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About Publication

Mining Zimbabwe is the Premier source of Zimbabwe Mining news. Our core focus is the Zimbabwe mining industry, trends, new technologies being developed and used to improve this crucial sector, as well as new opportunities and investments arising from it. Mining Zimbabwe sole purpose is growing and empowering the mining industry and highlighting all its challenges as well as putting forth expert solutions.







Services

CONTENT

Mining Zimbabwe Magazine | JULY Issue 2019



Cover ZimDrill and Blast Inside Cover Curechem Back Cover Viking Back Inside Paragon

3	BSDS	27	Manganese Crush tech
4	Nicnel	21	systems
			•
7	J & P Security	28	National tyre services
10	R Davis and Co	29	Boltgas
11	Zimoco	30	BELL
12	Marjen	32	STC Chemicals
13	Tandamanzi	33	Cobtrade Investments
14	CFAO	34	Geoglobal
15	Natural Air		Environmental
16	G and T Scale		Solutions
17	Harare Quarry	35	Mirgod
19	Brown Engineering	36	Masca Medical aid
20	Viking		society
22	Global BP	37	Croco Motors
23	NMB Bank Limited		
24	Speed Link cargo		
25	Pelgin Consultancy		

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D. R Mapuranga

Welcome once again to your favourite business to business Mining magazine, the daily bread of Mining Professionals in Zimbabwe.

This magazine like the renowned motivational speaker Garrison Keillor said, is a gift you can "Open again and again" because it is filled with everything you so desire to know about the mining sector. It is enchanting to those who are/ would want to venture into the mining sector.

Satisfaction comes in different ways, Mining Zimbabwe at this time of the year is committed to gratify every miner's appetite by bringing all service providers on board who offer affordable, quality and reliable services to this most treasured sector in Zimbabwe.

For this Mine Entra edition, Mining Zimbabwe has invited all smart companies in the mining industry to rub shoulders with smart people in Zimbabwe (our audience) in order to create an indubitable smart nation with a smart Mining industry, like the marketing guru Joe Chernov said, "Good marketing makes a company look smart. Great Marketing makes the customer looks smart".

Mining Zimbabwe would like to extend its gratitude to everyone responsible for the success of www.miningzimbabwe.com (advertisers, mining firms, mining association, news audience, the government of Zimbabwe and our production crew). Our website is ranked in top 60 most preferred blogs by Mining professionals in the mining industry world over.

mining sector in Zimbabwe has all the muscles to transform Zimbabwe's economy to the yesteryear's "breadbasket of Africa" from the prevailing economic situation which mockers refer to as "the begging bowl".

Mining Zimbabwe endeavours to see the Zimbabwean mining sector flourish and we are also eager to see certain policies being regarded in order to create a friendly environment for the miner and all stakeholders.

Mining experts believe that the small scale and artisanal mining sector is the future of the African mining industry, therefore it is of paramount importance if the government of Zimbabwe initiates necessary steps to promote small scale indigenous miners in the country in order to secure their growth.

In order to achieve the President's vision of Zimbabwe becoming a middle-income earner by 2030, the mining sector must take a leading role, hence all means necessary to promote indigenous miners is, therefore, our plea to the government.

Mining Zimbabwe at this juncture would like to extend greetings to all Mine Entra Exhibitors, our audience and partners for taking part at this year's Mine Entra. It is our pleasure and appreciation to rub shoulders with you exchanging ideas and thoughts.

Please do make it your habit to visit our website at www.miningzimbabwe.com, our social media platforms: Linked In, Facebook, Twitter and Instagram. You can also request to be added in our WhatsApp and Telegram groups chats.

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MINING SECTOR LIBERALISATION

ineral sector reform has brought mining back to Africa aided by price rises in the early 2000s impacting on investment, growth and poverty reduction and there are no indications that price trends will decline to previous levels. For the sector to have a sustainable impact on poverty in Africa, governments must convert non-renewable capital into skills, infrastructure and business development.

The success of this will be underpinned by improvements in governance. There have been massive calls to liberalize mining and Zimbabwe has not been spared of that argument.

