

521408

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**Compilation Report
on the
KIRK MOUNTAIN PROPERTY
for
Mr. E. Asp**

**Liard Mining Division
N.T.S. 104G 11W & 12E
Lat. 57° 38' N
Long. 131° 32' W**

April 26, 1989

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INTRODUCTION

Mr. E. Asp owns the **Kirk Mountain Property**, comprised of the Au group of claims, situated on the east side of the Stikine River, south of Telegraph Creek, British Columbia. The claims cover the August and Mountain Goat gold-copper showings and potential source areas of several stream sediment anomalies which were reported in the 1987 National Geochemical Reconnaissance Survey of the area (G.S.C. Open File 1646).

D.J.B. Services was retained by Mr. Asp to produce a compilation report on the **Kirk Mountain Property**. This report summarizes the literature pertaining to the geology and mineralization of the area encompassed by the **Kirk Mountain Property**.

LOCATION & ACCESS

The **Kirk Mountain Property** lies on the eastern flank of the Boundary Range of the Coast Mountains, to the east of where the Chutine River enters the Stikine River, approximately 36 kilometres south of Telegraph Creek British Columbia. (Figures 1 & 2).

The **Kirk Mountain Property** is located at 57° 38' N latitude and 131° 32' W longitude and is covered by N.T.S. sheets 104G 11W & 12E.

Access to the property is by helicopter from either Telegraph Creek or Dease Lake, British Columbia. There is a 4 X 4 road and cat road access from Telegraph Creek to Chutine on the west side of the Stikine River, across from the property.

CLAIM DATA

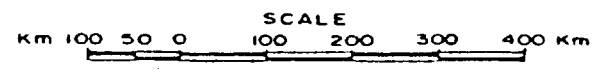
The Au group comprises the following claims located in the Liard Mining Division (Figure 2):

<u>Claim Name</u>	<u>No. of Units</u>
Au #36 to #39 incl.	80 units (20 unit claims)
Au #43 to #46 incl.	80 units (20 unit claims)
Au #79 to #82 incl.	80 units (20 unit claims)

The information on the status of these claims was furnished by Mr. Asp and have not been verified by the author.



FIG. 1
KIRK Mtn. PROPERTY
Au Group
LOCATION MAP



HISTORY

The August and Mountain Goat showings were located by Lewis Kirk about 1898 and were maintained in good standing by him until at least 1930. Mr. Kirk explored the August showing by trenching and a 145 foot adit and the Mountain Goat showing by a small adit and trenches. The Alaska Treadwell Gold Mining Company examined the showings in 1917.

No further work on the claims was recorded until 1985, when Brinco Mining acquired the property and conducted a limited rock and soil geochemical survey (Graf, 1985).

GEOLOGY

The Kirk Mountain Property is situated in the Telegraph Creek Map Area (Souther, 1971; Kerr, 1948). The area is underlain by sedimentary and volcanic rocks of the upper Triassic Stuhini Group, which is unconformably overlain by the sedimentary lower to middle Jurassic Takwahoni Unit; which in turn is conformably overlain by the sedimentary upper Cretaceous Tango Creek Group. This assemblage forms part of the Stikine Arch of the Intermountain Belt.

In the area of the Kirk Mountain Property, the Stuhini Group is comprised of augite-andesite flows, pyroclastics and related subvolcanic intrusions along with related siltstone, greywacke, volcanic conglomerate and minor limestone (Figure 3). The Takwahoni Unit is comprised of conglomerate, greywacke, siltstone and minor basaltic and andesitic rocks. The Tango Creek Group is comprised of sandstone, siltstone and minor coal. The Tertiary Sloko Group is comprised of rhyolite, trachyte and dacite flows and unconformably overlies the Tango Creek Group.

A Jurassic and/or Cretaceous quartz diorite intrudes the Stuhini Group in the northeast portion of the property. A Cretaceous-Tertiary quartz monzonite intrudes the Takwahoni Unit immediately east of the property. The Tango Creek Group unconformably overlies both intrusions.

EDITION 1 104 G/12 (707000m. E)
104 G/11

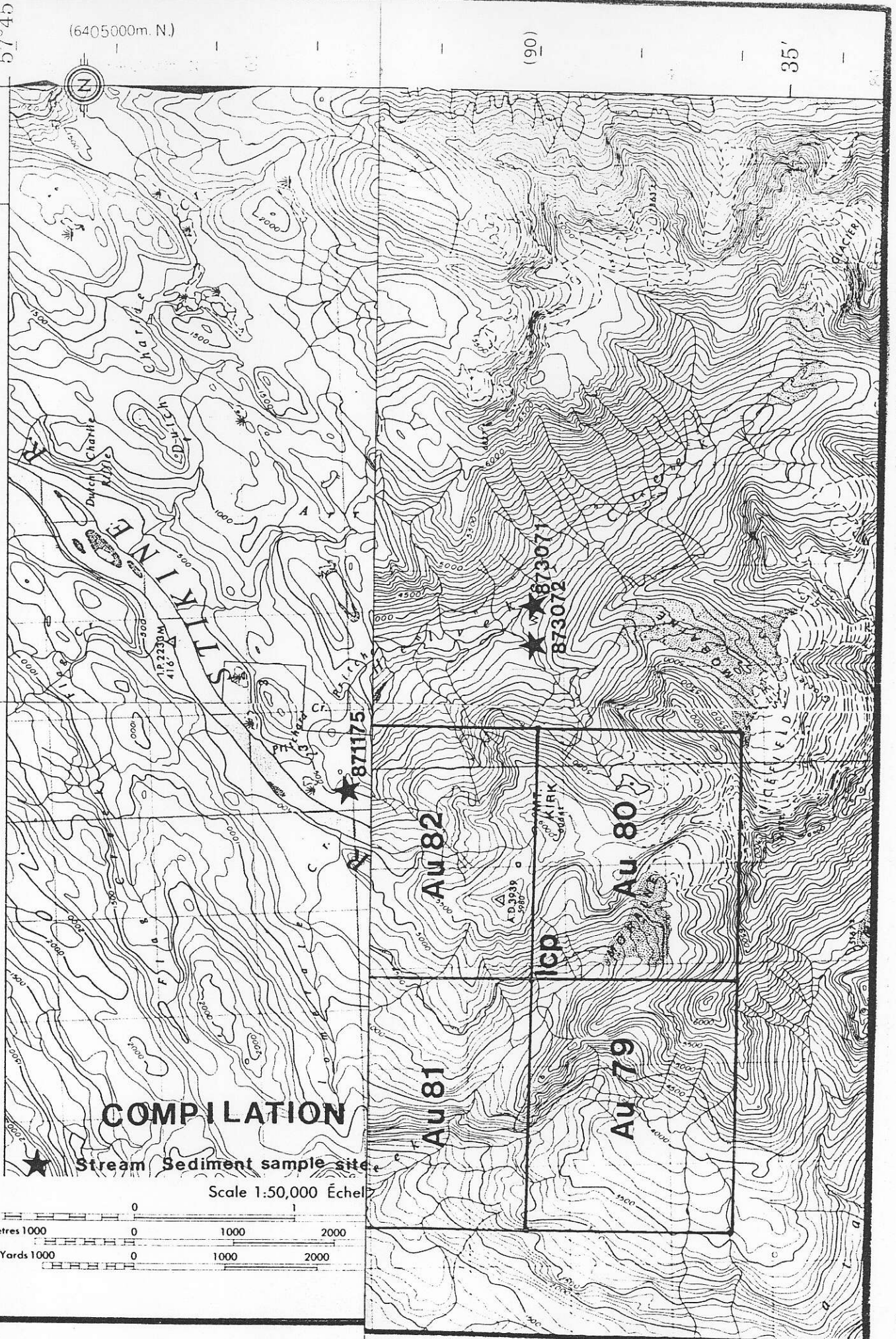
131°30'

