

30 January 2013



Quarterly Report to 31 December 2012

➤ Dubbo Zirconia Project (DZP)

- Further improvements made to the process through continued work on the demonstration pilot plant at ANSTO
- Credit Suisse (Australia) Limited, Sumitomo Mitsui Banking Corporation and Petra Capita Pty Limited appointed to assist with Project financing
- Discussions to enhance the relationship with the leading international chemical company and trading company by changing focus to the supply of higher value zirconium chemicals and zirconia to replace the ZOC MoU
- New zirconia product development facility to be established in Perth
- Due to ongoing process improvements, including water recycling, the Environmental Impact Statement completion has been extended to the end of March
- The updated Definitive Feasibility Study to be completed in the March Quarter

➤ Tomingley Gold Project (TGP)

- The construction Environmental Protection Licence approved but the Mining Lease grant still awaited
- Water pipeline construction and other site infrastructure underway
- RC drilling at Caloma Two intersects significant gold mineralisation such as:
 - PE 771 18 metres grading 3.18g/t gold from 45 metres
Including 9 metres grading 5.52g/t gold from 57 metres
 - PE 774 21 metres grading 3.77g/t gold from 120 metres
 - PE 788 70 metres grading 1.89g/t gold from 176 metres
Including 42 metres grading 2.44g/t gold from 204 metres
- Detailed design advanced and long lead capital acquisitions continue

➤ Corporate

- TGP Operations Manager and Alkane Chief Financial Officer appointments
- Completion of sale of LFB Resources NL and Orange District Exploration JV interest

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DUBBO ZIRCONIA PROJECT (DZP) – zirconium, niobium, yttrium, rare earth elements

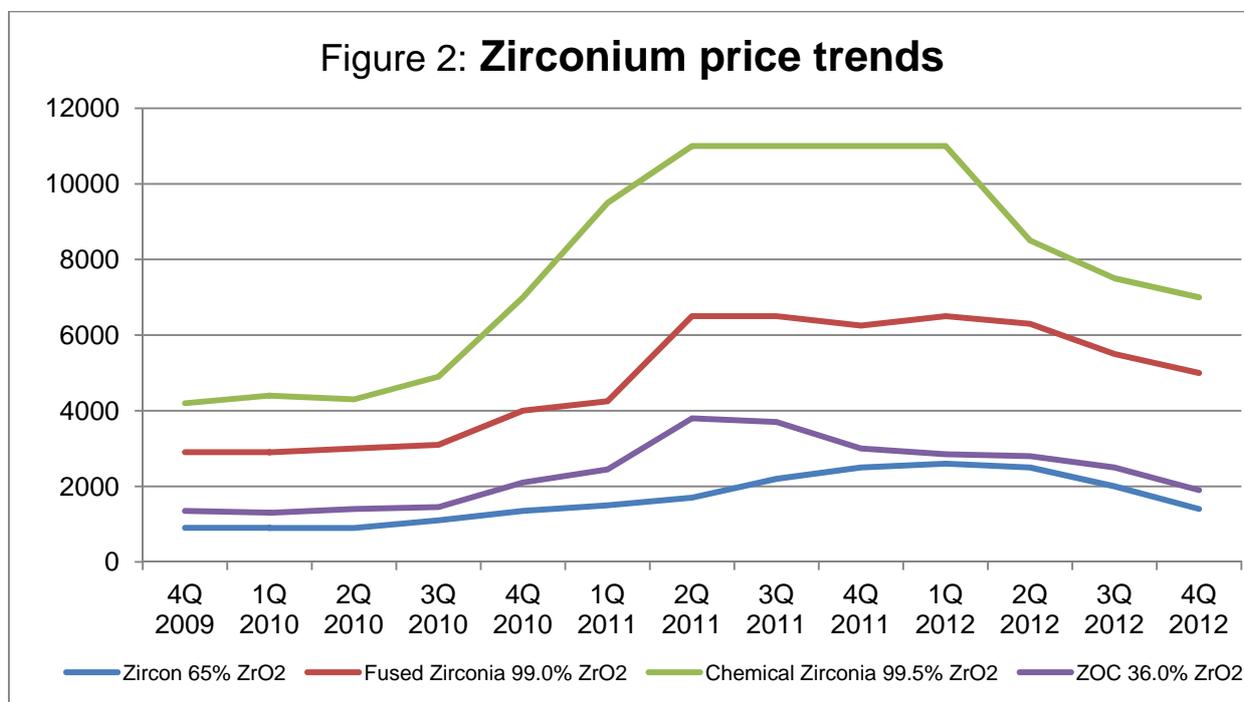
Australian Zirconia Ltd (AZL) 100%

The Dubbo Zirconia Project (DZP) is located in the Central West Region of New South Wales, 30 kilometres south of the city of Dubbo (Figure 1). The DZP is based upon a large in-ground resource of the metals zirconium, hafnium, niobium, tantalum, yttrium, and rare earth elements. Over several years the Company has developed a flow sheet consisting of sulphuric acid leach followed by solvent extraction recovery and refining to generate a suite of saleable products.

