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INDUCED POLARIZATION / RESISTIVITY SURVEYS

McCONNELL CREEK PROPERTY, JOHANSON LAKE AREA, B. C.
GERLE GOLD LTD.

OMINECA MINING DIVISION

94-D-16

LATITUDE 56 52.5' LONGITUDE 126 27'

Work by: Scott Geophysics Ltd.

Work for: Placer Dome Inc.



R. W. Cannon, P. Eng.

August, 1989

INTRODUCTION

Induced Polarization and Resistivity surveys were conducted over portions of the McConnell Creek Property, Johanson Lake Area, B. C., during the period July 2 to 14, 1989. The work was conducted by Scott Geophysics Ltd. on behalf of Placer Dome Inc.

The pole-dipole electrode array was used with an "a" spacing of 25 metres and "n" separations of 1 to 5. The current electrode was to the east of the receiving electrodes on lines 5450N to 6300N, and to the west on lines 6400N to 12900N.

LOCATION AND ACCESS

The McConnell Creek Property is located approximately 50 kms. north of the Johanson Lake airstrip (at kilometre 395 on the Omineca Mining Road). Access to the property is by four wheel drive vehicle for 24 kms. to the east from kilometre 422 on the Omineca Mining Road.

SURVEY GRID AND SURVEY COVERAGE

A total of 19.6 line kilometres of induced polarization survey were completed on the McConnell Creek property. Portions of twenty-four lines were surveyed to test the feasibility of using I.P. as an exploration tool on the property.

INSTRUMENTATION AND PROCEDURES

A Scintrex IPR11 time domain microprocessor based receiver and a Scintrex 2.5 kw IPC7 transmitter were used for the induced polarization survey. Readings were taken using a 2 second alternating square wave. The chargeability for the eighth slice (M7 690 to 1050 milliseconds after shutoff; midpoint at 870 milliseconds) is the value that has been plotted on the accompanying pseudosections.

The survey data was archived, processed, and plotted using a Sharp PC7000 microcomputer running Scintrex Soft II, IGS, and proprietary software. All chargeability values were analyzed for their spectral characteristics using a curve matching procedure (Soft II).

SURVEY RESULTS

The results were plotted as pseudosections at a scale of 1:2500 of the resistivity and chargeability data for "n" = 1 through 5.

DISCUSSION OF RESULTS

The resistivities ranged from a low of 37 to a high of 10400 ohm-metres with a mean of 1400 ohm-metres. The chargeabilities were from -.3 to 35.9 milliseconds with a mean of 4.32milliseconds.

Only one significant anomaly was detected by the survey and it was as follows:

L 7100N from 9650E to 9725E
L 7200N from 9625E to 9700E
L 7300N from 9600E to 9675E
L 7400N from 9600E to 9650E
L 7500N from 9575E to 9625E

This zone had chargeabilities from 10 to 35.9 milliseconds against a background of 4 milliseconds with resistivities ranging from 1200 to 2700 ohm-metres. The slightly elevated resistivities in conjunction with a chargeability high is indicative of a silicified sulphide bearing zone.

CONCLUSIONS AND RECOMMENDATIONS

It is concluded that I.P. surveys are of little use in outlining the known gold zones and therefore it is recommended that no further surveys be done at this time. If, however, the anomaly that was detected proves worthwhile then further I.P. work may be warranted.

(1989)

NORTH	EAST	AU1 ppb	CU ppm	PB ppm	ZN ppm	AG ppm	AS ppm	NORTH	EAST	AU1 ppb	CU ppm	PB ppm	ZN ppm	AG ppm	AS ppm	
L7350N	9480E	2	38	5	38	0.1	1	L7550N	9520E	2	15	3	27	0.1	4	
L7550N	9540E	2	9	6	31	0.1	3	L7700N	9220E	2	14	3	25	0.1	1	
L7550N	9560E	2	15	3	28	0.1	4	L7700N	9240E	2	31	7	38	0.1	3	
L7550N	9580E	2	22	3	23	0.1	6	L7700N	9260E	2	15	4	21	0.1	5	
L7550N	9600E	2	22	5	28	0.1	1	L7700N	9280E	2	14	3	32	0.1	4	
L7550N	9620E	2	17	5	28	0.1	1	L7700N	9300E	2	72	5	50	0.1	1	
L7550N	9640E	2	26	6	30	0.1	1	L7700N	9320E	2	38	3	123	0.2	1	
L7550N	9660E	2	23	6	31	0.1	1	L7700N	9340E	2	28	3	27	0.1	4	
L7550N	9680E	2	21	4	30	0.1	1	L7700N	9360E	2	14	4	52	0.1	1	
L7550N	9700E	2	17	5	25	0.1	3	L7700N	9380E	2	24	4	30	0.1	6	
L7600N	9340E	2	55	8	66	0.1	5	L7700N	9400E	2	115	4	35	0.1	2	
L7600N	9360E	2	18	4	34	0.1	1	L7700N	9420E	75	63	5	37	0.1	1	
L7600N	9380E	2	10	5	32	0.1	1	L7700N	9440E	2	262	5	64	0.1	6	
L7600N	9400E	2	11	6	67	0.1	1	L7700N	9460E	2	103	5	41	0.1	4	
L7600N	9420E	2	22	4	41	0.1	1	L7700N	9480E	2	15	4	36	0.1	1	
L7600N	9440E	2	11	4	23	0.1	1	L7700N	9500E	2	39	4	56	0.1	4	
L7600N	9460E	2	13	5	34	0.1	5	L7700N	9520E	135	21	6	37	0.3	1	
L7600N	9480E	2	8	5	28	0.1	3	L7700N	9540E	2	42	4	35	0.1	1	
L7600N	9500E	150	11	6	34	0.1	1	L7700N	9560E	2	22	6	44	0.1	1	
L7600N	9520E	2	9	7	33	0.1	1	L7700N	9580E	2	16	6	57	0.2	1	
L7600N	9540E	2	12	5	23	0.1	1	L7700N	9600E	2	17	5	35	0.1	1	
L7600N	9560E	2	12	5	39	0.1	4	L7700N	9620E	2	23	5	37	0.1	1	
L7600N	9580E	2	10	3	43	0.1	1	L7700N	9640E	2	18	5	42	0.1	1	
L7600N	9600E	2	13	2	32	0.1	2	L7700N	9660E	2	29	7	55	0.1	1	
L7600N	9620E	2	18	5	45	0.1	1	L7750N	9100E	2	15	3	30	0.1	2	
L7600N	9640E	2	12	2	47	0.1	1	L7750N	9120E	2	15	4	30	0.1	1	
L7600N	9660E	15	18	3	38	0.1	3	L7750N	9140E	2	34	5	50	0.1	3	
L7600N	9680E	15	21	5	33	0.1	2	L7750N	9160E	2	16	4	24	0.1	1	
L7600N	9700E	125	29	6	44	0.1	4	L7750N	9180E	2	17	4	23	0.1	6	
L7650N	9300E	41	2	18	4038	26	0.1 < 2	1	L7750N	9200E	2	17	4	22	0.1	1
L7650N	9320E	57	2	25	5	5039	0.1 < 2	1	L7750N	9220E	2	20	3	25	0.1	1
L7650N	9340E	< 2	2	36	6	11536	0.1 < 2	1	L7750N	9240E	2	12	4	30	0.1	1
L7650N	9360E	19	5	40	5	8151	0.3 < 2	1	L7750N	9260E	2	30	5	37	0.1	1
L7650N	9380E	9	2	13	6	7744	0.1 < 2	1	L7750N	9280E	2	19	5	28	0.1	1
L7650N	9400E	11	2	57	5	2347	0.1 < 2	1	L7750N	9300E	2	15	7	46	0.1	1
L7650N	9420E	6	2	13	4	6826	0.1 < 2	1	L7750N	9340E	40	28	7	35	0.1	3
L7650N	9440E	12	2	17	4	6825	0.1 < 2	1	L7750N	9360E	2	16	3	24	0.1	1
L7650N	9460E	< 2	30	11	4	5033	0.1 < 2	1	L7750N	9380E	50	36	4	27	0.1	1
L7650N	9480E	11	2	14	4	11526	0.1 < 2	1	L7750N	9400E	2	134	5	49	0.1	2
L7650N	9500E	2	17	6	40	0.1	1	L7750N	9420E	2	18	4	32	0.1	1	
L7650N	9520E	25	15	2	28	0.1	1	L7750N	9440E	5	24	5	36	0.1	6	
L7650N	9540E	2	24	5	27	0.1	1	L7750N	9460E	360	24	6	58	0.1	1	
L7650N	9560E	2	31	3	24	0.1	4	L7750N	9480E	2	11	7	49	0.1	1	
L7650N	9580E	2	20	4	24	0.1	5	L7750N	9500E	2	28	4	44	0.1	1	
L7650N	9600E	2	20	3	28	0.1	5	L7750N	9520E	2	14	5	29	0.1	1	
L7650N	9620E	2	24	5	32	0.1	6	L7750N	9540E	2	18	4	37	0.1	3	
L7650N	9640E	2	20	5	30	0.1	2	L7750N	9560E	2	24	6	45	0.1	1	
L7650N	9660E	2	29	4	32	0.1	5	L7750N	9580E	45	21	6	37	0.1	3	
L7650N	9680E	2	23	4	34	0.1	3	L7750N	9600E	2	34	5	38	0.1	8	
L7650N	9700E	2	56	6	52	0.3	1	L7750N	9620E	2	26	5	39	0.1	3	
L7700N	9100E	2	18	4	25	0.1	1	L7750N	9640E	2	48	6	40	0.1	1	
L7700N	9120E	2	13	3	20	0.1	6	L7750N	9660E	2	18	4	30	0.1	1	
L7700N	9140E	2	11	2	29	0.1	1	L7800N	9200E	2	16	5	32	0.1	1	
L7700N	9160E	2	13	3	28	0.1	3	L7800N	9220E	2	41	5	42	0.1	1	
L7700N	9180E	2	17	4	23	0.1	6	L7800N	9240E	2	17	4	27	0.1	4	

