

ANALYTICAL QUOTATION

COMPANY: Vimy Resources

ADDRESS:

PO Box 23

West Perth WA 6872

PH/EMAIL: 09 9389 2700
XMoreau@vimyresources.com.au

CONTACT: Xavier Moreau

INTERTEK

55 Export Drive,

QUOTE NO.: Q190241

East Arm,

QUOTE VALIDITY: 30 days

Northern Territory, 0822

QUOTE EXPIRY: 31st December 2019

PHONE: +61 8 8947 0510 **DATE:** 2nd May 2019

CONTACT: John Slater

Dear Xavier,

Intertek NTEL is pleased to confirm the following analytical options and prices. The prices quoted relate to our recent schedule of services and will be held in place until 31 December 2019.

In summary:

It is anticipated that there will be ~7000 samples submitted with three types of sample: a comp, an 'assay' (1m primary sample) and termitaria samples. Sample preparation will be in accordance with your flow chart with QC at a rate of 1:20 as agreed. See following pages.

Pulverising will occur in the Darwin "low level/NORM" preparation area using B1000 standard steel bowls to minimise lead contamination, and digests will be performed in Teflon beakers.

All costs quoted are in Australian dollars (AUD) and exclude GST.

We look forward to working with you and providing quality analysis and service.

Regards,

John Slater

Business Development Manager

Minerals

Mobile +61 438 259 635

Office +61 8 9263 0100

www.intertek.com

Intertek testing services Australia (Pty) Ltd, Level 3, 235 St Georges Terrace, Perth 6000, Western Australia



FREIGHT / LOGISTICS

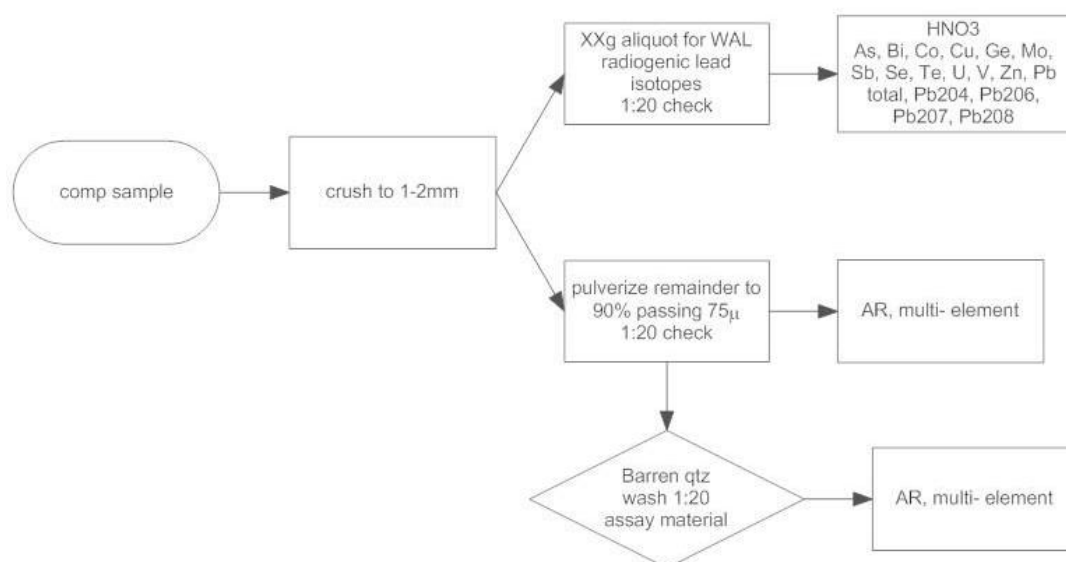
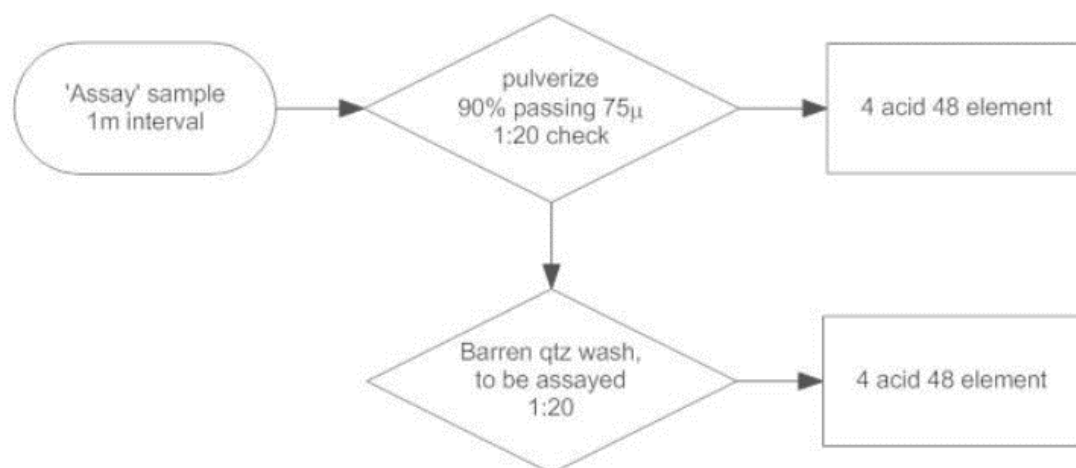
Sample Deliveries