Miners postulate that the government's hand in the operation of mines up until the

marketing of minerals has caused massive distortions and discontent.

Government influence in Zimbabwe has seen the Central Bank managing the allocation of export proceeds which come in the form of foreign currency.

This has seen gold miners retaining about 55 percent in foreign currency with chrome getting 50 percent and platinum getting a sizeable number. This has generated massive discontent from miners who have abjectly admitted that the government's hand in mining should be minimized for assured growth of the sector going forward.

At a macro level, the mining sector has never played a crucial role across Africa as it does now. This is due partially to the rise in mineral prices since the early 2000s but more to the success of many mining sector reforms in the late 1980s and 1990s.

Zimbabwe now sees this sector as a possible engine of sustainable development. Zimbabwe needs to engage in mining developments rather than operating in an enclave fashion. This needs to be done in order to increase linkages to other economic opportunities directly or through better integration of associated infrastructure.

They also desire to have a larger share of the sector's rents particularly when mineral prices are high as well as having control on how the proceeds are utilised.

Mining expert Masango Mahlahla said that the liberalization of the mining sector is the Continued from page 8 MINING MATTERS •

way since the current regime has done nothing but cause continued clashes between miners and government.

"In my professional opinion, mining operations should be allowed to manage their own foreign currency. This will enable mining companies to direct their earning towards planned capital investments. The banking sector should manage the export documentation process as well as transactions as they will be more efficient and have better processes for managing transactions," said Mahlahla.

Another mining expert Innocent Nicks gave a nod to the liberalization of the mining sector.

"Yes I give a nod to the liberalization of mining sector on other minerals that can be mined under small and artisanal mining. Minerals like gold, chrome, all gemstones etc can be mined by small scale and artisanal miners to increase our stocks, markets and bringing in foreign currency. "The effects of liberalization of mining sector will be very positive since it closes the gap on unemployment, reduction in crimes committed ranging from robberies, drug abuses etc.

"Youths will be having some economic activities that bring food on their tables and as a result will reduce crimes, an idle mind is very dangerous. The effects will be seen through the circulation of money in the system, introduction of our mineral based currency or float based currency," said Nicks.

On the other hand Nicks alluded that what needs to be done is to make sure that all minerals are marketed through the government system to plug in all illegal marketing of our minerals to incentive miners so that they sell their stuff through government agencies.

"Value addition and beneficiation of our minerals is of paramount importance again because we would be having down and upstream economic activities that will lead to our community development. The government would then be able to reallocate resources to manage regulatory oversight regarding compliance issues. Government should not manage business transactions as this is best managed by the private sector. This will help to facilitate industry growth," he said.

Most African countries nationalized their mining sectors in the 1960s or 1970s. However, by the end of the 1980s the trend had reversed partially due to market liberalization but also due to the weak performance of state-owned mining enterprises.

Further, to attract additional Foreign Direct Investment (FDI) into their mining sectors, African countries often called upon the World Bank – which, with the IMF, was often involved in structural adjustment programs that began in the 1980s – to support the design of mining policies and laws that would make countries attractive destinations for FDI. This occurred at a time when mineral prices had been very low for nearly 20 years (and would remain so for another 15 years).

The focus of mining sector reform in the 1990s was revitalization as state control of the sector had scared away both new developments and exploration. Stateowned companies typically suffered from underinvestment as profits were mostly brought into the country's general fiscal revenues.

Hallmarks of these reforms were revisions to mining laws and regulations .These included transparent and nondiscretionary procedures in allocating exploration and production rights; exploration rights allocated on a firstcome, first-serve basis and subject to minimum work conditions; according finders the automatic right to exploit a deposit, subject to certain conditions, or to sell the right; stable fiscal terms although not necessarily fixed as discussed later - throughout the lifetime of the operation (or for a well-defined period); well-defined property rights and, subject to commitments being made, no expropriation.