(1989)

NORTH	EAST	AU1 ppb	CU ppm	PB ppm	ZN ppm	AG ppm	AS ppm	NORTH	EAST	AU1 ppb	CU ppm	PB ppm	ZN ppm	AG ppm	AS ppm
L7700N	9200E	2	16	3	22	0.1	3	L7800N	9260E	2	21	4	30	0.1	1
↓ L7800N	9300E	20	21	5	28	0.1	1	↓ L7950N	9400E	2	20	6	46	0.1	1
L7800N	9320E	65	22	4	30	0.1	6	L7950N	9420E	170	14	5	35	0.1	1
L7800N	9340E	225	35	5	35	0.1	1	L7950N	9440E	2	13	4	110	0.1	1
L7800N	9360E	2	28	5	36	0.1	1	L7950N	9460E	2	20	5	43	0.1	1
↑ L7800N	9380E	2	24	4	33	0.1	4	↑ L7950N	9480E	2	18	5	40	0.1	1
L7800N	9400E	2	11	3	33	0.1	2	L7950N	9500E	2	24	5	47	0.1	2
L7800N	9420E	2	11	4	36	0.2	1	L7950N	9520E	2	37	6	43	0.1	1
L7800N	9440E	2	13	5	31	0.2	1	L7950N	9540E	40	26	6	35	0.1	1
L7800N	9460E	12	70	7	46	0.3	1	L7950N	9560E	2	31	6	40	0.1	1
L7800N	9480E	2	18	4	31	0.1	1	L7950N	9580E	2	24	5	31	0.1	1
L7800N	9500E	2	12	5	30	0.2	1	L7950N	9600E	10	38	5	41	0.1	1
L7800N	9520E	2	13	5	40	0.2	1	L8000N	9300E	2	43	4	50	0.1	1
L7800N	9540E	2	16	5	37	0.2	1	L8000N	9320E	2	38	5	73	0.1	2
L7800N	9560E	2	15	5	34	0.1	1	L8000N	9340E	2	46	6	62	0.4	3
L7800N	9580E	2	13	5	42	0.1	2	↓ L8000N	9360E	990	26	3	45	0.1	1
L7800N	9600E	2	24	4	36	0.2	1	L8000N	9380E	640	32	5	55	0.1	3
L7800N	9620E	2	33	5	40	0.1	1	L8000N	9400E	2	21	3	23	0.1	2
L7800N	9640E	2	32	6	46	0.1	1	L8000N	9420E	2	22	4	29	0.1	1
↓ L7850N	9380E	2	55	6	45	0.1	4	L8000N	9440E	10	12	4	30	0.1	1
L7850N	9400E	290	34	5	34	0.1	3	L8000N	9460E	2	25	6	60	0.1	1
L7850N	9420E	2	17	4	31	0.1	1	↑ L8000N	9480E	2	15	7	80	0.1	2
L7850N	9440E	10	11	4	29	0.1	1	L8000N	9500E	2	25	6	42	0.1	1
L7850N	9460E	10	35	5	34	0.1	2	L8000N	9520E	2	28	5	43	0.1	1
↑ L7850N	9480E	2	18	3	32	0.1	5	L8000N	9540E	2	25	5	30	0.1	1
L7850N	9500E	2	21	2	24	0.1	1	L8000N	9560E	2	24	5	41	0.1	1
L7850N	9520E	2	28	5	33	0.1	1	L8000N	9580E	75	26	5	28	0.1	1
L7850N	9540E	2	40	5	41	0.1	1	L8050N	9280E	2	27	5	64	0.1	1
L7850N	9560E	2	31	4	37	0.1	1	L8050N	9300E	2	23	3	31	0.1	1
L7850N	9580E	2	35	4	39	0.1	1	L8050N	9320E	2	28	3	42	0.1	1
L7850N	9600E	2	32	4	29	0.1	3	L8050N	9340E	2	28	3	37	0.1	1
L7850N	9620E	15	27	4	32	0.1	1	L8050N	9360E	2	26	3	30	0.1	2
L7850N	9640E	10	30	4	66	0.1	2	L8050N	9380E	2	24	3	25	0.1	3
↓ L7900N	9280E	2	64	7	80	0.1	3	L8050N	9420E	2	22	5	54	0.1	2
L7900N	9300E	10	24	5	44	0.1	1	L8050N	9440E	2	21	4	42	0.1	1
L7900N	9320E	2	27	5	31	0.1	3	L8050N	9460E	2	35	6	80	0.2	2
L7900N	9340E	2	15	5	51	0.1	1	L8050N	9480E	20	40	5	41	0.1	6
L7900N	9360E	2	34	5	50	0.1	1	L8050N	9500E	20	13	5	34	0.1	5
L7900N	9380E	2	16	4	40	0.1	1	L8050N	9520E	35	25	5	36	0.1	3
L7900N	9400E	2	18	9	34	0.1	1	L8050N	9540E	25	26	5	43	0.1	1
L7900N	9420E	2	21	6	54	0.1	1	L8050N	9560E	15	21	7	36	0.1	1
L7900N	9440E	290	15	7	47	0.1	1	L8100N	9200E	2	20	3	31	0.1	3
↑ L7900N	9460E	2	23	5	44	0.1	3	L8100N	9220E	5	24	4	32	0.1	1
↑ L7900N	9480E	2	40	6	105	0.1	1	L8100N	9240E	2	22	4	41	0.1	3
L7900N	9500E	2	19	6	35	0.1	1	L8100N	9260E	2	33	5	54	0.1	1
L7900N	9520E	2	22	6	42	0.1	1	L8100N	9280E	110	33	4	43	0.1	4
L7900N	9540E	2	28	6	34	0.1	3	L8100N	9300E	30	48	5	64	0.1	1
L7900N	9560E	2	26	6	37	0.1	4	L8100N	9320E	2	47	4	54	0.1	4
L7900N	9580E	2	28	5	34	0.1	3	L8100N	9340E	2	34	5	54	0.1	2
L7900N	9600E	2	34	5	35	0.1	2	L8100N	9360E	2	37	8	49	0.1	1
L7900N	9620E	2	31	5	32	0.1	1	L8100N	9380E	240	31	8	43	0.2	1
↓ L7950N	9300E	2	21	4	39	0.1	1	L8100N	9400E	25	23	7	31	0.1	4
L7950N	9320E	2	25	7	33	0.1	1	L8100N	9420E	10	23	6	26	0.1	1
L7950N	9340E	2	33	4	32	0.1	1	L8100N	9440E	10	18	7	34	0.1	2
L7950N	9360E	2	20	5	48	0.1	1	L8100N	9440E	2	12	6	37	0.1	3