DARWIN Laboratory

Contact: Janine Steven – Laboratory Manager

Address: 55 Export Drive, East Arm, NT 0822 Australia

Email: ntel@intertek.com and SPrep.Darwin@intertek.com





SAMPLE PREPARATION

DRILL CORE AND ROCK

DESCRIPTION	CODE	PRICE
Dry, crush ~2mm, split crushed sample for WAL leach, pulverise 300g up to 1000g, retain coarse reject	SP66	\$13.25

DESCRIPTION	CODE	PRICE
Dry, crush ~10mm, pulverise up to 300g	SP11	\$4.75
Dry, crush ~10mm, pulverise 300g up to 1.2kg	SP12	\$6.75
Dry, crush ~10mm, pulverise 1.2kg up to 3kg	SP13	\$9.00
Additional wt>3kg: dry, crush ~2mm, split, pulverise up to 3kg, retain coarse reject	SP15	\$1.45kg

DESCRIPTION	CODE	PRICE
Quartz wash (retained)	QW02	\$4.60

DESCRIPTION	CODE	PRICE
Wet sieve to confirm sample preparation grind quality - passing 75µm	SV03	\$7.05
QA Crush passing nominal 2mm - Boyd Crusher	QACR02	\$5.05

Hazardous Samples

Handling of samples containing hazardous material requires special procedures and incurs additional charges. Please ensure that the sample submission is clearly marked, describing the category of hazard and clearly identify the samples that contain the hazard. A dangerous goods form is available to download from our website www.intertek.com/minerals which should accompany such samples. We appreciate that at times it may be difficult to identify a hazard but please err on the side of caution.

DESCRIPTION	CODE	PRICE
Naturally Occurring Radioactive Material (NORM) requiring preparation	RM02	\$1.00/sample

By regulation all radioactive material must be returned to the client. This will be at the client's expense.