"The truth is that the government is the regulatory arm there should be separation between politics and business. Therefore I am in support of the government liberalizing the sector. However with the current foreign currency shortages I don't see that happening in the short-term. "Businesses need to plan and expand operations by using the retention money portion, moreover they should have adequate to large savings balances to cover their operations in the event of maintenance and reinvestment .Thus the balances sitting in the nostros FCA is a normal business practice. There can't be expectations that businesses would be emptying their nostros FCA ,"said Lindi Mpofu.

In conclusion, a large mining sector can have a substantial impact on the long-run sustainable development of a country. Firstly by being an engine of growth through the spin-off firms and industries it creates and opportunities opened up by non-dedicated infrastructure, such as roads; railways; ports and power stations, and secondly, by using fiscal revenues generated by natural capital to produce other forms of capital.









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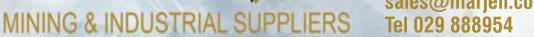


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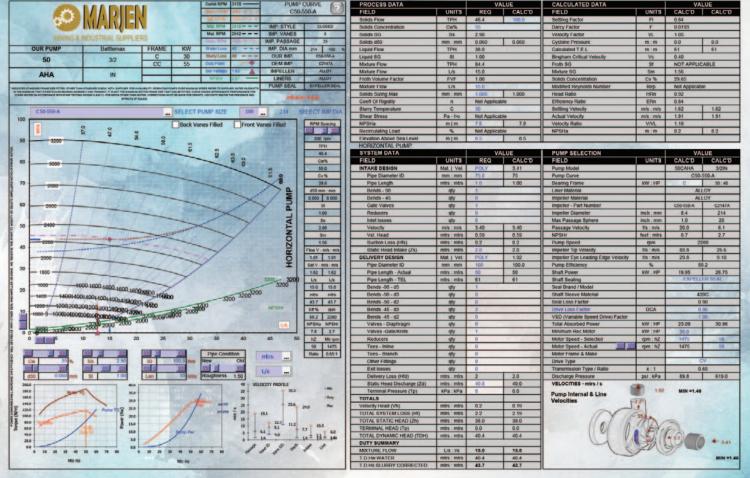


