

# PROSPECTING WORK PROGRAMME

SUBMITTED FOR A PROSPECTING RIGHT APPLICATION WITH  
BULK SAMPLING



**mineral resources**

Department:  
Mineral Resources  
REPUBLIC OF SOUTH AFRICA

Name of Applicant:

**VINCENT JOHN LEWIS**

**ID NR: 450206 5091 085**

**SLYPKLIP SOUTH ESTATE 36**

**STATE LAND 33**

**MORGENZON 35**

**NORTHERN CAPE**

AS REQUIRED IN TERMS OF SECTION 16 READ TOGETHER WITH REGULATION 7(1) OF  
THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT (ACT 28 OF 2002)

1. REGULATION 7.1 (a)

**FULL PARTICULARS OF THE APPLICANT**

*Table 1: Applicant's Contact Details*

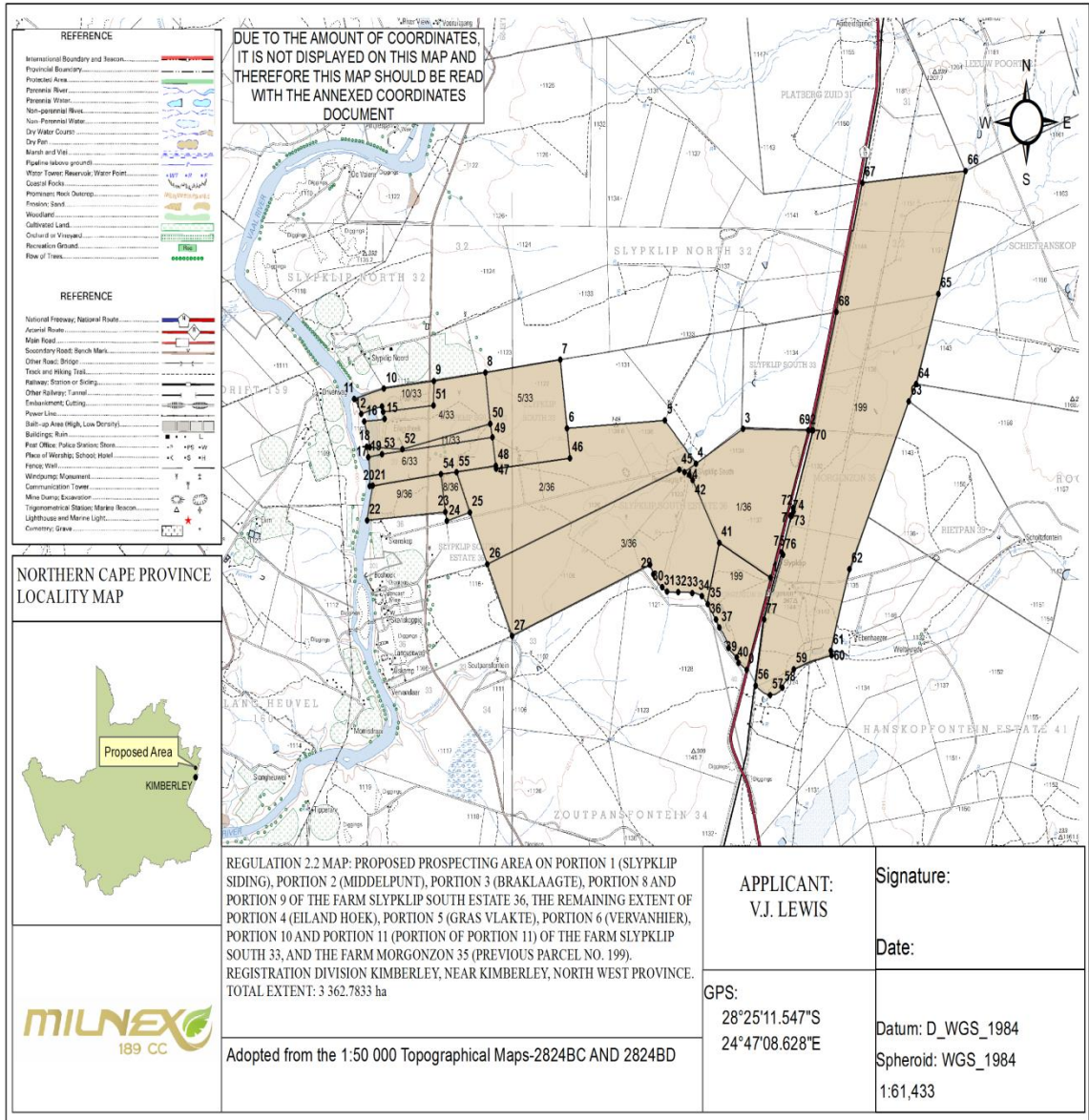
ITEM	COMPANY CONTACT DETAILS
Name	Vincent John Lewis ID: 450206 5091 085
Tel no	053 385 2491
Fax no	053 963 2009
Cellular no	074 258 8907
Email address	Dino.lewis@petradiamonds.com
Postal address	48 Mozart Laan Kimberley 8300

*Table 2: Consultant's Details*

ITEM	CONSULTANT CONTACT DETAILS (If applicable)
Name	Japie van Zyl Attorneys
Tel no	053 963 2008
Fax no	053 963 2009
Cellular no	082 924 6687
Email address	japie@japievzylprok.co.za
Postal address	P.O. Box 960 Schweizer-Reneke 2780