57°45'

(6405000m. N.)

(90)

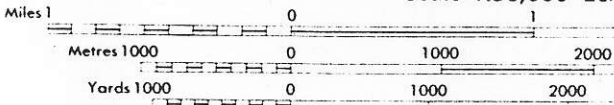
35'



COMPI LATION

★ Stream Sediment sample site

Scale 1:50,000 Échelle

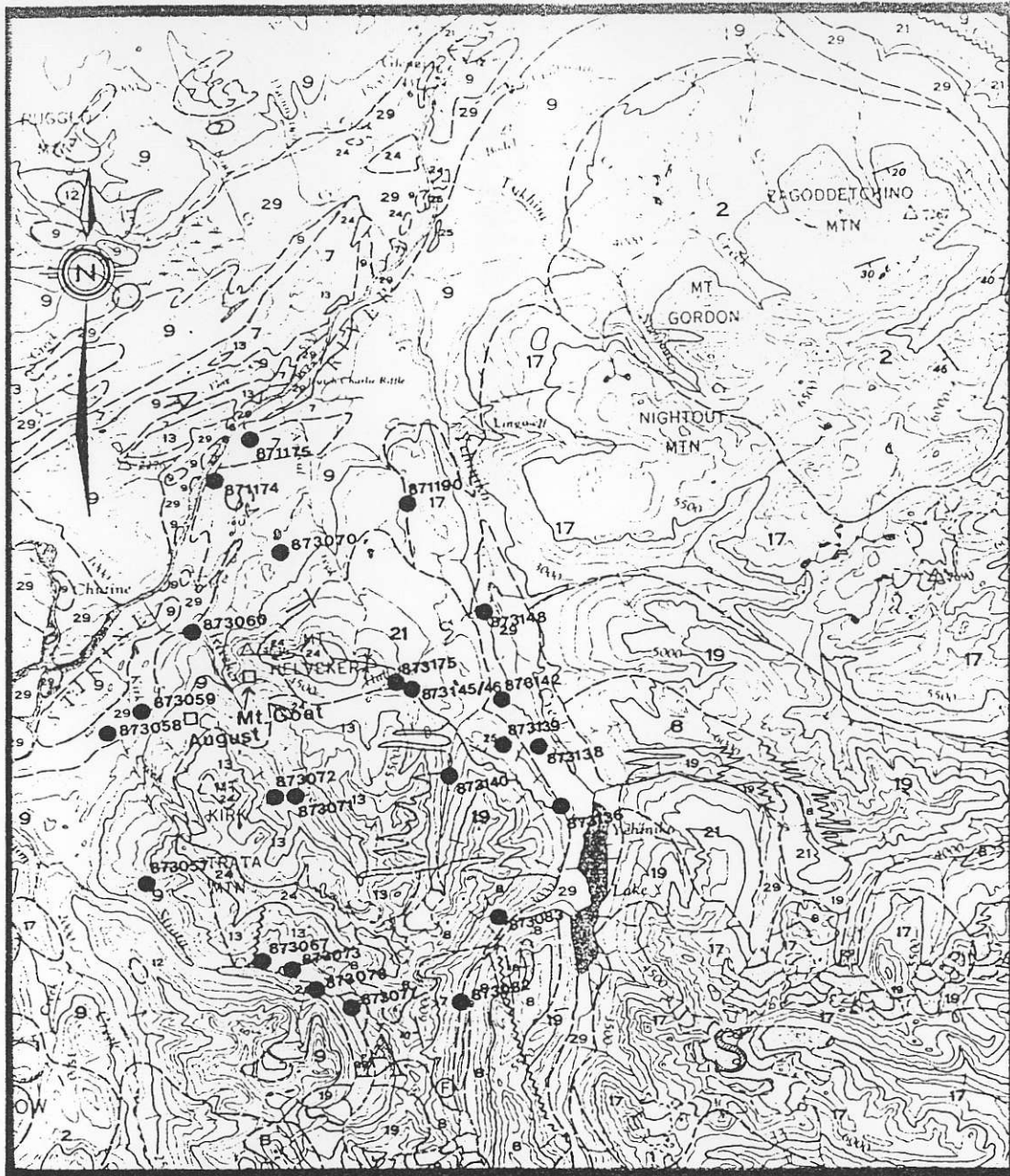


MINERALIZATION

The August showing is hosted by andesitic volcanics of the Stuhini Group, in which faulting has produced at least four calcite cemented breccia zones ranging from 25 to 200 feet long by 1 to 15 feet wide. These breccia zones are cut by quartz veins ranging from 0.1 to 6 inches wide and carrying erratic pyrite, chalcopyrite and bornite. Kerr (1948), reported a 2.5 foot section of vein carried: 1.86 oz. gold per ton, 0.80 oz. silver per ton and 2.1 % copper. A 6 foot average across this section (Kerr, 1948) ran: 0.41 oz. gold per ton, 0.80 oz. silver per ton and 2% copper. In 1985 the area of the adit was resampled by Brinco Mining (Graf, 1985) and reported values ranged from 21 to 730 parts per billion gold, 6.6 to 253.7 parts per million silver and 9990 to 52600 parts per million copper.

