Introduction

“Geo-Explore Store (Pty) Ltd was established in 2009, to meet a demand in the market for a service oriented exploration and geological product specialist.

Our staff has 5 years experience in the exploration business and 19 years experience in the exploration supply market. We are perfectly equipped to provide the full range of services, products, logistics, advice, back-up and price for all needs relating to geology, exploration, mining, sampling, survey and drafting.

We endeavor to offer service excellence with the flexibility and dynamics to ensure we are there to support the spectrum of needs presented by the exploration market.

“When you are stuck in the middle of nowhere, we are right beside you!!”

Contact Details

67 Watt Street, Route 24
Meadowdale, Edenvale

P.O Box 1217
Isando

1600

Cell: 082 744 7594
Tel: 011 392 5324
Fax: 011 392 5697
Fax: 086 580 7777

Email: geoexplorestore@geoexplorestore.co.za
Website: www.geoexplorestore.co.za

Reg No: 2008/0228/54/07  Vat No#: 405 025 3352  Customs Code: 20862976
Camping

“A full range of equipment is available for the exploration fly or permanent camp or individual.”

Hand Held GPS Units

“GARMIN.”

“We stock the basic field units, however the full range of Garmin GPS’s are available, please see our website or go to garmin.co.za for a full range”

“OTHER SYSTEMS ALSO AVAILABLE”

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COMPASSES

TruArc™ 15

Drawing upon our classic 15TDLCL, the all new TruArc™ 15 is upgraded with a full coverage mirror cover for extra protection, and the TruArc™ Global Needle system with Ever-North™ Rare Earth Magnets. The luminescent, high-visibility-dial lends low-light and night time performance, and the tripod compass system gives fast and accurate reference information for avalanche safety or earth-science field work.

BRETHROUGT

Breithaupt top of the line geological compass, glass base, superior damping, with leather case. A must for structural or engineering geologists. German engineering ensures lasting quality and performance.

Breitction

Breithaupt geological compass, allows for dip direction measurement, inclination and declination adjustable on site, with case. A perfect mid range quality compass.

Brunton BR5006

Brunton transit geological compass, metal body, with leather case. Measures dip and strike and ideal for sighting.

Brunton BR5008

Brunton Transit geological compass, composite poly fibre body, with leather case. Measures dip and strike and ideal for sighting.

Brunton BR5010

Top of the line in Brunton geological compasses. Offers the classic Brunton format with the addition of a dip gauge on the lid hinge for dip direction measurements. With leather belt case. Also ideal for sighting.

Silva Survey Master

Silva combo of the sight master and clinometer in one.
Sieve Table

<table>
<thead>
<tr>
<th>Frame Diameter</th>
<th>75 &amp; 100mm</th>
<th>200mm</th>
<th>300mm</th>
<th>450mm</th>
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<td>S/Steel</td>
<td>Mic Steel Plate</td>
<td>Mic Steel Plate</td>
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<td>Aperture (Wire Mesh Surface)</td>
<td>S/Steel</td>
<td>S/Steel</td>
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<td>20 Micron</td>
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<td>25 Micron (not to GABS spec)</td>
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<td>32 Micron</td>
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<td>53 Micron</td>
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<td>63, 75, 80 Micron</td>
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<td>Wire mesh</td>
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<td>Electro-plated plate</td>
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<td>135.00mm</td>
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<td>Adaptor 209mm to 8 inch</td>
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<tr>
<td>Receiver</td>
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<td>Lid</td>
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<tr>
<td>Separating Pan</td>
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<tr>
<td>200mm Dia x 160mm deep - Wet Washing</td>
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<td></td>
</tr>
<tr>
<td>200mm Dia x 260mm deep - Wet Washing</td>
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<tr>
<td>Continuous Flow Centrifuge Sieve</td>
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<tr>
<td>Wet Washing Receiver</td>
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</table>

COMPASSES

*Silva Clinometer*

Silva clinometer for angle, height or percent measurements; available in prismatic or fascia style.

