LAND DOCUMENT

RQP/DDN/2
2015/A

भारतीय गैर न्यायिक

एक सौ रुपये

Rs 100

रु 100

HUNDRED RUPEES

सत्यमेव जयते

भारत INDIA

INDIA NON JUDICIAL

उत्तर प्रदेश UTTAR PRADESH

EC 288202

तहरीर याददाश्यत /किरायानामा /ईट पथाई हेतू

हम कि [illegible] पुत्र [illegible] निवासी ग्राम शेखुपुर मुजाहिदपुर परगना मुजफराबाद व तहसील बेहट व जिला राहारनपुर ।

.........प्रथम पक्षगण

व

मैसर्स सुर्या ब्रिक्स फिल्ड ग्राम जानीपुर प्रोपराईटर बिलाल पुत्र महताब निवासी ग्राम शेखुपुर मुजाहिदपुर परगना मुजफराबाद तहसील बेहट् जिला सहारनपुर ।

द्वितीय पक्ष

यह कि प्रथम पक्षगण भुमि खसरा नम्बर 35 म रकबई 0.4435 है0 37 म रकबई 0.1943 है0 38 म रकबई 0.0957 है0 27/3 रकबई 0.1972 है0 28 म रकबई 0.1885 है0 कुल रकबा 1.0892 है0 भुमि स्थित ग्राम हमीरपुर परगना मु0वाद तहसील बेहट जिला सहारनपुर के स्वामी है जिसको प्रथम पक्ष से द्वितीय पक्ष ने वास्ते उठाने मिटटी ईट बनाने हेतू ठेके पर लेनी तय की है। अतः पक्षकार व उनके उत्तराधिकारी निम्न प्रतिज्ञाओ का पालने करने को बाध्य होते है।

IDENTIFIED BY

इसरान

बिलाल

1– यह कि प्रथम पक्षगण से द्वितीय पक्ष ने उपरोक्त भुमि को वास्ते उठाने मिटटी 4 फीट गहरी लेनी तय की है नियत अवधि 5 साल यानि 05–07–2018 से 04–07–2023 तक होगी।

2– यह कि उपरोक्त मिटटी उठापनके के लिये तय शुदा भुमि का मुआवला अकन 1500 ईटे प्रतिबीघा प्रतिवर्ष की दर से देय होगा।

3–यह कि मुआवला अदायगी के लिये प्रत्येक 31 मार्च को प्रतिवर्ष का हिसाब किया जायेगा।

4– यह कि दूसरा पक्ष नियत अवधि 5 वर्ष के अन्दर उक्त भूमि से केवल 4 फीट गहरी मिटटी उठाने का अधिकारी होगा जिसमें पहला पक्ष किसी प्रकार की कोई आपत्ति या दखलन्दाजी करने या रूकावट डालने का अधिकारी नही होगा ओर पाचॅ वर्ष पश्चात उक्त भुमि पर द्वितीय पक्ष प्रथम पक्षगण को कब्जा कराने का पाबन्द होगा । भुमि को एकसार कराने की जिम्मेदारी खेत मालिक प्रथम पक्षगण की होगी।

5– यह कि द्वितीय पक्ष भुमि में कोई निर्माण या परिवर्तन आदि करने का अधिकारी नही होगा केवल भुमि से मिटटी उठाकर ईट पाथने व कच्ची ईटो का स्टाक करने हेतू ही भुमि का प्रयोग करने का अधिकारी होगा ।

6– यह कि द्वितीय पक्ष 5 वर्ष के अन्त में केवल ली गयी भुमि को प्रथम पक्षगण के कब्जे में देने का अधिकारी होगा।

7– यह कि प्रथम पक्षगण व उसके उततराधिकारी गण उक्त भुमि का नियत अवधि में किसी भी अन्य व्यक्ति के हक में किसी प्रकार का अन्तरण या हस्तान्तरण के अधिकारी नही होगें।

8– यह कि यदि प्रथम पक्षगण ने उक्त अवधि में उक्त भुमि पर द्वितीय पक्ष को मिटटी उठाने में नियत अवधि में किसी प्रकार की कोई रूकावट उत्पन्न की तो उससे होने वाली हानि के जिम्मेदार प्रथम पक्षगण होगें।

9– यह कि भुमि का लगान प्रथम पक्षगण स्वंय अदा करेगें ।

अतःपक्षकारो ने आपसी रजामन्दी से यह इकरारनामा बतौरयाददाश्त लिख दिया कि सनद रहे ओर समय पर काम आये ।इति।

दिनॉकी

IDENTIFIED BY

Dr. Vinay Kumar Pandey
ROI/DDN/2007/15/A

बिलाल

Mahboob Kumar
NOTARY
Deoband (SRE.)
Reg. No. 2456/2003
GOVT.

(4)

जो० च० आ० पत्र - 23 भाग-1 उद्धरण

ग्राम ......हमीरपुर...... परगना ......मुजफ्फराबाद...... तहसील ......बेहट...... जिला ......सहारनपुर......

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
१६	इमरान पुत्र जमील निवासी शेखपुर मु०।	सं०भू०	१४११ फ०से	६	२६/३	0.२०५०		0.२०५०	60	१४.३५०		३.१६३	२०६१६	९.६६	६.६२	५०.०२२	सं०भू० I	३५म	0.४९३५	30	१२.४०५		बन्धक
					२८मि०	0.२०५०		0.२०५०	60	१४.३५०								३६म	0.१६४३	30	५.२३१		
					३०/४	0.४२१०		0.४२१०	60	३३.६६०								३८म	0.0६५६	५०	४.६६६		
					३१/१	0.२६६०		0.२६६०	60	१६.३६०								३कि०	0.६०३५	-	२३.०२२		
					४कि०	१.१६२०		१.१६२०	-	८१.६६०	२४.१०						II	२६/३म	0.१६६२	60	१३.२०४		
		चकदार का १/३ अंश			४कि०	0.३८६३		0.३८६३	-	२६.२५३	८.०३							२८म	0.१२८५	60	१३.१६६		
				८	२६	0.६२५०		0.६२५०	४०	२५.०००								२कि०	0.३८५६	-	२६.०००		
					३५	0.६६३०		0.६६३०	30	२८.२६०							योग	५कि०	१.०८६२	-	५०.०२२	२६.११	
					३६	0.0900		0.0900	30	0.300													
					३८	0.६६३०		0.६६३०	30	२८.२६०													
					४कि०	२.५६१०		२.५६१०		८३.०८०	६३.२०												
		चकदार का ५/६ अंश			४कि०	0.८००३		0.८००३		२५.६६२	२१.६५												
		सम्पूर्ण योग			८कि०	१.१२६६		१.१२६६		५३.२१५	२६.६२												