The Mountain Goat showing is hosted by a reddish volcanic conglomerate of the Stuhini Group. This conglomerate is cut by a fine grained felsite dyke, in places showing extensive alteration. Emplaced or intruded along both sides of the dyke are lenses of quartz, up to 3 feet wide and traceable for 1,000 feet along strike. The quartz lenses contain scattered bornite and chalcopyrite and sampling of the lenses returned up to 0.2 to 0.4 oz. gold per ton across 1.5 to 2.0 feet (Kerr, 1948).

Pyritic volcanic rocks south of Mt. Helveker and evidence of mineralization along Helveker Creek was reported by Kerr. On the Misty property, located 10 kilometres to the west and underlain by Stuhini Group, siltstone mineralized with chalcopyrite has been reported to carry 0.006 oz. gold per ton, 0.38 oz. silver per ton and 0.184% copper (BCDM Minfile 104G65).



- TERTIARY AND QUATERNARY**
UPPER TERTIARY AND PLEISTOCENE
- 26 Rhyolite and dacite flows, lava domes, pyroclastic rocks and related subvolcanic intrusions; minor basalt
 - 25 Basalt, andesite basalt, dacite, related pyroclastic rocks and andesitic intrusions; minor rhyolite; in part younger than some 26
- CRETACEOUS AND TERTIARY**
UPPER CRETACEOUS AND LOWER TERTIARY
SIKOKO GROUP
- 24 Light green, purple and white rhyolite, trachyte and dacite flows, pyroclastic rocks and derived sediments
 - 22/23 22. Bottie leucogranite, andesitic stocks, dykes and sills
 23. Porphyritic bottie andesite, lava domes, flows and (?) sills
- SUBTUT GROUP TANGO CREEK GROUP**
- 21 Chert-pebble conglomerate, granite-boulder conglomerate, quartzstone sandstone, arkose, siltstone, calcareous shale and minor coal
 - 20 Felite, quartz-alkali porphyry, porphyritic felite, orthoclase rhyolite; in part equivalent to 22
 - 19 Medium-to coarse-grained, pink biotite-hornblende quartz monzonite
- JURASSIC AND/OR CRETACEOUS**
POST-UPPER TRIASSIC PRE-TERTIARY
- 18 Hornblende diorite
 - 17 Gneissiferous quartz diorite; minor diorite, leucogranite and migmatite
- JURASSIC**
MIDDLE (?) AND UPPER JURASSIC
HOWER GROUP
- 16 Chert-pebble conglomerate, grit, greywacke, outgreywacke, siltstone and shale; may include some 13
- MIDDLE JURASSIC**
- 15 Basalt, pillow lava, tuff-trachyte, derived volcaniclastic rocks and related subvolcanic intrusions
- LOWER AND MIDDLE JURASSIC**
- 14 Shale, minor siltstone, silty and calcareous siltstone, greywacke and ironstone
- LOWER JURASSIC**
TAKWAHONI UNIT
- 13 Conglomerate, polyblastic conglomerate, granite-boulder conglomerate, grit, greywacke, siltstone, basaltic and andesitic volcanic rocks, porphyry, pillow lavas and related volcaniclastic rocks

STUHINI GROUP

- TRIASSIC**
UPPER TRIASSIC
- 8 Undifferentiated volcanic and sedimentary rocks (units 5 to 8 inclusive)
 - 6 Andesite-andesite flows, pyroclastic rocks, derived volcaniclastic rocks and related subvolcanic intrusions, minor greywacke, siltstone and polyblastic conglomerate
 - 7 Siltstone, thin-bedded silty siltstone, rhyolite chert, calcareous and silty calcareous siltstone, greywacke, volcanic conglomerate, and minor limestone
 - 6 Limestone, bed argillaceous limestone, calcareous shale and reefoid limestone; may be in part younger than some 7 and 8
 - 5 Greywacke, siltstone, shale; minor conglomerate, tuff and volcanic sandstone
- MIDDLE TRIASSIC**
- 4 Shale, concretiniferous black shale; minor calcareous shale and siltstone
- PERMIAN**
MIDDLE AND UPPER PERMIAN
- 3 Limestone, thick-bedded mainly bioclastic limestone; minor siltstone, chert and tuff
- PERMIAN AND OLDER**
- 2 Phyllite, argillaceous quartzite, quartz-veinlet schist, chlorite schist, gneissite, minor chert, schistose tuff and limestone

- Geological boundaries defined and approximate, assumedly
 Faulting horizontal, inclined, vertical, overturning)
 Anticline
 Syncline
 Fault defined and approximate, assumedly
 Thrust fault, both on hanging wall and footwall defined and approximate, assumedly
 Fault locality
 Mineral prospects
 Glacier

after
 MAP 11-1971
 PAPER 71-44

REGIONAL GEOLOGY

fig. 3

Scale 1:250,000

1987 NATIONAL GEOCHEMICAL RECONNAISSANCE

A total of 25 stream sediment samples were collected from the area of the Kirk Mountain Property. Eleven samples were moderately to definitely anomalous in one or more elements and are listed below.

<u>Sample #</u>	<u>Cu ppm</u>	<u>Ag ppm</u>	<u>As ppm</u>	<u>Au ppb</u>	<u>Rerun</u>
873057	114	0.8	48	51	35
873058				32	1
873059				6	
873067	73	0.3			
873071	72			6	
873072	118	0.3		10	
873076	98	0.3		4	
873077	142	0.4	30	4	
873083	132	0.3	12		
873142				14	350
873175	78			3	

These samples were collected from streams and creeks which drain an area bounded by Mt. Helveker, Mt. Kirk, Strata Mtn. and Yehinika Lake (Figures 2 & 3).

CONCLUSIONS

The area encompassed by the Kirk Mountain Property is favourable for hosting vein/shear type gold mineralization as shown by the August showing (up to 1.86 oz. gold per ton, 0.80 oz. silver per ton and 2.1% copper) and the Mountain Goat showing (0.2 to 0.4 oz. gold per ton).