*Omnisight*

With both forward and reciprocal bearings, plus 90° quadrants and 6400 point M.S. the OMNI-SIGHT spot-through compass offers the convenience of multiple precision instruments in one hand-held unit. Steadfast aluminum housing ensures ruggedness and reliability, and the internal rare-earth magnet guarantees accuracy and resists magnetic interference.

*Other compasses available on request. Leather compass cases also available.*

REPAIRS

Repairs, service and calibration of compasses undertaken.

MARKING & LABELLING

*Paint Markers*

Imported paint markers by Edding, UV and water proof so these are permanent. Available in a range of colours, boxes of 10.

*Manila Tags*

Buff manila tags in a range of sizes, reinforced hole, great for sample bag tagging. In boxes of 1000.

*Plastic*

Plastic sample tags, with hole, 55x75mm or 65x115mm, range of colours, per box 1000. Also in steel.

*Sample Ticket Book*

Standard wet strength paper sample tickets, pre-numbered, one stub and 2 tear off tickets, in packs of 1000 tickets (10 books of 100). Custom tickets on request.

*Aluminium Tags*

Aluminium tags, easily engraved, with hole, in boxes of 1000 with bez, 8x2.5cm.

*China Markers*

Imported peel off markers, ideal for core or rock marking or photo labelling. Resistant to crumble and melt when used on hot or rough surfaces. Boxes of 12, range of colours.
**DRAFTING**

**Pocket Stereoscope**
These simple fold up pocket stereoscopes are ideal for photo stereo work in the field, available in 2x or 4x magnification.

**Easy Logger**
Perspex tube with parabolas marked for alpha and beta angles, ideal for oriented core or just measuring angles of structure, bedding or features off core. Available in a range of diameters.

**Steel Protractor**
Steel 180 degree protractor with hinged arm. Usefull for measuring features on core. Robust and accurate.

**Rule Protractor**
Imported 15cm ruler with protractor, handy pocket tool. For drafting or core work.

**Paper**
Drafting, trace, graph, film, plotter paper on rolls.

**Parallel rule**
Brass parallel rules, imported 450mm

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**SURVEY**

**Barrier Tape**
Barrier/demarcation tape, red on white. Also yellow on black on request. 500m x 75mm.

**Steel Tape**
Steel measuring tapes, 3m and 5m, 30m, 50m and 100m on frame.

**Fibre Tape**
Fibre measuring tapes, 30m, 50m and 100m on frame.

**Flagging Tape**
Plastic or biodegradable flagging tape in a range of colours. Standard 50m x 25mm rolls however custom rolls on request.

**Optical Square**
Optical square for quick offsets, ideal for rudimentary grids or sampling programs.

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**REFERENCE**

**Drillers Handbook**
Diamond Drillers reference book.

**Ref Cards**
Handy pocket size reference cards, riveted in corner and printed on durable card. Range of geological and drilling reference information.
SURVEY

**Measure Wheel**
Rotosure measuring wheel. Basic or upgraded models available.

**Abney**
Abney level for determination of angles or elevations.

**Dumpy Level**
Various dumpy levels available as well as tripods, slaves and range rods.

**Total Station**
Various total stations and theodolites available.

**Flags**
One metre or half metre steel spring wire with PVC flags in range of colours, per bundle of 100

**Pin Tags**
Half metre steel spring wire with plastic tag in range of colours, bundles of 100

REPAIRS
Repairs, service and calibration of survey equipment and compasses undertaken.

DRAFTING

**Map Hangers**
Aluminium map hangers for data files.

**Data File**
Open or closed map cabinets, on wheels, aluminium clip style hangers (not included, see map hangers)

**Paper File**
Open finger style map hanger on wheels. Uses punched map tape (not included)

**Map Cabinet**
Office A0 map cabinet, finger style, top opening with flap. Uses punched map tape (not included). Also light tables and map tables.

**Map Hanging Tape**
Map hanging tape, plastic, punched. In 40m rolls, cut to size as required.

**Map Tubes**
Plastic extendable map tubes, ideal for transport or storage of maps, plans or presentations. 75 or 50mm diameter with shoulder straps.

**Triangular Scales**
Imported triangular scale, 1:500/1000/1250/1500/2000/2500

**Graph Pads**
Graph paper in pads, A4 or A3.
DRAFTING

Clip boards available in wood or aluminium, A4 or A3. Also available with cover.