Operation of the demonstration pilot plant (DPP) at ANSTO continued with the focus on improving heavy rare earth (HREE) recoveries and water recycling.

Market Developments – Zirconium

As reported in the September 2012 Quarterly Report, the zircon - zirconium industry remains weak due to ongoing world financial uncertainty. The dominant Chinese zirconium oxychloride (ZOC) market remains depressed and ZOC prices are close to those of its production precursor, zircon (Figure 2 and Table 2).



Source:TCMS

AZL believes that the zircon price and zirconium chemical prices will improve during 2013, but the concept of producing ZOC from the DZP does not maximise the financial return to the Project. As a result the MoU advised in May 2011 to produce ZOC with a leading international chemical company and trading company was allowed to expire at 31 December 2012. The chemical company has advised that it wishes to enhance its relationship with AZL as a supplier of zirconium products from the DZP and to partner the Company in the development of higher value products from the zirconium chemicals to be produced by the DZP so it is independent of zircon or baddeleyite (a naturally occurring ZrO₂ mineral, currently produced in Russia) supply.

As a separate project initiated by AZL, a zirconia (ZrO₂) development facility is being established in Perth at TZ Minerals International Pty Ltd's wholly owned AML laboratory in Osborne Park. The AZL facility will establish manufacturing pathways and produce a number of samples for customers to evaluate. Key objectives and outcomes will be as follows:

- 1) Produce samples for major applications, and customers via product and process development
- 2) Understand and control material characteristics
- 3) Translate the outcomes of the ANSTO technical studies into commercial processes.



- 4) Develop low cost production processes for DZP manufacture.

Priority applications being considered for zirconia powders and granules in priority (based on volume potential) are as follows:

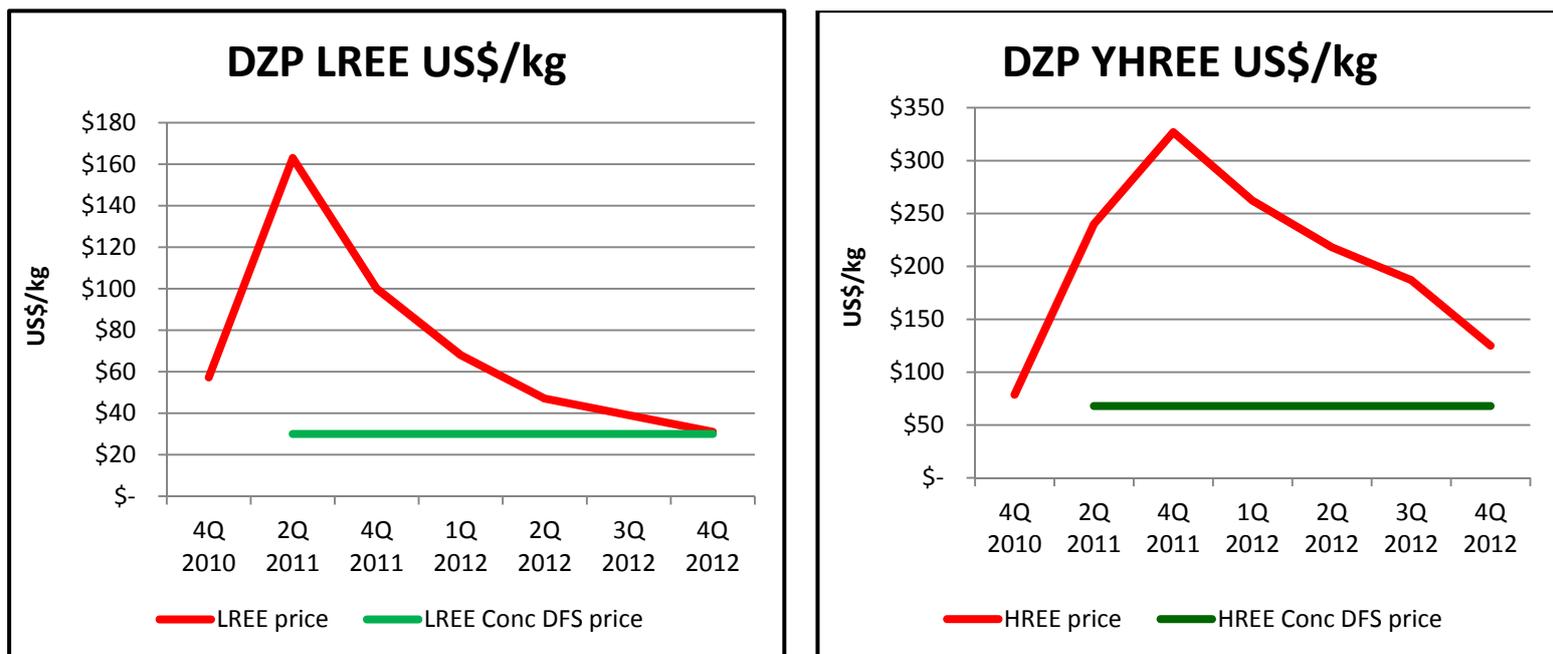
- 1) Ceramic colours – fine powders
- 2) Glass and Steel Refractories - granules
- 3) Grinding Media, Wear Material and Abrasives – powders and granules
- 4) Zirconium metal – coarse powders
- 5) Optical glass and cubic zirconia

AZL will continue the MoU relationship with Mintech Chemical Industries Pty Ltd, based in East Rockingham WA, to provide zirconium hydroxide (ZOH) rather than ZOC to meet Mintech's local demand, and will also continue the MoU with the European manufacturing and trading company to enter into a joint venture to market zirconium products in Europe, North America, and other defined markets.