The 1987 government stream sediment data, with the reported mineralization and pyritic volcanics south of Mt. Helveker and the reported copper-silver mineralization within Stuhini Group sediments, indicates potential for vein/shear type gold and disseminated copper-silver +/- gold mineralization in the area of the headwaters of Helveker Creek.

RECOMMENDATIONS

A two part exploration program is recommended for the Au group. The first part of this program should consist of heavy mineral stream sediment survey of the Au group. Secondly a geological mapping and lithogeochemical survey of the August and Mountain Goat showings.

A staking program to acquire prospective ground to the east of Strata Mtn. and Mt. Kirk is also recommended.

REFERENCES

- B.C.D.M. Minfile; Ref. #'s 104G 10, 19 & 65.
- Graf, C. W., Assessment Report, 1985.
- Kerr, F. A., Lower Stikine and Western Iskut River Areas
B.C., G.S.C. Memoir 246, 1948.
- Souther, J. G., Telegraph Creek Map-Area B.C., G.S.C.
Paper 71-44, 1972.
- Minister of Mines Annual Reports, 1906 p58, 1919 p81,
- G.S.C. Summary Report 1928a p25.
- G.S.C. Open File 1646.

APPENDIX 1

MAP	ID	ROCK TYPE	G R P EST	STREAM SEDIMENT																				D		D					
				Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	P	V	Cd	Sb	W	Ba	Sn	Au	Au-R	WT1	L 1	Au	L 2	WT2	L 2
104G05	871168	QTMZ	56 00	54	22	6	23	9	0.1	217	1	1	2.32	10	5.6	8.6	300	51	0.1	0.1	2	865	2	1	10.0	1					
104G05	871169	QRZD	51 00	101	31	12	16	13	0.1	915	2	2	3.60	65	4.2	15.2	280	82	0.3	0.1	2	1023	8	10	10.0	1					
104G05	871171	QRZD	51 00	42	33	5	13	9	0.1	330	1	2	2.21	15	12.4	5.6	440	35	0.1	0.1	2	1300	1	2	10.0	1					
104G05	871172	GRDR	51 00	61	36	7	40	12	0.1	361	4	1	2.91	5	3.0	6.1	285	61	0.1	0.4	4	870	4	1	10.0	1					
104G05	871173	QTMZ	56 00	75	10	30	3	4	0.2	595	1	3	1.94	5	9.4	50.2	200	24	0.2	0.1	2	852	5	1	10.0	1					
104G12	871174	SLSN	45 00	67	35	8	50	13	0.1	432	4	1	3.10	15	2.6	1.9	265	46	0.1	0.5	2	861	2	1	10.0	1					
104G12	871175	CGGK	49 00	72	35	9	31	9	0.1	757	4	1	2.69	80	15.6	2.3	215	37	0.1	0.2	2	1070	5	2	10.0	1					
104G11	871176	SLSN	45 00	76	40	10	54	14	0.1	460	4	1	2.92	15	4.0	1.8	180	46	0.2	0.3	2	844	4	1	10.0	1					
104G10	871177	SLSN	50 00	196	18	18	36	15	0.1	773	3	1	4.00	30	15.0	4.9	285	68	0.5	0.3	2	304	6	6	10.0	1					
104G13	871178	VLRK	45 00	131	125	12	35	22	0.1	836	18	3	4.92	15	3.6	1.7	330	155	0.5	1.3	2	866	9	7	10.0	1					
104G10	871179	SLSN	50 00	129	31	18	26	12	0.1	760	2	1	3.26	5	5.0	7.0	345	40	0.4	0.3	2	375	2	1	10.0	1					
104G10	871180	SLSN	50 00	159	10	12	15	10	0.1	711	2	1	3.23	30	10.8	5.8	300	29	0.3	0.3	2	459	5	10	10.0	1					
104G09	871181	BSLW	49 00	111	32	12	70	13	0.1	235	6	2	3.57	210	10.0	3.1	300	67	0.3	0.8	2	721	5	10	10.0	1					
104G09	871185	SLSN	51 10	76	17	8	78	13	0.1	834	2	1	3.01	105	9.2	1.2	210	39	0.1	0.2	2	737	2	1	10.0	1					
104G09	871184	SLSN	51 20	81	19	8	86	14	0.1	941	2	1	3.03	40	10.6	1.4	215	42	0.1	0.1	2	780	2	15	10.0	1					
104G08	871185	SLSN	51 00	87	19	7	98	13	0.1	366	2	1	3.24	95	5.8	1.4	220	49	0.1	0.2	2	681	4	1	10.0	1					
104G01	871186	SLSN	51 00	87	41	11	103	19	0.1	376	10	1	3.60	115	2.8	1.3	250	38	0.1	0.4	2	761	2	1	10.0	1					
104G11	871187	QRZD	51 00	75	32	10	15	10	0.1	528	2	1	2.68	15	10.4	4.4	185	44	0.1	0.2	2	816	3	1	10.0	1					
104G11	871188	VLRK	55 00	45	48	6	24	11	0.1	305	2	1	2.28	20	3.4	2.9	295	44	0.1	0.2	2	713	2	1	10.0	1					