Blundel Harling rule

High quality Blundel Harling scale rules, standard, half composite or full composite as well as off sets available.

DOUGLAS Protractor

Useful plastic see though square protractor, available in 12.5cm or 30cm. Circular protractors also available.

CORE TRAYS, RACKING

Core Trays

Diamond steel core storage trays. Made of Zinc Alume steel these steel core trays have an interlocking design to ensure neat and safe stacks. Drainage holes liberate excess water or dirt and all trays have carry handles. "V" shaped, deep profile channels ensure core is held securely in place (regular profile channels also available for competent core). Core trays to suite BQ, NQ, HQ, PQ core, please contact us to confirm suitable tray for alternative diameter core. Available in 1m or 1.5m. The 1m options are available in pre-fab format for export, these save on transport and final assembly is effected on site. All trays are supplied with steel core tray labels. Full specs see page 8.

Plastic Core Trays

1m locally manufactured plastic core trays. UV stabilized, rugged yet flexible, interlocking for neat and safe stacks or nesting for transport, deep profile, drainage holes, channels metre marked in cm for logging/photography, two carry handles per end, NQ-6m, HQ-5m, PA - 4m

Racking

Modular racking system for the safe, neat and economical storage of diamond core trays. Available in 1m or 1.5m options (custom options on request). Adjustable to ensure range of core tray heights are accommodated.

Sampling Equipment

Augers

Locally manufactured bucket augers, solilclayey soil and clay styles available along with extensions and "T" handle.

Motor auger

Hand held motorized auger, petrol drive, range of flighted auger sections and extension bars as required.

Plexi Stack

Plastic re-usable sieve system. Lid, receiver and two clip together rings, 200mm diameter. Mesh sold separately.

Cut off machine

Petrol cutter, ideal for field channel or outcrop sampling, with water attachment and tank.

Pneumatic Cutters

Locally manufactured cutters, ideal for underground, pneumatic drives, single or double blade.

Dry Pan

Galv or stainless sample drying pans available. Various or custom sizes.

Plastic Bags

A range of plastic sample bags are available, all are clear, virgin plastic and contain UV stabilizers to ensure they last in the elements. Table with overview, see page 19. Custom bags on request.

Also available calico bags, 23 x 38 or custom sizes on request and Poly woven bags. Plastic tubing and plastic vials in a range of sizes and also a range of zipper seal bags.

Cable Ties

Plastic cable ties, ideal for closing sample bags, available in 10, 15 or 20cm lengths, per bundle of 100. Also wire twisties and twister tool, heavy duty stapler and staples.
MANUAL CORE SPLITTER : FH 711
ROBUST CONSTRUCTION

Designed to suit the rugged conditions of core yards and camp sites in the exploration field. Collapsible legs are an advantage for portability in remote locations.

CONFIGURATION OF MACHINES

These machines are configured to be used in all environments where power sources vary according to availability and need.

- Single Phase
- 3 Phase

Although this is an entry level manual unit, safety is paramount and no fingers are near to the cutting edge of the blade. Core is enclosed in a core guide. More recent models are able to perform a cross cut as well as a longitudinal cut.

Blade type of core holder must be specified when placing an order.

BQ : 36.52 mm
NQ : 47.50 mm
HQ : 63 mm
PQ : 83 mm

SAFETY FIRST
PLEASE READ THE INSTRUCTION MANUAL CAREFULLY BEFORE USE

Manufacturers of Core Storage Equipment - Zincalume Core Trays - Plastic Core Trays - Racking Bays - Rock Chip Trays - Core Blocks

BENEFITS OF USING PLASTIC CORE TRAYS:
• NON-CORROSIVE / DURABLE
  Our plastic trays are non-corrosive therefore allowing the long term storage of valuable core samples. These trays are UV protected ensuring no degradation of the plastic, they are robust and reinforced with ribs.
• NON-MAGNETIC
  This allows accurate results when testing for magnetic susceptibility.
• CHEMICALLY INACTIVE
  By using our plastic core trays you will have no risk of contaminating your core samples.
• UV STABILIZED
  Due to the added UV stabilizers, the lifespan of the plastic core tray is extended. The black pigment of the plastic core tray offers a reduction in glare and an optimal contrast when photographing the core.
• NO SHARP EDGES
  Our plastic core trays have no sharp edges thus making them a safer option by reducing hand injuries - resulting in less down time.

