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Ian Brumfitt | BA Consultant Trimble

FEBRUARY 2018

Ministry of Mines and Energy (MME), Namibia.

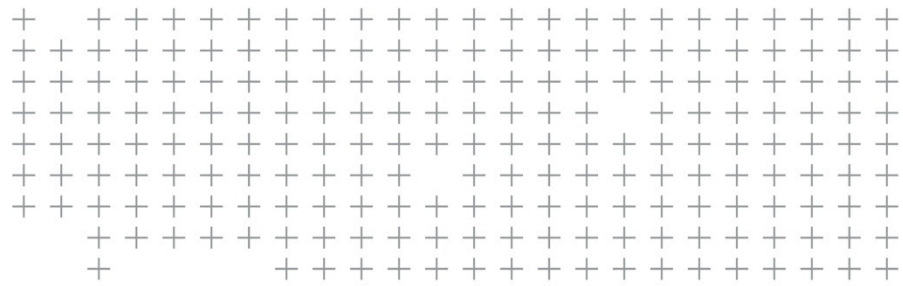




Agenda



- Project overview of FlexiCadaastre/Landfolio in Namibia
- Challenges faced
- Benefits of a modern cadastre
- Future plans



Project overview of FlexiCadastre/Landfolio in Namibia



Background



- Contract to replace the existing Computerised Mineral Title Management System (CTMS) was signed on the 18th December 2013 .
- Project was for the **Mines Department** of the Ministry.
- The project commenced on the 29th January 2014.

Objectives

- **Replicate all features** of the current CTMS and to **add holistic workflow management** for key business processes.
- Facilitate many **additional ‘out of the box’ functions** previously not available such as:
 - Management of all **Mineral Title obligations** over the life-cycle of licenses
 - **Generation of official documents** and letters
 - Email and Sms **notifications** to internal and external stakeholders
 - Improved security and **authorisation** features
 - High level of **audit functionality** for governance and monitoring
 - Many standard **reports** that can be generated and **distributed automatically**
 - **Link related official documents to business objects** as appropriate
- Provide a public view only **map portal** for external stakeholders to view license shapes on a map over the internet.

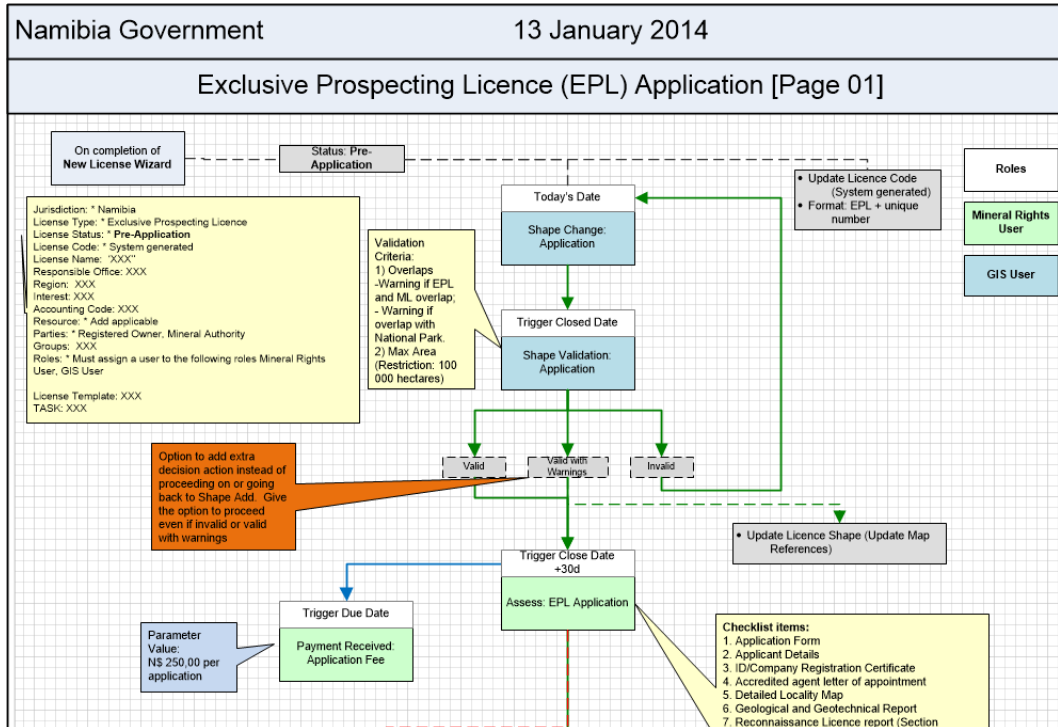
Timelines (6 months)

- Inception Phase: January 29th 2014 – February 28th 2014
- Configuration Phase: March 3rd 2014 – April 25th 2014
- Training Phase: April 28th 2014 – May 16th 2014
- Go-Live Phase: May 19th 2014 – June 20th 2014

Lessons to Goals

- Lessons from previous system:
 - Data input cumbersome
 - Data in, nothing out...
 - Public not informed unless manually sent a letter
 - Manually generate documents i.e. Letters, Title Docs etc
 - Better links between business data and Spatial data (and the GeoSurvey)

Business Process Definition and Design





Objects



- **License Types**
- **Exploration**
 - Exclusive Prospecting License
 - Exclusive Reconnaissance License
 - Non-Exclusive Prospecting License
 - Reconnaissance License
- **Mining**
 - Mining License
 - Mineral Deposit Retention License
- **Claims**
 - Mining Claims

A Cadastre Database

flex cadastre NMD Namibia Production FlexCadastre Namibia Production (5.3.2.03) FlexCadastre ADMIN (sign out)

Search > Search

Code: _____ Jurisdiction: _____ Status Group: Active

Name: _____ Type Group: _____ Status: _____


Party: _____ Type: _____ Saved Searches: _____

SEARCH

Search returned 1000 of 2571 results(35882044.8296 Ha-) (full list)