104G11	871189	QRZD	51 00	89	48	7	20	11	0.1	416	2	1	2.87	30	8.4	4.2	275	51	0.1	0.2	2	801	2	1	10.0	1					
104G11	871190	VLRK	45 00	44	20	12	386	28	0.1	706	3	1	3.27	25	6.2	3.0	245	53	0.3	0.1	2	606	4	1	10.0	1					
104G01	871191	SLSN	51 00	83	29	8	52	14	0.1	363	7	1	3.16	95	2.2	1.2	235	38	0.1	0.5	2	586	3	17	10.0	1					
104G09	871192	BSLT	49 00	69	45	10	21	21	0.1	894	5	1	3.94	170	4.4	1.3	300	75	0.1	1.2	2	560	7	1	10.0	1					
104G09	871193	BLSL	51 00	89	38	6	111	16	0.1	358	3	1	3.63	40	5.4	1.5	185	52	0.1	0.2	2	1080	2	1	10.0	1					
104G16	871194	ANBT	45 00	133	99	20	32	8	0.1	728	2	2	1.47	155	7.2	1.2	155	56	1.5	0.5	2	502	15	1	10.0	1					
104G16	871195	BLSL	45 00	89	18	13	50	8	0.2	171	2	1	2.35	345	7.0	2.0	235	39	0.1	0.4	2	936	5	14	10.0	1					
104G16	871196	FLST	45 00	94	149	7	58	15	0.1	472	4	1	3.85	75	21.4	2.6	155	69	0.1	0.8	2	471	4	8	10.0	1					
104G16	871197	FLST	45 00	86	63	8	62	17	0.1	603	4	1	4.07	40	9.8	1.8	225	76	0.1	0.4	2	721	4	1	10.0	1					
104G09	871198	SLSN	51 00	108	27	9	90	14	0.1	308	4	1	3.41	65	5.4	1.7	230	52	0.2	0.4	2	741	3	1	10.0	1					
104G09	871203	SLSN	51 00	136	29	13	70	17	0.1	619	10	16	4.25	100	7.2	3.7	285	83	2.9	2.2	2	1160	4	16	10.0	1					
104G09	871202	BSLT	49 00	128	25	9	48	15	0.1	711	6	3	4.20	105	8.8	2.2	295	112	0.4	1.5	2	943	3	44	10.0	1					
104G09	871204	BSLT	49 00	110	27	8	62	14	0.1	652	5	1	3.72	195	8.0	2.1	300	77	0.2	0.9	2	867	1	1	10.0	1					
104G09	871205	SLSN	51 00	128	48	9	138	19	0.2	529	4	1	3.76	55	4.8	1.7	250	62	0.5	0.6	2	897	3	1	10.0	1					
104G09	871206	SLSN	51 00	116	50	8	174	23	0.1	431	5	1	3.95	60	4.0	1.5	240	73	0.1	0.6	2	952	2	7	10.0	1					
104G09	871207	SLSN	51 00	116	48	8	155	19	0.1	359	2	1	3.75	55	5.8	1.4	275	67	0.1	0.5	2	747	1	8	10.0	1					
104G05	871208	QLSD	51 00	39	6	6	8	5	0.1	230	1	1	1.42	15	2.8	7.8	330	22	0.1	0.1	8	1732	2	1	10.0	1					
104G05	871209	QRZD	51 00	57	12	15	6	5	0.1	348	1	2	1.67	5	2.0	7.9	500	24	0.1	0.1	16	2202	1	1	10.0	1					
104G05	871210	QRZD	51 00	41	11	7	5	6	0.1	283	1	1	1.85	15	1.4	11.1	380	29	0.1	0.1	2	1652	1	2	10.0	1					
104G05	871211	QRZD	51 00	42	9	9	3	4	0.1	263	1	1	1.47	15	1.6	9.2	260	20	0.1	0.1	2	1322	1	1	10.0	1					
104G05	871212	QRZD	51 00	37	6	4	4	3	0.1	204	1	3	1.61	5	4.6	10.9	370	25	0.1	0.1	8	1512	1	19	10.0	1					
104G05	871213	QRZD	51 00	38	9	7	3	4	0.1	229	1	3	1.49	15	2.0	12.6	385	24	0.1	0.1	2	1542	1	8	10.0	1					
104G05	871214	QRZD	51 00	33	8	10	2	3	0.2	171	1	6	1.20	10	0.1	0.1	0	13	0.1	0.1	2	1192	1	258	17	10.0	1	10.0	1		
104G05	871215	QRZD	51 00	62	42	8	234	31	0.1	669	13	1	3.96	65	3.2	1.2	215	65	0.1	0.6	2	503	4	23	9	10.0	1	10.0	1		
104G05	871216	QRZD	51 10	61	11	4	9	3	0.1	141	1	7	1.80	25	4.0	9.5	230	30	0.1	0.1	8	1392	1	4	10.0	1					
104G05	871217	QRZD	51 20	39	11	3	7	4	0.1	138	1	8	1.84	25	4.4	8.1	245	32	0.1	0.2	2	1392	1	1	10.0	1					
104G04	871218	QRZD	51 00	22	4	3	1	2	0.1	137	1	1	0.87	5	0.1	3.5	235	8	0.1	0.1	2	1193	1	7	10.0	1					
104G04	871219	QRZD	51 00	40	6	7	5	3	0.2	243	1	1	1.31	10	3.2	8.0	255	20	0.1	0.1	2	1100	1	16	10.0	1					
104G04	871220	QRZD	51 00	51	6	6	6	3	0.1	221	3	2	1.51	20	1.2	8.6	254	17	0.1	0.3	8	1218	1	7	10.0	1					
104G04	871222	QRZD	51 00	38	9	8	2	4	0.1	224	1	1	2.02	5	0.1	13.5	475	40	0.1	0.1	2	1379	1	16	10.0	1					
104G04	871223	QRZD	51 00	21	9	3	2	2	0.1	115	1	1	1.27	5	0.1	9.6	250	27	0.1	0.1	2	1328	1	13	10	10.0	1	10.0	1		