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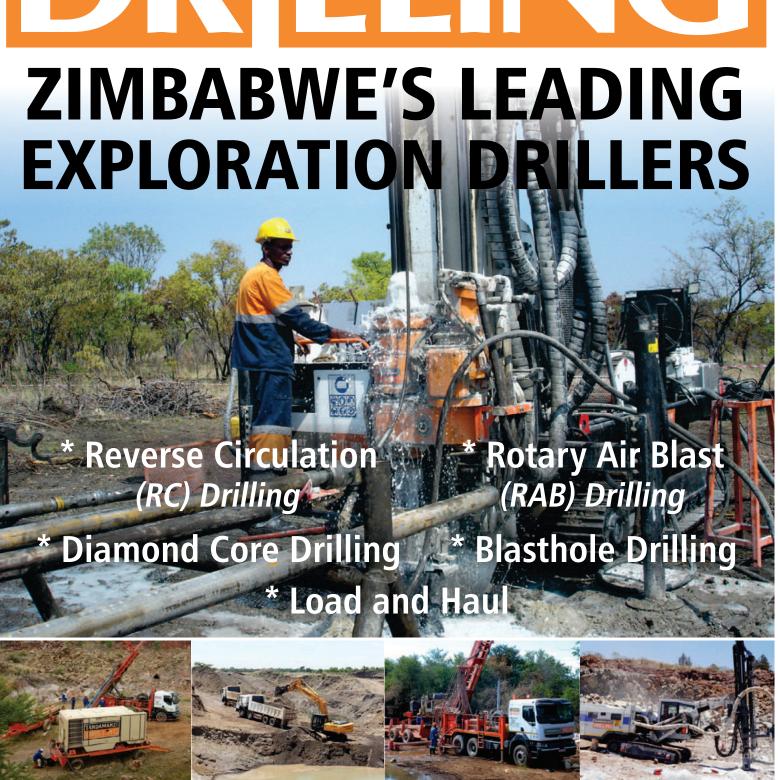
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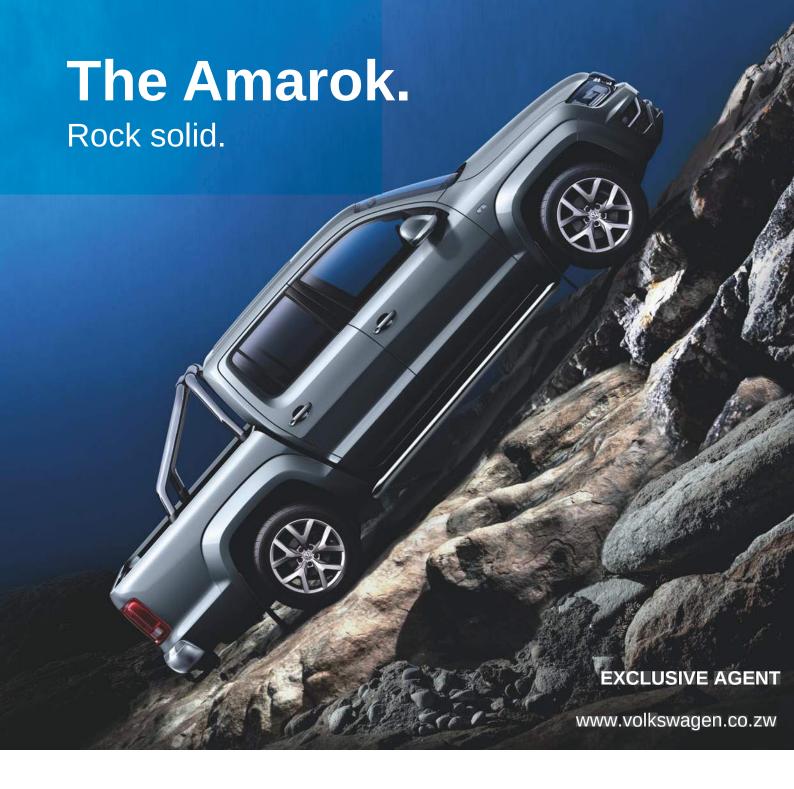


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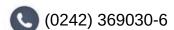
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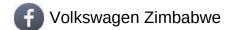
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Brown Engineering Group, a proudly Zimbabwean company desires to make it known that they have diversified from their roots in the agricultural industry and they have applied this knowledge base into the mining sector. The Group anticipates a bright future in the Zimbabwean mining industry and aims to support the economy by providing homegrown solutions to the mining industry's needs.

Rhett Edwards, the Companies Business Development Manager says; "We have diversified our offerings by applying the knowledge and skills attained from decades of manufacturing in the agricultural sector, to different industries with similar requirements for structural steel support and mechanical processing equipment. We believe this is imperative not only for continued business operations, but also to make sure that the country's productivity increases. We want to showcase that the mining entities can support Zimbabwean manufacturing companies and we can provide the solutions required to fulfill their expectations."

"We are currently competing with regional and international companies and must adhere to the high standards already set. We have achieved this, on several projects, the most predominant one being Pickstone Peerless Mine in the Chegutu area. Brown Engineering were commissioned to build a CIP tank farm of over 165 tons, comprising of 6 tanks with all the launders, walkways, supports and necessary interfaces. The company sees this offering of bulk steel structures as a key focus due to the expertise and capabilities they have in terms of manufacturing."

Brown Engineering does not only specialise in mining, agriculture, and structural work, they also focus on pipelines and tanks, as well as material handling equipment, namely conveyors, weighbridges and silos. All these products and services allow customers to deal with one entity that can provide a one-stop solution to customer specifications at very competitive prices be it regional or local.

In terms of infrastructure, Brown Engineering Group has focused on commercial structures, having built many warehouses for various entities namely Varun Beverages (PEPSI) and tobacco houses, measuring up to 15,000m² per individual warehouse. Although these projects rarely come around, the company acknowledges that their specialty lies between the 800m2 to 6,000m² warehousing which conforms to their standard designs allowing them to deliver quickly. The application of these commercial structures has now been adapted to mining, one in particular, a 5,000m22 structure for the upcoming Prospect Lithium Mine.