2. REGULATION 7(1)(b)

**PLAN CONTEMPLATED IN REGULATION 2(2) SHOWING THE LAND TO WHICH THE APPLICATION RELATES**



FID	X	Y	X2	Y2
0	24° 47' 39.565''' E	28° 26' 40.051''' S	24.79432353	-28.44445862
1	24° 47' 55.766''' E	28° 25' 53.383''' S	24.79882376	-28.4314954
2	24° 48' 21.693''' E	28° 24' 38.658''' S	24.8060258	-28.41073846
3	24° 47' 37.023''' E	28° 24' 37.909''' S	24.79361745	-28.41053016
4	24° 47' 4.923''' E	28° 24' 55.439''' S	24.78470096	-28.4153998
5	24° 46' 43.949''' E	28° 24' 33.518''' S	24.77887482	-28.40931064
6	24° 45' 37.120''' E	28° 24' 37.529''' S	24.760311	-28.41042462
7	24° 45' 32.617''' E	28° 24' 2.761''' S	24.75906015	-28.40076703
8	24° 44' 41.494''' E	28° 24' 9.211''' S	24.74485949	-28.40255872
9	24° 44' 6.411''' E	28° 24' 13.469''' S	24.73511404	-28.40374152
10	24° 43' 32.394''' E	28° 24' 17.482''' S	24.72566511	-28.40485609
11	24° 43' 12.235''' E	28° 24' 22.594''' S	24.72006533	-28.40627614
12	24° 43' 17.012''' E	28° 24' 30.291''' S	24.72139234	-28.40841407
13	24° 43' 31.157''' E	28° 24' 26.376''' S	24.72532131	-28.40732662
14	24° 43' 31.730''' E	28° 24' 29.197''' S	24.72548053	-28.40811015
15	24° 43' 32.846''' E	28° 24' 32.760''' S	24.7257906	-28.40910006
16	24° 43' 18.982''' E	28° 24' 34.157''' S	24.72193934	-28.40948803
17	24° 43' 22.682''' E	28° 24' 47.084''' S	24.72296731	-28.41307889
18	24° 43' 20.789''' E	28° 24' 46.944''' S	24.72244129	-28.41303989
19	24° 43' 21.800''' E	28° 24' 52.135''' S	24.72272227	-28.41448182
20	24° 43' 22.822''' E	28° 25' 6.934''' S	24.72300619	-28.41859265
21	24° 43' 24.745''' E	28° 25' 6.732''' S	24.72354022	-28.41853666
22	24° 43' 20.896''' E	28° 25' 24.306''' S	24.72247107	-28.42341842
23	24° 44' 14.221''' E	28° 25' 19.995''' S	24.73728374	-28.42222072
24	24° 44' 15.402''' E	28° 25' 24.638''' S	24.73761173	-28.42351067
25	24° 44' 30.977''' E	28° 25' 20.236''' S	24.74193794	-28.42228779
26	24° 44' 42.943''' E	28° 25' 46.429''' S	24.74526194	-28.42956352
27	24° 44' 59.820''' E	28° 26' 22.942''' S	24.74994994	-28.43970613
28	24° 46' 33.713''' E	28° 25' 46.783''' S	24.77603129	-28.42966204
29	24° 46' 35.975''' E	28° 25' 51.483''' S	24.77665985	-28.43096756
30	24° 46' 41.984''' E	28° 25' 58.078''' S	24.77832888	-28.43279937
31	24° 46' 45.295''' E	28° 26' 0.331''' S	24.77924868	-28.43342538
32	24° 46' 52.921''' E	28° 26' 0.694''' S	24.78136704	-28.43352608
33	24° 47' 2.619''' E	28° 26' 1.073''' S	24.7840609	-28.43363152
34	24° 47' 9.094''' E	28° 26' 2.796''' S	24.78585952	-28.43411
35	24° 47' 13.087''' E	28° 26' 6.695''' S	24.78696864	-28.43519296
36	24° 47' 18.627''' E	28° 26' 14.681''' S	24.78850741	-28.43741142
37	24° 47' 20.890''' E	28° 26' 18.687''' S	24.78913624	-28.43852421
38	24° 47' 27.296''' E	28° 26' 28.970''' S	24.7909156	-28.44138043
39	24° 47' 32.823''' E	28° 26' 33.854''' S	24.7924509	-28.4427373
40	24° 47' 34.175''' E	28° 26' 36.688''' S	24.79282637	-28.44352452
41	24° 47' 20.886''' E	28° 25' 35.563''' S	24.78913493	-28.42654539
42	24° 47' 2.712''' E	28° 25' 3.817''' S	24.78408661	-28.41772698
43	24° 47' 0.552''' E	28° 25' 1.010''' S	24.78348668	-28.41694722
44	24° 46' 57.183''' E	28° 24' 59.712''' S	24.78255084	-28.41658672
45	24° 46' 53.783''' E	28° 24' 58.618''' S	24.78160627	-28.4162827
46	24° 45' 39.134''' E	28° 24' 52.752''' S	24.76087055	-28.4146533
47	24° 44' 48.781''' E	28° 24' 58.057''' S	24.74688364	-28.41612681
48	24° 44' 48.524''' E	28° 24' 56.420''' S	24.74681229	-28.41567217

3. REGULATION 7(1)(c)

**THE REGISTERED DESCRIPTION OF THE LAND TO WHICH THE APPLICATION RELATES**

1. Portion 1 (Slypklip Siding) of the farm Slypklip South Estate 36;  
Registration Division: Kimberley RD  
Extent: 329.0810 hectares  
Title Deed: T1680/2002  
Province: Northern Cape
  
2. Portion 2 (Middelpunt) of the farm Slypklip South Estate 36;  
Registration Division: Kimberley RD

Extent: 471.5680 hectares

Title Deed: T1678/2015

Province: Northern Cape

3. Portion 3 (Braklaagte) of the farm Slypklip South Estate 36;  
Registration Division: Kimberley RD  
Extent: 546.2076 hectares  
Title Deed: T5856/1996  
Province: Northern Cape
4. Portion 8 of the farm Slypklip South Estate 36;  
Registration Division: Kimberley RD  
Extent: 26.0495 hectares  
Title Deed: T1678/2015
5. Portion 9 of the farm Slypklip South Estate 36,  
Registration Division: Kimberley RD  
Extent: 73.1059 hectares  
Title Deed: T4476/2011
6. Remaining extent of portion 4 (Eiland Hoek) of the farm Slypklip South 33,  
Registration Division: Kimberley RD  
Extent: 148.9107 hectares  
Title Deed: 2002/2014
7. Portion 5 (Gras vlakte) of the farm Slypklip South 33,  
Registration Division: Kimberley RD  
Extent: 213.2650 hectares  
Title Deed: T784/1989
8. Portion 6 (vervanhier) of the farm Slypklip South 33  
Registration Division: Kimberley RD  
Extent: 101.3335 hectares