REGIONAL STREAM SEDIMENT AND WATER DATA, BRITISH COLUMBIA 1987, BC RGS 19, GSC OF 1646, NTS 104F, 104G - SURDOM, TELEGRAPH CARRK

MAP	ID	ROCK TYPE	A G R P E S T	S T R E A M S E D I M E N T																	Au L 1	Au L 2					
				Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb			W	Ba	Sn	Au WT1	Au-R WT2
104G15	873013	BTRT	63 00	77	18	5	46	18	0.1	546	1	1	3.53	15	3.2	2.5	295	50	0.1	0.2	2	448	4	1	10.0	1	
104G15	873014	BTRT	63 00	90	26	5	61	21	0.1	614	1	1	3.47	20	8.8	2.0	220	46	0.1	0.2	2	403	2	1	10.0	1	
104G15	873015	QTMZ	56 00	80	18	4	48	20	0.1	610	1	1	3.67	25	3.0	3.1	300	64	0.1	0.2	2	445	1	1	10.0	1	
104G15	873016	BTRT	63 00	75	11	5	17	7	0.1	399	1	1	2.54	10	1.8	4.6	425	17	0.1	0.2	2	221	4	6	10.0	1	
104G15	873017	BTRT	63 00	83	11	6	35	11	0.1	534	1	2	2.83	15	0.1	4.3	450	21	0.1	0.2	2	224	5	1	10.0	1	
104G10	873018	SNDS	55 00	98	18	7	34	16	0.1	521	1	1	3.10	20	4.2	3.0	320	29	0.1	0.1	2	342	2	1	10.0	1	
104G10	873019	QTMZ	56 00	83	14	6	23	11	0.1	365	1	1	2.71	10	4.4	3.6	305	28	0.1	0.1	2	339	3	3	10.0	1	
104G15	873020	SCST	35 00	70	10	5	37	12	0.1	447	1	1	2.68	10	0.1	3.0	410	20	0.1	0.1	2	297	2	5	10.0	1	
104G15	873022	SCST	35 00	120	41	16	31	19	0.1	670	10	2	3.88	25	3.0	2.1	250	54	0.3	0.7	2	706	4	1	10.0	1	
104G15	873023	SCST	35 00	84	50	7	43	24	0.1	658	2	1	3.83	20	4.2	2.3	140	75	0.1	0.4	2	670	3	1	10.0	1	
104G15	873024	QTMZ	56 00	68	14	6	24	11	0.1	423	3	1	2.57	20	0.1	3.1	430	27	0.1	0.2	2	406	4	1	10.0	1	
104G11	873025	GRDR	51 00	24	7	4	8	6	0.1	217	1	1	1.42	15	0.1	6.5	165	21	0.1	0.1	2	892	1	1	10.0	1	
104G11	873026	GRDR	51 00	49	12	6	9	9	0.1	388	1	1	2.30	10	3.6	8.2	205	39	0.1	0.1	2	815	1	1	10.0	1	
104G11	873027	GRDR	51 00	43	12	7	13	7	0.1	288	1	1	1.59	10	4.0	6.1	220	25	0.1	0.1	2	954	1	6	10.0	1	
104G11	873028	QTMZ	56 00	35	5	5	6	5	0.1	244	1	1	1.13	5	1.8	2.0	210	13	0.1	0.1	2	1000	1	1	10.0	1	
104G11	873029	QTMZ	56 00	44	12	6	14	9	0.1	316	1	1	2.02	5	1.2	3.7	235	33	0.1	0.1	2	831	1	1	10.0	1	
104G11	873030	QTMZ	56 00	45	8	7	11	8	0.1	330	2	1	2.05	10	1.4	1.9	270	26	0.1	0.1	2	755	1	3	10.0	1	
104G11	873031	QTMZ	56 00	51	9	5	14	9	0.1	351	1	1	2.16	10	1.8	4.0	225	32	0.1	0.1	2	898	1	7	10.0	1	
104G11	873032	QTMZ	56 00	60	22	7	23	14	0.1	513	2	1	2.71	5	1.0	2.7	200	44	0.1	0.1	2	671	1	1	10.0	1	
104G11	873033	QRJR	5f 00	55	9	8	10	9	0.1	489	1	1	2.17	15	4.2	2.3	270	32	0.1	0.1	2	895	1	1	10.0	1	
104G11	873034	GRDR	51 00	72	57	23	15	13	0.1	959	3	4	2.71	25	5.0	5.0	260	30	0.1	0.2	8	774	1	1	10.0	1	
104G11	873035	QTMZ	56 10	36	14	6	11	11	0.1	268	1	1	2.33	5	2.0	3.7	205	36	0.1	0.2	2	803	2	300	13	10.0	1
104G11	873036	QTMZ	56 20	44	14	6	14	11	0.1	339	1	1	2.40	15	1.8	4.1	200	44	0.1	0.2	2	750	3	21	4	10.0	1
104G11	873037	QTMZ	56 00	88	52	5	19	19	0.1	757	3	1	3.50	15	3.2	2.4	155	60	0.1	0.3	2	729	2	1	10.0	1	
104G11	873038	SNBS	55 00	65	42	8	26	24	0.1	581	1	1	3.57	10	3.6	2.8	175	80	0.1	0.2	2	360	3	20	1	10.0	1
104G11	873039	SNBS	55 00	18	14	3	5	7	0.1	147	1	1	1.25	15	0.1	2.6	150	21	0.1	0.1	2	823	1	10	10.0	1	
104G11	873042	SNDS	55 00	82	27	9	20	14	0.1	564	2	1	2.65	15	1.6	2.6	245	51	0.1	0.4	2	976	3	1	10.0	1	
104G11	873043	ANBT	45 00	140	44	9	30	17	0.1	872	2	1	2.72	20	4.2	2.5	150	60	1.5	0.1	2	633	1	4	10.0	1	
104G11	873048	GND5	55 00	84	23	16	16	15	0.1	722	6	1	3.39	20	8.3	4.1	295	53	0.1	0.6	2	891	2	7	10.0	1	
104G11	873049	QRD5	51 00	146	114	3	33	16	0.1	1771	1	1	4.40	20	11.0	2.4	275	86	0.2	0.2	2	679	3	1	5.0	2	
104G05	873046	GRDR	51 00	120	80	81	6	15	1.3	466	89	9	2.35	55	1.8	8.1	150	39	1.9	1.2	12	1050	1	107	18	10.0	1
104G05	873047	GRDR	51 00	31	66	7	?	11	0.1	288	3	1	2.18	15	0.1	4.3	215	47	0.1	0.3	2	879	1	1	10.0	1	
104G12	873048	GRDR	51 00	46	93	12	18	14	0.1	386	5	2	2.46	15	1.6	2.6	185	45	0.2	0.6	2	952	3	1	10.0	1	
104G12	873050	VLRK	45 00	100	156	20	232	38	0.1	688	5	1	3.96	15	5.6	1.9	165	90	0.4	0.6	2	382	3	5	10.0	1	
104G12	873051	SCST	35 10	59	58	8	41	18	0.1	380	6	1	3.25	25	2.2	4.4	255	73	0.1	0.4	2	1340	3	10	10.0	1	
104G12	873052	SCST	35 20	57	57	8	38	17	0.1	350	6	1	2.97	15	2.0	3.9	260	68	0.1	0.4	2	1300	2	1	1	10.0	1
104G05	873053	SCST	35 00	121	101	15	43	29	0.1	983	9	2	5.20	20	5.0	2.5	300	117	0.3	0.6	2	622	1	1	10.0	1	
104G12	873056	SCST	35 00	83	24	6	20	15	0.1	606	17	2	3.71	25	3.8	3.9	305	48	0.1	0.4	2	900	4	18	10.0	1	
104G12	873055	SCST	35 00	133	77	81	29	19	0.6	718	23	3	3.36	55	14.0	65.3	230	72	1.4	0.6	4	1050	5	25	15	10.0	1
104G12	873056	VLRK	45 00	35	41	8	66	14	0.1	268	3	1	2.27	10	1.0	4.6	205	50	0.1	0.2	2	900	1	3	10.0	1	
104G12	873057	VLRK	45 00	284	114	169	45	26	0.8	731	48	2	3.70	40	3.8	6.5	195	55	2.3	3.0	2	822	2	51	35	10.0	1
104G12	873058	VLRK	45 00	73	46	22	90	21	0.1	653	4	1	2.99	25	3.8	3.2	190	58	0.3	0.7	2	986	3	32	1	10.0	1
104G12	873059	VLRK	45 00	64	48	13	23	12	0.1	405	3	1	2.27	60	18.4	3.4	225	49	0.1	0.5	2	663	4	6	10.0	1	
104G12	873060	VLRK	45 00	44	47	6	106	18	0.1	337	2	4	2.66	10	1.8	3.2	215	43	0.1	0.2	2	663	2	1	10.0	1	
104G05	873062	GRDR	51 00	29	27	6	7	8	0.1	196	4	1	1.34	5	0.1	2.4	160	28	0.1	0.2	2	1010	2	7	10.0	1	
104G05	873062	GRDR	51 00	18	17	3	5	8	0.1	240	1	1	1.61	15	0.1	3.6	230	37	0.1	0.1	2	984	1	17	10.0	1	
104G05	873064	SCST	35 00	67	63	7	42	20	0.1	376	9	1	3.42	25	2.6	2.1	300	75	0.1	0.4	2	1220	4	2	10.0	1	
104G12	873065	VLRK	45 00	25	33	6	9	10	0.1	206	3	1	1.86	20	1.0	4.9	230	45	0.1	0.2	8	968	1	4	10.0	1	
104G12	873066	SCST	35 00	148	33	31	38	13	0.4	497	36	2	2.82	15	2.6	2.7	260	44	1.4	1.2	2	595	10	6	10.0	1	
104G12	873067	CGGK	49 00	128	73	86	25	13	0.3	842	8	2	3.86	20	2.4	2.8	265	48	0.8	0.6	2	1110	4	1	10.0	1	

