

**Assessment Report on  
Geochemical Work  
On The Following Claims**

<b>Solid Gold.....521566</b>	<b>Merrit High Grade Ext.....549081</b>
<b>Merrit High Grade Gold...545405</b>	<b>Pezim Gold.....562134</b>
<b>Iota 2.....548002</b>	<b>Iota 3.....565569</b>
<b>Iota.....548003</b>	<b>Iota 3 Extension.....576743</b>

**Located 8 km East of Merritt  
British Columbia**

**Kamloops Mining Division**

**50 degrees 07 minutes latitude  
120 degrees 31 minutes longitude**

**N.T.S. 92 I/02E**

**Event #4287454**

**Project Period: May 16 to 19, 2009**

**On Behalf of  
Julia Wang of  
Vancouver, BC**

**Report By  
A. Walus, M.Sc., P.Geo.**

**Date: July 10, 2009**

**GEOLOGICAL SURVEY BRANCH  
ASSESSMENT REPORT  
30.978**

**RECEIVED**  
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


## LIST OF ATTACHED MAPS

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## LIST OF APPENDICES

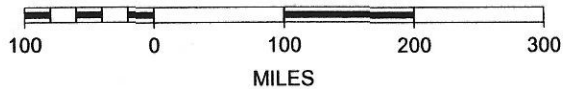
APPENDIX I	Rock Samples Descriptions
APPENDIX II	Geochemical Results
APPENDIX III	Mineral Claim Exploration Statement

# ARIS Map

-  IOTA Location
- Topographic Layers**
  -  Lakes 1:6M
  -  Rivers 1:6M
- BC Border Layers**
  -  BC Border 1:6M



SCALE 1 : 9,344,302










# ARIS Map



## Mineral Titles Layers

-  IOTA Tenure
-  All Mineral Tenures

## Topographic Layers

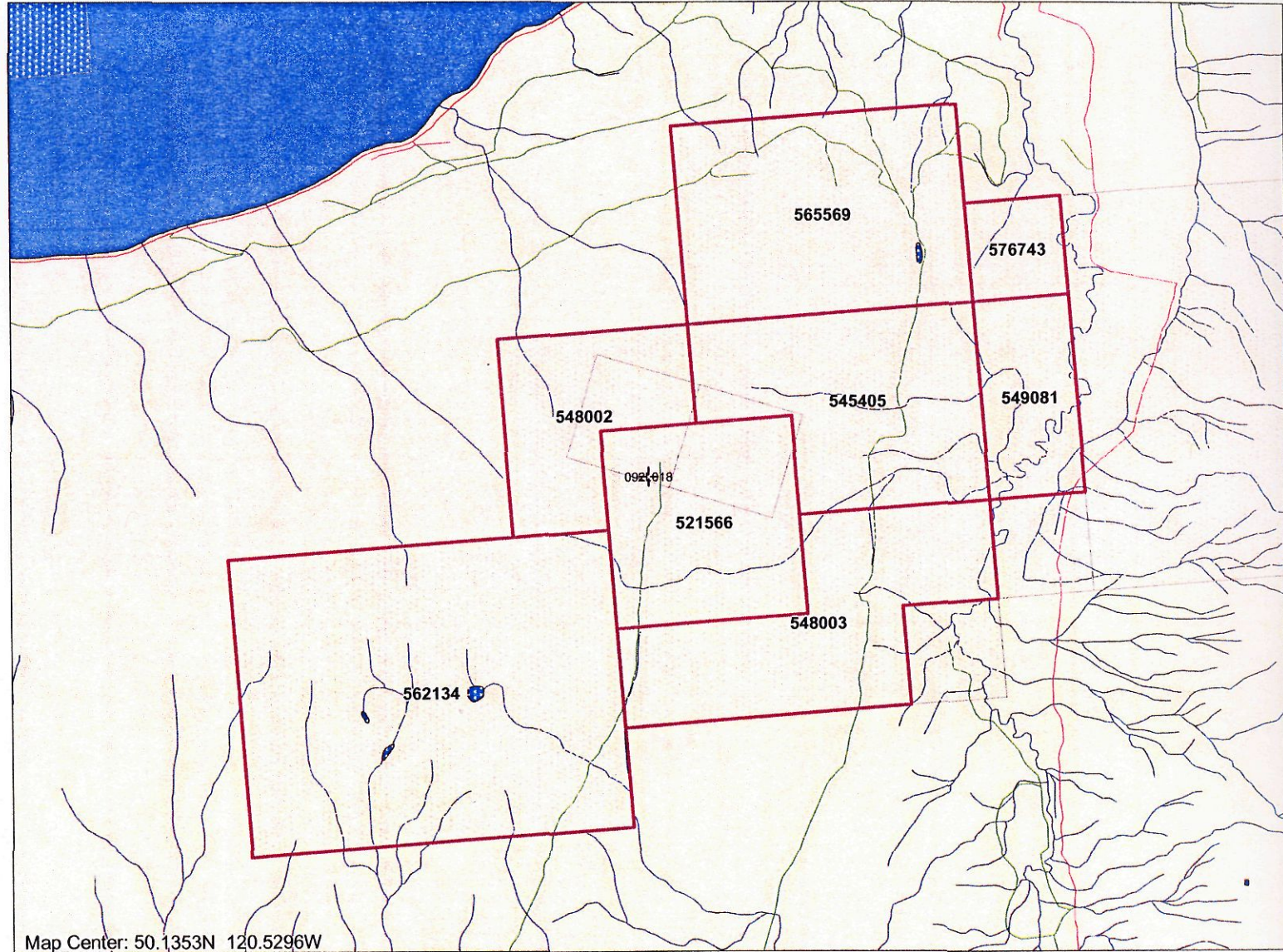
-  Railways 1:20K
-  Roads 1:20K
  -  Gravel Road
  -  Paved Road
  -  Rough Road
-  Lakes 1:20K
-  Rivers 1:20K