Market Developments – Rare Earth Elements (REE)

Although prices for rare earths continued to weaken during the Quarter there is some evidence that the steep falls are slowing and that prices will flatten (Figure 3, Table 3). The price of some light rare earths, such as Lanthanum and Cerium, is close to their estimated cost of production.

Figure 3 Rare earth prices to Q4 2012



The graphs demonstrate the relative value of the DZP light rare earth (LREE) concentrate and yttrium heavy rare earth (YHREE) concentrate as separated REOs, compared to the price used in the 2011 DFS base case.

These DFS prices do not reflect the returns anticipated by the toll treatment joint venture with Shin-Etsu that will enable the Company to produce the full suite of high purity separated REOs (ASX Announcement 1 August 2012). Technical discussions with Shin-Etsu Chemical have commenced to determine the optimal recoveries for all the rare earths and to develop a complete rare earth separation strategy.

Market Developments – Niobium

The market for niobium pentoxide (Nb₂O₅) and ferro-niobium (FeNb) remains stable and prices for the main traded product, FeNb, are US\$40 - \$45/kg. AZL is working with its MoU partner (ASX



Announcement 26 October 2011) to develop a market acceptable FeNb product and is anticipating converting the MoU to an off-take / joint venture agreement in Q1 2013.

Environmental Impact Statement (EIS)

The DZP has been classified by the NSW Department of Planning and Infrastructure (DP&I) as a State Significant Project. The EIS is being managed by regional NSW environment specialists, R W Corkery & Co with input from 11 specialist consultants. Much of the base line work has been completed and is in the process of being compiled into the study document to be submitted to the DP&I.

Due to changes in the process flow sheet, and particularly with heavy rare earth recovery, water recycling and waste management, the EIS timetable has pushed out by a couple of months and is currently scheduled for completion by the end of the March Quarter 2013.

Definitive Feasibility Study (DFS)

The DFS and process development have been managed by TZ Minerals International Pty Ltd (TZMI) since the inception of the Project in 1999. TZMI has input from external engineering companies and transport logistics specialists to develop the capital and operating costs for the Project. TZMI is also working with the environmental consultants to ensure the site and operations have minimal impact on the existing environment.

While process development will continue, particularly with the REE recovery circuits and water recycling, TZMI has updated capital and operating costs for the 1Mtpa operation and the current assessment should be available by the end of the March Quarter 2013.

Infrastructure

AZL has secured Call and/or Put Options covering several properties within and adjacent to the project site that will cater for all site infrastructure, including residue storage facilities. A water licence acquisition program is underway to provide all requirements for the DZP.

A site access study via road or rail, or more likely a combination of both is well advanced and will be incorporated into the EIS and DFS. Power line options are also being considered but an off-take point from the state grid near Geurie, 25km to the east of the plant site (Figure 1), is considered most likely.

While the Company has identified a potentially large limestone resource near Geurie which should be suitable for the waste stream neutralisation at the processing plant, other existing limestone production sources are being considered.

Schedule

The NSW state approvals process remains of concern to the project timetable and while AZL believes that the Project should not generate any unacceptable environmental risk, the schedule is dependent upon timely review by government departments, local government and stakeholders in the region. AZL believes that the process should take less than 12 months and combined with the funding program underway (ASX Announcement 25 October 2012) construction could commence late 2013. This timetable would enable first production early 2016.

TOMINGLEY GOLD PROJECT (TGP) - gold

Tomingley Gold Operations Pty Ltd (TGO) 100%

The TGP is based on three gold deposits (Wyoming One, Wyoming Three and Caloma) located 14 kilometres north of the Company's Peak Hill Gold Mine, and approximately 50 kilometres south west of Dubbo (Figures 1 & 4). A Definitive Feasibility Study (DFS) was completed late 2010 (*ASX Report dated 13 December 2010*).



Development

The Project's Environment Protection Licence for construction activities was received from the EPA on 23 October 2012, but grant of the Mining Lease from the NSW Office of Resources and Energy is required before site development can commence.

Other activities not reliant on the ML grant are continuing. These include construction of the water pipeline from the production bore near Narromine to the mine site which is well advanced, and the site access road. Much of the Ball Mill has also been delivered. Detailed plant design is advanced and nearing completion.



Water production bore and switch footings



Water pipeline



Alkane Board and senior management viewing ball mill onsite at Tomingley



Site access road and temporary storage shed

Alkane is advancing a project financing facility with Credit Suisse and should have any arrangements finalised by the end of February. The finance mandate comprised a Project Loan Facility of up to A\$45 million and a Gold Hedging Facility of up to 163,000 ounces. In 2011 the Company entered into an initial 90,000 ounce gold forward sale that will underwrite a minimum price of approximately A\$1,600 per ounce for the first two and a half years of production from the Project.