आदेशानुसार श्रीमान चकबन्दी अधिकारी सहारनपुर वाद सं० 163 धारा 21(1) / 04/07/2019 मे आदेश हुआ कि ग्राम-हमीरपुर परगना मु०बाद तहसील-बेहट जिला सहारनपुर के बाबत चक सं०-16 मै० इमरान पुत्र जमील निवासी शेखपुर मुजाहिदपुर की आपत्ति स्वीकार की जाती है तथा संलग्न संशोधन तालिका निम्न प्रकार है

निकाला गया

३५मि०	0.४९३५	30	१२.४०५
३६मि०	0.१६४३	30	५.२३१
३८मि०	0.0६५६	५०	४.६६६
३कि०	0.६०३५	-	२३.०२२

२२

दिया गया

३५मि०	0.१२३४	30	५.४०३
३६मि०	0.0900	30	0.300
३८मि०	0.३२६०	30	६.८६६
३८मि०	0.१४६०	५०	६.३५०
४कि०	0.६६६४	-	२३.९२२

१५

ह० अप० २१/०५/२०१८

1429क-पी०एन०बैंक मु०बाद से इमरान पुत्र जमील नि० शेखपुर मुजाहिदपुर ने खाता सं०-9, 7 भूमि बंधक करके 300000/- लोन लिया है। ह० र० का० 2.03.15।

1408क भू०वि०बैंक मु०बाद से इमरान जुल्फान महताब पु० जमील नि० शेखपुर ख०नं० 26/0.696, 25/0.363, 36/0.010, 37/0.363 का 15/16 भाग बन्धक करके 15000/- लोन लिया है ह० 6.10.2000।

1411क पूर्वी बैंक मु०बाद से इमरान, जुल्फान, महताब पु० जमील नि० शेखपुर ने खाता सं०-20.67, 66 भाग बंधक करके 300000/- लोन लिया है ह० र० का० 18.10.11।

1429क-पी०एन०बैंक मु०बाद से इमरान पुत्र जमील नि० शेखपुर मुजाहिदपुर ने खाता सं०-9, 7 भूमि बंधक करके 300000/- लोन लिया है ह० र० का० 2.03.15।

आदेशानुसार श्रीमान च०अ० सहारनपुर वाद संख्या- 191 धारा 9क(2) / 07/05/2018 मे आदेश हुआ कि ग्राम-हमीरपुर के गाटा संख्या-23/1 व 25/1 काबिज़ान में लिप्त हो गाटा संख्या-30/4 के उत्तर-पूरब से रकबई 0.0550 है० मे काबिज़ान दर्ज हो है अप० 09/05/2018।

भारतीय गैर न्यायिक

एक सौ रुपये

Rs. 100

₹ 100

HUNDRED RUPEES

सत्यमेव जयते

24 SEP 2018

भारत INDIA

INDIA NON JUDICIAL

Ramesh Kumar NOTARY Deoband (SRE.) Reg. No. ... NOTARIAL GOVT

उत्तर प्रदेश UTTAR PRADESH

EC 288203

<u>तहरीर याददाश्यत /किरायानामा /ईट पथाई हेतू</u>

हम कि जुलफान पुत्र जमील निवासी ग्राम शेखुपुर मुजाहिदपुर परगना मुजफराबाद व तहसील बेहट व जिला सहारनपुर । ....प्रथम पक्षगण

व

मैसर्स सुर्या ब्रिक्स फिल्ड ग्राम जानीपुर प्रोपराईटर बिलाल पुत्र महताब निवासी ग्राम शेखुपुर मुजाहिदपुर परगना मुजफराबाद तहसील बेहट जिला सहारनपुर । द्वितीय पक्ष

यह कि प्रथम पक्षगण भुमि खसरा नम्बर 35 म रकबई 0.2145 है0 36 म रकबई 0.0100 है0 37 म रकबई 0.3390 है0 ~~37 म रकबई 0.1872 है0~~ 38 म रकबई 0.1500 है0 कुल रकबा 0.7135 है0 भुमि स्थित ग्राम हमीरपुर परगना मु0बाद तहसील बेहट जिला सहारनपुर के स्वामी है जिसको प्रथम पक्ष से द्वितीय पक्ष ने वास्ते उठाने मिटटी ईट बनाने हेतू ठेके पर लेनी तय की है। अतः पक्षकार व उनके उत्तराधिकारी निम्न प्रतिज्ञाओ का पालने करने को बाध्य होते है।

Ramesh Kumar NOTARY Deoband (SRE.) Reg. No. GOVT

Dr. Vinay Kumar RGP/DCA/20 2015/A

जुलफान

बिलाल

CERTIFIED

1– यह कि प्रथम पक्षगण से द्वितीय पक्ष ने उपरोक्त भुमि को वास्ते उठाने मिटटी 4 फीट गहरी लेनी तय की है नियत अवधि 5 साल यानि 05–07–2018 से 04–07–2023 तक होगी।

2– यह कि उपरोक्त मिटटी उठापनके के लिये तय शुदा भुमि का मुआवला अकन 1500 ईंटे प्रतिबीघा प्रतिवर्ष की दर से देय होगा।