ANALYTICAL SCHEMES

FOUR ACID 48 ELEMENT LOW S PACKAGE

ELEMENT	RANGE PPM	FINISH	ELEMENT	RANGE PPM	FINISH	ELEMENT	RANGE PPM	FINISH
Ag	0.05 - 500	MS	Hf	0.05 - 2000	MS	Sb	0.05 - 1%	MS
Al	50 - 15%	OES	In	0.01 - 2000	MS	Sc	0.1 - 5000	MS
As	0.5 - 1%	MS	K	20 - 10%	OES	Se	0.5 - 1%	MS
Ba	0.1 - 5000	MS	La	0.01 - 5000	MS	Sn	0.1 - 2000	MS
Be	0.05 - 2000	MS	Li	0.1 - 5000	MS	Sr	0.05 - 1%	MS
Bi	0.01 - 1%	MS	Mg	20 - 40%	OES	Ta	0.01 - 2000	MS
Ca	50 - 40%	OES	Mn	1 - 5%	OES	Te	0.2 - 2000	MS
Cd	0.02 - 2000	MS	Mo	0.1 - 1%	MS	Th	0.01 - 5000	MS
Ce	0.01 - 1%	MS	Na	20 - 10%	OES	Ti	5 - 2%	OES
Co	0.1 - 2%	MS	Nb	0.05 - 2000	MS	Tl	0.02 - 2000	MS
Cr	1 - 2%	OES	Ni	0.5 - 2%	MS	U	0.01 - 1%	MS
Cs	0.05 - 2000	MS	P	50 - 5%	OES	V	1 - 2%	OES
Cu	0.5 - 2%	MS	Pb	0.5 - 1%	MS	W	0.1 - 2000	MS
Fe	100 - 50%	OES	Rb	0.05 - 2000	MS	Y	0.05 - 2000	MS
Ga	0.05 - 2000	MS	Re	0.002 - 2000	MS	Zn	1 - 2%	MS
			S	50 - 10%	OES	Zr	0.1 - 2000	MS

DESCRIPTION	CODE	PRICE
Four Acid package	G4I/M	\$32.00



AQUA REGIA DIGESTION MULTI-ELEMENTS

ELEMENT	RANGE PPM	FINISH	ELEMENT	RANGE PPM	FINISH	ELEMENT	RANGE PPM	FINISH
Au	0.1ppb - 2	MS	Hf	0.01 - 1000	MS	S	500 - 5%	MS
Ag	0.02 - 250	MS	Hg	0.01 - 100	MS	Sb	0.02 - 5000	MS
Al	0.005% - 10 %	MS	In	0.01 - 1000	MS	Sc	0.02 - 2500	MS
As	0.05 - 5000	MS	K	0.001 % - 5%	MS	Se	0.05 - 5000	MS
B	5 - 1%	MS	La	0.002 - 2500	MS	Sn	0.05 - 1000	MS
Ba	0.05 - 2000	MS	Li	0.05 - 2500	MS	Sr	0.05 - 5000	MS
Be	0.02 - 1000	MS	Mg	0.001 % - 20 %	MS	Ta	0.01 - 1000	MS
Bi	0.02 - 5000	MS	Mn	0.2 - 2%	MS	Te	0.02 - 1000	MS
Ca	0.005% - 40 %	MS	Mo	0.02 - 5000	MS	Th	0.005 - 2500	MS
Cd	0.005 - 1000	MS	Na	0.001% - 5 %	MS	Ti	5 - 1%	MS
Ce	0.002 - 5000	MS	Nb	0.05 - 1000	MS	Tl	0.01 - 1000	MS
Co	0.01 - 1%	MS	Ni	0.1 - 2%	MS	U	0.005 - 5000	MS
Cr	0.2 - 2%	MS	P	10 - 2%	MS	V	0.5 - 1%	MS
Cs	0.01 - 1000	MS	Pb	0.2 - 5000	MS	W	0.02 - 1000	MS
Cu	0.05 - 2%	MS	Pd	1ppb - 500ppb	MS	Y	0.01-2000	MS
Fe	0.001% - 50 %	MS	Pt	1ppb - 500ppb	MS	Zn	0.2 - 2%	MS
Ga	0.1 - 1000	MS	Rb	0.02-1000	MS	Zr	0.05 - 1000	MS
Eu	0.01-200	MS	Re	0.001-500	MS	Nd	0.01-500	MS
DESCRIPTION							CODE	PRICE
Aqua regia digestion 0.5g							AR05/IM	\$30.00

WEAK ACID LEACH

Dilute HNO₃ Weak Acid Leach is designed to extract minerals occurring at grain boundaries. It is designed to be qualitative and is targeted at samples which have only small amounts of mineralisation.