## Grid Layers

-  Grid 1:20K - labels
-  Grid 1:20K - outline

## BC Border Layers

-  BC Border 1:50K



SCALE 1 : 29,330



N



## Property Ownership

The Iota property consists of eight claims totaling 787.04 ha, located 2.0 kilometres south of Quilchena, BC, on the south side of Nicola Lake. Relevant claim information is summarized below:

<b>Tenure Number</b>	<b>Claim Name</b>	<b>Good to Date</b>	<b>Area in Ha</b>
521566	SOLID GOLD	2011/jul/07	82.85
545405	MERRIT HIGH GRADE GOLD	2011/jul/07	103.55
548002	IOTA 2	2011/jul/07	62.13
548003	IOTA	2011/jul/07	103.57
549081	MERRIT HIGH GRADE EXT	2011/jul/07	41.42
562134	PEZIM GOLD	2011/jul/07	248.57
565569	IOTA 3	2011/jul/07	124.24
576743	IOTA 3 EXTENSION	2011/jul/07	20.71
		<b>Total area</b>	<b>787.04</b>

Claims location is shown on the attached map printed from ARIS database.

The claims are presently 100 % owned by Julia Wang of Vancouver BC.

## Work History

The earliest reports on the area covered by Iota claims date back to 1908 when the initial Sunnyboy claims were staked. In 1914 the claims were crown granted. Much tunneling was done on them and Crossland in an early report from 1922 recommended drilling and underground development work. Later reports written in 1936 and 1944 recommended more drilling and tunneling, encouraged by good gold grades of up to 1.8 oz/ton. During this period some prospecting and shallow holes were completed on the crown granted claims. In 1961, the Quilchena Mining and development Co. started a program on Sunnyboy crown granted claims. In 1966, Ramada Mines carried out a magnetic survey over portion of the claims. In 1970, Frankin Price did another magnetometer survey over Sunnyboy 1 to 6 crown grants. In 1974, Telstar resources completed a geological report on the Sunnyboy and adjacent claims, and in 1983, a small VLF EM survey was made by J.D. Murphy. In 1979, and 1984 physical work was reported by L. Peckham and Ovington respectively. In 2007 a limited geochemical work was reported by D. Javorski.