3–यह कि मुआवला अदायगी के लिये प्रत्येक 31 मार्च को प्रतिवर्ष का हिसाब किया जायेगा।

4– यह कि दूसरा पक्ष नियत अवधि 5 वर्ष के अन्दर उक्त भूमि से केवल 4 फीट गहरी मिटटी उठाने का अधिकारी होगा जिसमें पहला पक्ष किसी प्रकार की कोई आपत्ति या दखलन्दाजी करने या रूकावट डालने का अधिकारी नही होगा ओर पाचॅ वर्ष पश्चात उक्त भुमि पर द्वितीय पक्ष प्रथम पक्षगण को कब्जा कराने का पाबन्द होगा । भुमि को एकसार कराने की जिम्मेदारी खेत मालिक प्रथम पक्षगण की होगी।

5– यह कि द्वितीय पक्ष भुमि में कोई निर्माण या परिवर्तन आदि करने का अधिकारी नही होगा केवल भुमि से मिटटी उठाकर ईट पाथने व कच्ची ईटो का स्टाक करने हेतू ही भुमि का प्रयोग करने का अधिकारी होगा ।

6– यह कि द्वितीय पक्ष 5 वर्ष के अन्त में केवल ली गयी भुमि को प्रथम पक्षगण के कब्जे में देने का अधिकारी होगा।

7– यह कि प्रथम पक्षगण व उसके उततराधिकारी गण उक्त भुमि का नियत अवधि में किसी भी अन्य व्यक्ति के हक में किसी प्रकार का अन्तरण या हस्तान्तरण के अधिकारी नही होगें।

8– यह कि यदि प्रथम पक्षगण ने उक्त अवधि में उक्त भुमि पर द्वितीय पक्ष को मिटटी उठाने में नियत अवधि में किसी प्रकार की कोई रूकावट उत्पन्न की तो उससे होने वाली हानि के जिम्मेदार प्रथम पक्षगण होगें।

9– यह कि भुमि का लगान प्रथम पक्षगण स्वंय अदा करेगें ।

अतःपक्षकारो ने आपसी रजामन्दी से यह इकरारनामा बतौरयाददाश्त लिख दिया कि सनद रहे ओर समय पर काम आये ।इति।

दिनॉकी

IDENTIFIED

IDENTIFIED

⑦

जोत चकबन्दी आकार–पत्र

(नियम

अस्थाई चकबन्दी योजना

गांवो हमीरपुर परगना मुजफ्फराबाद

क्रम–संख्या	खातेदार का नाम, पितृ–नाम तथा ... स्थान	भौमिक अधिकार का वर्ष	भौमिक अधिकार के प्रारम्भ होने का वर्ष	पुनरीक्षित वार्षिक रजिस्टर (जोत चकबन्दी आकार–पत्र 11) की खाता संख्या	मूल जोत: गाटा संख्या	मूल जोत: क्षेत्रफल: कुल योग	मूल जोत: क्षेत्रफल: जो चकबन्दी में सम्मिलित नहीं है	मूल जोत: क्षेत्रफल: जो चकबन्दी में सम्मिलित है	चकबन्दी किये जाने वाले गाटों अथवा उनके भागों का विनिमय अनुपात	चकबन्दी किये जाने वाले गाटों अथवा गांवों के भागों का आना–मूल्यांकन	जोत की मालगुजारी
1	2	3	4	5	6	7	8	9	10	11	12
२९	जुल्फान पुत्र जमील अहमद नि० ग्राम शेखूपुर मुजाहिदपुर।	स० भू०	पू०१३९९ फ० से	८	२६	०.६२५०		०.६२५०	४०	२५.०००	
					३५	०.९६३०		०.९६३०	३०	२८.८९०	
					३६	०.०१००		०.०१००	३०	०.३००	
					३७	०.९६३०		०.९६३०	३०	२८.८९०	
					४ कि०	२.५६१०		२.५६१०	-	८३.०८०	६३२०
				चकदारकापु/१६ अंश	४ कि०	०.८००३		०.८००३	-	२५.९६२	१९.७५
				सम्पूर्ण योग।	४ कि०	०.८००३		०.८००३	-	२५.९६२	१९.७५

~~चकबन्दी लेखपाल~~

P.T.O.

P.T.O.

(8)

-पत्र 23 (भाग 1 का उद्धरण)

(नियम 76)

ोजना (खतौनी चकबन्दी)

नकल

तहसील बेहट जिला सहारनपुर

जोत की मालगुजारी	सार्वजनिक प्रयोजनों के हेतु अंशदान का मूल्यांकन आनों में जो सिद्धान्त के विवरण में दिये गये दर के आधार पर है (स्तम्भ 11 के जोत का योग X अंशदान का प्रतिशत / 100)	सार्वजनिक प्रयोजनो का अंशदायी क्षेत्रफल में [स्तम्भ 13 X 9 (स्तम्भ 11) जोत के योग पर]	मालगुजारी, जो सार्वजनिक प्रयोजनों के लिए प्रदत्त भूमि के अंशदान के कारण कम की जाय (स्तम्भ 14 X स्तम्भ 12 / स्तम्भ 6) (जोत के योग पर)	सार्वजनिक प्रयोजनों के लिए प्रदत्त भूमि के प्रतिकर की धनराशि (स्तम्भ 15 धारा 29—ख के अधीन नियत गुणक)	प्रविष्ट किया जाने वाला शुद्ध मूल्यांकन (स्तम्भ 1 स्तम्भ 13) (जोत के योग)	प्रस्तावित जोत: भौमिक अधिकार का वर्ग	गाटा संख्या	क्षेत्रफल	विनियम, अनुपात	मूल्यांकन (आनों से)	सार्वजनिक प्रयोजनों के लिये भूमि अंशदान के कारण की जाने वाली कमी यदि कोई हो, करने के बाद खातेदार द्वारा देय मालगुजारी (स्तम्भ 12- स्तम्भ 15)
12	13	14	15	16	17	18	19	20	21	22	23
	१.५५८	०.०४८०	१.१८	४.६२	२४.४०४	स०भू०	३५म	०.२१४५	३०	६.४३५	
							३६म	०.०१००	३०	०.३००	
२०							३७म	०.३३९०	३०	१०.१६९	
.७५							३८म	०.१५००	५०	७.५००	
.६५						योग	४कि०	०.६१३५	-	२४.४०४	१८.५६

