BL	17	2	43	0.4	1	40	1	53	850	2.52	1	78	2	2	12	1	1	5	3	4	623	8.8	0.01	0.42	0.06	0.01	0.02	0	0	0
S9624930	326845	BL	20	2	39	0.4	17	16	1	84	1223	2.84	1	121	2	2	9	1	2	1	1	1	1138	9.99	0.01	0.28	0.04	0.01	0.01	0	0	0
S9624931	326846	BL	29	5	96	0.8	1	45	1	64	1072	3.43	1	205	2	14	20	1	1	4	3	4	1168	9.99	0.01	0.72	0.14	0.03	0.02	0	0	0
S9624932	326847	BL	20	2	39	0.8	1	27	1	88	1278	3.67	1	236	2	20	7	1	1	1	1	1	1552	9.99	0.01	0.24	0.04	0.01	0.01	0	0	0
S9624933	326848	BL	12	2	41	0.4	1	19	1	87	1328	3	1	208	2	16	7	1	2	1	1	2	1270	9.99	0.01	0.23	0.01	0.01	0.01	0	0	0
S9624934	326849	BL	38	2	38	0.7	3	52	1	78	1059	4.1	1	348	2	22	34	1	2	2	1	1	1574	8.45	0.01	0.45	0.04	0.01	0.01	0	0	0
S9624463	337037	BL	12	6	106	0.9	3	60	1	5	9	4.91	4	16	2	2	62	1	1	3	11	10	920	0.16	0.06	0.78	0.01	0.01	0.23	-1	-1	-1

**WAT and BL SILT GEOCHEMISTRY**

LAB	FIELD	PROPERTY	Cu	Pb	Zn	Ag	As	Ba	Cd	Co	Ni	Fe	Mo	Cr	Bi	Sb	V	Sn	W	Sr	Y	La	Mn	Mg	Ti	Al	Ca	Na	K	Au	Au Wt.	Ba (xrf)	
NUMBER	NUMBER		ppm	%	ppm	%	%	%	%	%	%	%																					
S9624429	337002	WAT	103	32	402	1.3	1	309	3	18	69	3.76	4	47	14	2	54	1	1	15	25	25	1187	0.83	0.03	1.01	0.45	0.01	0.26	5	7.1	1915	
S9624430	337003	WAT	103	32	393	0.9	13	465	2	20	67	3.95	8	83	8	2	72	1	1	19	19	18	1242	0.89	0.08	1.42	0.54	0.05	0.36	-1	-1	1908	
S9624431	337004	WAT	110	23	361	0.7	1	334	2	21	72	3.93	4	56	11	9	59	1	1	16	17	16	1037	0.81	0.05	1.14	0.51	0.01	0.27	5	7	1728	
S9624432	337005	WAT	98	20	259	0.7	9	267	1	22	139	3.25	6	82	2	2	54	1	1	12	11	10	773	1.52	0.04	1.09	0.42	0.01	0.24	61	5.7	1324	
S9624433	337006	WAT	90	16	242	0.7	2	257	1	22	184	3.03	9	58	5	8	49	1	1	13	11	11	737	1.89	0.03	1	0.47	0.01	0.2	5	7.3	1371	
S9624434	337007	WAT	102	7	109	1.1	1	176	1	30	359	2.84	2	76	2	12	46	1	1	16	10	8	481	3.11	0.04	1.1	0.79	0.05	0.1	5	8	705	
S9624435	337008	WAT	84	17	208	0.5	1	277	1	22	197	3.07	2	62	7	6	52	1	1	13	10	10	804	1.93	0.05	1.07	0.49	0.04	0.21	5	6	1405	
S9624436	337009	WAT	105	18	288	0.5	12	298	1	29	269	3.55	1	71	6	2	56	1	1	15	13	12	887	2.79	0.05	1.15	0.51	0.05	0.23	5	6.3	1163	
S9624513	337087	WAT	59	21	61	0.2	4	158	1	11	34	1.71	10	25	2	2	13	1	1	35	114	152	183	0.29	0.01	1.81	0.76	0.01	0.08	-1	-1	-1	
S9624784	337716	WAT	146	2	80	0.7	1	182	1	31	116	3.42	6	91	12	9	58	1	1	11	14	10	881	0.81	0.03	0.89	0.68	0.01	0.26	5	10	641	
S9625700	336523	WAT	32	6	74	0.2	8	192	1	7	43	1.96	12	24	2	2	23	1	2	9	58	78	546	0.56	0.03	1.19	0.4	0.03	0.2	0	0	0	
S9624428	337001	WAT	207	12	358	1.2	1	364	2	35	123	4.08	5	105	2	14	60	1	1	63	21	18	1179	1.23	0.03	1.92	0.84	0.01	0.19	5	10	1089	
S9624580	336539	BL	31	15	96	0.2	2	270	1	9	28	2.57	1	46	2	2	47	4	1	18	14	15	546	0.74	0.05	1.29	0.44	0.01	0.14	-1	-1	-1	
S9624589	336548	BL	31	13	101	0.6	13	301	1	11	30	3.13	5	62	2	15	61	1	1	30	13	23	636	1	0.07	2.04	0.66	0.04	0.24	-1	-1	-1	
S9624815	336574	BL	74	14	203	0.9	1	519	3	16	53	3.85	6	97	6	23	90	1	1	30	12	11	730	1.25	0.11	2.63	0.72	0.02	0.31	5	9	1781	
S9624508	337082	BL	69	8	117	0.2	17	217	1	30	236	4.12	1	96	5	2	81	3	1	11	12	11	863	2.34	0.1	1.49	0.49	0.01	0.43	5	10	941	