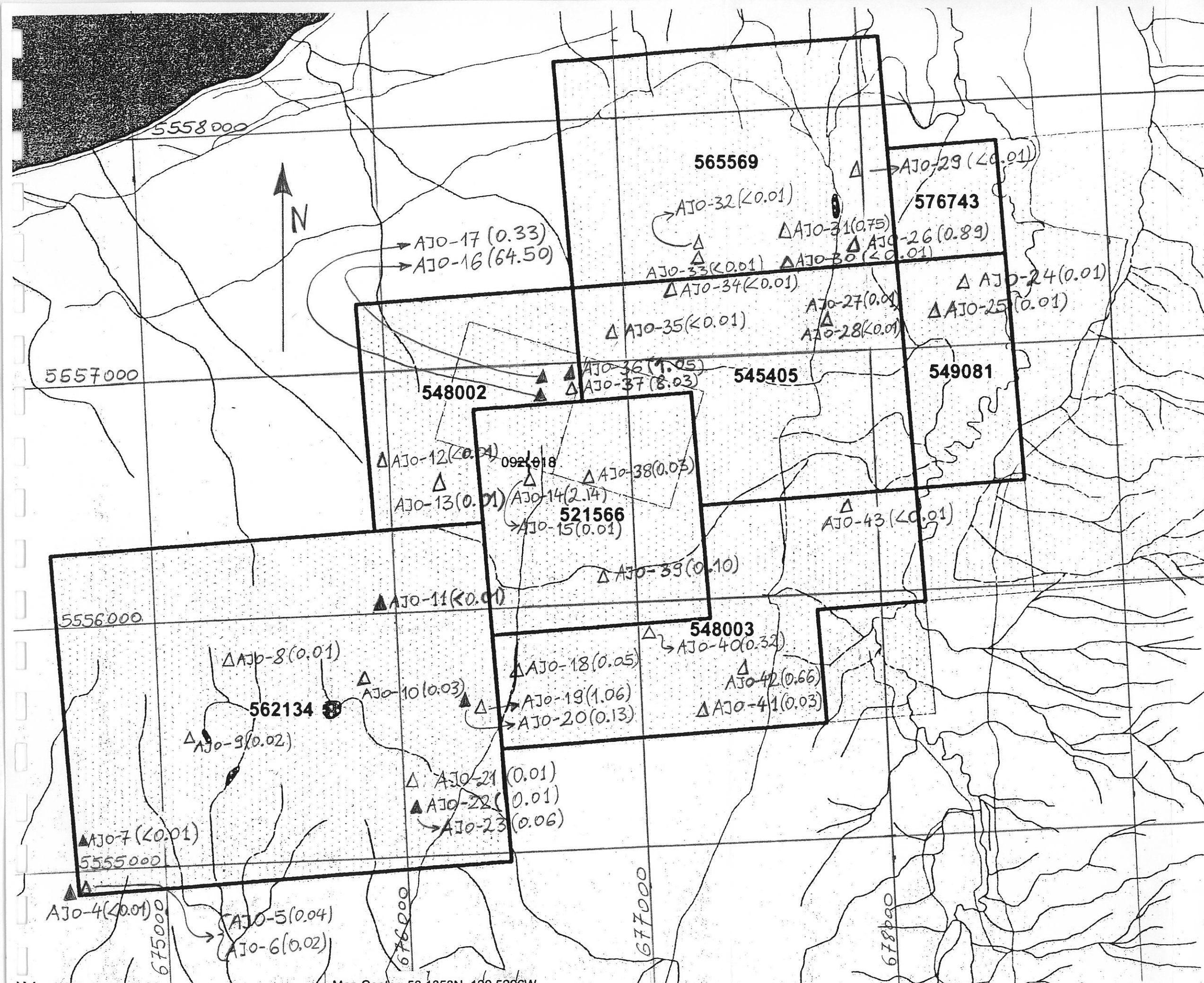
## GEOLOGY

The Iota property is situated on a belt of red to green altered porphyritic andesites of the Upper Triassic Nicola Volcanic Group. These volcanics underwent fracturing and faulting, probably associated with the underlying Jurassic intrusives which most likely are the source of the quartz-calcite veins which contain high grade gold with accompanying silver and copper. Epidote alteration developed in the vicinity of these veins. Larger veins are often accompanied by microdiorite dykes, which often form wallrock of the vein. Anomalous gold and copper values were often noted in microdiorite wallrock. Faulting is evident at several locations on the property. The main fault is the large Quilchena Creek Fault, a northeast trending structure that has an apparent 3 km displacement. Mineralized veins found on the property are related to Quilchena fault system.

## ALTERATION - MINERALIZATION

The mineralized veins vary in width from 5 to 35 cm. A quartz "froth" or boxwork texture, either with or without oxides, is the best indicator for the presence of visible gold. Tiny scales, plates, and blebs of gold up to 3 mm across were noted in the Main (or "Master vein"). The gold is accompanied by malachite, pyrite, chalcopyrite, and limonite.

The two highest gold assays obtained from samples collected during the 2009 sampling program came from the known and previously sampled quartz veins of the Cliff showing. Sample AJO-16, a 10 cm chip sample across limonitic quartz vein exposed in an old trench assayed 64.5 g/t gold. Another sample (AJO-37), a float of a quartz vein with 1% bornite, 1% specularite and minor malachite stain assayed 8.03 g/t gold. The float came from a vein above which already been sampled. Several samples collected outside the known showings recorded much lower but still significant gold results. Sample AJO-14, a float collected from suboutcrop situated 200 metres to the south from old tranches on Cliff showing returned 2.14 g/t gold. Sample AJO-19, a float composed of quartz, carbonate, chlorite and 1-2% pyrite collected from suboutcrop located 1.3 kilometres south of Cliff showing yielded 1.06 g/t gold. A chip sample from 10 cm wide strongly limonitic quartz vein located 50 metres from this float assayed 0.13 g/t gold (sample AJO-20). Sample AJO-26, a float from suboutcrop composed of quartz-epidote with minor bornite (?) returned 0.89 g/t gold. Sample AJO-31, composed of a few small float pieces of quartz-epidote-chlorite vein assayed 0.75 g/t gold. Sample AJO-40 a large angular float of quartz-chlorite vein with minor chalcopyrite and abundant malachite stain assayed 0.32 g/t gold. Sample AJO-43, an

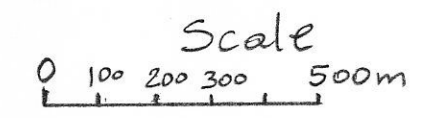


### LEGEND

- △ Rock sample (float)
- ▲ Rock sample (in place)

AJO-42 (0.66),  
 Sample Gold Assay  
 Number in g/t

Coordinates are  
 UTM NAD 84



IOTA PROPERTY		
Samples Location and Gold Geochemistry		
Scale: As shown	Date: Jul-09	NTS Map 92 1/02E



angular float of partly silicified basalt (?) with abundant pervasive malachite, yielded 0.66 g/t gold.