आदेशानुसार श्रीमान चकबन्दी अधिकारी सहारनपुर वाद सं० 168 धारा 21(1) 04/07/2018 मे चक सं० २६ मे निम्न संशोधन किया जाता है

निकाला गया

३५मि०	०.०३११	३०	०.९३३	५१
३७मि०	०.०१००	३०	०.३००	
३८मि०	०.००३०	५०	०.१५०	
३५मि०	०.१८३४	३०	५.५०२	१६
३६मि०	०.०१००	३०	०.३००	
३७मि०	०.३२९०	३०	९.८६९	
३८मि०	०.१४७०	५०	७.३५०	
७कि०	०.६९३५	-	२४.४०४	

दिया गया

३५मि०	०.४१३५	३०	१२.४०५	१६
३६मि०	०.१९४३	३०	५.८३१	
३८मि०	०.०९५८	५०	४.७९६	
३५मि०	०.०२९४	३०	०.८८४	५१
३६मि०	०.०१०८	३०	०.३२४	
३८मि०	०.००३५	५०	०.१७५	
६कि०	०.७४७२	-	२४.४०४	

ह० अप० 21/08/2018

चकबन्दी कर्ता

~~सहायक चकबन्दी अधिकारी~~
~~मंडल~~

P.T

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समक्ष– श्रीमान जिलाधिकारी / खंनन अधिकारी सहारनपुर।

1. मै शपथ पुर्वक बयान करता हुँ कि मेरा नाम मेहताब पुत्र श्री जीमल निवासी ग्राम शेखुपुर मु0बाद परगना मुजफराबाद तहसील बेहट जिला सहारनपुर।
2. मै शपथ पुर्वक बयान करता हुँ कि मेरा उपरोक्त नाम व पता सब सच व सही है।
3. मै शपथ पुर्वक बयान करता हुँ कि मैसैर्स सुर्या ब्रिक्स फिल्ड ग्राम जानीपुर मे मेरा पुत्र बिलाल प्रोपराईटर है मै अपने पुत्र को गाटा स0 35म रकबई 0.3350 है0 व 37 म रकबई 03727 है0 व 38म रकबई 0.0635 है0 कुल रकबा 0.7712 है0 स्थित भुमि ग्राम हमीरपुर तहसील बेहट में 4 फुट मिटटी खुदान हेतु बिना किसी प्रतिफल के अपने पुत्र बिलाल को दे रहा हुँ मै अपने पुत्र बिलाल के साथ सयुक्त रूप से रहता हुँ जमीन का मै मालिक हुँ।
4. मै शपथ पुर्वक बयान करता हुँ कि पैरा 1 ता 3 मेरे जाति इल्म में सब सच व सही है इसमें मैने कोई तथ्य नही छुपाया है सच बोलने में खुदा मेरी मदद करे।

साक्षी

शपथकर्ता Metlab

IDENTIFIED BY

शपथकर्ता

Sworn & verified before me

Mettab

Ramesh Kumar (Kashyap)
Advocate/Notary
(Govt. of India)
Deoband (SRE)

IDENTIFIED BY

NOTARY Ramesh Kumar NOTARY Deoband (SRE) Regd. No. 24.5.2003 GOVT. OF INDIA

Dr. Vinay Kumar RGP/DDN/2005 2015/A

जोत चकबन्दी आकार—

अस्थाई चकबन्दी यो

गांवों हमीरपुर परगना मुजफ्फराबाद

क्रम संख्या	खातेदार का नाम, पितृ-नाम तथा निवास-स्थान	भौमिक अधिकार का वर्ष	भौमिक अधिकार के प्रारम्भ होने का वर्ष	पुनरीक्षित वार्षिक रजिस्टर (जोत चकबन्दी आकार—पत्र 11) की खाता संख्या	मूल जोत: गाटा संख्या	मूल जोत: क्षेत्रफल: कुल योग	मूल जोत: क्षेत्रफल: जो चकबन्दी में सम्मिलित नहीं है	मूल जोत: क्षेत्रफल: जो चकबन्दी में सम्मिलित है	मूल जोत: चकबन्दी किये जाने वाले गाटों अथवा उनके भागों का विनिमय अनुपात	मूल जोत: चकबन्दी किये जाने वाले गाटों अथवा गांवों के भागों का आना—मूल्यांकन	
1	2	3	4	5	6	7	8	9	10	11	
५१	महताब पुत्र जमील अहमद नि॰ शेखूपुर मुजाहिदपुर।	स॰ भू॰	पूर्व १३६६ फ॰से	८	२६	०.६२५०		०.६२५०	४०	२५.०००	
					३५	०.६६३०		०.६६३०	३०	२८.८६०	
					३६	०.०१००		०.०१००	३०	०.३००	
					३७	०.६६३०		०.६६३०	३०	२८.८६०	
					४ किं॰	२.५६१०		२.५६१०		८३.०८०	६३.
				चकदारका ५/१६ अंश	४ किं॰	०.८००४		०.८००४		२५.६६३	१६.
				स॰ योग	४ किं॰	०.८००४		०.८००४		२५.६६३	१६.

~~चकबन्दी लेखपाल~~

P.T.O.