Resource Development

A major RC drilling program commenced at Caloma Two to define the resource potential and 50 RC holes totalling 7,598 metres had been completed by the end of the Quarter.

As reported (ASX 26 November 2012) results for the first 30 holes returned several significant intercepts:

- **PE 771** **18 metres grading 3.18g/t gold from 45 metres**
Including **9 metres grading 5.52g/t gold from 57 metres**



- PE 774 21 metres grading 3.77g/t gold from 120 metres
- PE 776 9 metres grading 3.86g/t gold from 51 metres
- PE 782 10 metres grading 3.79g/t gold from 130 metres
- PE 783 6 metres grading 4.78g/t gold from 150 metres
- PE 786 5 metres grading 7.11g/t gold from 47 metres
- PE 788 70 metres grading 1.89g/t gold from 176 metres
Including 42 metres grading 2.44g/t gold from 204 metres
- PE 793 3 metres grading 12.05g/t gold from 30 metres

The Caloma Two mineralisation is located within the feldspar porphyry sub-volcanic intrusive which hosts the Caloma and Wyoming deposits.

The drilling has continued to advance the geological interpretation and currently gold mineralisation appears to be associated with quartz-sulphide veins within a near vertical 100 metre wide east-west structural corridor that cuts across the north-south trending porphyry. The quartz veins pinch and swell both down dip and along strike and can range from very narrow intervals up to zones in excess of 20 metres in width. Very broad zones of mineralisation are observed where cross linking vein structures appear to be flat to shallow north dipping and where the veins intersect bands of siltstone within the porphyry body.

Mineralisation has previously been confirmed over a 300 metre strike length (Figure 5) but it is possible that it will extend an additional 150 metres east to the eastern contact of the porphyry host.

Further RC and core drilling is in progress to complete the detailed testing of the target zone to enable resource estimation and incorporation into the development schedule. This drilling is scheduled for completion in the first quarter of 2013.

BODANGORA (copper-gold)

Alkane Resources Ltd 100%;

A program of RC scout drilling was completed at the Glen Hollow and Haddington Prospects within the Bodangora Project in November. The drilling program comprised 12 holes totalling 1,858 metres and tested a range of targets including a quartz+sericite+pyrite alteration zone south of Glen Hollow and the down dip extensions of the Haddington magnetite skarn (Figure 7). Assay results were generally low; however the drilling has provided important geological controls for focusing further exploration activity.

During the Quarter Alkane exercised its pre-emptive right to acquire the 3% net smelter royalty and project claw-back provisions held by Rio Tinto Exploration Pty Limited on the **BODANGORA** and **CUDAL** tenements. The royalty and claw-back were acquired for US\$50,000 and free up the tenements for any future developments.

WELLINGTON (copper-gold), CUDAL (gold-zinc) and CALULA (base metals-gold) were inactive.

LEINSTER REGION JOINT VENTURE (nickel-gold)

*Alkane Resources Ltd 20% diluting, Xstrata Nickel Australasia 80% The three prospects - **Leinster Downs, Miranda and McDonough Lookout*** Xstrata have not advised any activities for the Quarter to date.

CORPORATE

The Company strengthened its operations team during the Quarter with the appointment of Mr Sean Buxton as the TGP Operations Manager and Mr Michael Ball as Chief Financial Officer.

During the quarter the sale to Regis Resources Limited of the Company's subsidiary, LFB Resources NL, and its interest in the Orange District Exploration Joint Venture was completed with the Company receiving 17.5m Regis shares with a market value of \$94.7M on completion date.



Competent Person

Unless otherwise advised above, the information in this report that relates to exploration results, mineral resources and ore reserves is based on information compiled by Mr D I Chalmers, FAusIMM, FAIG, (director of the Company) who has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2004 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Ian Chalmers consents to the inclusion in this report of the matters based on his information in the form and context in which it appears

Disclaimer

This report contains certain forward looking statements and forecasts, including possible or assumed reserves and resources, production levels and rates, costs, prices, future performance or potential growth of Alkane Resources Ltd, industry growth or other trend projections. Such statements are not a guarantee of future performance and involve unknown risks and uncertainties, as well as other factors which are beyond the control of Alkane Resources Ltd. Actual results and developments may differ materially from those expressed or implied by these forward looking statements depending on a variety of factors. Nothing in this report should be construed as either an offer to sell or a solicitation of an offer to buy or sell securities.

This document has been prepared in accordance with the requirements of Australian securities laws, which may differ from the requirements of United States and other country securities laws. Unless otherwise indicated, all ore reserve and mineral resource estimates included or incorporated by reference in this document have been, and will be, prepared in accordance with the JORC classification system of the Australasian Institute of Mining, and Metallurgy and Australian Institute of Geosciences.