During a factory tour, it was great to see what a Zimbabwean manufacturing company can achieve. Brown Engineering Group are undertaking projects for the mining industry, pipelines for hydro power in the Eastern Highlands as well as numerous commercial structures locally and regionally.

Brown Engineering Group is venturing into the mining sector since mining is now one of the enormous industries in Zimbabwe which will undeniably assist in the revitalization of the nation's economy.

Rhett maintains "We are open for business and we are ready to deliver what the customer needs in terms of quality, time frame and with a budget considerate approach."

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MCS concentrates on creating and providing products that are best suited to the African environment. Their aim is to provide products that are cost effective, but also robust and of a high quality. Equipment supplied should allow for easy maintenance.

MCS offers complete solutions for new and existing projects, and through industry partners MCS is able to support most projects in the aggregate and mining processing industry. Their experience means that they are familiar with their clients' equipment and requirements, and they are able to provide expert advice, as well as being able to offer quality products and services.

MCS supplies all sizes of new or refurbished standalone crushers, and they also supply modular and complete crushing plants, capable of providing complete solutions. As an integrated service provider MCS also supplies a wide range of mechanical spares used in most popular cone and gyrator crushers.



MCS is the leading crusher wear and mechanical parts supplier in Zimbabwe, mostly providing support to the large-scale mines, but also increasing their support to the small-scale industry. Their wearing and mechanical parts are used in the largest crushers on the African continent with supply not just limited to Zimbabwe.



The ball mill liners are incredibly cost effective; not only are there savings on the initial cost, but the liners also last longer. MCS is also able to work with mines and run tests in order to achieve optimal functioning, design and life expectancy, which can provide significant accumulative cost savings.

One of their products, the AFP Fibre Fix Industrial Pipe Repair Kit, is an excellent quick fix for leaks and other repairs, significantly reducing downtime. This product is extremely popular with gold, platinum and coal mines in South Africa, Zambia, Mozambique and the DRC. They also supply Sealex AFP360 Backing Compound, which is a two component solvent free Epoxy Resin Compound that can be used for all crushing operations just naming a few.

MCS also specialises in slurry and industrial material conveying pumps, and their spare parts. The pumps and spares are dimensionally interchangeable with other manufacturers' pumps covering a large range which include significant local stock holding.



MCS offers complete supply solutions on a variety of products, with the ability to provide significant cost savings to mines on contractual supply agreements and volumes. This allows for better production planning and thus ensures the availability of critical parts. Their prices have not deviated more than 10% over the last 5 years, with almost no increase over this period and rather a reduction on most prices.

The aim at Manganese Crushtech Systems is to provide excellent quality at a lower price, increasing the quality and life expectancy to provide cumulative savings with lower cost, longer life and reduced downtime.

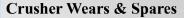


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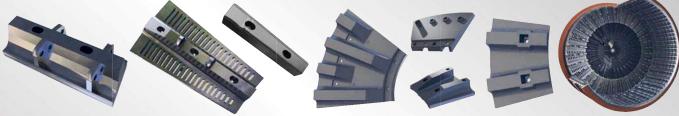












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A two component solvent free Epoxy resin compound that can be used for all crushing operations and ideal for Cone & Gyratory crushers, Rotating Mills, Pulverisers, Ball Mills and other











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A whole new level with STC Chemicals



Recently incorporated **STC Chemicals** has experienced steady growth over the last few months buoyed by its massively popular pricing policy. STC Chemicals is in the business of importing and distributing gold processing chemicals. Through dealing directly with leading manufacturers across the whole world, the business has been able to strike highly favorable supply deals whose benefits we have been sharing with our valued customers from inception.

Our product range covers leaching chemicals Sodium Cyanide, Caustic Soda, Hydrated Lime, Hydrogen peroxide and Activated Carbon for gold adsorption. For Elution plants we got additional Wire Wool in various pack sizes, Borax Anhydrous, Sulphuric, Nitric and Hydrochloric Acids for Activated Carbon regeneration.