Except gold, part of the samples shows slightly elevated silver values of up to 8.2 ppm in sample AJO-16, and significant copper values with the high of 6664 ppm in sample AJO-26.

## **GEOCHEMISTRY**

### **Introduction**

During the 2009 geochemical program of rock sampling on Iota claims a total of 40 samples were collected which include 31 float and 9 samples from the outcrop. The program was conducted by the author of this report on behalf of property owner Julia Wang in May 2009. Sample locations and gold geochemistry are shown on the attached map. Locations of the samples were determined using GPS. Descriptions of samples are given in Appendix I.

All samples were analyzed by Assayers Canada, in Vancouver, British Columbia. They were assayed for gold and 30 elements ICP. Complete geochemical results are presented in Appendix II.

### **Field Procedure and Laboratory Technique**

Rock samples were taken in the field with a prospector's pick and collected in standard plastic sample bags. Weight of individual samples ranged from 0.5 to 2.0 kgs.

Rock samples were first crushed to minus 10 mesh (70 % of sample) using jaw and cone crushers. Then 250 grams of the minus 10-mesh material was pulverized to minus 150 mesh using a ring pulverizer. A modified Aqua Regia solution is added to each sample and leached for 1 hour at greater than 95 degrees Celsius. The resulting solution was then analyzed by atomic absorption. The analytical results were then compared to prepared standards for the determination of the absolute amounts. For the determination of the remaining trace and major elements Inductively Coupled Argon Plasma (ICP) was used. In this procedure a 0.5-gram portion of the minus 140-mesh material is digested with aqua regia for 1 hour at 95 degrees Celsius and made up to a volume of 20 mls prior to the actual analysis in the plasma. Again the absolute amounts were determined by comparing the analytical results to those of prepared standards.

Laboratory procedures for specific metals are presented below:

**Procedure summary for gold fire assay:**

Lead flux and silver inquart are added to the sample and mixed. Samples are fused in batches of 24 assays along with natural standard and a reagent blank. This batch of 26 assays is carried through the whole procedure as a set.

After cupellation (which removes lead), the precious metal bead the precious metal bead is parted in nitric acid to remove the silver. The remaining gold bead is either weighted (gravimetric finish) or dissolved in aqua regia and analyzed on atomic adsorption spectrometer, using a suitable standard set. The natural standard fused along with the sample set must be within 2 standard deviations of its known value or the whole set is re-assayed.

10% of the samples in a set are re-assayed and reported in duplicate, along with the standard and reagent blank.

Detection limit: 0.01 g/tonne

**CONCLUSIONS AND RECOMMENDATIONS**

The purpose of the 2009 rock sampling program on Iota property was to examine areas located outside the known mineralized zones for the presence of gold mineralization. The program revealed that gold bearing quartz-carbonate veins are present on all Iota claims. The highest gold assays were recorded on and close to the Cliff showing but veins in other areas also recorded significant gold assays of up to 1.0 g/t gold.

It is recommended to conduct soil sampling program on selected areas of the property followed by trenching of promising soil anomalies.

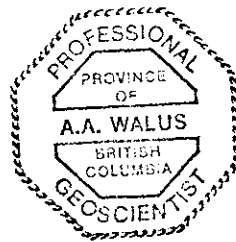
## REFERENCES

- Cockfield, W.E. 1947, GSC Memoir 249
- Minister of Mines 1949, Annual Report of the Minister of Mines.
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- Hemsworth, F.J. 1966, Assessment Report 748. Magnetometer survey, Ruth 1-5 and Esther 1-30 For Ramada Mines.
- Price, F.D. 1970, Assessment Report 2750. Geophysical and Geological Report, Sunnyboy Claims.
- Preto, V.A 1981-2, Paper 1981-2. Reconnaissance Rock Geochemistry of the Nicola and Kingsvele Group between Merritt and Princeton.
- Sanders, K.G. 1974, Assessment Report 5092. Geological Report on the Sunnyboy Property for Teistar Resources Ltd.
- Murphy, J.D. 1984, Assessment Report 11927. Geophysical Report on the Sunnyboy and Guy claims.

## CERTIFICATE OF AUTHOR'S QUALIFICATIONS

I, Alojzy Aleksander Walus, of 8546-164 Street, Surrey, in the Province of British Columbia, do hereby certify that:

1. I am a graduate of the University of Wroclaw, Poland and hold M.Sc. Degree in Geology.
2. I am a consulting geologist working on behalf of several exploration companies based in Vancouver. BC.
3. I have worked in British Columbia from 1988 to 2009 as a geologist with several exploration companies.
4. I am a member in good standing of the Association of Professional Engineers and Geoscientists of the Province of British Columbia.
5. This report is based on my work completed on Iota claims in May, 2009.
6. I authorize Julia Wang to use information in this report or portions of it in its prospectus, any brochures, and promotional material.