**ANALYTICAL METHODS:**

ICP PACKAGE : 0.5 gram sample digested in hot reverse aqua regia (soil, silt) or hot Aqua Regia (rocks)

**APPENDIX III**  
**STATEMENTS OF EXPENDITURES**

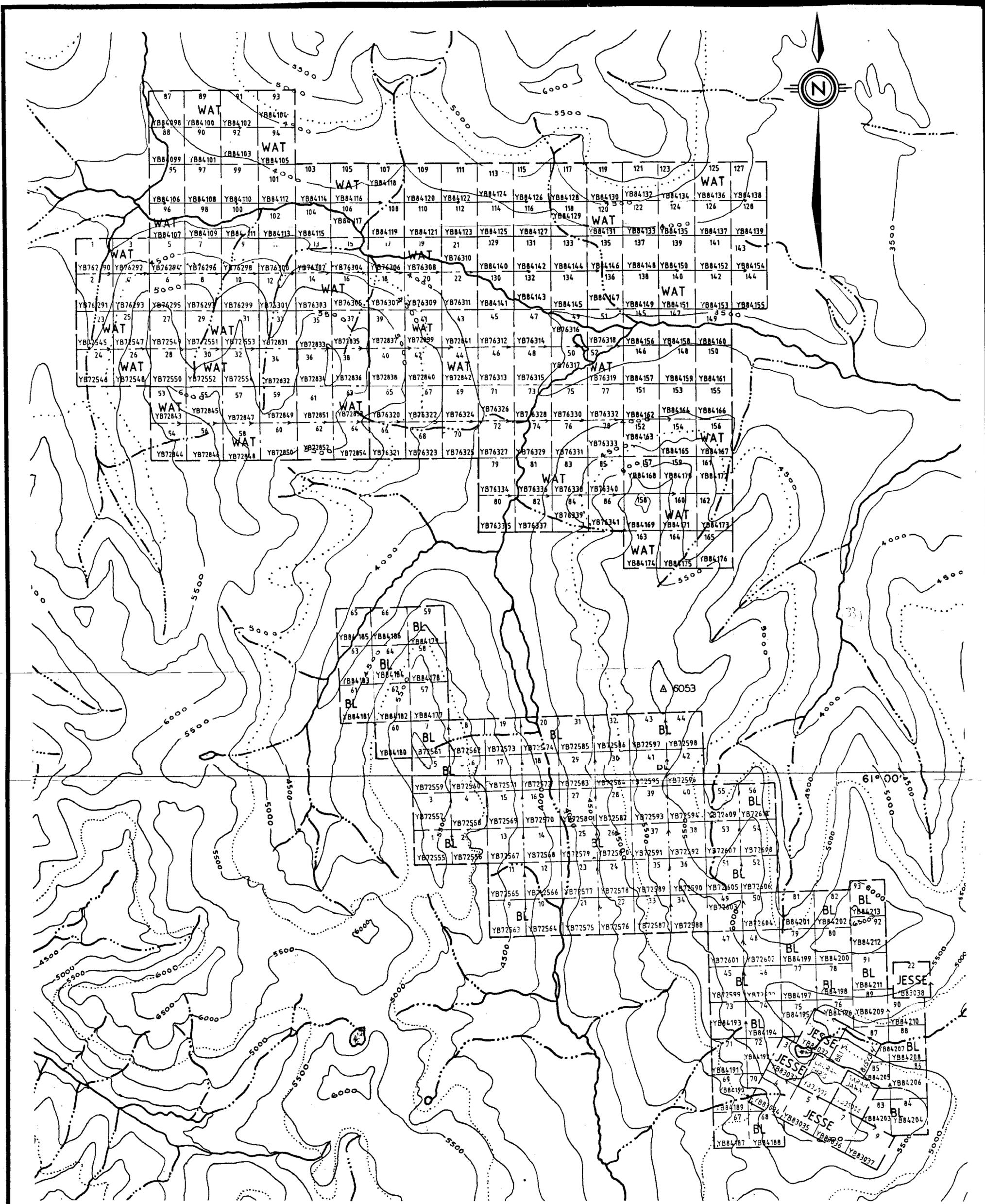
**WAT PROPERTY**

<u>EXPENDITURE ITEM</u>	<u>COST \$</u>
GEOLOGY STAFF COST	805
GEOCHEMISTRY STAFF COSTS	840
GEOCHEMICAL ANALYSES	4,954
DOMICILE	1,500
HELICOPTER	1,495
<b>TOTAL</b>	<b>9,594</b>