We stock Chinese and Georgian Sodium Cyanide in 50kg, 1MT AND 1.1MT packs so as to give our valued customers choice based on their pocket and preference. We also stock two grades of Activated Carbon – 6x12 and 8x16 again giving our customers choice.

Headquartered in Harare, we recently opened our newest branch in Kwekwe bringing convenience to the local mining community. Plans are afoot to roll out an extensive branch network in the rest of other mining areas starting with Kadoma anytime from now.

STC Chemicals looks forward to playing a significant role in the growth of the Zimbabwean gold mining sector through continued provision of affordable products within all the mining areas leaving miners with more time for their





WHITE CALCIUM HYDROXIDE



JUN HYDROXIDE



core business of mining.

In an effort to truly leave the one -stop shop principle, STC Chemicals went into a strategic partnership with Tuosheng Mining Equipment Supplies. Through this arrangement, their whole range from Air compressors, Jack Hammers, Hammer Mills, Round Mills, Jaw Crashers, Drilling Rigs, Separators and various other pieces of equipment and parts are stocked within the STC Chemicals Warehouses.

Contact STC 23 Bishop Gaul Ave Belvedere, Harare +263 774 004 714

C CHEMICA

STC CHEMICALS

STC CHEMICALS

CHEMICALS

Sodium Cyanide Caustic Soda Lime (ndola) Hydrochloric Acid **Borax** Wire Wool Sulphiric Acid Nitric Acid Hydrogen Peroxide Activated Carbon

WITH OUR PRICES



Sulphuric acid



Hydrated lime 25kgs



Caustic Soda 25kgs



Hydrochloric acid 33% 35kgs



Nitric acid 60% 33kgs



Sodium cyanide 98% 1100kgs



Borax anhydrous 25kgs



Sodium cyanide 98% 50kgs



wire wool 5kgs

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Eco-Friendly Cleaning solutions for the remediation of contaminated soil, water and hard surfaces.

EDS Solutions is the manufacturer of Ecokleen water-based degreaser for medium to heavy-duty degreasing requirements.

Ecokleen features include:

- 1. Environmentally friendly.
- 2. Effectively cleans and transports hydrocarbons (oils, greases, petrol and diesel) to the point of separation.
- 3. Is a 'quick release' for effective separation of harmful substances from water.

PèTROZORB

For Rapid Absorption of Oil and Chemicals

The PèTROZORB Range consists of four types of organic fibre absorbents, used for the absorption of hazardous environmental spills with the added advantage of bioremediation of contaminated soil.

PèTROZORB - BRONZE: Organic Blend Absorbent

PèTROZORB - SILVER: Organics Blend Absorbent (with added oil degrading microbes)

PèTROZORB-GOLD: Coco Peat Absorbent

PèTROZORB - PLATINUM: Peat Moss Absorbent

PÈTROZORB NATURAL ORIGANE OIL É CHEMICAL SPIL NATURAL SPIL NATURAL ORIGANE OIL É CHEMICAL SPIL NATURAL ORIGANE OIL É C

How does PèTROZORB work?

PèTROZORB absorbents make use of a matrix of capillaries that flow over the surface area of the hydrocarbon or chemical spill. The high surface tension within these capillaries enables the organic fibres within the product range to hold between 5 to 14 times its own weights in liquids. This gives it the ability to absorb spills which have occurred over vast areas on land and water. It will not leach or discharge absorbed pollutants, making it clean an easy to handle. The PèTROZORB range's high vapour suppression capacity reduces combustion vapours, eliminating the chance of explosion. The entire PèTROZORB product range is non-abrasive, non-toxic, non-leaching and non-carcinogenic. In its natural state is already biodegraded. It can also be used by anybody – it doesn't require any protective clothing or specialised training technicians to handle and dispose of the product.