ABOUT ALKANE - www.alkane.com.au - ASX: ALK and OTCQX: ANLKY

Alkane is a multi commodity company focused in the Central West region of NSW Australia. Currently Alkane has two projects heading towards production in 2013/2015 - the Tomingley Gold Project (TGP) and the nearby Dubbo Zirconia Project (DZP). Tomingley recently received project approval for its development. Cash flow from the TGP will provide the funding to maintain the project development pipeline and will contribute to development of the DZP.

The DZP revised feasibility study and environmental impact statement are nearing completion and a development decision is anticipated late 2013. This project will make Alkane a strategic and significant world producer of zirconium products and heavy rare earths.

Alkane's most advanced gold copper exploration projects are at the 100% Alkane owned Wellington and Bodangora prospects. Wellington has a small Cu-Au resource which can be expanded, while at Bodangora a large 12km² monzonite intrusive complex has been identified with porphyry style Cu-Au mineralisation.

Sale of Alkane's interest in the Orange District Exploration Joint Venture, host to the McPhillamys gold deposit, was completed in November 2012 with the issue of 17.5 million Regis Resources Ltd shares. These shares are currently valued at approximately A\$90 million.

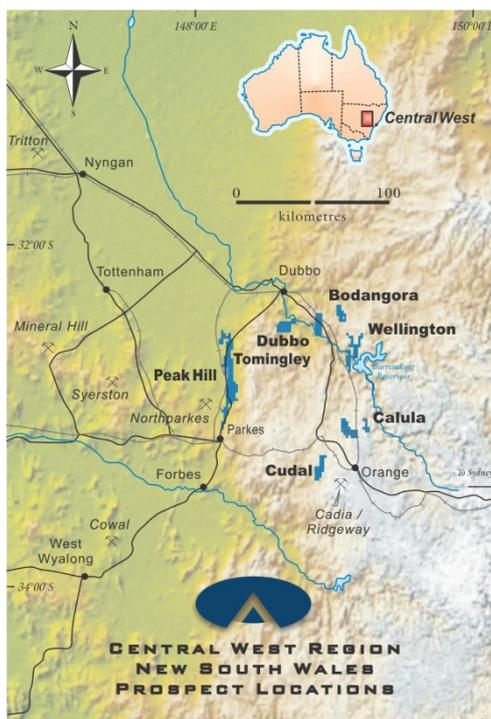




Table 2. Zirconium industry prices Q2 2010 to Q4 2012

PRODUCT	ZrO ₂	Q2 2010 US\$/T	Q2 2011 US\$/T	Q2 2012 US\$/T	Q4 2012 US\$/T
Zircon (producer/trader)	65%	\$900 - \$1,150	\$1,700 - \$2,750	\$2,300 - \$2,600	\$1,300 - 1,500
(100% ZrO ₂ basis)	100%	(\$1,380 - \$1,770)	(\$2,620 - \$4,230)	(\$3,540 - \$4,000)	(\$2,000 - \$2,300)
ZOC (zirconium oxychloride)	36%	\$1,350 - \$1,450	\$3,600 - \$4,000	\$2,700 - \$3,000	\$1,800 - \$2,000
(100% ZrO ₂ basis)	100%	(\$3,750 - \$4,030)	(\$10,000 - \$11,110)	(\$7,500 - \$8,330)	(\$5,000 - \$5,560)
ZBS (zirconium basic sulphate)	33%	\$1,770	\$6,000	\$3,200	\$2,700
(100% ZrO ₂ basis)	100%	\$5,360	\$18,180	\$9,700	\$8,180
ZBC (zirconium basic carbonate)	40%	\$2,100	\$5,400	\$4,200	\$3,000
(100% ZrO ₂ basis)	100%	\$5,250	\$13,500	\$10,500	\$7,500
Fused Zirconia	98.50%	\$2,900 - \$3,100	\$6,000 - \$7,000	\$5,600 - \$7,000	\$4,000 - \$6,000
Chemical Zirconia	99.50%	\$4,200 - \$4,400	\$10,000 - \$12,000	\$8,000 - \$9,000	\$5,500 - \$7,000
Chemical Zirconia	99.90%	\$5,300 - \$5,500	\$12,000 - \$15,000	\$9,000 - \$10,000	\$6,500 - \$8,000

Source: TCMS

Table 3. Rare earth pricing Q2 2010 to Q4 2012

Rare Earths Prices (US\$/kg FOB China REO)						
Source: Metal Pages© Numbers have been rounded						
Light Rare Earth	DZP Distribution	Q2 2010 Average	Q2 2011 Average	Q4 2011 Average	Q2 2012 Average	Q4 2012 Average
Lanthanum Oxide	19.51%	\$7.13	\$138.00	\$64.00	\$23.00	\$12.50
Cerium Oxide	36.70%	\$5.58	\$138.00	\$56.00	\$24.00	\$14.00
Praseodymium Oxide	4.05%	\$30.60	\$215.00	\$204.00	\$118.00	\$85.00
Neodymium Oxide	14.12%	\$31.13	\$253.00	\$235.00	\$116.00	\$85.00
Samarium Oxide	2.20%	\$4.50	\$120.00	\$92.00	\$82.00	\$30.00
Heavy Rare Earth						
Europium Oxide	0.07%	\$521.67	\$1867.00	\$3783.00	\$2365.00	\$1,800.00
Gadolinium Oxide	2.15%	\$8.25	\$167.00	\$135.00	\$103.00	\$70.00
Terbium Oxide	0.34%	\$545.00	\$1767.00	\$2938.00	\$1982.00	\$1,400.00
Dysprosium Oxide	2.05%	\$196.67	\$983.00	\$1973.00	\$1072.00	\$675.00
Ho, Er, Tm, Yb, Lu	2.89%					
Yttrium Oxide	15.84%	\$11.42	\$158.00	\$128.00	\$116.00	\$50.00
DZP LREE	76.68%	\$12.06	\$163.00	\$100.00	\$47.00	\$31.00
DZP YHREE	23.32%	\$42.23	\$240.00	\$327.00	\$218.00	\$125.00