(1989)

NORTH	EAST	AU1 ppb	CU ppm	PB ppm	ZN ppm	AG ppm	AS ppm
L9750N	10400E	35	13	2	27	0.1	1
L9900N	9420E	20	16	1	30	0.1	7
L9900N	9440E	30	29	3	48	0.2	1
L9900N	9460E	30	23	2	43	0.3	1
L9900N	9480E	20	22	2	33	0.1	1
L9900N	9500E	35	36	3	40	0.1	3
L9900N	10120E	5	10	4	28	0.1	7
L9900N	10140E	15	10	4	29	0.1	3
L9900N	10180E	2	13	6	44	0.1	2
L9900N	10200E	40	23	5	29	0.1	1
L9900N	10220E	30	16	4	24	0.1	3
L9900N	10240E	40	7	4	38	0.1	6
L9900N	10260E	55	6	3	31	0.1	4
L9900N	10320E	70	13	3	32	0.1	2
L9900N	10340E	25	14	3	38	0.1	1
L9900N	10360E	40	10	4	26	0.1	2
L9900N	10380E	15	18	5	38	0.1	2
L9900N	10400E	2	9	4	23	0.1	1
L9950N	9280E	20	90	4	80	0.2	1
L9950N	9300E	2	62	4	76	0.2	1
L9950N	9320E	5	30	3	50	0.1	7
L9950N	9340E	2	38	3	43	0.2	1
L9950N	9360E	2	67	4	51	0.2	1
L9950N	9380E	2	30	5	56	0.2	2
L9950N	9400E	2	25	2	31	0.2	1
L9950N	9420E	25	33	1	26	0.2	1
L9950N	9440E	2	31	2	36	0.2	2
L9950N	9460E	2	22	3	32	0.2	1
L9950N	9480E	2	30	4	37	0.1	5
L9950N	9500E	2	36	3	30	0.1	1
L1000N	9260E	2	31	4	35	0.1	2
L1000N	9280E	2	25	7	54	0.1	4
L1000N	9300E	2	133	8	78	0.1	3
L1000N	9320E	2	25	5	40	0.1	1
L1000N	9340E	2	56	4	45	0.1	4
L1000N	9380E	2	32	5	50	0.1	1
L1000N	9400E	2	33	2	35	0.1	6
L1000N	9420E	15	37	3	51	0.1	1
L1000N	9440E	2	29	4	48	0.1	4
L1000N	9460E	200	19	5	31	0.1	3
L1000N	9480E	2	43	5	50	0.1	4
L1000N	9500E	2	47	5	46	0.1	1
L1005N	9240E	25	21	5	28	0.1	1
L1005N	9260E	10	22	8	47	0.1	1
L1005N	9280E	15	11	8	53	0.1	3
L1005N	9300E	20	30	7	45	0.1	1
L1005N	9320E	45	27	5	31	0.1	1
L1005N	9340E	35	43	6	64	0.1	1
L1005N	9360E	2	60	8	59	0.1	2
L1005N	9380E	5	41	6	42	0.1	1
L1005N	9400E	2	66	4	40	0.1	1
L1005N	9420E	5	80	3	38	0.1	2
L1005N	9440E	2	34	2	31	0.1	3
L1005N	9460E	2	95	5	41	0.1	1
L1005N	9480E	2	160	4	31	0.1	3

NORTH	EAST	AU1 ppb	CU ppm	PB ppm	ZN ppm	AG ppm	AS ppm
L9900N	9400E	20	40	2	32	0.2	1
L10100N	9200E	2	38	6	60	0.1	1
L10100N	9220E	2	49	7	66	0.1	1
L10100N	9240E	2	48	6	48	0.1	3
L10100N	9260E	10	30	6	49	0.1	3
L10100N	9280E	5	41	5	34	0.1	1
L10100N	9300E	20	32	6	41	0.1	1
L10100N	9320E	5	42	6	39	0.1	1
L10100N	9340E	2	45	8	67	0.1	6
L10100N	9360E	2	48	10	56	0.2	3
L10100N	9380E	40	71	8	61	0.1	2
L10100N	9400E	2	64	9	64	0.1	1
L10100N	9420E	2	42	5	57	0.1	1
L10100N	9440E	2	26	6	57	0.1	4
L10100N	9460E	2	41	7	62	0.2	3
L10100N	9480E	2	25	6	46	0.1	5
L10100N	9500E	2	35	4	41	0.1	1
L10150N	9200E	2	38	5	75	0.1	1
L10150N	9220E	2	48	5	48	0.1	2
L10150N	9240E	5	21	6	70	0.1	1
L10150N	9260E	20	22	3	34	0.1	1
L10150N	9280E	1425	36	4	45	0.1	1
L10150N	9320E	145	32	5	47	0.1	1
L10150N	9340E	2	43	6	65	0.1	5
L10150N	9360E	2	140	5	44	0.1	1
L10150N	9380E	105	205	4	42	0.1	3
L10150N	9400E	2	407	5	46	0.5	1
L10150N	9420E	390	16	5	30	0.1	1
L10150N	9440E	2	22	5	46	0.2	1
L10150N	9460E	2	12	5	42	0.1	1
L10150N	9480E	2	109	6	61	0.5	1
L10150N	9500E	2	22	5	40	0.1	1
L10200N	9200E	2	37	4	41	0.1	1
L10200N	9220E	2	30	4	48	0.1	1
L10200N	9240E	2	35	3	41	0.1	1
L10200N	9260E	2	46	3	52	0.1	1
L10200N	9280E	2	63	5	68	0.1	1
L10200N	9300E	2	47	5	60	0.1	1
L10200N	9340E	2	62	6	69	0.1	2
L10200N	9360E	2	54	5	49	0.1	1
L10200N	9380E	195	25	5	47	0.1	1
L10200N	9400E	2	19	5	50	0.1	1
L10200N	9420E	2	15	5	47	0.1	1
L10200N	9440E	20	30	4	40	0.1	1
L10200N	9460E	25	33	4	33	0.1	1
L10200N	9480E	5	26	5	44	0.1	3
L10200N	9500E	15	16	4	41	0.1	1
L10250N	9200E	2	35	6	69	0.1	1
L10250N	9220E	2	61	5	39	0.1	3
L10250N	9240E	2	19	7	42	0.1	4
L10250N	9260E	2	26	7	41	0.1	4
L10250N	9280E	2	41	5	35	0.1	3
L10250N	9300E	2	58	8	54	0.3	1
L10250N	9340E	2	21	6	36	0.1	4
L10250N	9360E	2	29	5	40	0.1	5