12

र–पत्र 23 (भाग 1 का ~~उद्धरण~~) नकल

(नियम 76)

ी योजना (खतौनी चकबन्दी)

तहसील बेहट जिला सहारनपुर

जोत की मालगुजारी	सार्वजनिक प्रयोजनों के हेतु अंशदान का मूल्यांकन आनों व जो सिद्धान्त के विवरण में दिये गये दर के आधार पर है (स्तम्भ 11 के जोत का योग X अंशदान का प्रतिशत / 100)	सार्वजनिक प्रयोजनों का अंशदायी क्षेत्रफल में [स्तम्भ 13 X 9 (स्तम्भ 11) जोत के योग पर]	मालगुजारी, जो सार्वजनिक प्रयोजनों के लिए प्रदत्त भूमि के अंशदान के कारण कम की जाय (स्तम्भ 14 X स्तम्भ 12 / स्तम्भ 6) (जोत के योग पर)	सार्वजनिक प्रयोजनों के लिए प्रदत्त भूमि के प्रतिकर की धनराशि (स्तम्भ 15 धारा 29–ख के अधीन नियत गुणक)	प्रविष्ट किया जाने वाला शुद्ध मूल्यांकन (स्तम्भ 1 स्तम्भ 13) (जोत के योग)	प्रस्तावित जोत: भौमिक अधिकार का वर्ग	प्रस्तावित जोत: गाटा संख्या	प्रस्तावित जोत: क्षेत्रफल	प्रस्तावित जोत: विनिमय, अनुपात	प्रस्तावित जोत: मूल्यांकन (आनों में)	सार्वजनिक प्रयोजनों के लिये भूमि अंशदान के कारण की जाने वाली कमी यदि कोई हो, करने के बाद खातेदार द्वारा देय मालगुजारी
12	13	14	15	16	17	18	19	20	21	22	23
	१.५५८	0.0४८0	१.१८	४.62	२४.४0५	सं०भू०	३५मि.	0.3350	30	१0.0५0	
							३6मि.	0.3626	30	११.१८0	
६3.२0							३८मि.	0.0६3५	५0	3.१६५	
१६.6५						योग	३कि०	0.6६९१	-	२४.४0५	१८.५६
१६.6५											

आदेशानुसार श्रीमान चकबन्दी अधिकारी सहारनपुर वाद सं०- 168 धारा-21(1) 04/07/2018 मे चक सं०-५१ मे निम्न संशोधन किया जाता है

निकाला गया

३५मि०	0.0२६४	30	0.८८४
३6मि०	0.0१0८	30	0.3२४
३८मि०	0.003५	५0	0.१६८
३कि०	0.0४3६	-	१.3८२

२६

दिया गया

३५मि०	0.0३११	30	0.९33
३6मि०	0.0१00	30	0.300
३८मि०	0.0030	५0	0.१५0
३कि०	0.0४४१	-	१.3८२

२६

ह०अप० 21/07/2018

~~चकबन्दी कर्ता~~

~~सहायक चकबन्दी अधिकारी मंडल~~

P.T.O.

भारतीय गैर न्यायिक
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समक्ष– श्रीमान जिलाधिकारी/ खनन अधिकारी सहारनपुर।

NOTARY 35AD 478036

1. मै शपथ पुर्वक बयान करता हुँ कि मेरा नाम नेहाल पुत्र जमील निवासी ग्राम शेखुपुर परगना मुजफराबाद तहसील बेहट जिला सहारनपुर।
2. मै शपथ पुर्वक बयान करता हुँ कि मेरा उपरोक्त नाम व पता सब सच व सही है।
3. मै शपथ पुर्वक बयान करता हुँ कि मैसर्स सुर्या ब्रिक्स फिल्ड ग्राम जानीपुर को मै अपने पुत्र बिलाल को चलाने के लिए बिना किसी प्रतिफल के दे रहा हुँ यह भटटा मेरी स्वय की जमीन पर है यह गाटा न0 788 व 789 व 790. 794 कुल रकबई 0.5630 भुमि पर स्थित है। मै अपने पुत्र बिलाल के साथ सयुक्त रूप से रहता हुँ।
4. मै शपथ पुर्वक बयान करता हुँ कि पैरा 1 ता 3 मेरे जाति इल्म में सब सच व सही है इसमें मैने कोई तथ्य नही छुपाया है सच बोलने में खुदा मेरी मदद करे।

IDENTIFIED BY

साक्षी

नेहाल

शपथकर्ता

Sworn & verified before me

Ramesh Kumar (Kashyap)
Advocate/Notary
(Govt. of India)
Deoband (SRE)

IDENTIFIED BY

(15)

नकल खसरा ग्राम [illegible] परगना [illegible] तहसील [illegible] जिला [illegible] साल 14[illegible] सन् फसल सम्बन्[illegible]

खेत की संख्या	क्षेत्रफल हेक्टेअर में	न0 खाता खतौनी	खतौनी के भाग 1 के वर्गीकरण के अनुसार खातेदार का नाम	खतौनी के भाग 2 के वर्गीकरण के अनुसार खातेदार का नाम यदि कोई हो।	सिंचाई का साधन	क्षेत्रफल खरीफ फसल	क्षेत्रफल खरीफ सिंचित	क्षेत्रफल खरीफ असिंचित	क्षेत्रफल रबी फसल	क्षेत्रफल रबी सिंचित	क्षेत्रफल रबी असिंचित	क्षेत्रफल जायद फसल	क्षेत्रफल जायद सिंचित	क्षेत्रफल जायद असिंचित	फसली क्षेत्रफल दो सिंचित	फसली क्षेत्रफल दो असिंचित	आकर्षित भूमि माप	आकर्षित भूमि क्षेत्रफल	खेत की पूरे बड़े हुए पेड़ों की संख्या	विव[illegible]
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789	0.1200	276	[illegible] 786	—													[illegible]	0.1200	—	
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7946	0.2960	276	[illegible] 786	—													[illegible]	0.2960	—	
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797	0.0960	277	[illegible] 754	—													[illegible]	[illegible]	—	

11/9/18

(18)

नकल खसरा ग्राम [illegible] परगना [illegible] तहसील [illegible] जिला [illegible] साल 14[illegible] सन् फसल सम्ब