All	Map	Code	Name	Parties	Type	Status	Grant Date	Expiry Date	Area	Map Reference	Commodity Groups
<input type="checkbox"/>		1	ML-1	Gazania One Hundred and Thirteen (Pty) Ltd (100.00%)	ML	Active	18 May 1967	31 March 2019	450.0000 Ha	Namibia,B, Otjozondjupa,Grootfontein	Base and Rare Metals, Non-Nuclear Fuel Minerals, Precious Metals, Precious Stones, Semi-Precious Stones
<input type="checkbox"/>		3	ML-3	Ongopolo Mining Limited (100.00%)	ML	Active	06 February 1968	31 March 2019		Namibia,K, Khomas,Windhoek	Base and Rare Metals, Non-Nuclear Fuel Minerals, Precious Metals, Precious Stones, Semi-Precious Stones
<input type="checkbox"/>		4A	ML-4A	Aus Marble (Pty) Ltd (100.00%)	ML	Active	01 April 1994	31 March 2019		Namibia,Karas,Luderitz; N	Dimension Stone
<input type="checkbox"/>		4B	ML-4B	Aus Marble (Pty) Ltd (100.00%)	ML	Active	01 April 1994	31 March 2019		Namibia,Karas,Luderitz; N	Dimension Stone
<input type="checkbox"/>		4C	ML-4C	Aus Marble (Pty) Ltd (100.00%)	ML	Active	01 April 1994	31 March 2019		Namibia,Karas,Luderitz; N	Dimension Stone
<input type="checkbox"/>		4D	ML-4D	Aus Marble (Pty) Ltd (100.00%)	ML	Active	01 April 1994	31 March 2019		Namibia,Karas,Luderitz; N	Dimension Stone
<input type="checkbox"/>		8	B		MC	Pending	04 November 2013				
<input type="checkbox"/>		9	ML-9	Manila Investments (Pty) Ltd (100.00%)	ML	Active	20 July 1971	31 March 2019		Namibia,B, Otjozondjupa,Grootfontein	Base and Rare Metals, Non-Nuclear Fuel Minerals, Precious Metals, Precious Stones, Semi-Precious Stones
<input type="checkbox"/>		10	ML-10	Ongopolo Mining Limited (100.00%)	ML	Active	01 April 1994	31 March 2024		Namibia,K, Khomas,Windhoek	Base and Rare Metals, Precious Metals
<input type="checkbox"/>		11	ML-11	Salt Company (Pty) Ltd (100.00%)	ML	Active	01 April 1994	31 March 2019		Namibia,C, Erongo,Swakopmund	Industrial Minerals
<input type="checkbox"/>		15	ML-15	Ongopolo Mining Limited (100.00%)	ML	Active	24 March 1977	31 March 2019		Namibia,B, Kunene,Tsumeb; Oshikoto	Industrial Minerals
<input type="checkbox"/>		16	ML-16	Manila Investments (Pty) Ltd (100.00%)	ML	Active	03 August 1977	31 March 2019		Namibia,B, Otjozondjupa,Grootfontein	Base and Rare Metals
<input type="checkbox"/>		21	ML-21	Manila Investments (Pty) Ltd (100.00%)	ML	Active	24 April 1980	31 March 2019		Namibia,B, Kunene,Tsumeb; Oshikoto, Otjozondjupa,Grootfontein	Base and Rare Metals
<input type="checkbox"/>		22	ML-22	Ongopolo Mining Limited (100.00%)	ML	Active	16 July 2002	31 March 2019		Namibia,K, Khomas,Windhoek	Base and Rare Metals
<input type="checkbox"/>		24A	ML-24A	Goantagab Tin & Tantalum Company (Pty) Ltd (100.00%)	ML	Active	01 April 1994	31 March 2019	614.6000 Ha	Namibia,A, Kunene,Khorixas	Base and Rare Metals, Precious Metals
<input type="checkbox"/>		24B	ML-24B	Gazania One Hundred and Thirteen (Pty) Ltd (100.00%)	ML	Active	01 April 1994	31 March 2019		Namibia,B, Otjozondjupa,Grootfontein	Base and Rare Metals, Precious Metals
<input type="checkbox"/>		24C	ML-24C	Ongopolo Mining Limited (100.00%)	ML	Active	17 November 1999	17 November 2024		Namibia,B, Otjozondjupa,Grootfontein	Base and Rare Metals, Precious Metals
<input type="checkbox"/>		28	ML-28	Rossing Uranium Ltd (100.00%)	ML	Active	08 May 1985	07 May 2019	6580.0000 Ha	Namibia,Erongo,Swakopmund; G	Nuclear Fuel Minerals
<input type="checkbox"/>		30	ML-30	Tidal Diamond (Pty) Ltd (100.00%)	ML	Pending Renewal	30 March 1993	29 March 2013	5677.0000 Ha	Namibia,Karas,Luderitz; N	Precious Stones
<input type="checkbox"/>		31	ML-31	AngloGold Ashanti Namibia(Pty) Limited (100.00%)	ML	Active	01 November 2003	31 October 2018		Namibia,Erongo,Karibib; H	Precious Metals
<input type="checkbox"/>		32	ML-32	Namibian Diamond Corporation (Pty) Ltd (100.00%)	ML	Active	18 February 1999	17 February 2019	17000.0000 Ha	Namibia,Karas,Luderitz; N	Precious Stones
<input type="checkbox"/>		35A	ML-35A	Purity Manganese (Pty) Ltd (100.00%)	ML	Pending Renewal	05 September 1994	04 September 2014	825.1000 Ha	Namibia,D, Otjozondjupa,Okahandja	Base and Rare Metals, Non-Nuclear Fuel Minerals, Semi-Precious Stones
<input type="checkbox"/>		35B	ML-35B	Purity Manganese (Pty) Ltd (100.00%)	ML	Pending Renewal	05 September 1994	04 September 2014	468.7000 Ha	Namibia,D, Otjozondjupa,Okahandja	Base and Rare Metals, Non-Nuclear Fuel Minerals, Semi-Precious Stones
<input type="checkbox"/>		35C	ML-35C	Purity Manganese (Pty) Ltd (100.00%)	ML	Pending Renewal	05 September 1994	04 September 2014	638.2000 Ha	Namibia,D, Otjozondjupa,Okahandja	Base and Rare Metals, Non-Nuclear Fuel Minerals, Semi-Precious Stones
<input type="checkbox"/>		36A	ML-36A	Samicor Diamond Mining (Pty) Ltd (100.00%)	ML	Active	01 April 1994	31 March 2019		Namibia,Karas,Luderitz; N	Precious Stones
<input type="checkbox"/>		36B	ML-36B	Samicor Diamond Mining (Pty) Ltd (100.00%)	ML	Active	01 April 1994	31 March 2019	2182.3883 Ha		Precious Stones
<input type="checkbox"/>		36C	ML-36C	Samicor Diamond Mining (Pty) Ltd (100.00%)	ML	Active	01 April 1994	31 March 2019			Precious Stones
<input type="checkbox"/>		36D	ML-36D	Samicor Diamond Mining (Pty) Ltd (100.00%)	ML	Active	01 April 1994	31 March 2019	8116.9000 Ha		Industrial Minerals, Precious Stones

Licence General Details

NMD Namibia ProductionFlexiCadastré Namibia Production (5.3.2.02)FlexiCadastré ADMIN (sign out)

[License > Details](#)

5809

License Type: Exclusive Prospecting Licence
Status: Active


Application Date: 18 September 2015 00:00:00
Grant Date: 23 January 2016
Expiry Date: 22 January 2019

License Parties: Dimension Mining
Shape Official Area: 11844.8085 Ha
Last Renewal Date:

General | Parties (1) | Conditions | Shape (1) | Map References (8) | Documents | Reference Codes (1) | Commodities (1) | Groups (1) | Related Licenses | Actions Open (20) | Actions Closed (12) | Roles (1) | Audit

License Code:	5809	License Name:	
Jurisdiction:	Namibia	Application Number:	Pre-Application_EPL_128
License Type:	Exclusive Prospecting Licence	Old License Code:	
Status:	Active	Accounting Code:	
Interest:		Renewal Period:	0
Region:		License Term:	2 Years 11 Months 30 Days
Responsible Office:		License Year:	0
On Hold:	<input type="checkbox"/>	Comment:	
Archive:	<input type="checkbox"/>		
Application Date:	18 September 2015		
Peg Date:			
Grant Date:	23 January 2016		
Expiry Date:	22 January 2019		
Last Renewal Date:			
Closure Date:			
Renewal Application Date:			

TRANSFORMING THE WAY THE WORLD WORKS



Licence Details - Area

License > Details

5809

License Type: Exclusive Prospecting Licence
 Status: Active

Application Date: 18 September 2015 00:00:00
 Grant Date: 23 January 2016
 Expiry Date: 22 January 2019

License Parties: Dimension Mining
 Shape Official Area: 11844.8085 Ha
 Last Renewal Date:

General | Parties (1) | Conditions | **Shape** | Map References (8) | Documents | Reference Codes (1) | Commodities (1) | Groups (1) | Related Licenses | Actions Open (20) | Actions Closed (12) | Roles (1) | Audit

Shape Area

Official Area: 11844.8085 Hectare

Calculated Area: 11844.8085 Hectare

Define shape dynamically:

Coordinate System: GCS Bessel 1841

View coordinates in: DMS DD

Shape Parts

Part

→ Part 1

Part Coordinates: Unit: Degree

Order	Lat Deg	Lat Min	Lat Sec	N/S	Long Deg	Long Min	Long Sec	E/W
1	25	4	47.15	S	18	33	12.19	E
2	25	4	43.26	S	18	39	44.54	E
3	25	10	33.10	S	18	39	48.90	E
4	25	10	37.00	S	18	33	16.27	E

Show preview map

Obligations Completed

License > Details

5809

License Type: Exclusive Prospecting Licence

Status: Active

Application Date: 18 September 2015 00:00:00

Grant Date: 23 January 2016

Expiry Date: 22 January 2019

License Parties: Dimension Mining

Shape Official Area: 11844.8085 Ha

Last Renewal Date:

General Parties (1) Conditions Shape (1) Map References (8) Documents Reference Codes (1) Commodities (1) Groups (1) Related Licenses Actions Open (20) **Actions Closed** Roles (1) Audit

Only show ALL ALL

Hide Child Actions: Due: ALL

Direct Actions

There are 12 actions in the list.