PèTROZORB

Hydrocarbon and Chemical Spill Kits Suited to Your Needs

We understand that the most suitable chemical spill kit for one customer may not be the same for another. This is why the team of fuel kit experts at PéTROZORB have designed a range of chemical spill kits which have numerous chemical absorbency potential. With your purchase of a chemical spill kit, you can expect the necessary equipment to be able to safely and quickly clean up and dispose of the spillage.

The chemical spill management range is available as booms, socks, pillows, absorbent pads or absorbent scatter. You can buy these kits in the form of wheelie bins and carry bags. The active ingredient in the chemical spill management range is polypropylene.

Tel: 0242 790234 **Cell:** 0719437309 **E-mail:** ngwenyachipo@gmail.com



Grit Hand Cleaner

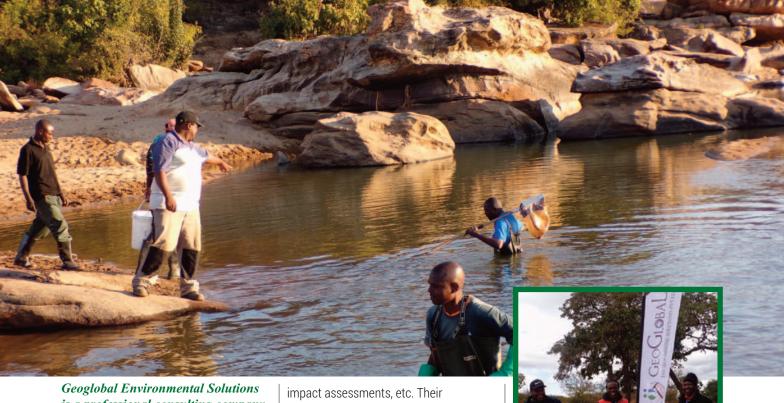








Geoglobal Environmental Solutions



Geoglobal Environmental Solutions is a professional consulting company for geological, mining and environmental services.

It has been awarded the business company of the year for 2017 and 2018 in soecial recognition in geological and mining consultancy bye the Zimbabwe Business Awards. It has done work for mostly small to medium-scale mining projects focus on front-end exploration, surface and underground mapping and sampling, mineral tenure applications, renewals and annual reporting, focusing mostly on gold mining. This is locked together with advice on mining related issues, such as mining methods, blasting efficiencies, ore handling, processing issues, among others.

Geoglobal Environmental Solutions has also integrated mining with conservation of the environment by inputting their combined experience into environmental impact assessments (EIAs), environmental management plans, social experience in dealing with stakeholder /public participation consultation has help projects move forward to address the needs of the host community. The company has managed to complete a lot of EIAs in mining, housing development and dam construction projects. Geoglobal Environmental Solutions bias has been mostly in geological work and hence the future will be aimed in promoting junior mining projects to be bankable projects to match international standards through standard geological resource evaluation tools. They aim to keep supporting the small to medium scale miners and help promote their projects to investors and also help them grow to be bigger miners. Geoglobal Environmental Solutions aims to continue to provide environmental services to foster a better environment for the future. It also hopes to engage into research and training in the areas of geology, mining and environmental protection and conservation. Geoglobal Environmental Solutions hopes to setup

branches in some of the major cities and towns of Zimbabwe to provide geological and environmental consultancy services to the populace.

Geoglobal Environmental Solutions is led by Mr William Moyce (Director) holder of a BSc General (UZ) and a BSc Special Honours in Geology (UZ). He was honour with a Doctorate of Humane Letters and was nominated the businessman of the year 2017 and 2018 for geological and mining consultancy services. He has contributed to a couple of scientific publications through international refereed journals. He holds experience in lecturing geology course at the University of Zimbabwe and also lecturing mineral resource management courses with the Zimbabwe Institute of Management.

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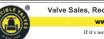






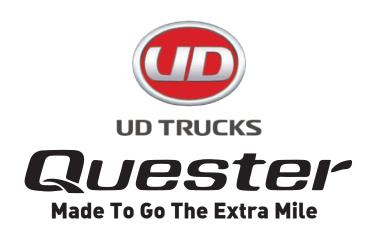
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