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NORTH	EAST	AU1 ppb	CU ppm	PB ppm	ZN ppm	AG ppm	AS ppm	NORTH	EAST	AU1 ppb	CU ppm	PB ppm	ZN ppm	AG ppm	AS ppm
L10050N	9500E	2	500	4	56	0.2	1	L10250N	9380E	2	32	5	35	0.1	5
↓ L10250N	9400E	2	17	5	32	0.1	1	↓ L10450N	9400E	2	16	5	50	0.1	1
L10250N	9420E	2	18	5	32	0.1	1	L10450N	9420E	565	22	6	36	0.1	1
L10250N	9440E	2	43	8	70	0.1	1	L10450N	9440E	2	18	6	46	0.1	1
L10250N	9460E	2	30	5	38	0.1	1	↑ L10450N	9460E	5	23	6	43	0.1	1
L10250N	9480E	2	23	5	28	0.1	1	L10450N	9480E	15	22	6	56	0.1	1
↑ L10250N	9500E	2	52	6	50	0.1	1	L10450N	9500E	2	19	8	43	0.1	1
↓ L10300N	9200E	2	36	5	62	0.1	4	L10500N	9320E	2	31	7	70	0.3	1
L10300N	9220E	2	36	5	61	0.1	1	L10500N	9340E	2	24	7	52	0.1	1
L10300N	9240E	2	32	5	68	0.2	4	L10500N	9360E	2	23	7	67	0.2	1
L10300N	9260E	2	32	4	41	0.1	1	L10500N	9380E	2	17	6	60	0.1	1
L10300N	9280E	2	72	4	42	0.1	1	L10500N	9395E	155	14	7	53	0.1	1
L10300N	9300E	2	108	4	71	0.5	1	L10500N	9400E	2	19	6	51	0.1	1
L10300N	9340E	2	28	3	42	0.2	1	L10500N	9420E	5	19	6	43	0.1	5
L10300N	9360E	2	34	3	41	0.1	4	L10500N	9440E	2	26	9	93	0.1	1
L10300N	9380E	2	20	5	56	0.1	2	L10500N	9460E	2	20	10	44	0.1	1
L10300N	9400E	2	20	3	44	0.1	1	L10500N	9495E	2	42	8	64	0.1	1
L10300N	9420E	2	23	5	38	0.1	1	L10500N	9520E	2	36	6	66	0.1	1
L10300N	9440E	2	40	4	38	0.1	1	L10500N	9540E	2	20	6	51	0.1	1
L10300N	9460E	2	20	6	77	0.1	1	L10500N	9560E	2	32	6	73	0.1	1
L10300N	9480E	2	15	3	79	0.1	1	L10500N	9580E	2	40	6	60	0.1	2
9 L10300N	9500E	2	32	8	42	0.3	1	L10500N	9600E	35	16	6	72	0.1	1
L10350N	9200E	665	16	8	62	0.3	3	L10500N	9640E	10	20	3	34	0.1	4
L10350N	9220E	305	14	5	58	0.1	1	L10500N	9660E	2	11	5	41	0.1	2
L10350N	9240E	100	12	4	26	0.1	5	L10500N	9680E	5	17	7	34	0.1	5
L10350N	9260E	10	35	4	31	0.1	1	L10500N	9700E	5	12	9	40	0.1	2
L10350N	9280E	2	21	4	47	0.2	1	L10500N	9720E	2	24	12	44	0.1	1
L10350N	9300E	50	19	6	50	0.1	3	L10500N	9737E	10	10	8	38	0.1	1
L10350N	9360E	2	33	3	50	0.2	1	L10500N	9740E	5	13	10	48	0.2	2
L10350N	9380E	2	32	4	43	0.2	1	L10500N	9755E	5	37	25	110	0.2	3
L10350N	9420E	2	22	3	29	0.1	1	L10500N	9780E	15	13	19	33	0.5	2
L10350N	9440E	2	36	2	29	0.1	5	L10500N	9796E	2	10	6	28	0.1	1
L10350N	9460E	20	70	2	53	0.3	1	L10550N	9340E	2	37	12	69	0.1	3
L10350N	9480E	305	58	3	33	0.1	5	L10550N	9380E	2	12	7	46	0.1	1
↑ L10350N	9500E	2	40	<2	29	0.3	5	L10550N	9420E	2	17	6	58	0.1	2
↓ L10400N	9200E	2	33	3	45	0.2	8	L10550N	9440E	2	21	6	60	0.1	1
L10400N	9220E	2	48	3	47	0.1	1	L10550N	9460E	2	42	8	73	0.1	6
L10400N	9240E	10	30	3	45	0.2	7	L10550N	9500E	2	16	8	95	0.1	1
L10400N	9260E	30	37	2	42	0.1	2	L10550N	9520E	2	28	7	67	0.1	1
L10400N	9280E	20	80	3	49	0.1	1	L10550N	9540E	2	27	6	68	0.1	1
L10400N	9360E	10	25	2	49	0.1	1	L10550N	9560E	2	29	6	61	0.1	1
L10400N	9380E	15	46	3	59	0.1	3	L10550N	9580E	40	17	10	57	0.1	1
L10400N	9400E	2	25	5	32	0.1	1	L10550N	9600E	2	29	8	61	0.1	3
L10400N	9420E	2	21	3	33	0.1	1	L10550N	9620E	2	23	8	48	0.1	1
L10400N	9440E	2	25	4	35	0.1	1	L10550N	9640E	2	14	5	35	0.1	1
L10400N	9460E	40	30	4	39	0.1	1	L10550N	9660E	40	18	9	53	0.1	1
L10400N	9480E	2	36	6	58	0.1	5	L10550N	9680E	20	26	10	52	0.3	1
↑ L10400N	9500E	2	73	7	80	0.1	4	L10550N	9750E	5	16	19	60	0.1	3
↓ L10450N	9200E	2	35	6	52	0.2	3	L10550N	9760E	15	15	22	74	0.1	1
L10450N	9220E	290	23	5	50	0.2	2	L10550N	9775E	20	14	14	116	0.1	1
L10450N	9240E	2	84	7	70	0.1	1	L10600N	9360E	2	24	7	45	0.1	1
L10450N	9260E	2	20	5	45	0.1	1	L10600N	9380E	2	14	5	55	0.2	1
L10450N	9280E	2	69	4	50	0.1	1	L10600N	9380E	2	38	7	54	0.2	1
↑ L10450N	9300E	10	55	4	54	0.1	3	L10600N	9400E	2	14	7	51	0.1	1
L10450N	9360E	90	37	4	42	0.1	1	L10600N	9420E	2	27	3	51	0.1	1