All	Type	Status	Action	Comments	Date Due	Completed	Child Actions	Responsible User
<input type="checkbox"/>		✓	Granting		23 January 2016	23 January 2016		Frieda Flavianu
<input type="checkbox"/>		✓	Print: Title Document		23 January 2016	23 January 2016		Frieda Flavianu
<input type="checkbox"/>		✓	Receive: Notice of Intention to Grant		23 January 2016	23 January 2016		Frieda Flavianu
<input type="checkbox"/>		✓	Transfer fee from suspense account to state account		23 January 2016	23 January 2016		Frieda Flavianu
<input type="checkbox"/>		✓	Prepare Notice of Intention to Grant		24 December 2015	24 December 2015		Frieda Flavianu
<input type="checkbox"/>		✓	Minister Final Grant/Reject		17 December 2015	17 December 2015		Frieda Flavianu
<input type="checkbox"/>		✓	Summarise EPL, ML, MDRL Application		23 September 2015	23 September 2015		
<input type="checkbox"/>		✓	Assign Official EPL Code		18 September 2015	18 September 2015		
<input type="checkbox"/>		✓	Payment: Licence Fee (NAMD 2000.00 From Dimension Mining)		18 September 2015	18 September 2015		
<input type="checkbox"/>		✓	Decision: Namibian or Foreign Company (Decision: Namibian Owned)		04 September 2015	04 September 2015		Frieda Flavianu
<input type="checkbox"/>		✓	Namibian EPL: Check & Scan Receivables		04 September 2015	04 September 2015		Frieda Flavianu
<input type="checkbox"/>		✓	Shape Validation: Application (Validation shape is valid, Result shape is valid)		04 September 2015	04 September 2015		

Licence Details – Future Obligations

License > Details

5809 Application Date: 18 September 2015 00:00:00 License Parties: Dimension Mining
 Licence Type: Exclusive Prospecting Licence Grant Date: 23 January 2016 Shape Official Area: 11844.8085 Ha
 Status: Active Expiry Date: 22 January 2019 Last Renewal Date:

General Parties (1) Conditions Shape (1) Map References (8) Documents Reference Codes (1) Commodities (1) Groups (1) Related Licenses **Actions Open** Actions Closed (12) Roles (1) Audit

Only show ALL ALL Hide Child Actions: Due: ALL

Direct Actions

There are 20 actions in the list.

All	Type	Status	Name	Action	Comments	Date Due	Completed	Days Rem	Closed By	Child Actions	Parent Due	Responsible User
<input type="checkbox"/>				Quarterly Report		22 April 2016		231				Frieda Flaviano
<input type="checkbox"/>				Quarterly Report		22 July 2016		322				Frieda Flaviano
<input type="checkbox"/>				Quarterly Report		22 October 2016		414				Frieda Flaviano
<input type="checkbox"/>				Annual Expenditure (NAMD 0.00 of NAMD 0.00)		22 January 2017		506				Frieda Flaviano
<input type="checkbox"/>				Payment: Licence Fee (NAMD 2000.00 From Dimension Mining)		22 January 2017		506				Frieda Flaviano
<input type="checkbox"/>				Presentation to Ministry		22 January 2017		506				Frieda Flaviano
<input type="checkbox"/>				Quarterly Report		22 January 2017		506				Frieda Flaviano
<input type="checkbox"/>				Quarterly Report		22 April 2017		596				Frieda Flaviano
<input type="checkbox"/>				Quarterly Report		22 July 2017		687				Frieda Flaviano
<input type="checkbox"/>				Quarterly Report		22 October 2017		779				Frieda Flaviano
<input type="checkbox"/>				Annual Expenditure (NAMD 0.00 of NAMD 0.00)		22 January 2018		871				Frieda Flaviano
<input type="checkbox"/>				Payment: Licence Fee (NAMD 2000.00 From Dimension Mining)		22 January 2018		871				Frieda Flaviano
<input type="checkbox"/>				Quarterly Report		22 January 2018		871				Frieda Flaviano
<input type="checkbox"/>				Quarterly Report		22 April 2018		961				Frieda Flaviano
<input type="checkbox"/>				Quarterly Report		22 July 2018		1052				Frieda Flaviano
<input type="checkbox"/>				Quarterly Report		22 October 2018		1144				Frieda Flaviano
<input type="checkbox"/>				Receive: Renewal Application		22 October 2018		1144				Frieda Flaviano
<input type="checkbox"/>				Annual Expenditure (NAMD 0.00 of NAMD 0.00)		22 January 2019		1236				Frieda Flaviano
<input type="checkbox"/>				Expiry		22 January 2019		1236				Frieda Flaviano
<input type="checkbox"/>				Quarterly Report		22 January 2019		1236				Frieda Flaviano