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**BL PROPERTY**

<u>EXPENDITURE ITEM</u>	<u>COST \$</u>
GEOLOGY STAFF COST	700
GEOCHEMISTRY STAFF COSTS	480
GEOCHEMICAL ANALYSES	3,055
DOMICILE	1,000
HELICOPTER	1,300
<b>TOTAL</b>	<b>6,535</b>



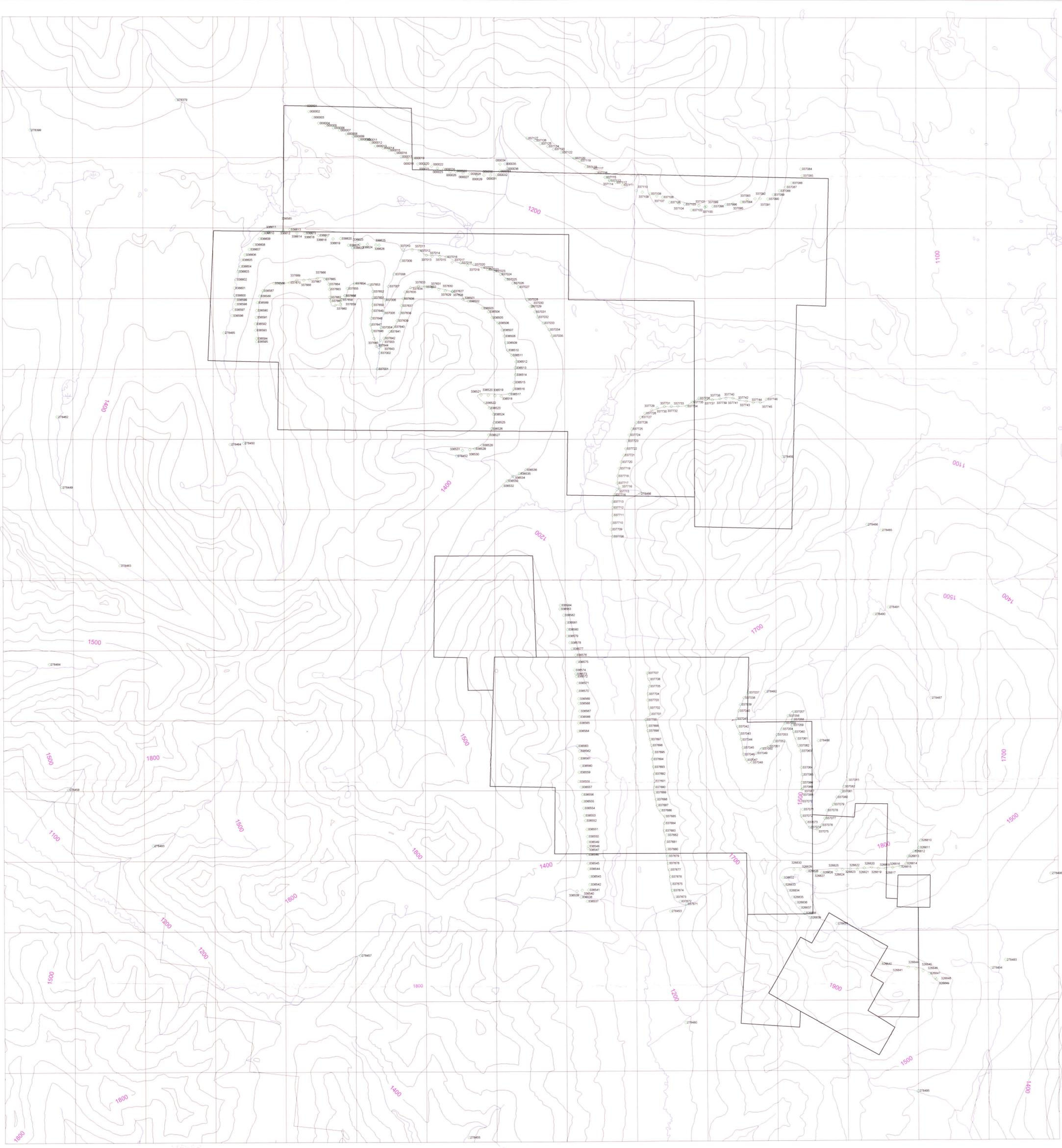
DIAND - YUKON REGION, LIBRARY

093883  
DWL/D

105 G/1.  
B/16

Drawn by:	DAS	Traced by:	
Revised by:	Date	Revised by:	Date

**WAT AND BL PROPERTIES  
CLAIM MAP**



**LEGEND**

-  FAULTS
-  CONTACTS
-  CONTOURS
-  WATER

  
 3 MUDSTONE/SILTSTONE  
 4 FELSIC VOLCANIC  
 5 MAFIC VOLCANIC  
 6 ULTRAMAFIC VOLCANIC  
 7 ARENITE/WACKE  
 8 2 MICA GRANITE

1:20,000

093883  
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