Title Deed: T1678/2015

9. Portion 10 of the farm Slypklip South 33

Registration Division: Kimberley RD

Extent: 40.2507 hectares

Title Deed: T2331/1997

10. Portion 11 (portion of portion 11) of the farm Slypklip South 33

Registration Division: Kimberley RD

Extent: 21.5277 hectares

Title Deed: T1678/2015

11. The farm Morgenzon 35

Registration Division: Kimberley RD

Extent: 1391.4837 hectares

Title Deed: T564/1999

**4. REGULATION 7(1)(d) and (e)**

**THE MINERAL OR MINERALS TO BE PROSPECTED FOR**

*Table 4.1: Minerals to be prospected for*

ITEM	DETAIL
Type of mineral(s)	Diamonds Alluvial (DA) Diamonds General (D)
Type of mineral continued	n/a
Locality (Direction and distance from nearest town)	The property is located approximately 15km South East of Windsorton in the Northern Cape Province.
Extent of the area required for prospecting	3362.7833 hectares
Geological formation	The area is underlain by the following geological types. Outcrops of the andesitic lavas of the Ventersdorp

Supergroup, which is mostly overlain by calcrete, occur in isolated patches as rocky hills. Outcrops of tillite of the Dwyka Formation and shale of the Prince Albert Formation (Karoo Sequence) occur in the north-north-western part of the study area. The largest part of the study area is underlain by Aeolian sand and sometimes alluvial gravels of tertiary to recent age covering Dwyka tillite. Surface limestones occur sporadically in the area. During the 1920s relatively rich diamond deposits were found in the ancient gravel filled water course of the Vaal River within area. The heaps of mixed gravel still present in the area attest to the disturbance to which it was subjected.

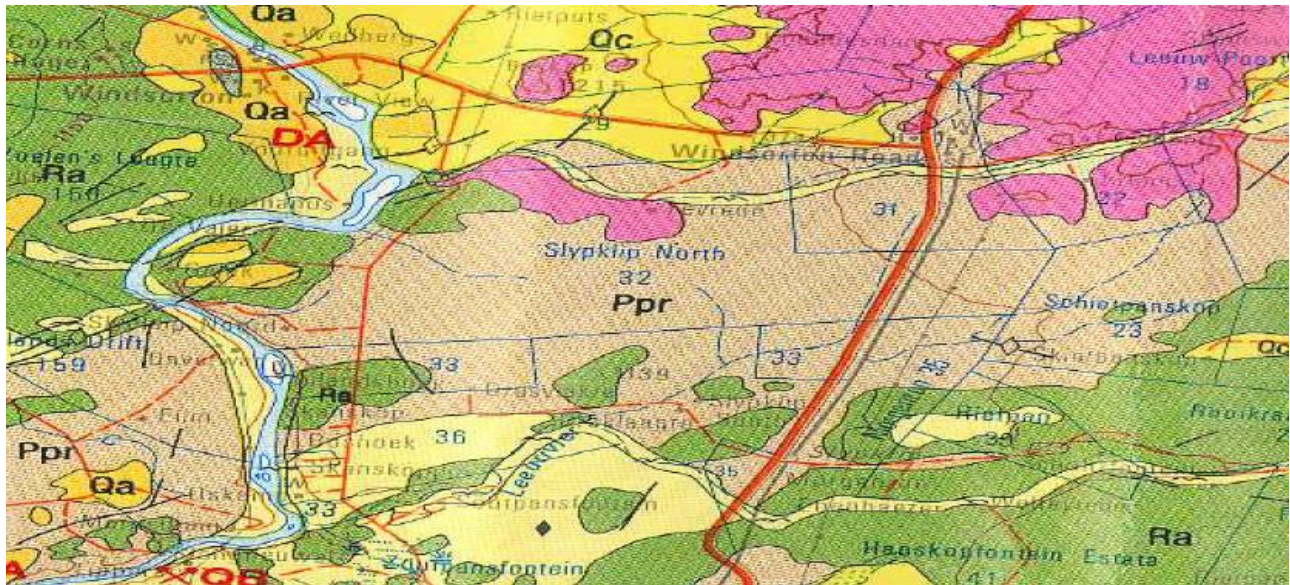
The lavas are green to grey-green in colour. The non-amygdaloidal varieties occur within the study area. The amygdaloidal, which comprise quartz, agate, chalcedony and carnelian are a major source of the Vaal River agates. Stratigraphically the lavas belong to the Allenridge formation and represents the uppermost volcanic stage of the Ventersdorp Supergroup. Quartzites of the Bothaville formation which underlies the Allenridge formation, rarely outcrop within the study area and are usually exposed where alluvial diggings have removed the surficial deposits.