REGIONAL STREAM SEDIMENT AND WATER DATA, BRITISH COLUMBIA 1987, BC RGS 19, GSC OF 1646, NTS 104F, 104G - SUNDUM, TELEGRAPH CREEK

MAP	ID	ROCK TYPE	G R P E ST	STREAM SEDIMENT																			D L		D L				
				Zn	Cu	Pb	Ni	Co	Ag	Mn	As	Mo	Fe	Hg	LOI	U	F	V	Cd	Sb	W	Ba	Sn	Au	Au-R	Au WT1	Au L1	Au WT2	Au L2
104G06	873124	QTMZ	56 20	18	45	3	110	15	0.1	198	3	1	2.03	10	0.1	2.4	105	30	0.1	0.3	2	497	1	9	3	10.0	1	10.0	1
104G06	873125	QTMZ	56 00	63	73	7	41	15	0.1	560	4	1	2.95	35	2.0	4.5	195	41	0.1	0.5	2	696	3	1	5.0	2			
104G11	873126	QTMZ	56 00	102	205	34	54	29	0.6	452	187	4	4.53	90	2.6	1.9	175	58	1.5	14.5	4	537	1	25	28	10.0	1	10.0	1
104G06	873127	ANBT	45 00	116	125	18	28	26	0.2	1058	17	1	4.26	45	6.4	2.3	150	82	0.7	2.2	2	543	2	12	10.0	1			
104G11	873128	GRDR	51 00	36	19	3	7	7	0.1	281	1	1	1.61	20	1.2	3.5	260	23	0.1	0.3	2	856	2	2	10.0	1			
104G11	873129	GRDR	51 00	26	16	3	5	6	0.1	230	2	1	1.32	5	0.1	4.3	225	20	0.1	0.3	2	916	1	17	10.0	1			
104G11	873131	QTMZ	56 00	47	60	5	278	29	0.1	415	4	1	2.97	20	2.4	0.7	140	45	0.1	0.4	2	344	4	1	10.0	1			
104G11	873132	QTMZ	56 00	32	26	3	15	8	0.1	277	1	1	1.77	10	1.6	2.3	190	23	0.1	0.3	2	839	1	9	10.0	1			
104G11	873133	GRDR	51 00	97	84	9	26	22	0.1	683	4	1	3.95	580	8.6	6.6	210	68	0.1	0.4	2	673	3	5	10.0	1			
104G11	873134	QTMZ	56 00	100	75	12	50	23	0.1	627	11	1	1.14	150	9.8	7.0	250	70	0.1	1.4	2	931	7	5	10.0	1			
104G11	873135	QTMZ	56 00	78	23	11	18	13	0.1	889	3	1	3.43	20	3.0	3.5	195	44	0.1	0.5	2	1030	1	61	5	5.0	2	10.0	1
104G11	873136	QTMZ	56 00	51	30	10	23	13	0.1	397	2	3	2.61	30	10.4	15.4	260	43	0.1	0.3	2	571	1	2	10.0	1			
104G11	873137	ANBT	45 00	34	68	6	96	15	0.1	322	3	1	2.21	50	8.4	3.5	125	36	0.1	0.3	2	554	4	237	14	10.0	1	10.0	1
104G11	873158	SNDS	55 00	71	20	9	13	10	0.1	535	1	1	2.22	25	4.4	4.0	215	30	0.1	0.5	2	1030	4	1	10.0	1			
104G11	873159	SNDS	55 00	72	20	7	12	10	0.1	655	2	1	2.45	25	10.0	27.2	185	36	0.2	0.3	2	820	5	1	10.0	1			
104G11	873148	QTMZ	56 00	56	42	9	14	17	0.1	462	1	1	2.88	5	2.2	2.1	185	51	0.1	0.2	2	586	4	4	10.0	1			
104G11	873142	SNBS	55 00	87	40	7	17	17	0.1	519	3	1	3.01	5	2.8	3.1	205	56	0.1	0.5	2	807	3	14	350	10.0	1	10.0	1
104G11	873144	SNDS	55 00	52	19	7	19	10	0.1	328	1	1	2.09	5	1.8	2.7	195	31	0.1	0.2	2	772	1	2	10.0	1			
104G11	873145	SNDS	55 10	94	20	11	12	9	0.1	520	2	1	2.30	20	6.0	5.4	320	36	0.1	0.4	2	1150	3	1	10.0	1			
104G11	873146	SNDS	55 20	61	24	11	16	11	0.1	504	1	1	2.32	20	5.2	4.8	285	38	0.1	0.4	2	1100	4	1	1	10.0	1	10.0	1
104G06	873147	GRDR	46 00	64	106	10	34	13	0.1	589	3	2	2.33	35	12.6	8.9	270	34	0.2	0.6	2	816	5	39	25	10.0	1	10.0	1
104G11	873148	SNDS	55 00	53	19	11	12	7	0.1	320	1	1	1.75	10	4.0	4.6	270	32	0.1	0.3	2	1090	3	1	1	10.0	1		
104G11	873149	QRDB	51 00	84	42	8	11	11	0.1	626	1	1	2.56	5	3.6	4.9	380	46	0.1	0.4	2	655	4	3	10.0	1			
104G06	873150	QTMZ	56 00	25	23	3	6	6	0.1	375	1	1	1.33	5	0.1	2.2	175	19	0.1	0.3	2	794	1	1	1	10.0	1		