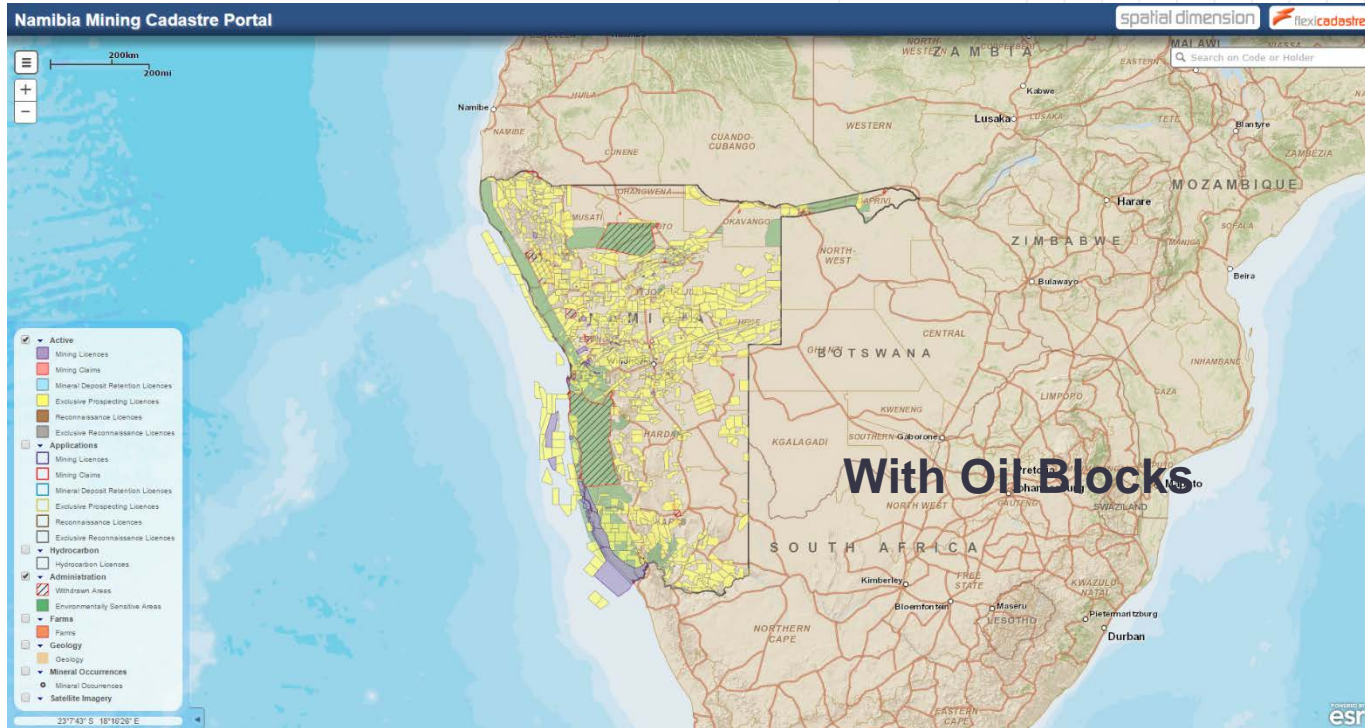
Shape sync tool to GeoSurvey

Namibia has a virtual feature class set up so that an Export runs as a scheduled task daily at 6 AM from C:\Data\Scripts and exports to C:\ShapeFileExport



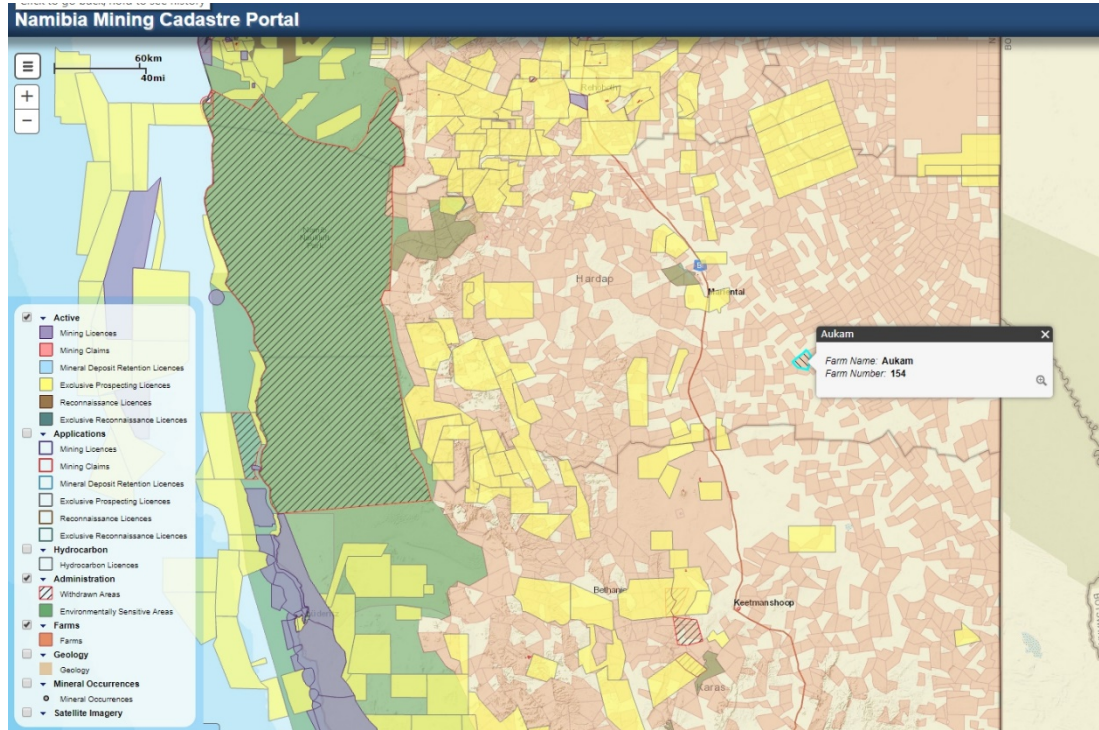
GeoSurvey then imports this shape file into their system with shape and business data

Online Map Portal

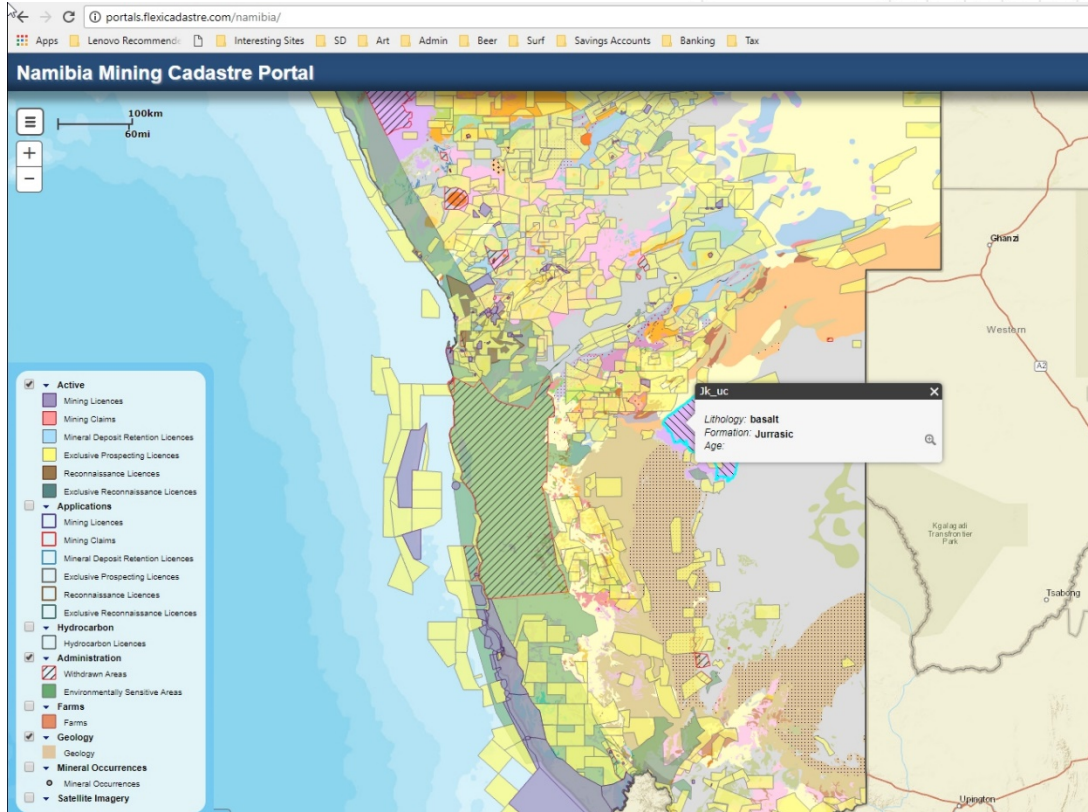


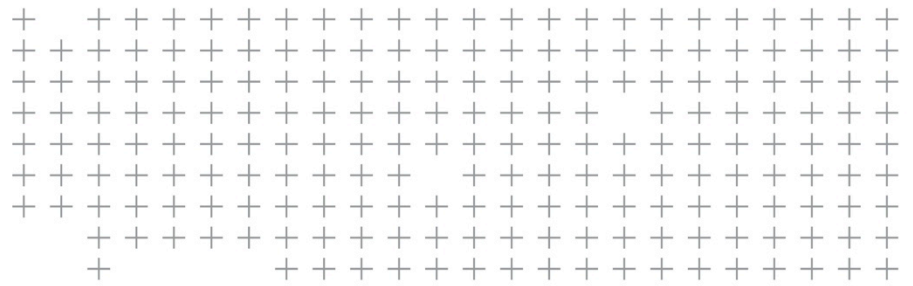
<http://portals.flexicadastre.com/Namibia>

Online Map Portal - farms



Online Map Portal - geology





Challenges Faced

Timelines with Data

- Specifically Small Scale (Claims)

Claims > Search New Search

Code: Jurisdiction: Status Group:
Name: Type Group: Claims Status:
Party: Type: SEARCH
more...