खेत की संख्या	क्षेत्रफल हेक्टेअर में	न0 खाता खतौनी	खतौनी के भाग 1 के वर्गीकरण के अनुसार खातेदार का नाम	खतौनी के भाग 2 के वर्गीकरण के अनुसार खातेदार का नाम यदि कोई हो।	सिंचाई का साधन	क्षेत्रफल खरीफ फसल	क्षेत्रफल खरीफ सिंचित	क्षेत्रफल खरीफ असिंचित	क्षेत्रफल रबी फसल	क्षेत्रफल रबी सिंचित	क्षेत्रफल रबी असिंचित	क्षेत्रफल जायद फसल	क्षेत्रफल जायद सिंचित	क्षेत्रफल जायद असिंचित	फसली क्षेत्रफल दो सिंचित	फसली क्षेत्रफल दो असिंचित	आकर्षित भूमि- माप	आकर्षित भूमि- क्षेत्रफल	खेत के पूरे बड़े हुए पेड़ों की संख्या	वि[illegible]
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79[illegible]3	0.5020	276	[illegible]	—	—	—	—	—	—	—	—	—	—	—	—	—	2 परती	0.5020	—	—

[illegible]

1/11/18

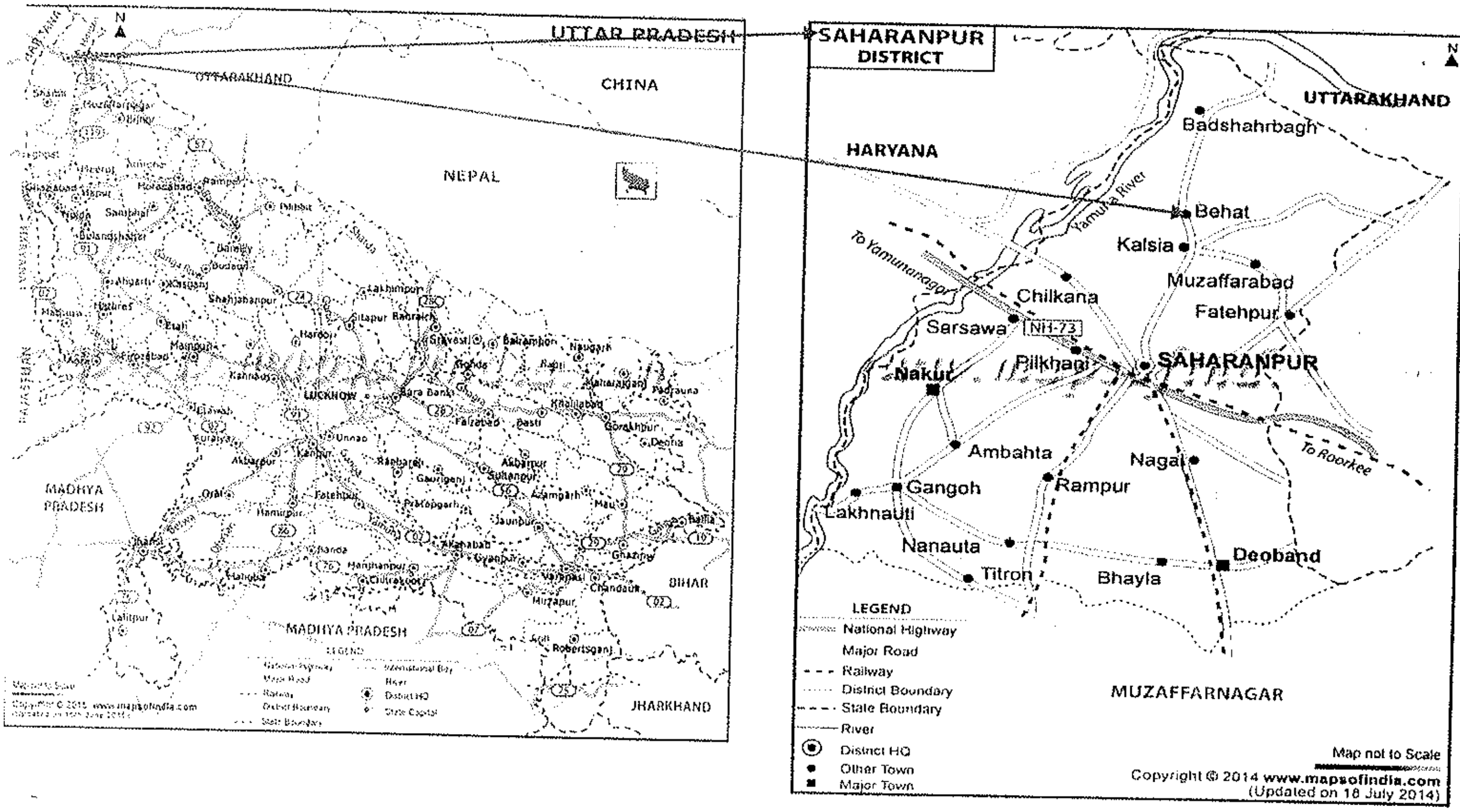
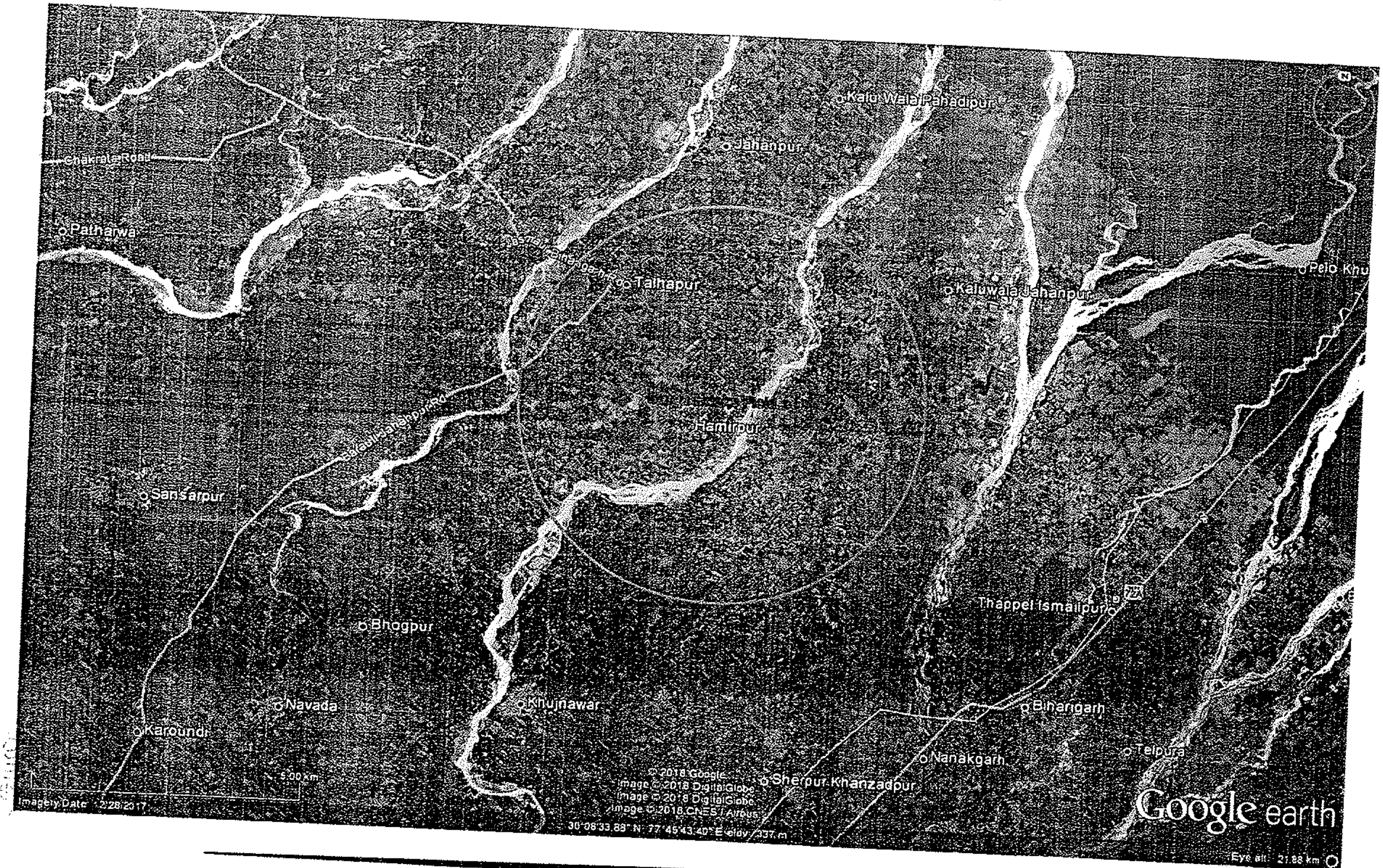
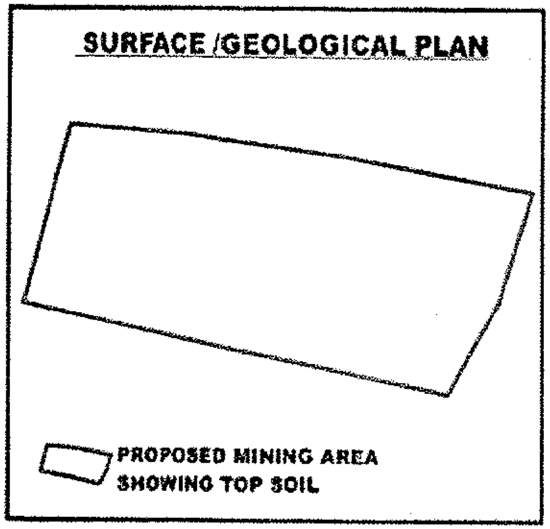