*A. Walus*

DATED AT VANCOUVER, B.C., July 10, 2009-----Alojzy A. Walus, P.Geo.

**STATEMENT OF EXPENDITURES – EVENT # 4287454**

Field personnel:

A. Walus - geologist, 4 days @\$500/day.....2000.00

J. Denka - field assistant, 4 days @\$300/day.....1200.00

Sample analysis, 40 samples @ \$23.98 per sample.....959.28

Food/accommodation, 8 man-days @ \$51.71 per day per man.....413.69

Vehicle rental and gas.....445.23

Report writing, drafting and copying.....2,350

-----  
**Total            \$7,368.2**

**APPENDIX I**

**ROCK SAMPLES DESCRIPTION**

- AJO-4** Float sample from suboutcrop of carbonate replaced rock cut by thin carbonate veinlets. Nearby, there are several angular pieces of the same rock up to 25 cm across.
- AJO-5** Angular float from suboutcrop, 10 x 20 cm in size, 1-2 cm wide quartz- carbonate vein hosted within altered andesite tuff. Minor malachite stain present in the wallrock of the vein.
- AJO-6** The sample was collected about 3 metres from AJO-5. Grab from small outcrop (<1.0 metres across) of altered andesitic rock cut by thin (1-5 mm wide) quartz- carbonate veinlets. Weak, pervasive malachite stain throughout the rock.
- AJO-7** Grab from altered basalt (?) with several 1-2 mm wide quartz- carbonate veinlets.
- AJO-8** Float from suboutcrop (0.3 x 0.3 m in size) of strongly chlorite-epidote altered basalt with irregular quartz- carbonate veining.
- AJO-9** Float from suboutcrop of carbonate-quartz replaced rock cut by a few 1-2 mm wide quartz veinlets. Trace pyrite.
- AJO-10** Composite sample of a few small angular float pieces with vuggy, limonitic quartz- chlorite veinlets.
- AJO-11** Grab sample from altered andesite/basalt with minor carbonate veining.
- AJO-12** Composite sample composed of two small angular float pieces of white quartz.
- AJO-13** Angular boulder from suboutcrop of carbonate-quartz- chlorite replaced rock. Minor limonite on fractures.
- AJO-14** Float (20 cm across) from suboutcrop of quartz with 3-5% chlorite and minor limonite. There are a few similar boulders lying nearby.
- AJO-15** Same description as AJO-14. Sample was taken 2-3 metres from AJO-14.
- AJO-16** Chip across 10 cm wide limonitic vein composed of quartz with lesser calcite, rhodochrosite and 1-3% chlorite. The sample was collected from an old trench. The vein is from 1 to 20 cm wide and exposed over 40 metres. Often limonite and sporadically malachite stain is present. Vein is oriented 300 degrees with vertical dip.
- AJO-17** Chip 12 cm across a quartz- carbonate- chlorite vein, which is 10-15 cm wide and exposed over 2.5 metres. The vein is striking 290 degrees dipping very steeply to NE.

- AJO-18** Float of strongly epidote altered rock cut by irregular quartz veining which comprise 30-40% of the rock.
- AJO-19** Very angular float from suboutcrop composed of quartz with lesser carbonate, chlorite and 1-2% partly oxidized blebby pyrite.
- AJO-20** Chip across 10 cm wide strongly limonitic quartz vein. Vein is oriented 310 degrees with vertical dip. Only 50-60 cm of this vein is exposed.
- AJO-21** Angular float of quartz with minor chlorite, epidote and limonite stain.
- AJO-22** Grab sample from 5 cm wide quartz-carbonate vein. Abundant limonite and minor malachite stain. The vein is striking 320 degrees and has subvertical dip. Only small fragment of the vein (30-40 cm long) is exposed. The vein is part of a larger shear zone at least 5 m wide exposed over 10-12 metres. The zone feature numerous float and a few tiny outcrops of limonitic quartz- carbonate altered rock.
- AJO-23** Grab sample from the same shear zone as AJO-22. The sample is from sheared rock with several narrow (0.5-1.0 cm wide) quartz stringers and abundant limonite stain.
- AJO-24** Angular float of a vein composed of quartz with lesser carbonate and epidote.
- AJO-25** Angular float of brecciated quartz vein cemented with limonite.
- AJO-26** Float from suboutcrop of a distinctly banded quartz-epidote vein with minor carbonate and some carbonaceous substance. In one place a small streak of bornite (?) was noted.
- AJO-27** Angular float of quartz-carbonate vein with minor limonite stain.
- AJO-28** Angular float of quartz-epidote vein with minor limonite stain.
- AJO-29** Float of altered basalt with white stain on the surface.
- AJO-30** Composite sample of a few small float fragments containing 1-2 cm wide vuggy quartz-vein hosted in reddish coloured basalt.
- AJO-31** Composite sample of a few small angular pieces of vuggy quartz-carbonate vein with minor chlorite, limonite and malachite stain.
- AJO-32** Angular float of quartz vein.
- AJO-33** Angular float of vuggy quartz-carbonate-chlorite vein with minor limonite stain.