Search returned 1597 results(16613.7609 Ha)

All	Map	Code	Parties	Type	Commodities	Status Group	Status	Region	Application Date	Grant Date	Expiry Date	Area	Map Reference	Commodity Groups
<input type="checkbox"/>		51522	Onganja Mining Company (Pty) Ltd (100%)	MC	BRM	Active	Active			01/April/1994	31/March/2017	16.8153 Ha	Namibia,J, K, Khomas,Windhoek; Otjozondjupa,Okahandja	Base and Rare Metals
<input type="checkbox"/>		51523	Onganja Mining Company (Pty) Ltd (100%)	MC	BRM	Active	Active			01/April/1994	31/March/2017	18.1577 Ha	Namibia,J, K, Khomas,Windhoek; Otjozondjupa,Okahandja	Base and Rare Metals
<input type="checkbox"/>		52604	Picture Stone (Pty) Ltd (100%)	MC	DS	Active	Active			01/April/2011	31/March/2013			Dimension Stone
<input type="checkbox"/>		52605	Picture Stone (Pty) Ltd (100%)	MC	DS	Active	Active			01/April/2011	31/March/2013			Dimension Stone

Coordinate System

- Unique coordinate system (Bessel 1841)
 - Needed custom Transformation Parameters

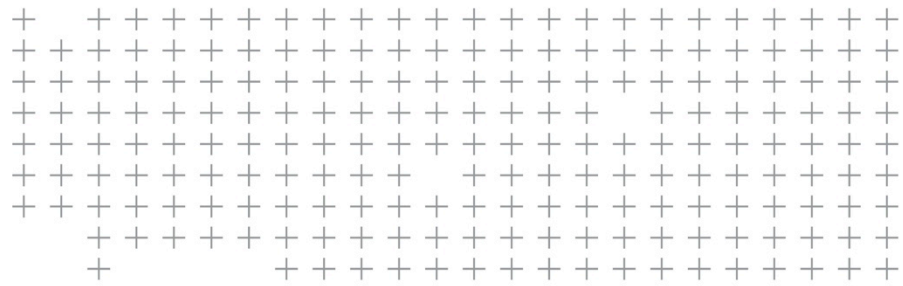
Admin Tools > Spatial Settings > Coordinate Systems

There are 2 Coordinate systems in the list.

1

All	Coordinate System	Coordinate System	Coordinate System Type
<input type="checkbox"/>	GCS Bessel 1841	GCS Bessel 1841	Geographic
<input type="checkbox"/>	PCS Albers (Bessel 1841)	PCS Albers (Bessel 1841)	Projected

1



Benefits of a Modern Mining Cadastre Management System for Mines Department

Manage a Large Licence Database

Licenses > Search

Code: Jurisdiction: Status Group:
Name: Type Group: Status:
Party: Type: Saved Searches:

SEARCH

more...

Search returned 8923 results (53912772.9177 Ha)

1 2 3 4 5 6 7 8 9 10 ...

All	Map	Code	Parties	Type	Commodities	Status Group	Status	Region	Application Date	Grant Date	Expiry Date	Area	Map Reference	Commodity Groups
<input type="checkbox"/>		0	Unknown Unknown (100%)	NEPL		Inactive	Expired			18/February/1999	18/February/2000			Base and Rare Metals, Non-Nuclear Fuel Minerals, Precious Metals, Precious Stones, Semi-Precious Stones
<input type="checkbox"/>		1	Gazanla One Hundred and Thirteen (Pty) Ltd (100%)	ML	BRM, Nnf, PM, PS, SPS	Active	Active			18/May/1967	31/March/2019	449.4737 Ha	Namibia,B, Otjozondjupa,Grootfontein	Base and Rare Metals, Non-Nuclear Fuel Minerals, Precious Metals, Precious Stones, Semi-Precious Stones
<input type="checkbox"/>		1	African Mining and Trust Co. Ltd (0%)	NEPL		Inactive	Expired							
<input type="checkbox"/>		-1		NEPL		Inactive	Inactive							
<input type="checkbox"/>		2	African Mining Syndicate (Pty) Ltd (100%)	NEPL		Inactive	Expired							
<input type="checkbox"/>		3	Anglo American Prospecting Company (Pty) Ltd. (100%)	NEPL		Inactive	Expired							
<input type="checkbox"/>		3	Ongopolo Mining (Pty) Ltd (100%)	ML	Nnf, PM, PS, SPS	Active	Active			05/February/1994	31/March/2019	15.8000 Ha	Namibia, Erongo, Karas, Windhoek	Base and Rare Metals, Non-Nuclear Fuel Minerals, Precious Metals, Precious Stones, Semi-Precious Stones
<input type="checkbox"/>		4	Arandis Tin Mines (100%)	NEPL		Inactive	Expired							
<input type="checkbox"/>		4A	Aus Marble (Pty) Ltd (100%)	ML	DS	Active	Active			01/April/1994	31/March/2019	55.2390 Ha	Namibia,Karas,Luderitz; N	Dimension Stone
<input type="checkbox"/>		4B	Aus Marble (Pty) Ltd (100%)	ML	DS	Active	Active			01/April/1994	31/March/2019	18.6274 Ha	Namibia,Karas,Luderitz; N	Dimension Stone
<input type="checkbox"/>		4C	Aus Marble (Pty) Ltd (100%)	ML	DS	Active	Active			01/April/1994	31/March/2019	3.4020 Ha	Namibia,Karas,Luderitz; N	Dimension Stone
<input type="checkbox"/>		4D	Aus Marble (Pty) Ltd (100%)	ML	DS	Active	Active			01/April/1994	31/March/2019	5.8000 Ha	Namibia,Karas,Luderitz; N	Dimension Stone
<input type="checkbox"/>		5	Atlantic Guano Syndicate (Pty) Ltd (100%), Atlantic Guano Syndicate (Pty) Ltd (0%)	NEPL		Inactive	Expired							
<input type="checkbox"/>		6	August Brusius (100%)	NEPL		Inactive	Expired							
<input type="checkbox"/>		7	E. E. Beecroft (100%)	NEPL		Inactive	Expired							

Almost 9000

Small and Large Scale Licences

Users

Admin Tools > Users > View

Role: Region: User Type: Include InActive Accounts:

There are 41 Flexicadastre users in the list.