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Sample description	Au ppb	AU PPB	AG PPM	AS PPM	BA PPM	BR PPM	CA %	CO PPM	CR PPM	CS PPM	FE %	HF PPM	HG PPM	IR PPB	MO PPM	NA PPM	NI PPM	RB PPM	SB PPM	SC PPM	SE PPM	SN %
L7650N 9300E	2	41	<2	4	490	2	3	8	130	<1	2.90	5	<1	<5	<2	24200	<50	<30	0.7	13	<3	<0.01
L7650N 9320E	2	57	<2	4	550	<1	3	11	140	<1	3.69	6	<1	<5	<2	23500	<50	45	0.8	17	<3	<0.01
L7650N 9340E	2	<2	<2	3	540	3	3	11	140	<1	3.78	7	<1	<5	<2	22100	<50	<30	0.5	15	<3	<0.01
L7650N 9360E	5	19	<2	3	470	6	3	14	120	1	4.39	5	<1	<5	<2	17300	<50	46	0.3	14	<3	<0.01
L7650N 9380E	2	9	<2	2	550	<1	3	10	150	3	4.69	5	<1	<5	<2	21000	<50	40	0.5	13	<3	<0.01
L7650N 9400E	2	11	<2	2	620	<1	3	13	140	2	4.64	6	<1	<5	<2	21600	<50	41	0.5	15	<3	<0.01
L7650N 9420E	2	6	<2	2	610	2	3	7	130	<1	3.05	5	<1	<5	<2	22200	<50	<30	0.5	12	<3	<0.01
L7650N 9440E	2	12	<2	3	620	<1	2	7	110	<1	2.96	5	<1	<5	<2	22200	<50	46	0.5	12	<3	<0.01
L7650N 9460E	30	<2	<2	4	570	4	2	10	150	<1	4.32	6	<1	<5	<2	21900	<50	34	0.5	13	<3	<0.01
L7650N 9480E	2	11	<2	3	540	4	3	9	120	<1	3.39	5	<1	<5	<2	24000	<50	<30	0.5	13	<3	<0.01
L7700N 9280E	2	<2	<2	3	540	6	2	8	120	1	3.29	5	<1	<5	4	22000	<50	32	0.4	12	<3	<0.01
L7700N 9300E	2	<2	<2	2	460	9	3	11	140	<1	3.95	5	<1	<5	<2	19100	<50	34	0.4	15	<3	<0.01
L7700N 9320E	2	<2	<2	2	340	8	3	16	230	<1	4.99	7	<1	<5	<2	19400	<50	<30	0.7	15	<3	<0.01
L7700N 9340E	2	24	<2	3	590	4	4	10	130	<1	3.49	6	<1	<5	5	26200	<50	<30	0.6	15	<3	<0.01
L7700N 9360E	2	10	<2	1	540	3	3	20	360	<1	5.60	5	<1	<5	<2	14800	<50	34	0.4	15	<3	<0.01
L7700N 9380E	2	<2	<2	3	430	2	3	7	130	2	2.56	5	<1	<5	<2	20700	<50	32	0.4	12	<3	<0.01
L7700N 9400E	2	10	<2	3	580	<1	4	11	140	<1	3.45	6	<1	<5	<2	24000	<50	<30	0.5	15	<3	<0.01
L7700N 9420E	75	10	<2	3	500	2	2	9	160	<1	3.39	7	<1	<5	<2	23800	<50	56	0.5	14	<3	<0.01
L7700N 9440E	2	9	<2	3	320	5	5	28	100	<1	6.01	3	<1	<5	<2	20000	<50	<30	0.3	38	<3	<0.01
L7700N 9460E	2	<2	<2	2	450	5	2	11	150	<1	3.71	6	<1	<5	<2	22600	<50	31	0.5	12	<3	<0.01
L7750N 9280E	2	<2	<2	3	520	6	4	9	140	<1	3.55	6	<1	<5	<2	23200	<50	31	0.4	13	<3	<0.01
L7750N 9300E	2	9	<2	4	540	<1	3	13	110	2	4.54	4	<1	<5	<2	22100	<50	<30	0.6	13	<3	<0.01
L7750N 9340E	40	<2	<2	2	720	<1	4	10	220	<1	3.64	7	<1	<5	4	27400	<50	<30	0.7	14	<3	<0.01
L7750N 9360E	2	4	<2	3	560	5	2	7	180	<1	3.21	6	<1	<5	<2	25000	<50	<30	0.6	13	<3	<0.01
L7750N 9380E	50	6	<2	3	580	3	4	9	190	<1	3.95	9	<1	<5	<2	22500	<50	<30	0.6	14	<3	<0.01
L7750N 9400E	2	10	<2	2	440	3	2	14	240	<1	3.14	5	<1	<5	<2	16500	<50	<30	0.5	11	<3	<0.01
L7750N 9420E	2	4	<2	2	580	4	3	10	190	<1	3.65	5	<1	<5	<2	24300	<50	<30	0.5	13	<3	<0.01
L7750N 9440E	5	10	<2	4	680	7	4	13	240	2	4.72	7	<1	<5	<2	25600	60	<30	0.7	16	<3	<0.01
L7750N 9460E	360	<3	<2	4	750	7	4	19	390	3	5.95	6	<1	<5	2	27300	100	57	0.6	17	<3	<0.01
L7750N 9480E	2	2	<2	3	480	<1	2	14	130	<1	4.55	5	<1	<5	<2	21500	<50	<30	0.4	13	<3	<0.01
L7800N 9300E	20	<2	<2	2	630	2	2	7	120	<1	2.70	5	<1	<5	<2	23600	<50	<30	0.5	13	<3	<0.01
L7800N 9320E	65	<2	<2	3	530	3	2	9	160	<1	3.25	5	<1	<5	<2	23300	<50	38	0.4	12	<3	<0.01
L7800N 9340E	225	12	<2	3	570	<1	3	9	130	<1	3.25	5	<1	<5	<2	23000	<50	<30	0.5	13	<3	<0.01
L7800N 9360E	2	<2	<2	3	570	5	2	9	130	<1	3.29	5	<1	<5	<2	21500	<50	31	0.5	13	<3	<0.01
L7800N 9380E	2	6	<2	3	600	3	3	8	140	<1	3.34	5	<1	<5	3	22900	<50	<30	0.7	13	<3	<0.01

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Sample description	AU ppb	AG PPM	AS PPM	BA PPM	BR PPM	CA %	CO PPM	CR PPM	CS PPM	FE %	HF PPM	HG PPM	IR PPB	MO PPM	NA PPM	NI PPM	RB PPM	SB PPM	SC PPM	SE PPM	SN %	
L7850N 9380E	2	7	<2	3	510	4	3	12	130	2	3.92	5	<1	<5	<2	21300	<50	<30	0.4	14	<3	<0.01
L7850N 9400E	290	249	<2	5	530	4	2	12	120	<1	3.50	5	<1	<5	<2	23100	<50	44	0.6	14	<3	<0.01
L7850N 9420E	2	5	<2	3	580	4	3	10	110	<1	3.12	6	<1	<5	<2	23900	<50	<30	0.4	13	<3	<0.01
L7850N 9440E	10	<2	<2	3	490	3	3	7	110	2	3.11	6	<1	<5	<2	22200	<50	40	0.6	13	<3	<0.01
L7850N 9450E	10	<2	<2	3	620	4	3	12	140	<1	3.75	5	<1	<5	<2	23300	<50	<30	0.4	14	<3	<0.01
L7850N 9480E	2	8	<2	3	660	3	2	10	110	<1	3.62	6	<1	<5	<2	25300	<50	42	0.3	11	<3	<0.01
L7900N 9280E	2	4	<2	4	610	3	3	21	200	<1	5.32	6	<1	<5	<2	19500	100	31	0.5	17	<3	<0.01
L7900N 9300E	10	80	<2	3	680	<1	4	13	140	<1	3.43	6	<1	<5	<2	23800	<50	<30	0.5	16	<3	<0.01
L7900N 9320E	2	7	<2	2	570	<1	3	10	140	<1	3.36	6	<1	<5	2	22100	<50	<30	0.5	13	<3	0.05
L7900N 9340E	2	23	<2	2	790	2	3	17	240	<1	3.88	4	<1	<5	<2	24900	<50	<30	0.3	13	<3	<0.01
L7900N 9350E	2	<2	<2	3	570	5	3	16	290	1	5.19	5	<1	<5	<2	22900	<50	<30	0.4	14	<3	<0.01
L7900N 9380E	2	4	<2	3	600	<1	3	11	180	<1	4.15	5	<1	<5	<2	23500	<50	<30	0.5	14	<3	<0.01
L7900N 9400E	2	<2	<2	4	510	5	2	12	160	<1	4.01	6	<1	<5	<2	22500	<50	<30	0.6	14	<3	<0.01
L7900N 9420E	2	4	<2	2	680	4	4	13	230	<1	4.87	5	<1	<5	<2	21200	<50	57	0.4	13	<3	<0.01
L7900N 9440E	290	6	<2	2	720	<1	3	13	240	<1	4.89	5	<1	<5	<2	22100	<50	31	0.5	15	<3	<0.01
L7950N 9300E	2	<2	<2	2	680	<1	3	9	160	<1	2.91	5	<1	<5	<2	22400	<50	38	0.6	12	<3	<0.01
L7950N 9320E	2	<2	<2	3	640	2	2	8	130	<1	2.70	4	<1	<5	<2	21400	<50	36	0.5	11	<3	<0.01
L7950N 9340E	2	12	<2	3	700	2	2	10	150	2	3.13	5	<1	<5	<2	22400	<50	42	0.5	12	<3	<0.01
L7950N 9350E	2	27	<2	3	780	3	2	14	380	<1	5.40	6	<1	<5	3	25400	<50	<30	0.4	15	<3	<0.02
*L7950N 9380E	2	295	<2	3	680	<1	2	22	390	<1	5.25	4	<1	<5	<2	18500	140	36	0.4	15	<3	<0.01
L7950N 9400E	2	<2	<2	3	660	2	2	12	230	<1	3.96	4	<1	<5	<2	21300	<50	<30	0.5	12	<3	<0.01
L7950N 9420E	170	107	<2	3	620	<1	4	9	160	<1	2.89	5	<1	<5	3	23600	140	41	0.6	12	<3	<0.01
L7950N 9440E	2	7	<2	<1	540	<1	6	31	420	<1	9.13	4	<1	<5	<2	20100	<67	<30	0.4	73	<3	<0.03
L7950N 9450E	2	11	<2	2	580	5	3	8	160	<1	3.38	5	<1	<5	<2	21100	130	<30	0.6	12	<3	<0.01
L7950N 9480E	2	9	<2	2	770	4	3	11	190	<1	4.66	6	<1	<5	5	23100	<50	<30	0.5	13	<3	<0.01
L8000N 9350E	990	17	<2	4	680	5	5	13	340	<1	5.76	6	<1	<5	<2	24300	<50	<30	0.7	15	<3	<0.01
L8000N 9380E	640	10	<2	3	540	8	3	15	180	3	5.20	6	<1	<5	<2	19500	<50	<30	0.5	15	<3	<0.01
L8000N 9400E	2	<2	<2	4	740	4	3	7	150	2	3.02	5	<1	<5	<2	22200	<50	<30	0.5	12	<3	<0.01
L8000N 9420E	2	12	<2	3	550	5	2	11	200	<1	3.44	5	<1	<5	<2	22800	<50	<30	0.6	13	<3	<0.01
L8000N 9440E	10	31	<2	4	660	4	3	7	180	<1	3.97	7	<1	<5	<2	21700	<50	51	0.6	11	<3	<0.01
L8000N 9450E	2	3	<2	4	500	8	3	11	170	<1	5.26	5	<1	<5	<2	17500	<50	<30	0.4	12	<3	<0.01
L8000N 9480E	2	<2	<2	2	670	2	3	12	150	<1	4.90	4	<1	<5	<2	21200	<50	59	0.3	12	<3	<0.01
L10050N 9240E	25	4	<2	3	590	<1	3	8	160	<1	2.96	5	<1	<5	<2	24300	140	<30	0.6	14	<3	<0.01
L10050N 9250E	10	6	<2	3	710	4	3	13	170	1	4.93	6	<1	<5	<2	21200	<50	55	0.5	14	<3	<0.01
L10050N 9280E	15	7	<2	3	600	5	3	11	200	1	5.44	6	<1	<5	<2	20200	<50	44	0.7	15	<3	<0.01