	<p>The older gravels within the study area occur in channels or so-called “sluits”. One prominent “sluit” is found within the study area, however there exists no evidence in the literature to suggest that the channels are sites of eroded kimberlite dykes.</p>
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**4.2 Description why the Geological formation substantiates the minerals to be prospected for (provide a justification as to why the geological formation supports the possibility that the minerals applied for could be found therein)**

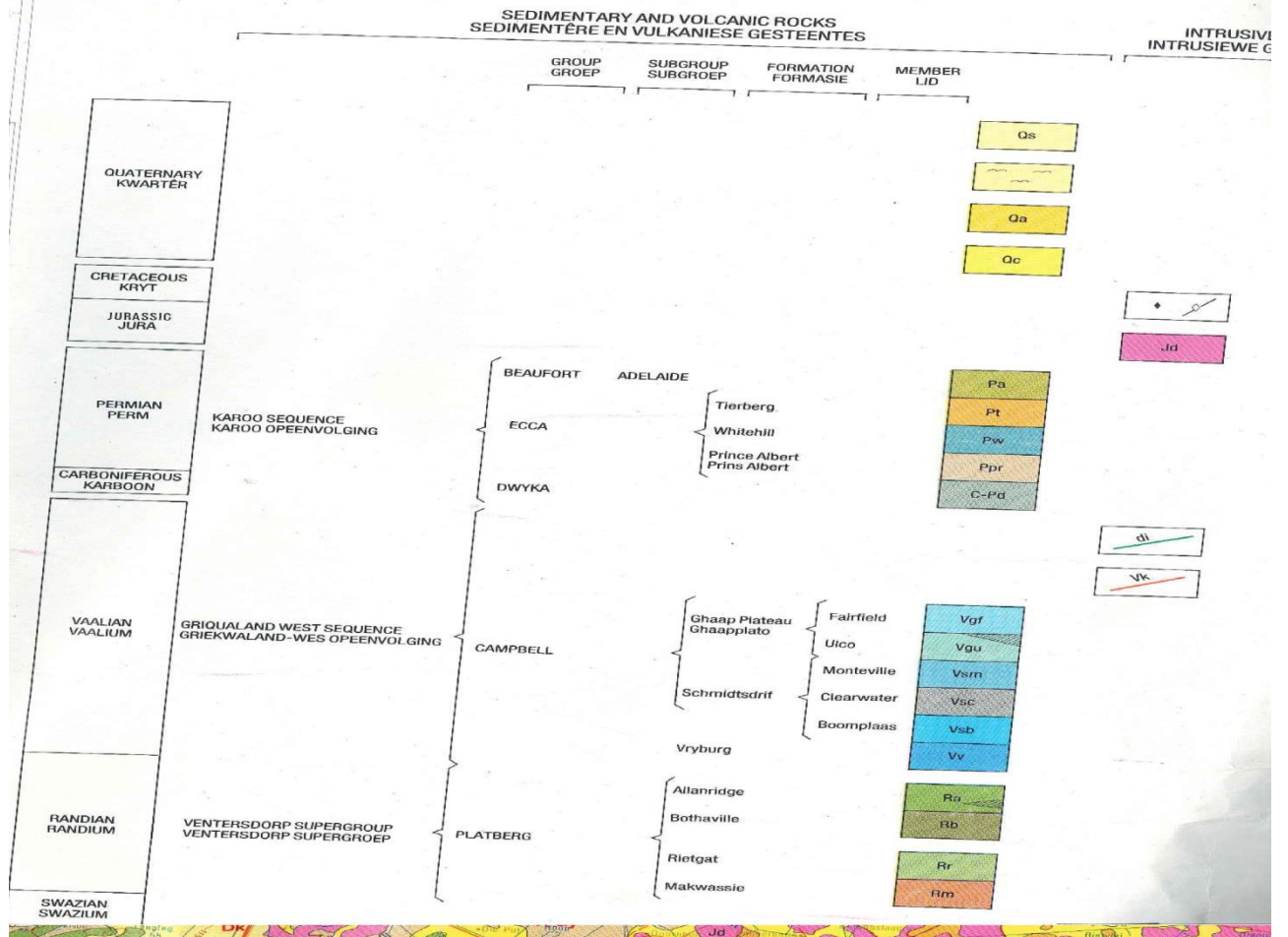
There are various operational alluvial diamond mines adjacent to these properties on which applications for prospecting rights have been lodged. In house information exist which substantiate the reasons for this application.

**4.3 Attach a geological map that justifies the description why there is a possibility that the minerals applied for could occur on the land concerned.**





# GEOLOGICAL LEGEND GEOLOGIESE LEGENDE



## LITHOLOGY LITOLOGIE

- Qa Alluvial diamondiferous gravel  
Alluviale diamantdraende gruis
- Qc Calcrete, calcified pandune and surface limestone  
Kalkreot, verkalkte panduin en oppervlakkalksteen
- ~ Alluvium and scree  
Alluvium en glooiingspuin
- Qs Sand: Red and grey aeolian dune sand  
Sand: Rooi en grys eoliese duinsand
- ◆ Kimberlite pipe (◆), fissure (—)  
Kimberletyp (◆), spleet (—)
- Jd Dolerite: dolerite dyke shown as (—)  
Doleriet: dolerietgang aangetoon deur (—)
- Pa Mudstone, sandstone  
Moddersteen, sandsteen
- Ppr Shale  
Skalie
- Pt Shale, siltstone, sandstone  
Skalie, siltsteen, sandsteen
- Pw White-weathering carbonaceous shale  
Witverwerende koolstofhoudende skalie
- C-Pd Tillite, sandstone, mudstone, shale  
Tilliet, sandsteen, moddersteen, skalie
- di Diabase dyke (—)  
Diabaasgang (—)
- Vgf Coarsely crystalline recrystallised dolomite with interbedded chert and limestone  
Grofkristallyne hergekristalliseerde dolomiet met tussengelaagde chert en kalksteen
- Vgu Fine-grained dolomite and stromatolitic limestone with interbedded chert;  
Fynkorrelrige dolomiet en stromatolitiese kalksteen met tussengelaagde chert; gestreepte ysterformasie marker aan die bokant (—)
- Vk Quartz-porphry dyke (—)  
Kwartsporfiergang (—)
- Vsb Oolitic, pisolitic and stromatolitic limestone with interbedded dolomite, siltstone and shale  
Oolitiese, pisolitiese en stromatolitiese kalksteen met tussengelaagde dolomiet, siltsteen en skalie
- Vsc Shale with interbedded dolomite and limestone  
Skalie met tussengelaagde dolomiet en kalksteen
- Vsm Dolomite with stromatolitic limestone, quartzite, shale, flagstone and chert  
Dolomiet met stromatolitiese kalksteen, kwartsiet, skalie, plaveisteen en chert
- Vv Siltstone, shale, quartzite, gritstone and conglomerate  
Siltsteen, skalie, kwartsiet, grintsteen en konglomeraat
- Ra Andesite, in places amygdaloidal and/or porphyritic; quartzite and conglomerate lens near bottom (—)  
Andesiet, op plekke amandelhoudend en/of porfirities; kwartsiet-en-konglomeraatlens naby onderkant (—)
- Rb Quartzite, conglomerate  
Kwartsiet, konglomeraat
- Rm Quartz-porphry  
Kwartsporfier
- Rr Andesite, dacite, volcanic breccia, tuff, chert  
Andesiet, dasiet, vulkaniese breksie, tuf, chert
- ZA Granite, gneiss, amphibolite, pegmatite