All	Full Name	User Name	Domain Name	Role Abbreviations	Account Active	Authentication	Role on Licenses	Role on Groups	Role on Agreements
<input type="checkbox"/>	Mowzer	Mowzer			True	FlexiCadastre	0	0	0
<input type="checkbox"/>	Abedt Tsauseb	Abedt.Tsauseb		SMRO	True	FlexiCadastre	0	0	0
<input type="checkbox"/>	Abraham Ilende	Abraham.Ilende		DD	True	FlexiCadastre	0	0	0
<input type="checkbox"/>	Agrippina Amunyela	Agrippina.Amunyela		RO	True	FlexiCadastre	0	0	0
<input type="checkbox"/>	Agnes Hausiku	Agnes.Hausiku			True	FlexiCadastre	0	0	0
<input type="checkbox"/>	Andreas Mutota	Andreas.Mutota			True	FlexiCadastre	0	0	0
<input type="checkbox"/>	Andrew Muteka	Andrew.Muteka			True	FlexiCadastre	0	0	0
<input type="checkbox"/>	Asser Goagoseb	Asser.Goagoseb		SMRO	True	FlexiCadastre	0	0	0
<input type="checkbox"/>	Aune Andreas	Aune.Andreas		ECO	True	FlexiCadastre	0	0	0
<input type="checkbox"/>	Bonifatus Tjaritje	Bonifatus.Tjaritje		ECO	True	FlexiCadastre	0	0	0
<input type="checkbox"/>	Brian Beukes	Brian.Beukes		HMRO	True	FlexiCadastre	0	0	0
<input type="checkbox"/>	Charlton G Butkus	Charlton.Butkus		PC	True	FlexiCadastre	0	0	0
<input type="checkbox"/>	Danzen Isaak	Danzen.Isaak		CHMRO, CMRO	True	FlexiCadastre	0	0	0
<input type="checkbox"/>	Edison Tjikune	Edison.Tjikune			True	FlexiCadastre	0	0	0
<input type="checkbox"/>	Erasmus Shivolo	Erasmus.Shivolo		MC	True	FlexiCadastre	0	0	0
<input type="checkbox"/>	FlexiCadastre ADMIN	admin			True	FlexiCadastre	0	0	0
<input type="checkbox"/>	Florence Hoebes	Florence.Hoebes			True	FlexiCadastre	0	0	0
<input type="checkbox"/>	Frieda Flavianu	Frieda.Flavianu		CG, CM	True	FlexiCadastre	0	0	0
<input type="checkbox"/>	Helena Itamba	Helena.Itamba		ECO	True	FlexiCadastre	0	0	0
<input type="checkbox"/>	Helmi Ipinge	Helmi.Ipinge			True	FlexiCadastre	0	0	0
<input type="checkbox"/>	Ian Brumfitt	ian.brumfitt			True	FlexiCadastre	0	0	0
<input type="checkbox"/>	Isak Katali	Isak.Katali			True	FlexiCadastre	0	0	0
<input type="checkbox"/>	Jafet Aeebeb	Jafet.Aeebeb		CHMRO	True	FlexiCadastre	0	0	0
<input type="checkbox"/>	Jenice Shifotoka	Jenice.Shifotoka		PC	True	FlexiCadastre	0	0	0
<input type="checkbox"/>	Jeremia Simon	Jeremia.Simon		GEO	True	FlexiCadastre	0	0	0
<input type="checkbox"/>	Innae Nakala	Innae.Nakala		C	True	FlexiCadastre	0	0	0

+/- 35 Users

With Different Roles related to tasks (actions)

License > Details

General Parties (1) Conditions Shape (1) Map References (14) Documents Reference Codes (2) Commodities (3) Agreements Groups (3) Related Licenses Actions Open (13) **Actions Closed** Roles (7) Discussions Audit

Only show: ALL ALL Hide Child Actions: Due: ALL

Direct Actions

There are 22 actions in the list.

All	Type	Status	Action	Comments	Date Due	Completed	Days Rem	Accounting Code	Child Actions	Responsible User
<input type="checkbox"/>		✓	Annual Expenditure (NAMD 56235.00 of NAMD 0.00)		01/February/2016	06/July/2016				Chief Geologist
<input type="checkbox"/>		✓	Quarterly Report		01/February/2016	06/July/2016				Geologist
<input type="checkbox"/>		✓	Quarterly Report		01/May/2016	06/July/2016				Geologist
<input type="checkbox"/>		✓	Quarterly Report		01/November/2015	29/October/2015				Geologist
<input type="checkbox"/>		✓	Quarterly Report		01/August/2015	30/July/2015				Geologist
<input type="checkbox"/>		✓	Presentation to Ministry	Not Done	01/February/2016	30/April/2015				Chief Geologist
<input type="checkbox"/>		✓	Quarterly Report (Hardcopy)		01/May/2015	27/April/2015				Geologist
<input type="checkbox"/>		✓	Transfer fee from suspense account to state account		17/February/2015	23/February/2015				Payment Clerk
<input type="checkbox"/>		✓	Print: Title Document		17/February/2015	20/February/2015				Chief Geologist
<input type="checkbox"/>		✓	Granting		17/February/2015	17/February/2015				Chief Geologist
<input type="checkbox"/>		✓	Receive: Notice of Intention to Grant (Hardcopy)		15/February/2015	17/February/2015				Chief Geologist
<input type="checkbox"/>		✓	Granting Recommendations		16/November/2014	16/January/2015				Chief Geologist
<input type="checkbox"/>		✓	Prepare Notice of Intention to Grant		23/January/2015	16/January/2015				Chief Geologist
<input type="checkbox"/>		✓	Summarise EPL, ML, MDRL Application		21/August/2014	21/August/2014				Geologist
<input type="checkbox"/>		✓	Assign Official EPL Code		18/August/2014	18/August/2014				Payment Clerk
<input type="checkbox"/>		✓	Decision: Namibian or Foreign Company (Decision: Namibian Owned)		18/August/2014	18/August/2014				Chief Geologist
<input type="checkbox"/>		✓	Decision: Rectify Shape, Withdrawn Application or Continue with Overlaps / Warnings (Decision: Change Shape)		18/August/2014	18/August/2014				Cartographer
<input type="checkbox"/>		✓	Namibian EPL: Check & Scan Receivables		18/August/2014	18/August/2014				Chief Geologist
<input type="checkbox"/>		✓	Payment: Licence Fee (NAMD 2000.00 From Earthmaps Consulting CC)		18/August/2014	18/August/2014				Payment Clerk
<input type="checkbox"/>		✓	Shape Change: Application		18/August/2014	18/August/2014				Cartographer
<input type="checkbox"/>		✓	Shape Validation: Application (Validation shape is invalid, Result shape is valid)		18/August/2014	18/August/2014				Cartographer
<input type="checkbox"/>		✓	Shape Validation: Application (Validation shape is valid, Result shape is valid)		18/August/2014	18/August/2014				Cartographer

Mines Cadastre System (1)

❖ New Licence Wizards and Homepage Tasks allow accurate capture cadastre data

Search Home

Warning: See errors in FlexiCadastre Diagnostic Report
Warning: See list of failed back end process requests

Recently Accessed
There are 37 Results in the list.
1 2 3 4 5 6 7 8

Type	Name	Description
Action	Shape Validation: Application on EPL-5731 (5731)	Shape Validation: Application (Validation shape is invalid, Result shape is valid)
License	EPL-5731 (5731)	Namibia, Exclusive Prospecting Licence, Active
Action	Shape Validation: Application on EPL-5731 (5731)	Shape Validation: Application (Validation shape is valid, Result shape is valid)
License	EPL- (6453)	Namibia, Exclusive Prospecting Licence, Application
License	Test-954	Namibia, Test Areas, Pre-Application

1 2 3 4 5 6 7 8

License Summary			
License Type Group	Application	Active	Inactive
Claims	758	834	5
Exploration	811	1336	4987
Mining	40	151	1

Action Summary		
Actions	All Actions	My Actions
Overdue:	15682	0
Due today:	1	0
Due this week:	42	0

I want to...
Add a License
Add a new Exclusive Prospecting Licence
Add a new Mineral Deposit Retention Licence
Add a new Mining Claim
Add a new Mining Licence
Add a new Non-Exclusive Prospecting Licence
Add a new Reconnaissance Licence
Test a New Area

I want to...
Schedule New Action
Add a Penalty Fee
Cancel a Licence
Change Commodity or Increase Size
Decrease Licence Size
Discovery of EV Mineral Reported
Put Licence on Hold
Relinquish a Licence
Renew an NEPL
Take Licence Off Hold
Transfer a HC
Transfer a HL / EPL / RL / MDRL
Withdraw an Application