104G06	873151	QTMZ	56 00	70	267	6	19	19	0.1	275	2	2	3.12	5	2.6	1.8	225	47	0.1	0.9	8	712	4	1	1	10.0	1		
104G06	873152	QTMZ	55 00	17	14	3	3	4	0.1	154	1	1	1.12	5	0.1	2.6	165	19	0.1	0.1	2	908	1	1	1	10.0	1		
104G06	873153	QTMZ	56 00	64	172	9	25	10	0.1	562	3	19	2.14	18	2.6	3.2	285	19	0.1	0.5	24	889	2	23	16	10.0	1	10.0	1
104G06	873154	QTMZ	56 00	94	159	13	68	18	0.1	545	11	6	3.03	10	4.1	3.8	170	57	0.1	0.6	4	654	2	4	1	10.0	1		
104G06	873155	QTMZ	56 00	66	359	13	91	15	0.1	605	6	18	2.29	10	3.8	2.7	345	23	0.1	0.6	8	863	3	0	1	10.0	1		
104G07	873156	QTMZ	56 00	56	35	6	103	16	0.1	401	2	1	2.60	30	8.8	1.3	190	49	0.1	0.5	2	378	3	1	1	10.0	1		
104G07	873157	EMBT	55 00	89	37	12	58	16	0.1	657	7	2	3.24	70	3.0	2.7	310	44	0.3	0.9	2	471	8	1	1	10.0	1		
104G07	873158	SLSN	45 00	126	136	14	56	23	0.1	799	17	1	3.73	20	8.0	1.5	130	97	0.2	0.6	2	420	5	4	1	10.0	1		
104G11	873169	QTMZ	56 00	21	10	3	8	10	0.1	170	1	1	1.41	5	0.1	2.6	220	22	0.1	0.1	2	224	1	1	1	10.0	1		
104G07	873160	SLSN	45 00	75	34	8	44	16	0.1	1495	3	2	3.42	40	7.2	2.7	330	49	0.1	0.9	2	298	6	1	1	10.0	1		
104G10	873162	QTMZ	56 00	71	49	3	13	15	0.1	603	1	1	3.13	5	1.6	2.0	195	48	0.1	0.2	2	721	1	1	1	10.0	1		
104G11	873163	QTMZ	56 00	81	40	11	36	21	0.1	768	2	1	3.20	5	4.0	2.1	215	61	0.1	0.2	2	863	4	2	1	10.0	1		
104G10	873164	QTMZ	56 00	44	27	4	20	12	0.1	286	2	2	3.79	20	7.0	2.1	175	58	0.1	0.2	2	650	2	1	1	10.0	1		
104G11	873165	QTMZ	56 10	14	11	3	5	7	0.1	132	1	1	1.01	25	1.6	1.6	125	18	0.1	0.2	2	1000	1	1	1	10.0	1		
104G11	873166	QTMZ	56 20	15	11	3	6	8	0.1	112	1	1	1.22	20	1.6	2.4	140	21	0.1	0.1	2	966	1	9	1	10.0	1	10.0	1
104G11	873167	QTMZ	56 00	25	21	4	8	11	0.1	193	1	1	1.93	5	1.0	3.2	185	34	0.1	0.1	2	681	1	1	1	10.0	1		
104G11	873168	QTMZ	56 00	83	55	7	42	26	0.1	732	1	2	4.48	20	6.6	1.2	285	121	0.1	0.2	2	685	6	1	1	10.0	1		
104G11	873169	QTMZ	56 00	39	44	6	7	5	0.1	325	1	1	1.11	5	2.0	2.3	215	18	0.1	0.6	2	1140	1	1	1	10.0	1		
104G10	873170	QTMZ	56 00	38	17	6	22	9	0.1	213	1	1	2.12	30	1.8	2.0	175	38	0.1	0.3	2	822	1	1	1	10.0	1		
104G11	873171	QRSD	51 00	74	21	12	19	11	0.2	653	1	1	2.45	45	21.9	54.9	210	32	0.1	0.2	2	1020	9	4	1	10.0	1		
104G10	873172	QRSD	51 00	62	23	7	29	12	0.1	422	2	1	2.85	45	3.4	3.4	165	45	0.1	0.5	2	650	2	800	20	5.0	2	10.0	1
104G10	873173	QRSD	51 00	65	25	7	30	13	0.1	459	2	1	2.87	25	3.8	3.9	190	56	0.1	0.4	2	624	3	60	26	10.0	1	10.0	1
104G10	873174	QRSD	51 00	60	11	7	9	10	0.1	589	1	1	2.83	5	4.0	7.3	155	50	0.1	0.2	2	680	6	1	1	10.0	1		
104G11	873175	QRSD	51 00	78	26	12	17	13	0.1	534	3	1	2.79	95	5.6	3.2	210	60	0.1	0.4	2	954	1	3	1	10.0	1		
104G07	873177	BTRT	63 00	225	3	27	6	3	0.1	1201	7	4	2.53	470	1.2	7.0	315	10	0.6	1.1	2	69	3	200	220	10.0	1	10.0	1
104G07	873178	SNDS	55 00	186	3	24	6	3	0.1	1047	6	3	2.35	165	1.2	7.3	325	10	0.5	1.2	2	59	3	40	3	10.0	1	10.0	1