- AJO-34** Semiangular float composed of coarse grained ankerite/siderite, chlorite and minor limonite.
- AJO-35** Composite sample of a few small angular float pieces composed of quartz, lesser epidote and chlorite.
- AJO-36** Chip across 15 cm wide quartz-chlorite vein. The vein is from 15 to 60 cm wide and display crude banding. Vein orientation - 300 degrees with vertical dip. Old tag is present at the site.
- AJO-37** Angular float of quartz vein with 1% bornite, 1% specularite and minor malachite stain. The float most likely came from the vein above sampled by AJO-36.
- AJO-38** Large angular float of quartz-chlorite vein.
- AJO-39** Angular float of quartz vein with minor chlorite and trace of black unidentified sulphide.
- AJO-40** Large (30x40 cm), angular float of quartz-chlorite vein with minor (<1%) chalcopyrite, hematite and abundant malachite stain.
- AJO-41** Angular float of quartz-vein with minor epidote and limonite.
- AJO-42** Angular float of banded quartz-chlorite vein.
- AJO-43** Angular float of partly silicified basalt (?) with abundant pervasive malachite.



**Assayers Canada**  
 8282 Sherbrooke St.  
 Vancouver, B.C.  
 V5X 4R6  
 Tel: (604) 327-3436  
 Fax: (604) 327-3423

*Quality Assaying for over 25 Years*

**Assay Certificate**


**9V-0638-RA1**

Company: **Alex Walus**  
 Project: **IOTA**  
 Attn: **Alex Walus**

**Jun-01-09**

We hereby certify the following assay of 22 rocks samples submitted May-23-09

<b>Sample Name</b>	<b>Au g/tonne</b>	<b>Au-Check g/tonne</b>
AJO-4	<0.01	<0.01
AJO-5	0.04	
AJO-6	0.02	
AJO-7	<0.01	
AJO-8	0.01	
AJO-9	0.02	
AJO-10	0.03	
AJO-11	<0.01	
AJO-12	<0.01	
AJO-13	0.01	
AJO-14	2.14	2.16
AJO-15	0.01	
AJO-16	64.50	
AJO-17	0.33	
AJO-18	0.05	
AJO-19	1.06	
AJO-20	0.13	
AJO-21	0.01	
AJO-22	0.01	
AJO-23	0.06	0.04
AJO-24	0.01	
AJO-25	0.01	
*0211	2.13	
*BLANK	<0.01	

Certified by \_\_\_\_\_ 



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 Vancouver, B.C.  
 V5X 4R6  
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 Fax: (604) 327-3423

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**Assay Certificate**


**9V-0638-RA2**

Company: **Alex Walus**  
 Project: **IOTA**  
 Attn: **Alex Walus**

**Jun-01-09**

We hereby certify the following assay of 18 rocks samples submitted May-23-09

<b>Sample Name</b>	<b>Au g/tonne</b>	<b>Au-Check g/tonne</b>
AJO-26	0.89	0.85
AJO-27	0.01	
AJO-28	<0.01	
AJO-29	<0.01	
AJO-30	<0.01	
AJO-31	0.75	
AJO-32	<0.01	
AJO-33	<0.01	
AJO-34	<0.01	
AJO-35	<0.01	<0.01
AJO-36	1.05	
AJO-37	8.03	
AJO-38	0.03	
AJO-39	0.10	
AJO-40	0.32	
AJO-41	0.03	
AJO-42	0.66	
AJO-43	<0.01	
*0211	2.34	
*BLANK	<0.01	