My Reports

View	Name	Report Type
	vh_cg	License Search

Mines Cadastre System (2)

❖ Shape Validations

Actions > Edit > Shape Validation

5731
License Type: Exclusive Prospecting Licence
Status: Active

Application Date: 18/August/2014 00:00:00
Grant Date: 02/February/2015
Expiry Date: 01/February/2018

License Parties: Earthmaps Consulting CC (100%)
Shape Official Area: 6571.9977 Ha
Last Renewal Date:

Shape Validation : Shape Validation: Application

Action Documents Reference Codes Work Accounts Discussions Audit

Created By: Exclusive Prospecting Licence Application > Shape Validation: Application
Due Date: 18/August/2014

Validation Result Validation Shape Comparison Shape Result Shape Validation Shape Configuration Result Shape Configuration

Validation has been run

RUN VALIDATION

The validation shape is: **Invalid**

Message

- ✓ Shape is not larger than maximum area (100000.0000 Hectare)
- ✗ Shape overlaps 2 licenses
- ✓ Shape overlaps 0 restricted areas

The validation shape overlaps 2 licenses:

Code	Name	Type	Type Group	Status	Overlap	
✗ 5526	EPL-5526	EPL	Exploration	Active	0.0072 Ha	highlight
✗ 4800	EPL-4800	EPL	Exploration	Active	59.8485 Ha	highlight

Map Legend

- Validation Shape
- Result Shape

Mines Cadastre System (3)

❖ Notifies of up and coming obligations including renewals and expiries

❖ Ensures full data auditing

+	Namibia SMS Application Receipt
+	Namibia SMS Notification Annual Fee
+	Namibia SMS Notification Annual Licence Fee Overdue
+	Namibia SMS Notification Expiry
+	Namibia SMS Notification ML Annual Fee
+	Namibia SMS Notification NEPL or claim approved
+	Namibia SMS Notification of Intention to cancel
+	Namibia SMS Notification of Intention to Grant
+	Namibia SMS Notification of Intention to Grant Amend and endorse
+	Namibia SMS Notification of Intention to Grant Renewal and endorse
+	Namibia SMS Notification of Intention to Grant Transfer and endorse
+	Namibia SMS Notification of Intention to Refuse

License > Details

5731 Application Date: 16/August/2014 00:00:00 License Parties: Earthmaps Consulting CC (100%)
License Type: Exclusive Prospecting Licence Grant Date: 02/February/2015 Shape Official Area: 6571,9977 Ha
Status: Active Expiry Date: 01/February/2018 Last Renewal Date:

General Parties (1) Conditions Shape (1) Map References (14) Documents Reference Codes (2) Conventions (3) Agreements Groups (3) Related Licences Actions Open (13) Actions Closed (22) Roles (7) Discussions Audit

There are 93 Audit Entries in the list.

All	Description	Attribute	Old Value	New Value	Audit Type	Date	User	Context Type	Context Description
	Action Quarterly Report on EPL-5731 (5731) was Changed	Action				Changed 06/July/2016 10:35:39	Frieda Flavlaru	User Interface	Action Editor
	Action Quarterly Report on EPL-5731 (5731) was Changed	Action				Changed 06/July/2016 10:35:38	Frieda Flavlaru	User Interface	Action Editor
	Action Annual Expenditure on EPL-5731 (5731) was Changed	Action				Changed 06/July/2016 10:01:53	Frieda Flavlaru	User Interface	Action Editor
	Action Quarterly Report on EPL-5731 (5731) was Changed	Action				Changed 03/November/2015 10:51:40	Frieda Flavlaru	User Interface	Action Editor
	Action Spend Notification: Title Document On License EP-5731 (5731) Due 20 Feb 2015 was Removed	Action				Changed 16/September/2015 09:23:49	Frieda Flavlaru	User Interface	Action Editor
	Action Spend Notification: Intention to Grant On License EPL-5731 (5731) Due 16 Jan 2015 was Removed	Action				Changed 16/September/2015 09:23:49	Frieda Flavlaru	User Interface	Action Editor
	Action Granting Recommendations On License EPL-5731 (5731) Due 16 Nov 2014 was Removed	Action				Changed 16/September/2015 09:23:48	Frieda Flavlaru	User Interface	Action Editor
	Action Quarterly Report on EPL-5731 (5731) was Changed	Action				Changed 16/September/2015 09:23:25	Frieda Flavlaru	User Interface	Action Editor
	Action Quarterly Report on EPL-5731 (5731) was Changed	Action				Changed 12/May/2015 09:19:04	Heimi Ipioge	User Interface	Action Editor
	Action Presentation to Ministry on EPL-5731 (5731) was Changed	Action				Changed 30/April/2015 09:49:52	Frieda Flavlaru	User Interface	Action Editor
	Status changed from Application to Active	Status	Application	Active		Changed 24/February/2015 11:24:37	Kamili Sisofo	Business Rule	Rule: Update status: Active (Exclusive Prospecting Licence Maintenance)
	Action Expiry on EPL-5731 (5731) was Added	Action				Changed 24/February/2015 11:24:25	Kamili Sisofo	Business Rule	Rule: Update License Status to Active (Schedule 'Expiry' once off at License Expiry Date)
	Action Receive: Renewal Application on EPL-5731 (5731) was Added	Action				Changed 24/February/2015 11:24:11	Kamili Sisofo	Business Rule	Rule: Receive: Renewal application (Exclusive Prospecting Licence Maintenance) Schedule 'Receive: Renewal Application' once off at License Expiry Date Minus 3 Months, Direction: Incoming
	Action Annual Expenditure on EPL-5731 (5731) was Added	Action				Changed 24/February/2015 11:24:11	Kamili Sisofo	Business Rule	Rule: Annual Expenditure (Exclusive Prospecting Licence Maintenance) Schedule 'Annual Expenditure' every 3 years starting at License Grant Date Plus 1 Years Minus 1 Days ending at License Expiry Date. Reporting from Trigger Action Due Date Minus 1 Years to Trigger Action Due Date Minus 1 Days, Direction: Sub Category: 1st Quarter(Expenditure), Fixed Amount of: 0 NAMD, Sub Category: 2nd Quarter(Expenditure), Fixed Amount of: 0 NAMD, Sub Category: 3rd Quarter(Expenditure), Fixed Amount of: 0 NAMD, Sub Category: 4th Quarter(Expenditure), Fixed Amount of: 0 NAMD

Mines Cadastre System (4)

❖ Real time and distributed reporting

astre NMD Namibia Production FlexiCadastre Namibia Production (5.4.0.10) Ian Brumfit logged in as Frieda Fla (sign out)

Reports > View


Report Schema: ALL

There are 11 My Reports in the list.