## 5. REGULATION 7(1)(f)

### **A DESCRIPTION OF HOW THE MINERAL RESOURCE AND MINERAL DISTRIBUTION OF THE PROSPECTING AREA WILL BE DETERMINED**

#### **5.1 SITE VISIT**

A formal site visit will be done within 90 days after the prospecting right was executed.

#### **5.2 DESKTOP STUDIES**

Desktop studies will be undertaken after a site investigation was done to determine the target areas including the identification of any infrastructure to be build and any potential problems that may need to be addressed.

#### **5.3 PITTING**

Pits will be digged by an excavator to look for gravel. If gravel is found, the applicant will determine the composition and quality of the gravel.

#### **5.4 TRENCHES**

The applicant will proceed with this way of prospecting by means of the open cast / trenching method, simultaneously or after pitting depending on the information obtained from the earlier work done. The trenches will be digged to remove and to wash the gravel. It will be washed by 1 x 16 feet washing pan to determine diamond proceeds per 100 ton of gravel.

#### **5.5 CONSOLIDATION AND INTERPRETATION OF RESULTS DATA**

All data will be consolidated and processed to determine the diamond bearing resource on the property. This will be a continuous process throughout the prospecting work program.

## **REGULATION 7(1)(h)**

### **ALL PLANNED PROSPECTING ACTIVITIES MUST BE CONDUCTED IN PHASES AND WITHIN SPECIFIC TIMEFRAMES**

PHASE	PROSPECTING METHOD	0 - 3	4 – 6	7 - 48	49-60
1	Site Visit	x			
2	Desktop Studies		X		
3	Pitting			X	
4	Trenches			X	
5	Consolidation and interpretation of results data; Preparation of mining right application or renewal of the prospecting right.				X

**REGULATION 7(1)(i)**

**TECHNICAL DATA DETAILING THE PROSPECTING METHOD OR METHODS TO BE IMPLEMENTED AND THE MINE REQUIRED FOR EACH PHASE OF THE PROPOSED PROSPECTING OPERATION**

**PHASE 1 – SITE VISIT**

GENERAL	A site visit will be conducted within 3 months after execution of the Prospecting Right. It is envisaged that the information will be obtained from the site visit to do the desktop studies and other prospecting activities.
TIMEFRAME	0-3 months
COSTS	R5 000
TECHNICAL SUPPORT	Environmental Consultant – Milnex 189 CC Geologist – Pierre de Jager

## PHASE 2– DESKTOP STUDIES

1.	GENERAL	Desktop studies will be undertaken after the site investigation has been done to determine the target areas including the identification of any infrastructure to be built and any potential problems that may need to be addressed.
2.	TIMEFRAME	3 months (4 -6)
3.	COSTS	R5 000
4.	TECHNICAL SUPPORT	Environmental Consultant – Milnex 189 CC Geologist – Pierre de Jager

## PHASE 3 – PITTING

1.	GENERAL	The information obtained from the desktop studies will be used to draw up a pitting map. The location and GPS coordinates of where pits will be dug, will be indicated on this map (pitting location map). Pits will then be dug by an excavator on these mapped coordinated points. If gravel is found the applicant will determine the composition and quality of the gravel. It is envisaged that the pits will determine the location and intersection of mineralization.
2.	TIMEFRAME	42 months
3.	NUMBER OF PITS	200
4.	EXTENT	3m x 2m x 5m
5.	CALCULATION	Area: 3362.7833 hectares Pit every 16 hectares
6.	COSTS	R500 x 200 = R100 000.00
7.	TECHNICAL SUPPORT	Environmental Consultant – Milnex 189 CC Geologist – Pierre de Jager 1 X Excavator

**PHASE 4 – TRENCHES**

1.	GENERAL	<p>The applicant will proceed with this way of prospecting by means of the open cast / trenching method, simultaneously or after pitting and depending on the results. The location where the trenches will be digged, will be determined after the gravel has been located by conducting the desktop studies and the digging of pits. The trenches will be digged on the parts of the property where the gravel is located. Trenches will be sited on the resource map according to the coordinate of each of the trenches made. The trenches will be digged to remove and wash the gravel. It will be washed by a 16 feet washing pan to determine diamond proceeds per 100 ton of gravel. The trenches will be sited to determine the geological representivity. Overburden will be stripped and placed next to the trench as determined in the EMP. Gravel will be removed and transported to the plant to be washed. Tailings will be returned to the excavation to fill it up. Hereafter overburden will be dumped in the excavation where after topsoil will be placed in the excavation.</p>
2.	TIMEFRAME	42 months
3.	NUMBER OF TRENCHES	50
4.	EXTENT	50m x 20m x 5m
5.	CALCULATION	<p>Area: 3362.7833 hectares Trench every 67 hectares</p>
6.	COSTS	R5, 000 x 50 = R250 000.00
7.	TECHNICAL SUPPORT	<p>2 x 30t Excavators 2 x 20t Front end Loaders 2 x 16ft washing pans + Conveyor</p>