(1989)

Sample description	Au (PPB)	AU PPB	AG PPM	AS PPM	BA PPM	BR PPM	CA %	CO PPM	CR PPM	CS PPM	FE %	HF PPM	HG PPM	IR PPB	MO PPM	NA PPM	NI PPM	RB PPM	SB PPM	SC PPM	SE PPM	SN %
L10050N 9300E	20	16	<2	4	470	5	3	11	160	<1	4.58	6	<1	<5	<2	20500	<50	<30	0.6	14	<3	<0.01
L10050N 9320E	45	11	<2	3	610	<1	3	10	150	<1	3.30	4	<1	<5	<2	22500	<50	<30	0.5	13	<3	<0.01
L10050N 9340E	35	8	<2	3	610	4	5	12	150	<1	3.22	4	<1	<5	<2	20700	<50	<30	0.5	14	<3	<0.01
L10050N 9360E	2	7	<2	4	680	2	2	10	150	<1	3.63	5	<1	<5	<2	19900	<50	42	0.6	14	<3	<0.01
L10050N 9380E	5	11	<2	3	680	<1	2	10	160	<1	3.39	4	<1	<5	<2	21400	<50	<30	0.6	13	<3	<0.01
L10050N 9400E	2	9	<2	2	720	4	2	11	130	2	3.00	3	<1	<5	5	18700	<50	44	0.6	13	<3	<0.01
L10050N 9420E	5	3	<2	3	510	4	2	10	100	<1	2.98	3	<1	<5	<2	18700	<50	<30	0.6	12	<3	<0.01
L10050N 9440E	2	10	<2	3	610	<1	3	10	120	<1	3.20	5	<1	<5	3	21200	<50	36	0.6	13	<3	<0.01
L10050N 9460E	2	33	<2	3	640	4	3	12	120	<1	3.64	4	<1	<5	3	20900	<50	<30	0.5	15	<3	<0.01
L10050N 9480E	2	12	<2	3	670	2	2	10	150	<1	3.44	5	<1	<5	<2	22700	<50	<30	0.6	14	<3	<0.01
*L10050N 9500E	2	9	<2	2	690	6	2	44	100	1	3.68	3	<1	<5	4	17600	<50	<30	0.4	15	<3	<0.01
L10100N 9200E	2	<2	<2	2	510	3	3	19	170	<1	4.79	3	1	<5	3	20500	<50	32	0.3	17	<3	<0.01
L10100N 9220E	2	<2	<2	2	850	4	5	18	190	<1	5.12	3	<1	<5	<2	20000	<50	54	0.3	18	<3	<0.01
L10100N 9240E	2	4	<2	3	620	3	3	14	150	1	4.45	4	<1	<5	<2	20000	<50	40	0.4	14	<3	<0.01
L10100N 9260E	10	<2	<2	2	590	4	3	14	130	<1	4.15	3	<1	<5	<2	19500	<50	42	0.3	14	<3	<0.01
L10100N 9280E	5	<2	<2	3	690	4	3	10	140	<1	3.48	4	<1	<5	<2	22200	<50	32	0.6	14	<3	<0.01
L10100N 9300E	20	<2	<2	2	670	<1	3	12	150	<1	3.44	4	<1	<5	<2	22100	<50	<30	0.5	14	<3	<0.01
L10100N 9320E	5	13	<2	4	640	2	3	8	140	<1	3.18	5	<1	<5	<2	21500	<50	39	0.6	13	<3	<0.01
L10100N 9340E	2	<2	<2	9	700	5	2	14	160	<1	4.74	4	<1	<5	<2	18000	<50	<30	0.4	14	<3	<0.01
L10100N 9360E	2	11	<2	3	760	4	3	16	250	2	4.93	7	<1	<5	<2	22000	<50	37	0.5	16	<3	<0.01
L10100N 9380E	40	10	<2	3	670	3	3	17	170	1	4.51	5	<1	<5	<2	20500	70	37	0.4	16	<3	<0.01
L10100N 9400E	2	8	<2	4	530	<1	3	20	210	2	4.79	4	<1	<5	<2	17700	<50	61	0.4	20	<3	<0.01
L10100N 9420E	2	<2	<2	2	500	<1	3	19	170	1	4.13	5	<1	<5	<2	22500	<50	45	0.4	16	<3	<0.01
L10100N 9440E	2	5	<2	3	620	<1	3	11	170	2	4.50	6	<1	<5	<2	23900	<50	<30	0.6	16	<3	<0.01
L10100N 9460E	2	5	<2	3	760	7	3	19	220	<1	5.21	5	<1	<5	<2	23600	<50	<30	0.6	21	<3	<0.02
L10100N 9480E	2	37	<2	3	560	2	2	14	140	1	3.52	5	<1	<5	<2	21800	<50	34	0.5	15	<3	<0.01
L10100N 9500E	2	3	<2	2	560	4	3	10	130	1	3.42	4	<1	<5	<2	22100	<50	<30	0.5	15	<3	<0.01
L10150N 9200E	2	2	<2	4	600	2	3	19	200	2	5.89	4	<1	<5	<2	22300	<50	33	0.5	19	<3	<0.01
L10150N 9220E	2	12	<2	3	820	3	3	18	250	<1	4.74	5	<1	<5	5	24700	<50	41	0.6	19	<3	<0.02
L10150N 9240E	5	2	<2	3	540	3	4	14	170	2	4.69	5	<1	<5	<2	23500	<50	<30	0.6	17	<3	<0.01
L10150N 9260E	20	7	<2	3	550	3	2	12	140	<1	3.97	5	<1	<5	<2	23200	<50	<30	0.5	15	<3	<0.01
L10150N 9280E	1425	55	<2	3	740	2	2	16	230	2	4.67	5	<1	<5	6	24500	<50	54	0.6	16	<3	<0.02
L10150N 9320E	145	3	<2	3	650	7	4	17	290	<1	4.58	7	<1	<5	5	25000	<50	71	0.7	19	<3	<0.02
L10150N 9340E	2	9	<2	3	690	4	4	20	200	<1	4.72	6	<1	<5	5	22100	130	40	0.5	19	<3	<0.02
L10150N 9360E	2	6	<2	3	600	2	3	16	130	<1	3.84	4	<1	<5	3	21600	<50	<30	0.5	17	<3	<0.01

(1989)