WAL HNO₃ PERFORMED ON ~1-2MM CRUSHED MATERIAL

ELEMENT	DL PPM	FINISH	ELEMENT	DL PPM	FINISH	ELEMENT	DL PPM	FINISH
As	5	ICPMS	Pb total	0.01	ICPMS	Se	15	ICPMS
Bi	2	ICPMS	Pb204	0.01	ICPMS	Te	15	ICPMS
Co	2	ICPMS	Pb206	0.01	ICPMS	U	15	ICPMS
Cu	2	ICPMS	Pb207	0.01	ICPMS	V	5	ICPMS
Ge	4	ICPMS	Pb208	0.01	ICPMS	Zn	15	ICPMS
Mo	2	ICPMS	Sb	5	ICPMS			
DESCRIPTION						CODE	PRICE	
G9RC6M- WAL HNO ₃ performed on ~1-2mm crushed material						G9RC6M	\$21.50	

*Pb Isotopes will be reported to the second decimal place only

ZIRCONIUM CRUCIBLE FUSION INDIVIDUAL ELEMENTS BY OES & MS

SUITABLE FOR MAJORS, BORON AND BASE METALS

ELEMENT	RANGE PPM	FINISH	ELEMENT	RANGE PPM	FINISH	ELEMENT	RANGE PPM	FINISH
Al	100 - 50%	OES	Ga	1 - 5%	MS	Sb	0.5 - 10%	MS
As	50 - 20%	OES	Ge	1 - 0.1%	MS	Sc	10 - 5%	OES
As	20 - 20%	MS	In	0.1 - 5%	MS	Se	20 - 2%	MS
B	50 - 10%	OES	K	500 - 20%	OES	Si	0.1% - 50%	OES
Ba	10 - 2%	OES	Li	1 - 20%	MS	Sn	100 - 50%	MS
Ba	1 - 2%	MS	Mg	100 - 60%	OES	Sr	20 - 20%	MS
Be	1 - 2%	MS	Mn	20 - 75%	OES	Ta	0.1 - 50%	MS
Bi	0.1 -10%	MS	Mo	20 -10%	OES	Te	2 - 2%	MS
Ca	0.1% - 70%	OES	Mo	1 - 10%	MS	Th	0.1 - 2%	MS
Cd	10 - 5%	MS	Nb	2 - 30%	MS	Ti	100 - 60%	OES
Co	20 - 20%	OES	Ni	20 - 70%	OES	Tl	0.5 - 2%	MS
Co	1 - 20%	MS	Pb	50 - 70%	OES	U	0.1 - 60%	MS
Cr	50 - 40%	OES	Pb	20 - 70%	MS	V	20 - 20%	OES



Cs	0.1 - 1%	MS	Rb	0.5 - 5%	MS	W	1 - 50%	MS
Cu	20 - 70%	OES	Re	0.1 - 1%	MS	Y	0.5 - 50%	MS
Fe	100 - 75%	OES	S	500 - 60%	OES	Zn	20 - 70%	OES
DESCRIPTION							CODE	PRICE
Sodium peroxide fusion Zr crucible / ICP first element							FP1/OM	\$18.90
/ secondary instrument first element								\$7.20
/ per additional element								\$0.90

TL8 PACKAGE

ELEMENT	DL PPB	FINISH	ELEMENT	DL PPB	FINISH	ELEMENT	DL PPB	FINISH
Ag	0.2	MS	La	0.5	MS	Sn	2	MS
As	2	MS	Mo	1	MS	Th	0.1	MS
Au	0.05	MS	Ni	0.02ppm	MS	U	0.1	MS
Bi	0.5	MS	Pb	0.02ppm	MS	W	10	MS
Cd	0.5	MS	Pd	1	MS	Zn	0.2ppm	MS
Co	2	MS	Pt	0.2	MS			
Cu	0.02ppm	MS	Sb	1	MS			
DESCRIPTION						CODE	PRICE	
TL8 Package						TL8/MS19	\$30.80	

LEGEND

Complete recovery for most samples	Near complete recovery for most samples	Not complete recovery
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ENVIRONMENTAL WASTE DISPOSAL LEVY

DESCRIPTION	CODE	PRICE
Environmental waste disposal levy	WL	\$0.80

SAMPLE STORAGE

DESCRIPTION	CODE	PRICE
Storage of bulk or pulp samples calculated daily after 60 days	ST10	\$4.15/m ³
Bulk disposal of samples	ST20	\$175.00/m ³
Bulk disposal of hazardous materials		POA
Expenses related to the return of samples	ST30	At cost
Retrieval of selected samples from storage	ST40	\$90.00/hr

RESULTS TURNAROUND

Samples will be batched into jobs of approximately 80-100 samples. Laboratory capacity is currently 400 samples per week. Results turnaround for the first batch/job is estimated to be within 21 business days from receipt of samples at Intertek's Darwin Laboratory with additional batches reported at 400 samples per following weeks.