		Screens 1 x 135 kw Electrical Generator 1 x Finlay Screen 1 x Scrubber 1 x Diam0nd Drill / Perishing Drill 2 x 45t Dumpers DMS Sorting Plant
8.	TONS TO BE WASHED	50m x 20m x 2m x 1.8 x 50 = 180, 000 tons

#### **PHASE 5– CONSOLIDATION AND INTERPRETATION**

1.	GENERAL	All data will be consolidated and processed to determine the diamond bearing resource on the property. This will be a continuous process throughout the prospecting work. Each phase of prospecting will be followed by desktop studies involving interpretation and modeling of all data gathered and how the applicant will proceed with the work program in terms of activity, quantity, resources expenditures and duration. A pre-feasibility study will be done to determine the preliminary economic assessment of the resource and to determine whether additional evaluation of the deposit will be warranted to increase confidence in the resource estimation. Prospecting work will be conducted by a multi-disciplinary team to determine whether the resource can be viable exploited and if the results can support an application for a mining right.
2.	TIMEFRAME	12 months
3.	COSTS	R5 000
4.	TECHNICAL SUPPORT	Environmental Consultants, Geologist – Pierre de Jager

**Table 5.1 The table below incorporates the information required in respect of Regulations 7(1)(f), 7(1)(h) and 7(1)(i):**

Phase	Activity	Skill(s) required	Timeframe	Outcome	Timeframe for outcome	What technical expert will sign off on the outcome?
One	<b>Non-Invasive Prospecting</b> Site Visit	Environmental Consultant, geologist	Month 0 – 3	Finalization of the prospecting work to be done	Month 3	Environmental Consultants – Milnex Geologist – Pierre de Jager
Two	<b>Non-Invasive Prospecting</b> Desktop Studies	Environmental Consultant, geologist	Month 4 - 6	The finalization of the map for pitting	Month 6	Milnex – Environmental Consultants
Three	<b>Invasive Prospecting</b> Pitting	Environmental Consultant, geologist	Month 7 - 48	Obtaining information about location of the gravel and where bulk samples will be made	Month 48	Milnex - Environmental Consultants Geologist - Pierre de Jager
Four	<b>Invasive Prospecting</b> Trenches	Environmental Consultant, Machine Operators, Pan Operators, Mine Health and Safety, Environmental	Month 7 - 48	The determination of the diamond resource bearing resource, the extent of the resource, the life of mine, diamond proceeds per 100 tons of gravel washed (cpht) and average price per carat for the diamonds	Month 48	Milnex - Environmental Consultants Geologist – Pierre de Jager
Five	<b>Non-Invasive Prospecting</b> Consolidation and interpretation of results	Environmental Consultant,geologist	Month 49 – 60	The extent of the resource, The life of mine	Month 60	Milnex - Environmental Consultants Geologist - Pierre de Jager

## 6 REGULATION 7 (1)(g)

### **A DESCRIPTION OF THE PROSPECTING METHOD OR METHODS TO BE IMPLEMENTED**

#### **(i) DESCRIPTION OF PLANNED NON-INVASIVE ACTIVITIES:**

(These activities do not disturb the land where prospecting will take place e.g. aerial photography, desktop studies, aeromagnetic surveys, etc)

##### **1. Site Visit**

A formal site visit will be done within 90 days after the prospecting right was executed.

##### **2. Desktop Studies**

Desktop studies will be undertaken after the site investigation has been done to determine the target areas including the identification of any infrastructure to be build and any potential problems that may need to be addressed.

##### **3. Consolidation and interpretation of results data**

All data will be consolidated and processed to determine the diamond bearing resource on the property. This will be a continuous process throughout the prospecting work program.

#### **(ii) DESCRIPTION OF PLANNED INVASIVE ACTIVITIES:**

(These activities result in land disturbances e.g. sampling, drilling, bulk sampling, etc)

##### **1. Pitting**

After the desktop studies, the applicant will use the info to draw a pitting map. The location and GPS coordinates of where the first pits will be digged, will be indicated on the map also referred to as a pitting location map. Pits will then be digged by an excavator at these mapped coordinated points. If gravel is found, the applicant will determine the composition and quality of the gravel. For proper evaluation of the composition and the quality of the gravel it is necessary for the applicant



to dig these prospecting pits. It is envisaged that the pits will determine the location and intersection of mineralization. The location of the further pits to be digged will be determined as pits are digged.

**2. Trenches**

The applicant will proceed with this way of prospecting by means of the open cast / trenching method, simultaneously or after pitting. The location of the trenches will be determined after the gravel has been located by conducting the desktop studies and the digging of pits. The trenches will be digged on the parts of the property where the gravel is located. Trenches will be sited on the resource map according to the coordinate of each of the trenches made. The trenches will be digged to remove and wash the gravel. It will be washed by a 1 x 16 feet washing pans to determine diamond proceeds per 100 ton of gravel. The trenches will be sited to determine the geological representivity. Overburden will be stripped and placed next to the trench as determined in the EMP. Gravel will be removed and transported to the plant to be washed. Tailings will be returned to the excavation to fill it up. Hereafter overburden will be dumped in the excavation where after topsoil will be placed in the excavation.

**Commitment to provide addendums in respect of additional prospecting activities**

I herewith commit to provide the Department of Mineral Resources with an addendum in respect of both the EM Plan and Prospecting Work Program regarding any future in-fill prospecting required but not described above, prior to undertaking such activities. The addendum will cover all the Regulations as per the Prospecting Work Program.

I agree that the addendums will provide for similar activities only and if the scope changes I would be required to apply in terms of Section 102 of the MPRDA for an amendment of the Prospecting Work Program.

ACCEPT	X
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**(iii) DESCRIPTION OF PRE-FEASIBILITY STUDIES**

(Activities in this section includes but are not limited to: initial, geological modeling, resource determination, possible future funding models, etc)

All data will be consolidated and processed to determine the diamond bearing resource on the property. This will be a continuous process throughout the prospecting work program.