Certified by \_\_\_\_\_ 

# Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 9V0638RJ

Date : Jun-01-09

Alex Walus

Attention: Alex Walus

Project: IOTA

Sample type: Rocks

## Multi-Element ICP-AES Analysis

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
AJO-4	<0.2	0.02	6	16	<0.5	<5	>15.00	<1	1	5	3	0.11	2	0.01	<10	0.27	99	<2	0.01	2	229	<2	<0.01	<5	<1	1237	<5	<0.01	10	<10	6	<10	6	<1
AJO-5	3.5	1.97	10	505	<0.5	13	4.06	<1	33	29	6200	5.75	2	0.19	<10	2.99	1338	<2	0.04	14	1984	16	0.04	<5	6	89	<5	0.05	<10	<10	139	<10	87	5
AJO-6	2.8	1.94	10	834	<0.5	8	3.42	1	34	42	4702	6.09	2	0.17	<10	2.83	1194	<2	0.05	16	1996	13	0.03	<5	7	60	<5	0.08	<10	<10	155	<10	86	8
AJO-7	<0.2	2.32	16	86	0.7	<5	6.44	1	35	81	34	5.69	2	0.24	<10	3.46	1428	<2	0.03	35	1544	2	<0.01	<5	16	123	<5	0.17	<10	<10	173	<10	67	11
AJO-8	0.7	1.84	8	924	<0.5	<5	11.88	1	26	119	21	4.32	1	0.08	<10	2.68	1786	<2	0.01	27	1055	<2	0.01	<5	18	326	<5	0.05	<10	10	158	<10	50	3
AJO-9	1.5	0.39	<5	260	<0.5	<5	7.16	1	12	61	690	1.98	1	0.27	<10	1.41	1301	<2	0.01	10	1085	6	0.01	<5	5	161	<5	<0.01	<10	<10	16	<10	38	1
AJO-10	<0.2	0.86	6	43	<0.5	<5	1.70	<1	14	206	22	2.27	1	0.08	<10	0.87	538	4	0.03	14	1030	<2	<0.01	<5	3	56	<5	0.14	<10	<10	67	<10	27	5
AJO-11	<0.2	3.06	11	106	0.9	<5	4.46	1	47	31	151	6.95	2	0.19	<10	3.60	1413	<2	0.03	22	1943	<2	<0.01	<5	18	161	<5	0.28	<10	11	196	<10	99	7
AJO-12	<0.2	0.15	<5	10	<0.5	<5	0.04	<1	3	281	4	0.53	<1	0.01	<10	0.16	98	5	0.01	6	42	<2	<0.01	<5	<1	1	<5	0.01	<10	<10	7	<10	6	<1
AJO-13	0.2	0.19	<5	<10	<0.5	<5	4.82	<1	3	217	122	0.52	<1	0.01	<10	0.23	418	5	0.01	12	94	<2	<0.01	<5	2	68	<5	0.01	<10	<10	15	<10	6	<1
AJO-14	6.4	0.37	<5	21	<0.5	<5	1.25	<1	5	169	437	0.93	<1	0.02	<10	0.39	375	<2	0.01	7	155	<2	<0.01	<5	1	25	<5	<0.01	<10	<10	16	<10	18	1
AJO-15	<0.2	0.21	<5	16	<0.5	<5	2.52	<1	3	208	19	0.60	<1	0.02	<10	0.21	450	7	0.01	6	99	<2	<0.01	<5	1	61	<5	<0.01	<10	<10	9	<10	8	<1
AJO-16	8.2	0.21	<5	11	<0.5	<5	0.05	<1	3	224	263	0.78	1	0.03	<10	0.18	63	<2	0.01	8	151	<2	0.03	<5	1	3	<5	0.01	<10	<10	21	<10	6	1
AJO-17	0.8	1.03	10	27	<0.5	5	1.82	1	10	183	1548	2.24	1	0.06	<10	1.08	669	3	0.01	9	469	2	0.12	<5	2	39	<5	0.02	<10	<10	49	<10	30	2
AJO-18	<0.2	0.97	7	<10	<0.5	<5	2.39	<1	35	147	116	1.02	1	0.02	<10	0.47	283	<2	0.01	18	1482	<2	<0.01	<5	3	170	<5	0.17	<10	<10	61	<10	20	8
AJO-19	1.1	0.89	6	45	<0.5	<5	7.49	2	10	225	73	1.91	1	0.01	<10	1.17	993	4	0.01	45	286	31	0.01	<5	6	115	<5	0.03	<10	<10	72	<10	43	1
AJO-20	0.2	0.31	8	47	<0.5	<5	2.75	<1	8	183	75	1.17	<1	0.13	<10	0.19	707	3	0.01	11	259	<2	<0.01	<5	2	65	<5	<0.01	<10	<10	21	<10	21	1
AJO-21	<0.2	0.29	5	10	<0.5	<5	1.44	<1	4	171	9	0.75	<1	0.03	<10	0.23	231	<2	0.01	6	247	<2	<0.01	<5	1	27	<5	0.05	<10	<10	37	<10	6	1
AJO-22	<0.2	0.08	5	202	<0.5	<5	3.02	<1	6	203	39	1.01	<1	0.04	<10	0.56	683	7	0.01	10	117	<2	<0.01	<5	4	38	<5	<0.01	<10	<10	8	<10	13	<1
AJO-23	<0.2	0.16	6	76	<0.5	<5	4.81	<1	14	148	9	2.10	<1	0.09	<10	1.47	1006	<2	0.01	32	418	<2	<0.01	<5	10	59	<5	<0.01	<10	<10	21	<10	35	1
AJO-24	<0.2	0.68	8	<10	<0.5	<5	>15.00	<1	7	39	23	1.20	1	0.02	<10	0.62	1255	2	0.01	5	355	<2	<0.01	<5	1	354	<5	0.07	<10	<10	59	<10	16	3
AJO-25	<0.2	0.42	9	41	<0.5	<5	0.23	<1	6	162	36	1.41	<1	0.09	<10	0.36	296	<2	0.03	9	344	<2	<0.01	<5	3	11	<5	0.03	<10	<10	47	<10	16	3
AJO-26	6.8	1.18	9	<10	0.5	<5	1.41	<1	20	141	6664	2.06	1	0.01	<10	1.34	418	2	0.03	17	962	11	0.19	<5	3	52	<5	0.22	<10	<10	66	<10	40	5
AJO-27	0.2	0.14	6	<10	<0.5	6	2.85	<1	2	193	68	0.58	<1	0.02	<10	0.17	333	4	0.01	7	91	<2	<0.01	<5	1	34	<5	<0.01	<10	<10	15	<10	4	<1
AJO-28	<0.2	1.05	10	<10	0.6	<5	1.26	<1	25	142	34	2.97	1	0.03	<10	1.72	546	<2	0.03	20	995	<2	<0.01	<5	4	20	<5	0.24	<10	<10	67	<10	48	13
AJO-29	<0.2	1.01	17	24	0.6	<5	4.49	<1	40	152	27	4.77	1	0.04	<10	1.50	788	<2	0.05	80	1450	6	<0.01	<5	4	56	<5	0.25	<10	<10	150	<10	52	13
AJO-30	<0.2	1.29	14	47	0.6	<5	3.23	<1	28	137	12	3.88	1	0.06	<10	2.28	924	<2	0.03	35	1232	<2	<0.01	<5	8	50	<5	0.23	<10	<10	152	<10	51	12
AJO-31	7.8	0.55	8	13	<0.5	7	3.41	1	7	149	1507	1.38	2	0.03	<10	0.67	566	2	0.01	9	264	6	0.02	<5	2	29	<5	0.01	<10	<10	34	<10	22	1
AJO-32	<0.2	0.07	5	<10	<0.5	<5	0.28	<1	3	246	7	0.56	<1	0.01	<10	0.09	89	6	0.01	7	111	<2	<0.01	<5	1	3	<5	0.03	<10	<10	13	<10	3	1
AJO-33	<0.2	0.61	6	12	<0.5	5	3.80	<1	9	173	36	1.46	1	0.08	<10	0.77	493	2	0.01	19	484	<2	<0.01	<5	3	46	<5	0.01	<10	<10	41	<10	18	2