Every effort by Intertek will be made to commit to the above results turnaround estimate. At times there may be reasons beyond the laboratories control that could impact provided estimates. Where this occurs Intertek will contact submitting company and advise on revised results turnaround estimate

Intertek understands the importance of providing high quality analytical data within the strict time frames, however to ensure turnaround is maintained the following parameters should be considered: -

- Where possible sample weights submitted are $\leq 3\text{kg}$
- Samples will not be excessively wet, requiring extended drying times. Where this is evident Intertek will notify submitting company immediately and a revised turnaround time for the specific sample submission will be provided.
- Note that sample preparation pricing and turnaround commitments is based on the routine 5-minute grind time as part of delivering Intertek's required quality specification of P85 75um. If under routine operating conditions submitted sample media fails grind quality parameters, Intertek will conduct test work to establish extended grind time required to achieve P85 75%, with all data and test work provided to client. Additional costs may apply should additional grind time be required for hard material
- More frequent sample pickups or consistent deliveries is recommended for large programs to streamline laboratory operations resulting in reduced and reliable turnaround times

Elements where the concentration exceeds the upper limit will be re-digested by the appropriate analytical method which will incur additional charges. If you do not require over-range analysis or only target elements require re-analysis please advise us. The lower and upper limits for each element shown in the tables are a guide to the ranges that can be routinely measured, however these may vary in some cases as a result of the sample matrix.

QA/QC

At Intertek we take quality seriously. Our quality program includes reference materials which should ideally be grade and matrix matched as far as possible. We have a diverse number of reference materials at our disposal which can be used in the QC program. To ensure that the data are traceable to appropriate reference materials, please tell us something about the samples. This could include the principal elements of interest, the expected grades and the type of mineralisation expected (if any). For example "sandstone hosted uranium with grades up to 1000ppm uranium" will ensure that grade appropriate matrix matched U-Mo-As reference materials are selected. Another example may include "unmineralised soil looking for possible Pb, As contamination" will ensure that low grade soil standard are included in the job.



Certified Reference Materials and/or in-house controls, blanks and replicates are analysed with each batch of samples. These quality control results are reported along with the sample values in the final report. Prices include the reporting of all QC data except where more than 10% repeats are considered necessary in cases such as poor reproducibility due to particulate gold, in which case additional repeats may be charged for.

REPORTING

All final results will be delivered to the designated recipients via email, unless a hard copy report is specifically requested. Invoices will also be delivered electronically to a nominated representative in PDF format which can be printed from this file if required.

SAMPLE STORAGE

All solid samples (assay pulps, bulk pulps, and residues) will be stored without charge for 60 days after completion of analysis. After this time all samples will be stored at a daily rate of \$4.15/m³ until the client's written advice regarding return, collection or disposal is received. Current disposal costs are \$175.00/m³.

TERMS AND CONDITIONS

Intertek Terms and Conditions of business apply, a copy of which is available online at [intertek.com](https://www.intertek.com) or in our Schedule of Services & Charges or will be supplied upon request. Acceptance of this quotation or submission of samples under this quotation implies acceptance of these terms and conditions unless advised otherwise in writing.

Intertek Genalysis does not charge an administration or batch fee, however there is a minimum invoice charge of \$253.00 for routine geochemistry and \$303.60 for all other work. All the prices in this quote are calculated on the basis of multiple samples rather than single sample batches; consequently, single sample jobs will be invoiced at triple rates and submissions of 2 samples will carry a 50% surcharge.