**(iv) DESCRIPTION OF BULK SAMPLING ACTIVITIES**

This activity requires that an application in terms of Section 20 of the Act is specifically included in your application for a prospecting right and cannot be proceeded with if such permission is not specifically granted.

See annexure “D” for an application in terms of Section 20 of the Act

**Table 6.1: Bulk Sampling Activities**

ACTIVITY		DETAILS		
Number of pits/trenches planned		200 Pits ; 50 Trenches		
Dimensions of pits/trenches, per pit/trench	Number of pits/trenches	Length	Width	Depth
	200 pits	3m	x 2m	x 5m
	50 trenches	50m	x 20m	x 5m
Locality		The locality of the trenches will only be determined after the field mapping has been done and the pits have been dug.		
Volume Overburden (Waste)		50m x 20m x 3m x 50 = 150 000m <sup>3</sup>		
Volume Ore		50m x 20m x 2m x 50 = 100 000m <sup>3</sup>		
Density Overburden		1.5		
Density Ore		1.8		
Phase(s) when bulk sampling will be required		Phase 4		

<b>Timeframe(s)</b>	Pitting: 42 months Trenches: 42 months
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**Commitment to provide for an addendum in respect of additional bulk sampling activities**

I herewith commit to provide the Department of Mineral Resources with an addendum to the Prospecting Work Program, and an Environmental Management Plan for approval prior to undertaking any future bulk sampling activities not described above.

<b>ACCEPT</b>	<b>X</b>
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**7 REGULATION 7(1)(j)(i)**

**DETAILS WITH DOCUMENTARY PROOF OF THE APPLICANT’S TECHNICAL ABILITY OR ACCESS THERETO TO CONDUCT THE PROPOSED PROSPECTING OPERATION**

**7.1 Competencies to be employed in terms of the Mine Health and Safety Act**

<b>COMPETENCIES TO BE EMPLOYED</b>
Mine Manager
Equipment Manager
Safety Officer
Electricians
Operators
Environmental Consultants
Geologist

I herewith confirm that I, in Table 9.1 have budgeted and financially provided for the required skills listed above.

<b>CONFIRMED</b>	<b>X</b>
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## 7.2 List of Appropriate equipment at your disposal (If applicable)

**Table D: Appropriate Equipment available**

2 x 30t Excavators
2 x 20t Front end Loaders
2 x 16ft washing pans + Conveyor Screens
1 x 135 kw Electrical Generator
1 x Finlay Screen
1 x Scrubber
1 x Diam0nd Drill / Perishing Drill
2 x 45t Dumpers
DMS Sorting Plant

## 7.3 Technical skills provided Free of Charge

7.3.1 Information (CV's) in respect of skills already acquired

- Environmental Consultants – see annexure “E”
- CV'S of workers – “F”
- Geologist – Pierre de Jager “G”

7.3.2 Copy of the relevant contractual agreements between the service provider and the applicant relative to the duration of the planned prospecting period, where applicable

- Environmental Consultants – see annexure “E”
- CV'S of workers – “F”
- Geologist – Pierre de Jager - “G”
- Memorandum of Agreement between applicant and contractor – “K”

7.3.3 All other evidence of Technical Ability

List of Equipment and Employees

## 8 REGULATION 7 (1)(j)(ii)

### DETAILS WITH DOCUMENTARY PROOF OF A BUDGET AND DOCUMENTARY PROOF OF THE APPLICANT'S FINANCIAL ABILITY OR ACCESS THERETO

As proof of the applicant's financial ability or access thereto, the following documents are annexed:

- Letter of undertaking – annexure “I”
- Financial statements – annexure “J”

## 9 REGULATION 7 (1)(k)

### **A COST ESTIMATE OF THE EXPENDITURE TO BE INCURRED FOR EACH PHASE OF THE PROPOSED PROSPECTING OPERATION**

*Table 9.1*

<b>ACTIVITY</b>	<b>YEAR 1 Expenditure</b>	<b>YEAR 2 Expenditure</b>	<b>YEAR 3 Expenditure</b>	<b>YEAR 4+5 Expenditure</b>
<b>PHASE 1</b>				
Site Visit	R5 000	-	-	-
<b>PHASE 2</b>				
Desktop Studies	R5 000	-	-	-
<b>PHASE 3</b>				
Pitting	R14, 285	R28, 570	R28, 570	R28, 570
<b>PHASE 4</b>				
Trenches	R35, 715	R71, 428	R71, 428	R71, 428
<b>PHASE 5</b>				
<b>Pre-Feasibility</b>				R5, 000
<b>Labour</b>	R30, 000	R50, 000	R65, 000	R80, 000
<b>Rehabilitation</b>	R40, 000	R80, 000	R80, 000	R80, 000
<b>Diesel &amp; Maintenance</b>	R20, 000	R40, 000	R45, 000	R55, 000
<b>Annual Total</b>	R150,000	R269,998	R289,998	R239,998
			<b>Total Budget</b>	R949,994

## 10 **FINANCIAL ABILITY TO GIVE EFFECT TO THE WORK PROGRAMME**

### 10.1 **The amount required to finance the Work Program**

From the proposed budget it can be assumed that the amount of R949, 994.00 would be required to finance the Work Program.