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO3 at 95°C for 2 hours and diluted to 25ml.



# Assayers Canada

8282 Sherbrooke St., Vancouver, B.C., V5X 4R6

Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 9V0638RJ

Date : Jun-01-09

**Alex Walus**

Attention: Alex Walus

Project: IOTA

Sample type: Rocks

## Multi-Element ICP-AES Analysis

Aqua Regia Digestion

Sample Number	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
AJO-34	0.5	0.49	10	13	<0.5	6	>15.00	1	30	36	3	5.47	1	0.16	<10	5.37	4260	<2	0.02	26	1311	<2	<0.01	<5	30	361	<5	<0.01	<10	14	27	<10	81	2
AJO-35	0.2	1.02	9	64	0.6	<5	1.49	<1	16	96	225	2.04	1	0.07	<10	0.82	731	2	0.02	8	1615	<2	<0.01	<5	3	122	<5	0.17	<10	<10	99	<10	48	8
AJO-36	0.2	0.72	7	13	<0.5	<5	1.52	<1	9	159	177	1.38	1	0.06	<10	0.71	353	2	0.01	8	606	<2	<0.01	<5	2	67	<5	0.05	<10	<10	48	10	20	2
AJO-37	7.6	0.11	7	18	<0.5	14	4.64	1	2	185	4195	0.84	1	0.01	<10	0.13	599	5	0.01	4	256	8	0.11	<5	1	80	<5	<0.01	<10	<10	24	<10	3	<1
AJO-38	0.3	1.36	6	<10	<0.5	5	0.82	<1	16	170	83	2.71	1	0.02	<10	1.58	508	<2	0.01	14	114	<2	<0.01	<5	2	7	<5	0.02	<10	<10	56	<10	41	1
AJO-39	1.0	0.08	<5	<10	<0.5	8	0.25	<1	2	240	990	0.63	1	0.02	<10	0.08	70	5	0.01	5	159	<2	0.03	<5	1	3	<5	0.01	<10	<10	27	<10	4	1
AJO-40	2.2	0.49	7	12	<0.5	11	3.73	<1	6	161	2343	1.87	1	0.03	<10	0.60	1123	45	0.01	6	239	2	0.27	<5	1	67	<5	0.01	<10	<10	33	<10	26	1
AJO-41	0.5	0.03	5	<10	<0.5	9	0.36	<1	2	279	601	0.32	<1	<0.01	<10	0.03	99	7	0.01	6	67	<2	0.01	<5	<1	4	<5	<0.01	<10	<10	3	<10	3	<1
AJO-42	2.1	2.64	10	29	<0.5	<5	6.44	<1	33	211	149	5.15	2	0.08	<10	3.39	1259	2	0.02	49	1324	<2	0.01	<5	14	84	<5	0.18	<10	<10	162	<10	64	6
AJO-43	0.9	1.37	76	18	<0.5	<5	0.67	1	13	81	4714	2.81	2	0.03	<10	1.56	993	<2	0.08	12	1159	7	0.09	73	6	17	<5	0.16	<10	<10	119	<10	53	6

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO3 at 95°C for 2 hours and diluted to 25ml.