Compiled by IMCOA

These prices are for individual separated rare earth oxides at 99% purity. The prices quoted above are averaged for the full quarter. Actual value for DZP output will depend on the final commercial terms of the MoU with Shin-Etsu Chemical.



Mineral Resource and Ore Reserve Statement December 2012

Dubbo Zirconia Project – Mineral Resources (2011)

Toongi Deposit	Tonnage (Mt)	ZrO ₂ (%)	HfO ₂ (%)	Nb ₂ O ₅ (%)	Ta ₂ O ₅ (%)	Y ₂ O ₃ (%)	REO (%)	U ₃ O ₈ (%)
Measured	35.70	1.96	0.04	0.46	0.03	0.14	0.75	0.014
Inferred	37.50	1.96	0.04	0.46	0.03	0.14	0.75	0.014
TOTAL	73.20	1.96	0.04	0.46	0.03	0.14	0.75	0.014

These Mineral Resources are based upon information compiled by Mr Terry Ransted MAusIMM (Alkane Chief Geologist) who is a competent person as defined in the 2004 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Terry Ransted consents to the inclusion in the report of the matters based on his information in the form and context in which it appears. The full details of methodology were given in the 2004 Annual Report.

Dubbo Zirconia Project – Ore Reserves (2012)

Toongi Deposit	Tonnage (Mt)	ZrO ₂ (%)	HfO ₂ (%)	Nb ₂ O ₅ (%)	Ta ₂ O ₅ (%)	Y ₂ O ₃ (%)	REO (%)
Proved	8.07	1.91	0.04	0.46	0.03	0.14	0.75
Probable	27.86	1.93	0.04	0.46	0.03	0.14	0.74
Total	35.93	1.93	0.04	0.46	0.03	0.14	0.74

These Ore Reserves are based upon information compiled by Mr Terry Ransted MAusIMM (Alkane Chief Geologist) who is a competent person as defined in the 2004 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. The reserves were calculated at a 1.5% combined ZrO₂+Nb₂O₅+Y₂O₃+REO cut off using costs and revenues defined in the notes in ASX Announcement of 16 November 2011. Terry Ransted consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Tomingley Gold Project – Mineral Resources (2012)

DEPOSIT	MEASURED		INDICATED		INFERRED		TOTAL		
	Tonnage (t)	Grade (g/t)	Tonnage (t)	Grade (g/t)	Tonnage (t)	Grade (g/t)	Tonnage (t)	Grade (g/t)	Gold (koz)
Top Cut 2.5x2.5x5.0m model									
Wyoming One	2,316,550	2.2	890,340	2.2	3,117,350	1.7	6,324,240	1.9	392.4
Wyoming Three	642,470	2.0	63,225	2.0	102,820	1.3	808,510	1.9	49.9
Caloma	2,690,530	2.3	567,860	2.1	2,194,490	1.9	5,452,870	2.1	369.4
Total	5,649,550	2.2	1,521,420	2.1	5,414,660	1.8	12,585,630	2.0	811.7

These Mineral Resources are based upon information compiled by Mr Richard Lewis FAusIMM (Lewis Mineral Resource Consulting Pty Ltd) who is a Competent Person as defined in the 2004 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code). Richard Lewis consents to the inclusion in the report of the matters based on his information in the form and context in which it appears. The full details of methodology are given in the ASX Report dated 25 March 2009 and 2 October 2010, and this announcement.

Tomingley Gold Project – Ore Reserves (2011)

DEPOSIT	PROVED		PROBABLE		TOTAL		
	Tonnage (t)	Grade (g/t)	Tonnage (t)	Grade (g/t)	Tonnage (t)	Grade (g/t)	Ounces (minable)
Wyoming One	1,700,000	1.6	200,000	1.3	1,900,000	1.6	94,500
Wyoming Three	500,000	1.6	0	0.0	500,000	1.6	28,100
Caloma	1,100,000	2.3	100,000	1.7	1,200,000	2.2	86,500
Total	3,300,000	1.8	300,000	1.5	3,600,000	1.8	209,100

These Ore Reserves are based upon information compiled under the guidance of Mr Dean Basile MAusIMM (Mining One Pty Ltd) who is a competent person as defined in the 2004 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. The Reserves and Resources are estimated at an effective A\$1,540 per ounce gold price. Dean Basile consents to the inclusion in the report of the matters based on the information in the form and context in which it appears. The Caloma reserves are based on the 2009 resources, not the updated resources.