PRODUCT FEATURES:
• A ruler is engraved on the side walls of the tray for assisted measuring of core samples.
• All sizes of the plastic core trays use an interlocking system for stacking purposes, this not only provides an effective stacking fit, but eliminates any contact with the core from the tray above.
• Plastic core trays nest into each other when 1 of the 2 core trays are turned 180 degrees to each other, thereby maximizing space when toasting a container and thus reducing transportation costs.
• The plastic core tray also offers you a safe, stable handle system as they have two moulded handles per end thus ensuring optimal stability when lifting the tray.
• NQ, HQ and PQ plastic core trays are compatible to stack onto one another.

<table>
<thead>
<tr>
<th>SIZE</th>
<th>DIMENSIONS</th>
<th>WEIGHT</th>
<th>No. METER STORED</th>
</tr>
</thead>
<tbody>
<tr>
<td>NQ</td>
<td>1000mm x 430mm</td>
<td>2.9 kg</td>
<td>6</td>
</tr>
<tr>
<td>HQ</td>
<td>1000mm x 430mm</td>
<td>3.0 kg</td>
<td>5</td>
</tr>
<tr>
<td>PQ</td>
<td>1990mm x 430mm</td>
<td>3.0 kg</td>
<td>4</td>
</tr>
</tbody>
</table>
SAMPLING EQUIPMENT

Channel Bin
Galvanized channel sample bin, with handle, ideal for catching chips from trenching or channel sampling. Also available sampling chisel.

Riffers
Sample riffler or splitter. 50:50 with 3 capture bins. 1" (25mm) or 1/2 " (12.5mm), powder coated steel. System nestles for ease of transport. Also available in NEW three tier option. See page 17.

Density Scale
Table top density device. Comprises 3kg electronic scale, bottom hook, reservoir and scale platform. Based on weight wet/weight dry principle.

Scales Electric
Flat bed, table top electronic scales in a range of capacities and accuracies. Please enquire.

Scales Hanging
Hanging field scales for sample weighing, range of capacities. Small or large dial. Please enquire.

Mineral Trays
Plastic mineral or chip trays. Available in 20 or 10 compartment units. The 10 compartment units can be joined together if required. Sturdy hinges and clips, UV stabilized clear plastic.

FIELD EQUIPMENT

Haversack
Basic field haversack for samples or field gear. Also geologists field haversack with more pockets. ~ 21 litres.

Acid Bottle Cover
Quality leather belt pouch for the acid bottle.

Pen Mag
Pocket style pencil magnet with pivot for sensitive magnetism tests.

Scribe
Pen styled tungsten tipped scribe with a magnet. Tip is also reversible for replacement or simply for safe storage in your pocket!

Streak Plate
Porcelain scratch plate 5cm x 5cm for mineral streak I.D.

Maglite Torch
We are distributors of the Maglite range of quality torches, spare parts also available.

Microscope
A range of quality microscopes are available for grain or hand specimen I.D. Basic 20 x / 40 x and zoom mag are the more popular units. Top and bottom lighting.
### FIELD EQUIPMENT

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>05243</td>
<td>Wet strength note book, A5, field transit.</td>
</tr>
<tr>
<td>05244</td>
<td>Wet strength note book, A5, field chain.</td>
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</table>