Sample description	Au ppb	AU PPB	AG PPH	AS PPH	BA PPH	BR PPH	CA %	CO PPH	CR PPH	CS PPH	FE %	HF PPH	HG PPH	IR PPB	MO PPH	NA PPH	NI PPH	RB PPH	SB PPH	SC PPH	SE PPH	SN %
L10150N 9350E	105	5	<2	3	530	4	4	14	150	<1	3.88	7	<1	<5	<2 21900	<50	53	0.4	17	<3	<0.01	
L10150N 9400E	2	16	<2	3	570	6	3	26	65	<1	2.94	2	<1	<5	<2 13700	<50	<30	0.3	13	<3	<0.01	
L10150N 9420E	390	4	<2	3	540	1	2	8	140	2	3.42	5	<1	<5	<2 22500	<50	<30	0.6	13	<3	<0.01	
L10150N 9440E	2	5	<2	3	500	3	3	13	190	<1	3.81	6	<1	<5	<2 22700	<50	47	0.7	16	<3	<0.01	
L10150N 9450E	2	6	<2	4	540	4	2	9	160	2	3.79	6	<1	<5	<2 20700	<50	47	0.5	13	<3	<0.01	
L10150N 9490E	2	12	<2	2	330	4	4	12	30	<1	2.24	<1	<1	<5	4 5870	<50	<30	0.4	11	<3	<0.01	
L10150N 9500E	2	9	<2	3	520	<1	2	11	120	<1	3.20	5	<1	<5	<2 22500	86	36	0.5	15	<3	<0.01	
L10200N 9200E	2	7	<2	3	550	3	4	14	140	<1	4.18	5	<1	<5	<2 22800	99	32	0.3	17	<3	<0.01	
L10200N 9220E	2	10	<2	4	570	4	2	15	150	<1	4.60	6	<1	<5	<2 23300	<50	<30	0.6	17	<3	<0.01	
L10200N 9240E	2	24	<2	3	490	<1	3	15	130	<1	4.33	5	<1	<5	<2 22500	<50	45	0.5	16	<3	<0.01	
L10200N 9260E	2	8	<2	3	560	3	4	14	130	<1	4.97	6	<1	<5	<2 22000	<50	52	0.4	18	<3	<0.01	
L10200N 9280E	2	33	<2	3	670	<1	4	22	130	2	5.25	4	<1	<5	<2 21000	<50	59	0.4	19	<3	<0.01	
L10200N 9300E	2	3	<2	3	570	2	3	14	170	1	3.79	5	<1	<5	<2 23000	<50	39	0.6	16	<3	<0.01	
L10200N 9340E	2	2	<2	5	560	2	3	20	170	<1	5.93	5	<1	<5	<2 20300	70	49	0.6	18	<3	<0.01	
L10200N 9350E	2	12	<2	4	630	<1	4	16	190	<1	4.22	6	<1	<5	<2 22500	<50	49	0.6	18	<3	<0.01	
L10200N 9380E	195	5	<2	2	470	<1	2	13	150	<1	4.17	6	<1	<5	<2 23500	<50	42	0.5	16	<3	<0.01	
L10200N 9400E	2	3	<2	3	650	<1	4	13	140	<1	4.25	5	<1	<5	<2 23800	<50	35	0.5	15	<3	<0.01	
L10200N 9420E	2	15	<2	3	600	<1	2	8	120	<1	3.34	6	<1	<5	<2 24000	<50	48	0.5	13	<3	<0.01	
L10200N 9440E	20	<2	<2	3	590	2	2	8	110	2	3.01	5	<1	<5	<2 22100	<50	<30	0.5	13	<3	<0.01	
L10200N 9450E	25	9	<2	3	640	<1	4	10	130	<1	3.22	6	<1	<5	<2 24500	<50	62	0.6	14	<3	<0.01	
L10200N 9480E	5	<2	<2	4	570	2	3	13	130	<1	4.00	5	<1	<5	<2 23500	<50	<30	0.4	15	<3	<0.01	
L10200N 9500E	15	7	<2	3	650	2	2	12	150	<1	4.00	5	<1	<5	<2 24800	65	52	0.5	16	<3	<0.01	
L10250N 9200E	2	4	<2	3	530	3	3	17	150	<1	5.08	4	<1	<5	<2 23800	<50	46	0.4	17	<3	<0.01	
L10250N 9220E	2	23	<2	3	530	3	3	15	170	<1	4.69	6	<1	<5	<2 24900	<50	36	0.6	17	<3	<0.01	
L10250N 9240E	2	9	<2	3	580	4	3	13	110	1	4.15	5	<1	<5	<2 22200	<50	37	0.5	14	<3	<0.01	
L10250N 9260E	2	<2	<2	3	600	4	3	13	160	<1	4.35	7	<1	<5	<2 23500	<50	45	0.6	16	<3	<0.01	
L10250N 9280E	2	<2	<2	3	510	<1	3	13	130	<1	4.01	5	<1	<5	<2 24900	<50	<30	0.6	16	<3	<0.01	
L10250N 9300E	2	<4	<2	<1	930	12	4	26	490	<1	5.88	4	<1	<5	16 25900	<56	58	0.8	21	<3	<0.03	
L10250N 9340E	2	6	<2	3	510	<1	3	10	150	<1	3.17	7	<1	<5	<2 25000	<50	53	0.6	15	<3	<0.01	
L10250N 9350E	2	3	<2	3	710	3	2	12	170	<1	4.15	8	<1	<5	<2 23800	<50	31	0.6	17	<3	<0.01	
L10250N 9380E	2	7	<2	2	540	2	3	10	140	<1	3.47	5	<1	<5	<2 23400	<50	44	0.8	15	<3	<0.01	
L10250N 9400E	2	5	<2	2	930	<1	5	15	230	<1	4.51	7	<1	<5	<2 31300	<50	110	0.5	22	<3	<0.02	
L10250N 9420E	2	6	<2	2	660	<1	3	8	160	<1	2.85	6	<1	<5	<2 22800	<50	52	0.5	13	<3	<0.01	
L10250N 9440E	2	82	<2	5	740	3	3	20	190	2	5.11	5	<1	<5	4 22900	<50	35	0.5	18	<3	<0.01	
L10250N 9450E	2	17	<2	4	940	<1	3	15	370	<1	4.72	6	<1	<5	<2 27900	<50	<30	0.6	19	<3	<0.02	

(1989)