Peak Hill Gold Mine – Mineral Resources (2011)

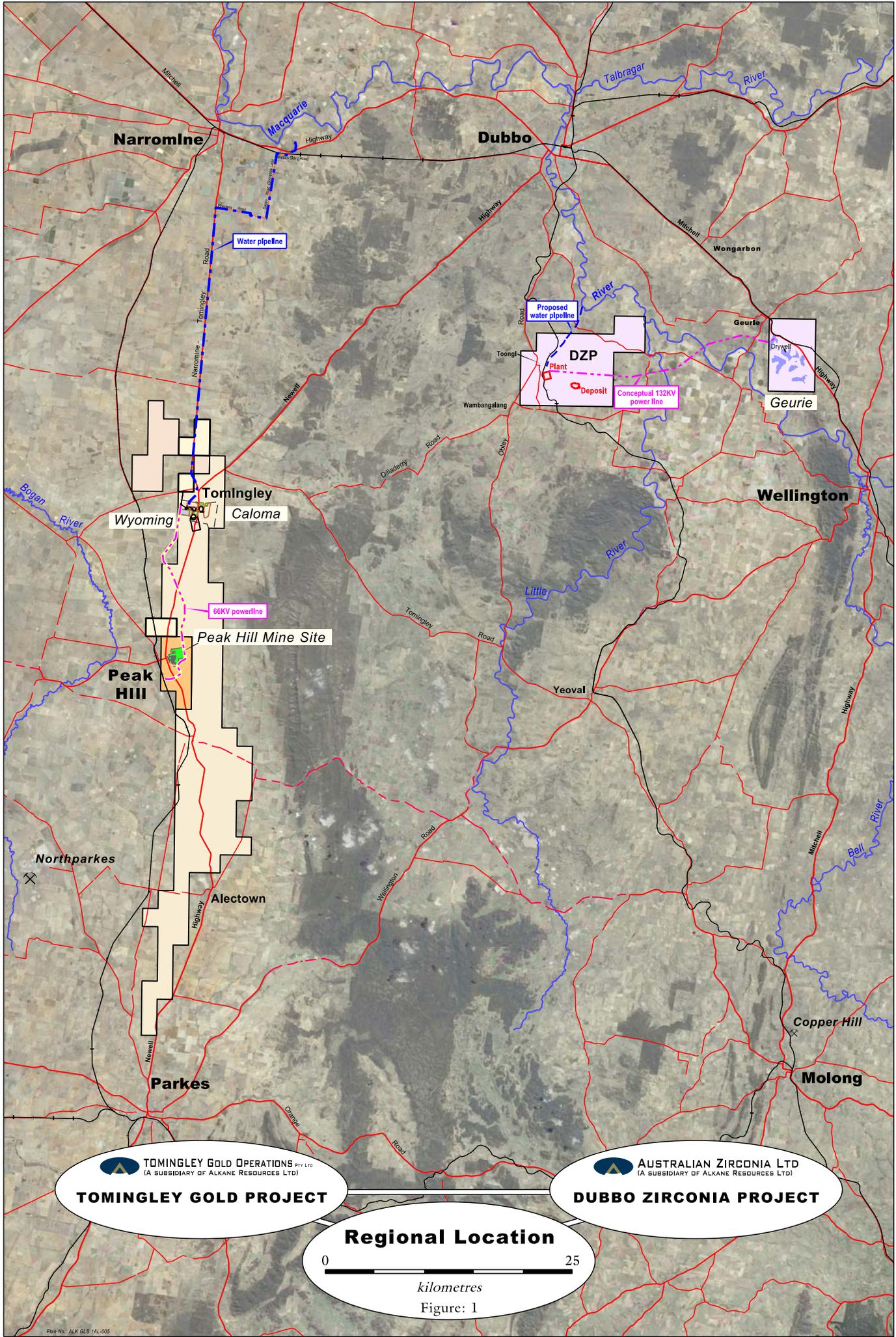
DEPOSIT	MEASURED		INDICATED		INFERRED		TOTAL		
	Tonnage (t)	Grade (g/t)	k oz						
0.5g/t gold cut off									
Proprietary			9,440,000	1.35	1,830,000	0.98	11,270,000	1.29	467.4
3.0g/t gold cut off									
Proprietary					810,000	4.40	810,000	4.40	114.6

These Mineral Resources are based upon information compiled by Mr Terry Ransted MAusIMM (Principal, Multi Metal Consultants Pty Ltd) who is a competent person as defined in the 2004 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Terry Ransted consents to the inclusion in the report of the matters based on his information in the form and context in which it appears. The full details of methodology were given in the 2004 Annual Report.