**10.2 Detail regarding the financing arrangements**

- Letter of undertaking – “I”
- Financial Statements – “J”
- Memorandum of Agreement between applicant and contractor – “K”

**10.3 Confirmation of supporting evidence appended**

- Financial Statements – “J”
- Memorandum of Agreement between applicant and contractor – “K”

**11 Confirmation of the availability of funds to implement the proposed project**

- Financial Statements – “J”

**12 I herewith confirm that I have budgeted and financially provided for the total budget as identified in Regulation 7(1)(k).**

CONFIRMED	X
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**13 REGULATION 7(1)(m)**

**UNDERTAKING, SIGNED BY THE APPLICANT, TO ADHERE TO THE PROPOSALS AS SET OUT IN THE PROSPECTING WORK PROGRAMME**

*Table 13.1*

<b>Herewith I, the person whose name and identity number is stated below, confirm that I am the Applicant or the person authorized to act as representative of the Applicant in terms of the resolution submitted with the application, and undertake to implement this prospecting work program and adhere to the proposals set out herein.</b>	
<b>Full Names and Surname</b>	VINCENT JOHN LEWIS
<b>Identity Number</b>	450206 5091 085
<b>Date</b>	20 SEPTEMBER 2016

## **ANNEXURE D**

### **APPLICATION IN TERMS OF SECTION 20 (2) PERMISSION TO REMOVE AND DISPOSE OF MINERALS**

Name of applicant: Vincent John Lewis

ID number: 450206 5091 085

Postal address: 48 Mozart Laan

Kimberley

8300

Telephone number: 074 258 8907

Fax number: 053 963 2009

Description of area applied for:

1. Portion 1 (Slypklip Siding) of the farm Slypklip South Estate 36;  
Registration Division: Kimberley RD  
Extent: 329.0810 hectares  
Title Deed: T1680/2002  
Province: Northern Cape
2. Portion 2 (Middelpunt) of the farm Slypklip South Estate 36;  
Registration Division: Kimberley RD  
Extent: 471.5680 hectares  
Title Deed: T1678/2015  
Province: Northern Cape
3. Portion 3 (Braklaagte) of the farm Slypklip South Estate 36;  
Registration Division: Kimberley RD  
Extent: 546.2076 hectares  
Title Deed: T5856/1996  
Province: Northern Cape
4. Portion 8 of the farm Slypklip South Estate 36;  
Registration Division: Kimberley RD

Extent: 26.0495 hectares

Title Deed: T1678/2015

5. Portion 9 of the farm Slypklip South Estate 36,  
Registration Division: Kimberley RD  
Extent: 73.1059 hectares  
Title Deed: T4476/2011
  
6. Remaining extent of portion 4 (Eiland Hoek) of the farm Slypklip South 33,  
Registration Division: Kimberley RD  
Extent: 148.9107 hectares  
Title Deed: 2002/2014
  
7. Portion 5 (Gras vlakte) of the farm Slypklip South 33,  
Registration Division: Kimberley RD  
Extent: 213.2650 hectares  
Title Deed: T784/1989
  
8. Portion 6 (vervanhier) of the farm Slypklip South 33  
Registration Division: Kimberley RD  
Extent: 101.3335 hectares  
Title Deed: T1678/2015
  
9. Portion 10 of the farm Slypklip South 33  
Registration Division: Kimberley RD  
Extent: 40.2507 hectares  
Title Deed: T2331/1997
  
10. Portion 11 (portion of portion 11) of the farm Slypklip South 33  
Registration Division: Kimberley RD  
Extent: 21.5277 hectares  
Title Deed: T1678/2015



11. The farm Morgenzon 35  
Registration Division: Kimberley RD  
Extent: 1391.4837 hectares  
Title Deed: T564/1999

The applicant hereby applies for permission to remove and dispose for own account of bulk samples of alluvial diamonds and diamonds general found on the above mentioned area.

Signed at Schweizer-Reneke on 20 September 2016.

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APPLICANT

## **ANNEXURE G: UNDERTAKING**

### **UNDERTAKING OF VINCENT JOHN LEWIS**

It is hereby undertaken that Breeze Court Investments 47 (Pty) Ltd will fund the application for a prospecting right in terms of sections 16 and 17 of the Mineral and Petroleum Resources Development Act and to prospect for diamonds on:

1. Portion 1 (Slypklip Siding) of the farm Slypklip South Estate 36;  
Registration Division: Kimberley RD  
Extent: 329.0810 hectares  
Title Deed: T1680/2002  
Province: Northern Cape
  
2. Portion 2 (Middelpunt) of the farm Slypklip South Estate 36;  
Registration Division: Kimberley RD  
Extent: 471.5680 hectares  
Title Deed: T1678/2015  
Province: Northern Cape
  
3. Portion 3 (Braklaagte) of the farm Slypklip South Estate 36;  
Registration Division: Kimberley RD  
Extent: 546.2076 hectares  
Title Deed: T5856/1996  
Province: Northern Cape
  
4. Portion 8 of the farm Slypklip South Estate 36;  
Registration Division: Kimberley RD  
Extent: 26.0495 hectares  
Title Deed: T1678/2015

5. Portion 9 of the farm Slypklip South Estate 36,  
Registration Division: Kimberley RD  
Extent: 73.1059 hectares  
Title Deed: T4476/2011
  
6. Remaining extent of portion 4 (Eiland Hoek) of the farm Slypklip South 33,  
Registration Division: Kimberley RD  
Extent: 148.9107 hectares  
Title Deed: 2002/2014
  
7. Portion 5 (Gras vlakte) of the farm Slypklip South 33,  
Registration Division: Kimberley RD  
Extent: 213.2650 hectares  
Title Deed: T784/1989
  
8. Portion 6 (vervanhier) of the farm Slypklip South 33  
Registration Division: Kimberley RD  
Extent: 101.3335 hectares  
Title Deed: T1678/2015
  
9. Portion 10 of the farm Slypklip South 33  
Registration Division: Kimberley RD  
Extent: 40.2507 hectares  
Title Deed: T2331/1997
  
10. Portion 11 (portion of portion 11) of the farm Slypklip South 33  
Registration Division: Kimberley RD  
Extent: 21.5277 hectares  
Title Deed: T1678/2015
  
11. The farm Morgenzon 35  
Registration Division: Kimberley RD

Extent: 1391.4837 hectares

Title Deed: T564/1999

It is confirmed that there is money available for the conducting of the prospecting activities.  
This money will be made solely available for the conducting of the prospecting activities.

See the financial statements of Breeze Court 47 (Pty) Ltd attached to the application as proof of availability of funding.

Signed at Schweizer-Reneke on 20 September 2016

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APPLICANT