Sample description	APL	AU PPB	AG PPM	AS PPM	BA PPM	BR PPM	CA %	CO PPM	CR PPM	CS PPM	FE %	HF PPM	HG PPM	IR PPB	MO PPM	NA PPM	NI PPM	RB PPM	SB PPM	SC PPM	SE PPM	SN %	
L10250N 9480E		2	17	<2	3	580	<1	2	8	140	1	2.93	5	<1	<5	<2	21800	<50	40	0.5	13	<3	<0.01
L10250N 9500E		2	8	<2	2	620	3	3	19	110	<1	4.24	2	<1	<5	<2	23100	<50	30	0.3	16	<3	<0.01
L10300N 9200E		2	12	<2	3	560	3	3	18	130	<1	5.03	4	<1	<5	<2	23200	<50	40	0.5	17	<3	<0.01
L10300N 9220E		2	12	<2	4	610	3	4	17	140	2	5.35	5	<1	<5	<2	22100	<50	42	0.4	19	<3	<0.01
L10300N 9240E		2	76	<2	4	540	4	3	16	130	2	4.91	5	<1	<5	<2	20500	<50	<30	0.5	17	<3	<0.01
L10300N 9260E		2	<2	<2	3	560	3	3	14	140	1	4.41	5	<1	<5	<2	22100	<50	49	0.7	17	<3	<0.01
L10300N 9280E		2	11	<2	3	630	<1	4	15	140	1	3.95	5	<1	<5	<2	23200	60	39	0.4	16	<3	<0.01
L10300N 9300E		2	10	<2	<1	600	12	5	22	140	2	5.55	3	<1	<5	<2	19200	80	53	0.2	21	<3	<0.01
L10300N 9340E		2	97	<2	4	510	2	4	14	130	1	3.88	5	<1	<5	4	22100	<50	43	0.5	15	<3	<0.01
L10300N 9360E		2	4	<2	3	660	2	4	14	140	<1	3.98	6	<1	<5	<2	23200	<50	45	0.6	16	<3	<0.01
L10300N 9380E		2	8	<2	2	830	<1	6	18	210	2	5.40	5	<1	<5	<2	28500	<50	71	0.4	21	<3	<0.02
L10300N 9400E		2	<2	<2	3	580	<1	3	12	110	<1	3.83	6	<1	<5	<2	20000	<50	<30	0.4	15	<3	<0.01
L10300N 9420E		2	9	<2	2	640	<1	3	10	190	1	3.65	6	<1	<5	<2	23900	<50	59	0.7	15	<3	<0.01
L10300N 9440E		2	6	<2	3	600	3	3	12	150	<1	3.65	5	<1	<5	2	21700	<50	<30	0.4	15	<3	<0.01
L10300N 9460E		2	7	<2	2	560	<1	3	15	200	1	4.51	2	<1	<5	<2	18700	<50	36	0.2	18	<3	<0.01
L10300N 9480E		2	2	<2	1	600	<1	5	30	160	<1	6.55	6	<1	<5	<2	29500	100	<30	<0.1	21	<3	<0.02
L10300N 9500E		2	<2	<2	<1	450	<1	2	8	250	1	2.97	3	<1	<5	3	15100	<50	34	0.4	11	<3	<0.01
L10350N 9200E	665	115	<2	4	650	<1	3	18	260	2	7.58	9	<1	<5	<2	23400	<50	<30	0.7	19	<3	<0.02	
L10350N 9220E	305	14	<2	5	470	5	4	19	240	<1	6.67	8	<1	<5	<2	23200	80	47	0.5	18	<3	<0.01	
L10350N 9240E	100	<2	<2	5	440	2	3	10	150	2	4.42	6	<1	<5	<2	23200	<50	<30	0.6	14	<3	<0.01	
L10350N 9260E	10	37	<2	4	470	3	3	13	120	1	3.95	5	<1	<5	<2	22700	<50	51	0.4	16	<3	<0.01	
L10350N 9280E	2	9	<2	2	660	<1	3	15	140	2	4.43	6	<1	<5	<2	24400	<50	53	0.6	18	<3	<0.01	
L10350N 9300E	50	6	<2	2	520	3	2	12	120	<1	4.32	5	<1	<5	<2	23300	<50	35	0.6	14	<3	<0.01	
L10350N 9360E	2	8	<2	<1	550	4	3	15	140	<1	3.96	6	<1	<5	<2	20000	<50	39	0.5	16	<3	<0.01	
L10350N 9380E	2	9	<2	4	610	5	4	13	140	<1	3.89	7	<1	<5	3	21800	<50	30	0.5	16	<3	<0.01	
L10350N 9420E	2	13	<2	4	530	<1	4	10	130	<1	3.45	5	<1	<5	<2	23900	70	43	0.5	14	<3	<0.01	
L10350N 9440E	2	2	<2	2	600	2	2	11	97	2	3.26	4	<1	<5	<2	21900	100	30	0.4	15	<3	<0.01	
L10350N 9460E	20	15	<2	3	610	3	4	15	120	1	4.29	6	<1	<5	<2	21900	<50	33	0.7	17	<3	<0.01	
L10350N 9480E	305	29	<2	3	600	2	3	11	130	<1	3.67	5	<1	<5	<2	23500	<50	<30	0.5	15	<3	<0.01	
L10350N 9500E	2	<2	<2	4	560	3	2	13	120	<1	3.47	4	<1	<5	<2	20500	<50	44	0.5	14	<3	<0.01	
L10400N 9200E	2	14	<2	4	540	4	2	17	160	<1	4.85	5	<1	<5	<2	21500	<50	31	0.4	17	<3	<0.01	
L10400N 9220E	2	116	<2	4	630	3	3	16	160	1	4.92	5	<1	<5	6	20900	<50	<30	0.5	18	<3	<0.01	
L10400N 9240E	10	3	<2	3	560	2	2	15	140	<1	4.51	5	<1	<5	3	22500	<50	40	0.5	17	<3	<0.01	
L10400N 9260E	30	13	<2	4	590	3	3	16	170	<1	4.45	5	<1	<5	5	20400	<50	<30	0.7	15	<3	<0.01	
L10400N 9280E	20	<2	<2	3	540	<1	1	12	120	1	3.55	3	<1	<5	<2	19600	<50	<30	0.4	14	<3	<0.01	

Activation Laboratories Ltd. Work Order: 2354 Report: 2343

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Sample description	μ ppb	AU PPB	AG PPM	AS PPM	BA PPM	BR PPM	CA %	CO PPM	CR PPM	CS PPM	FE %	HF PPM	HG PPM	IR PPB	MO PPM	NA PPM	NI PPM	RB PPM	SB PPM	SC PPM	SE PPM	SN %
L10450N 9200E	2	13	<2	4	650	4	3	12	220	<1	4.62	4	<1	<5	<2 21400	<50	33	0.5	15	<3	<0.01	
L10450N 9220E	290	11	<2	3	510	6	3	12	170	<1	4.49	5	<1	<5	<2 19900	<50	31	0.4	14	<3	<0.01	
L10450N 9240E	2	6	<2	3	650	3	3	17	220	<1	6.00	5	<1	<5	<2 18500	<50	<30	0.4	16	<3	<0.01	
L10450N 9260E	2	2	<2	4	540	3	2	11	210	2	5.27	7	<1	<5	2 19300	<50	<30	0.4	13	<3	<0.01	
L10450N 9280E	2	<2	<2	4	660	<1	2	14	160	<1	3.79	4	<1	<5	<2 20900	<50	35	0.6	14	<3	<0.01	
L10450N 9300E	10	10	<2	5	720	4	4	11	180	1	3.73	6	<1	<5	2 21400	<50	36	0.5	15	<3	<0.01	
L10450N 9380E	2	9	<2	4	560	<1	2	12	140	<1	3.69	4	<1	<5	<2 20400	<50	36	0.3	13	<3	<0.01	
L10450N 9400E	2	5	<2	2	500	<1	4	10	130	<1	3.76	5	<1	<5	<2 21000	<50	46	0.4	13	<3	<0.01	
L10450N 9420E	565	38	<2	4	580	<1	4	11	140	<1	3.66	4	<1	<5	<2 22100	<50	<30	0.5	13	<3	<0.01	
L10450N 9440E	2	7	<2	3	640	2	2	10	170	<1	3.75	5	<1	<5	<2 23400	<50	<30	0.5	14	<3	<0.01	
L10450N 9460E	5	8	<2	2	700	1	4	12	160	1	3.88	6	<1	<5	<2 21800	88	42	0.4	15	<3	<0.01	
L7900N 9460E	2	85	<2	3	660	4	3	9	160	<1	3.62	5	<1	<5	<2 22500	<50	44	0.5	13	<3	<0.01	
L7900N 9480E	2	<3	<2	<1	740	<1	5	27	130	<1	6.59	3	<1	<5	<2 19200	<50	56	0.4	23	<3	<0.02	
L10450N 9360E	90	<3	<2	4	610	<1	4	15	110	<1	3.78	5	<1	<5	<2 18900	<50	64	0.6	13	<3	<0.01	

Sample description	(1989) Au ppb	AU PPB	AG PPM	AS PPM	BA PPM	BR PPM	CA %	CO PPM	CR PPM	CS PPM	FE %	HF PPM	HG PPM	IR PPB	MO PPM	NA PPM	NI PPM	RD PPM	SB PPM	SC PPM	SE PPM	SN %
L10400N 9360E	10	9	<2	3	690	<1	3	14	140	2	4.11	4	<1	<5	<2	20600	<50	<30	0.4	15	<3	<0.01
L10400N 9380E	15	7	<2	1	640	<1	3	14	140	<1	4.07	5	<1	<5	<2	20900	<50	31	0.4	14	<3	<0.01
L10400N 9450E	40	276	<2	3	590	2	2	9	130	<1	3.11	4	<1	<5	<2	20700	<50	<30	0.4	13	<3	<0.01
L10400N 9480E	2	14	<2	3	680	<1	3	11	110	<1	3.88	4	<1	<5	<2	21700	<50	<30	0.3	15	<3	<0.01
L10400N 9500E	2	<2	<2	2	620	3	3	14	120	1	4.13	3	<1	<5	<2	20200	<50	<30	0.4	16	<3	<0.01