All	View	Report	Schema	Search Type	Search Source	Last Modified	Created	Created By
<input type="checkbox"/>		2013/2014 Licences	License List	License Search	Defined License Search	04/07/2014	04/07/2014	Frieda Flaviano
<input type="checkbox"/>		4477	License Details	License Search	Defined License Search	18/07/2014	18/07/2014	Frieda Flaviano
<input type="checkbox"/>		Brandberg Tantalite Mining (Pty) Ltd	License Details	License Search	Defined License Search	09/07/2014	09/07/2014	Frieda Flaviano
<input type="checkbox"/>		Brandberg Tantalite Mining (Pty) Ltd	License List	License Search	Defined License Search	09/07/2014	09/07/2014	Frieda Flaviano
<input type="checkbox"/>		EPL and ML in Erongo Region	License Details	License Search	Defined License Search	21/07/2014	21/07/2014	Frieda Flaviano
<input type="checkbox"/>		Epls with exp in the past	License List	License Search	Defined License Search	11/09/2015	24/03/2014	Frieda Flaviano
<input type="checkbox"/>		Licence pending Renewal	License List	License Search	Defined License Search	15/07/2014	15/07/2014	Frieda Flaviano
<input type="checkbox"/>		ML	License List	License Search	Defined License Search	07/07/2014	07/07/2014	Frieda Flaviano
<input type="checkbox"/>		ML and EPL Active in Erongo region	License Details	License Search	ML and EPLs in the Erongo Region	21/07/2014	21/07/2014	Frieda Flaviano
<input type="checkbox"/>		ML and EPL in Erongo Region	License List	License Search	Defined License Search	25/07/2014	25/07/2014	Frieda Flaviano
<input type="checkbox"/>		Small Miners of Uis	License List	License Search	Defined License Search	09/07/2014	09/07/2014	Frieda Flaviano

Mines Cadastre System (5)

- Generate auto-populated documents easily at the push of a button


REPUBLIC OF NAMIBIA

MINISTRY OF MINES AND ENERGY

Tel: +264 61 264-4111
Fax: +264 61 226043 / 226044
E-mail: info@mme.gov.na
Website: www.mme.gov.na

*J. Avontse Road
Private Box 12237
WINDHOEK*

Enquiries: **Mijon Shiongo** 12 May 2014

Reference No: Test-313

The Directors
A. Neuhaus & Company
2nd Floor, Sanlam Building, Windhoek, 2558, Namibia

NOTICE TO APPLICANT OF PREPAREDNESS TO GRANT APPLICATION FOR EXCLUSIVE PROSPECTING LICENCE No. Test-313.

In terms of Section 48(4) of the Minerals (Prospecting and Mining) Act, No. 33 of 1992, notice is hereby given that the Minister is prepared to grant your new application, lodged on **07 May 2014**, for an exclusive prospecting licence in respect of **Base and Rare Metals**, Groups of Minerals over an area of land as shown in the attached diagrams, subject to the terms and conditions contained in the attached schedule, which terms and conditions supplement the terms, conditions and provisions of the said Act.

Your attention is drawn to the provisions of Section 48(5) of the said Act, which require that within one (1) month from the date of this notice, written acceptance of such terms and conditions must be received by the Commissioner, failing which the application will be deemed to have lapsed.

Kindly acknowledge your acceptance of such terms and conditions by-

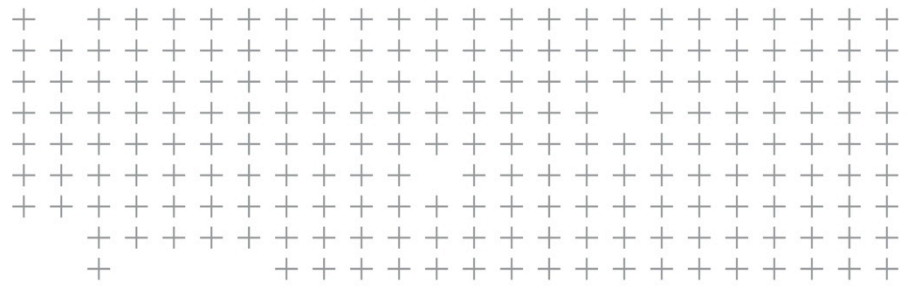
- completing the section at the bottom of this notice;
- initialing each page of the schedule and the diagrams; and
- returning such signed and initialed documents to the Commissioner.

MR. E. I. SHIVOLO
MINING COMMISSIONER

All official correspondence must be addressed to the Permanent Secretary

Lessons to Goals (Revisited)

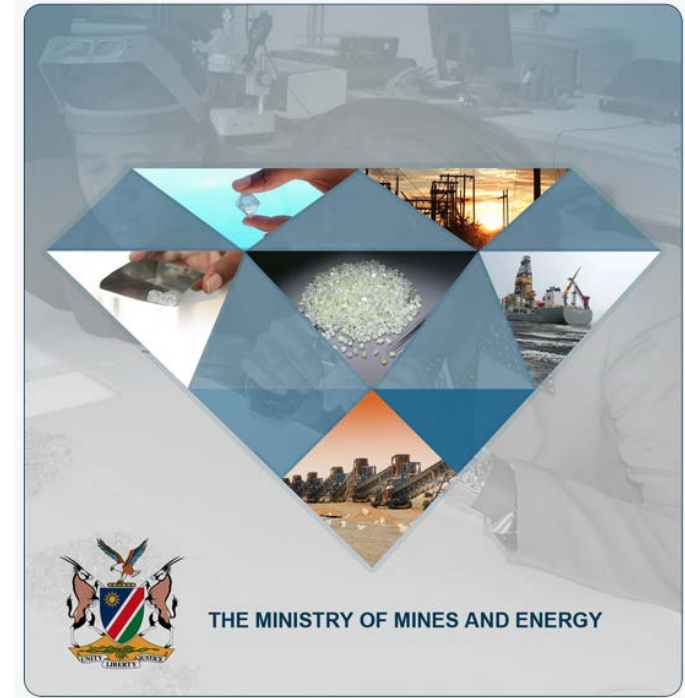
- Lessons from previous system:
 - Data input cumbersome ✓
 - Data in, nothing out... ✓
 - Public not informed unless manually sent a letter ✓
 - Manually generate documents i.e. Title Docs ✓
 - Better links between business data and Spatial data (and the GeoSurvey) ✓



 **Future**

Extend Landfolio to other departments


- Diamonds
 - monitoring of diamond prospecting, mining and downstream activities.
 - Kimberly Process certification Scheme.
- Petroleum
 - Upstream Processes **EXPLORATION, PRODUCTION & PROMOTION**
 - Downstream Processes **PETROLEUM SUPPLY & DISTRIBUTION**



Landfolio e-Government Portal


Rights holders & registered stakeholders
End-to-end business processes
Improved revenue collection & compliance





Ministry of Mining

Mining Cadastre Portal



Licence Portfolio

- All Licences
- Applications
- Active Licences
- Inactive Licences
- Pending Verification

Licence Management

- Apply for New Licence

Profile

- Edit My Details
- Edit Company Details
- Sign Out

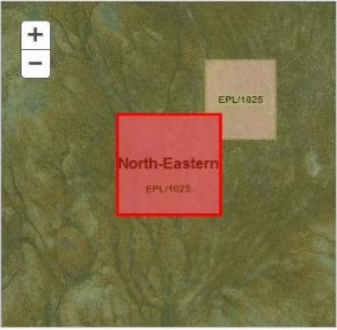
External Links

- Mining Cadastre Map
- Madini Facebook
- Madini Twitter
- Share on Social Media

Licence Summary

Code	EPL/1023
Type	Exclusive Prospecting License
Status	Active
Owner	Test Company Ltd
Application Date	22/01/2015
Granting Date	07/04/2015
Expiry Date	06/04/2018
Commodities	COAL
Location	North-Eastern, Wajir
Official Area	17.1117 km ²

[Coordinates](#)



Licence Data Verification: Submit Verification Response

Verify licence data [Submit](#)

Submit Proof of Payment		
Due Date	Description	Link
06/07/2017	Report: Quarterly	Submit
06/10/2017	Report: Quarterly	Submit
06/01/2018	Report: Quarterly	Submit

Pending Laws and the Portal

- Electronic Transaction and cyber-crime Act (Bill).



BILL

To provide for a general framework for the promotion of the use of electronic transactions in government services and private contracts; to provide for the legal recognition of electronic transactions; to provide for the admission of electronic evidence; to provide for consumer protection in electronic commerce; to regulate the liability of service providers for actions of their clients; to provide for the protection of critical and important data; to create certain offences; to create certain powers for the investigation of offences and to provide for matters incidental thereto.

(Introduced by the Minister of Information Communications and technology)

Thank you...