Wellington – Galwadgere – Mineral Resources (2011)

DEPOSIT	MEASURED		INDICATED	
	Tonnage (t)	Grade (% Cu)	Tonnage (t)	Grade (g/t)
0.5% Cu cut off				
Galwadgere	-	-	2,090,000	0.99

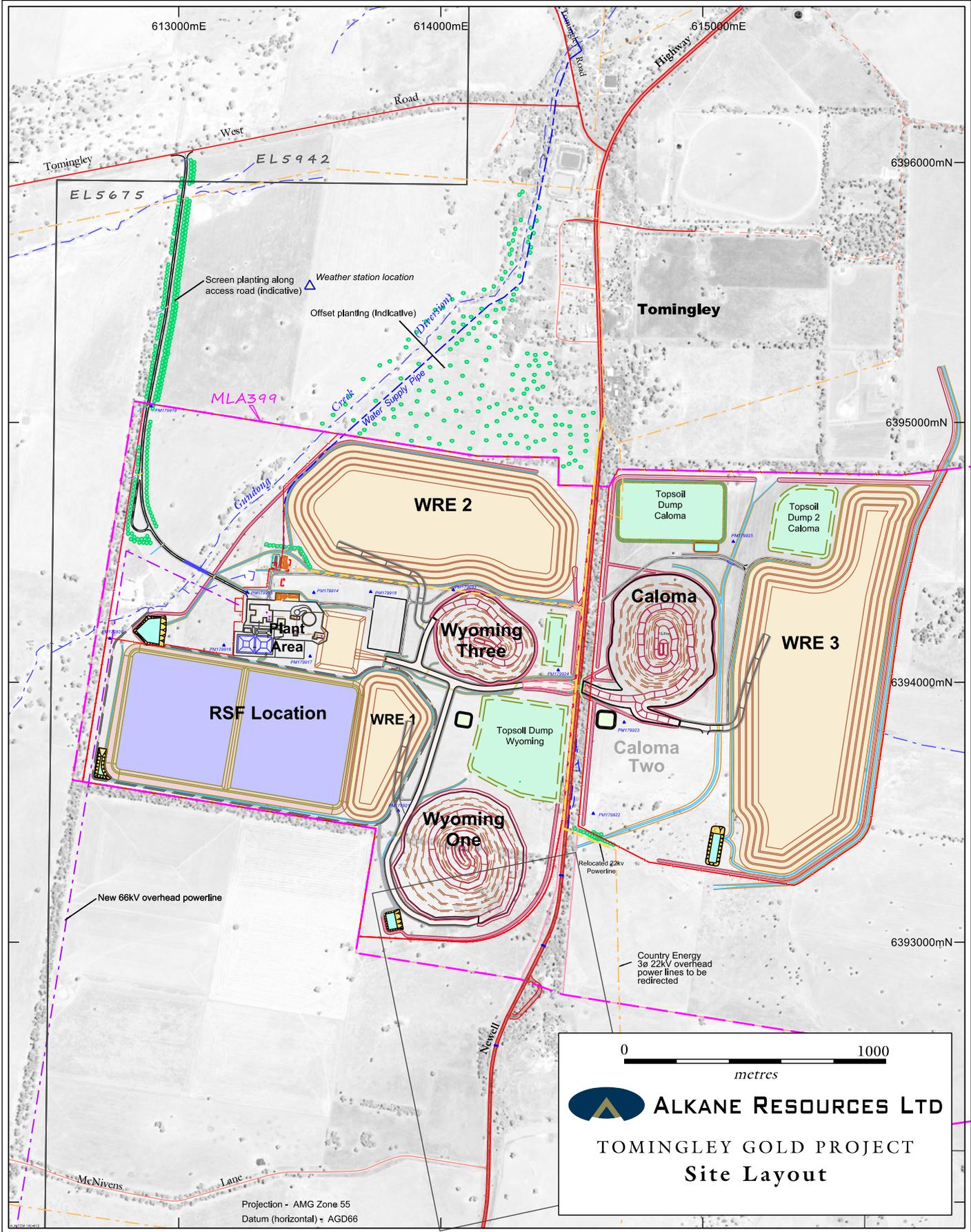
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TOMINGLEY GOLD OPERATIONS PTY LTD
(A SUBSIDIARY OF ALKANE RESOURCES LTD)
TOMINGLEY GOLD PROJECT


AUSTRALIAN ZIRCONIA LTD
(A SUBSIDIARY OF ALKANE RESOURCES LTD)
DUBBO ZIRCONIA PROJECT

Regional Location
 0 ————— 25
 kilometres
 Figure: 1



0 1000 metres

ALKANE RESOURCES LTD
TOMINGLEY GOLD PROJECT
Site Layout

Projection - AMG Zone 55
 Datum (horizontal) - AGD66

EL5675

Caloma Two

6393800mN

6393600mN

6393400mN | 614600mE

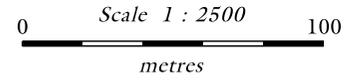
614800mE

615000mE

615200mE

Plan No.: ALK TOM 1HL-029

	Dolerite
	Pegmatite
	Cotton Formation siltstone
	Feldspar phyric porphyry
	Volcaniclastic sandstones, siltstones & minor conglomerates
	Andesite
	Mineralised zone
	Drill hole- Alkane 2012
	Drill hole- Alkane 2010 to 11



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**TOMINGLEY GOLD PROJECT
CALOMA TWO PROSPECT**

Drill Holes with Geology

Figure No.: 5