### SAMPLING EQUIPMENT

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dip meter</td>
<td>Water depth monitor, available in range of brands, round or flat cable and a range of depths.</td>
</tr>
<tr>
<td>Auto saw</td>
<td>Fully automatic core saw. Highly productive and offering the highest levels of operator safety, this machine is the benchmark for large sampling programs. Manufactured in Africa for Geo-Explore Store. Parts, service, repairs and training available locally.</td>
</tr>
<tr>
<td>Junior saw</td>
<td>Junior core saw. Highly productive and offering the highest levels of operator safety, this machine still requires the operator to cut the core but still ensures hands are well away from cutting areas. Manufactured in Africa for Geo-Explore Store. Parts, service, repairs and training available locally.</td>
</tr>
<tr>
<td>Core Splitter</td>
<td>Portable entry level core splitter, single phase, 220V, core is held in core guide so safety is taken into account. Also available in 3 phase, petrol or diesel motor options. The table allows for safe cross cuts using optional special holder. See page 18.</td>
</tr>
<tr>
<td>Core Grinder</td>
<td>Designed to grind a fillet off the side of a length of core, this machine is safe, fast and efficient. Also the powder sample can be used to send directly to a lab. Saves time, leaves core mostly intact, saves on sample prep costs, saves on transport of sample to lab.</td>
</tr>
<tr>
<td>Diamond Saw Blades</td>
<td>A range of diamond saw blades are available for all rock types and to fit all core splitting machines. Some have been tweaked for optimum performance in certain rock types. Ask us for details.</td>
</tr>
</tbody>
</table>
SAFETY EQUIPMENT

Dust Mask

Disposable dust mask.

Recovery Kit

Vehicle recovery kits, standard kit offers range of standard equipment but custom kits can be assembled on request.

First Aid Kit

First aid kits for traveller, vehicle or office/camp.

FIELD EQUIPMENT

Oz 24B


Oz 248A


Oz 251


Development Log Book

Developed for underground conditions, made of wet strength paper, double sided print for the recording of most information required in development ends A5. Perforated and punched.

LENSES

We stock durable quality doublet hand lenses, ideal for field use. 10X x 18mm standard or a 10X x 18mm/20X x 13mm combo lens are available.

VESTS

Sleeveless field vests, durable, khaki, useful pocket distribution.

Hammer Holster

Leather hammer holster ideal for Estwings.

Cline

Plastic fold-out 1m cline rule, brass cline hinge and sturdy level bubble housing.

Belt

Quality leather belt, range of sizes available.

SAMPLING EQUIPMENT

Grill Block

Aluminium oxide grill block for dressing or sharpening diamond saw blades, extends life and maintains productivity whilst cutting.

Gourd Pan

Wild steel gold pan, 17", based on the original three rib design.

Geochem Box

Geochemical sample storage/transport boxes, to suite range of geochem envelope sizes.

Geochem envelopes

A range of kraft geochem envelopes with wire ties. Available in regular two dimensional of gussetted three dimensional sizes, in boxes of 500. See page 19 for table of sizes.
FIELD EQUIPMENT

Multi Tool
Multi tools are available in a range of spec and brands. Please ask for more information.

Acid Bottle
Plastic acid bottle, removable tip for easy re-filling, 30ml.

Estwing Hammer, Leather
Estwing geological pick, leather handle, 22oz.

Estwing Hammer, Vinyl
Estwing geological pick, vinyl handle, 22oz.

ESTWING Hammer Long Neck
Estwing geological pick, vinyl handle, 22oz, long neck.

“Also chisel head, 14oz, claw and other Estwing hammers.”

Book Pouch
Quality leather belt book pouch, ideal for note books, pens, etc. Also available in PVC.

UV Light
This simple, portable battery powered UV lamp is ideal for field work to test fluorescence of minerals or scorpion awareness! Also more robust rechargeable units on request.

SAFETY EQUIPMENT

Ear Plugs
Disposable ear plugs.

Ear Bands
Ear plugs on head band.

Ear Muffs
Sturdy ear muffs ideal for more constant use (e.g. cora splitters)

Safety Pig Skin Glove
Quality pig skin gloves, still allow dexterity.

Safety Gloves
Basic safety gloves, rubberized or candy stripe.

Safety Goggles
Enclosed safety goggles.

Safety Spec
Safety spectacles, clear or tinted.

Gum Boots
Safety gum boots, with or without toe cap.

Hard Hats
Basic safety hard hat, peak or full miners trim, with or without lamp clip, available in different colours. Also available shade brims.

“Also other safety gear available, e.g. shoes, boots, buggy whips, cones, amber lights and signage”