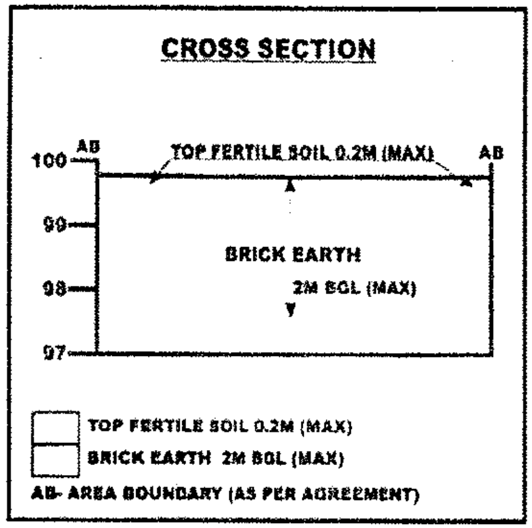
PLATE NO.01

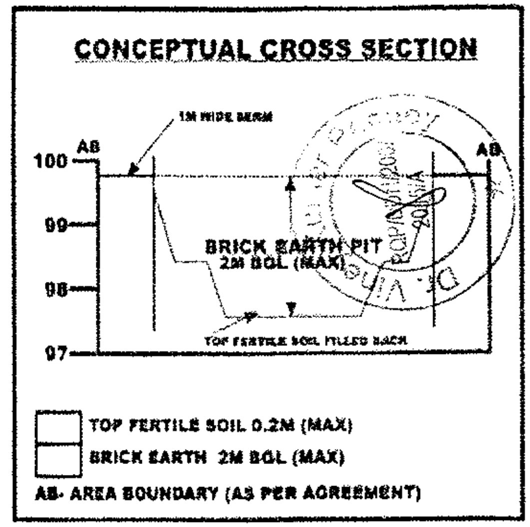
LOCATION MAP

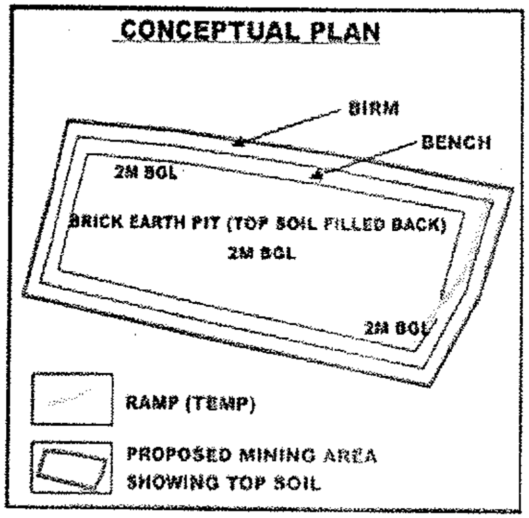
Google Image Showing 5 Km Buffer Map











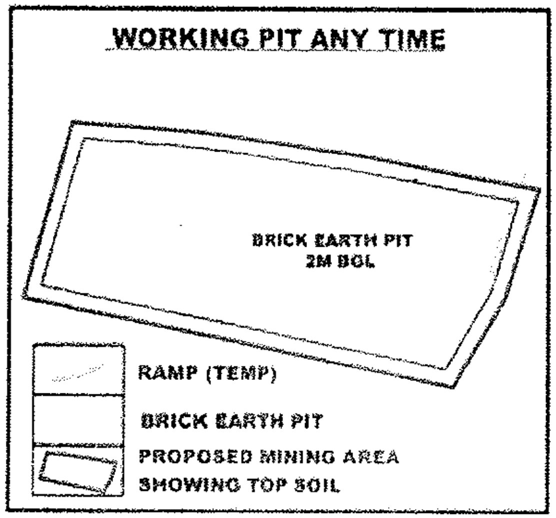
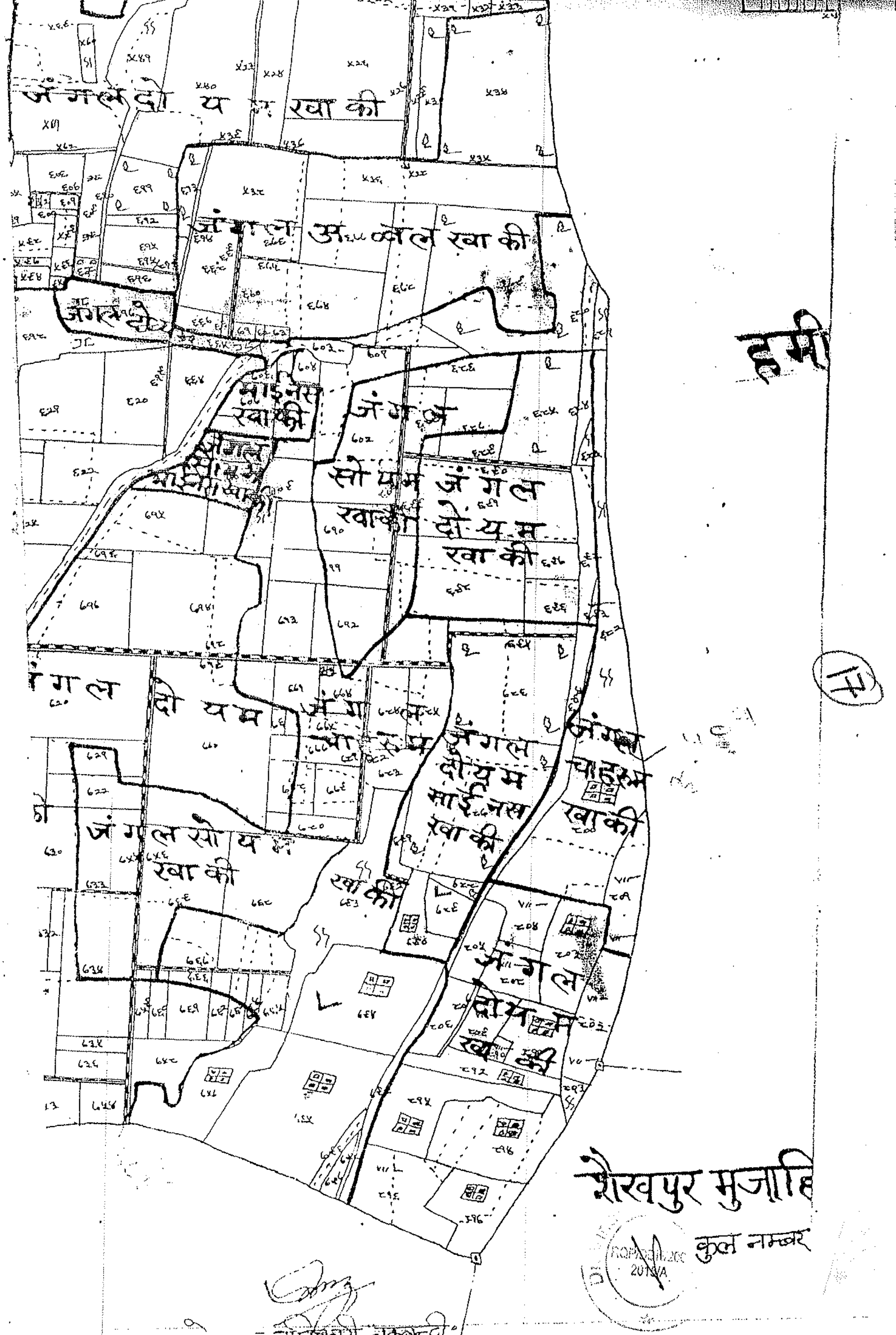


PLATE NO.03

TYPICAL PLAN &

SECTION OF BRICK EARTH MINING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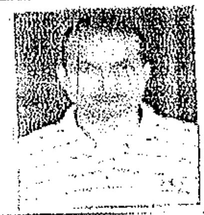
जंगल अव्वल रवा की
माईनस रवा की
जंगल अ
सोयम जंगल
रवा की दोयम
रवा की
जंगल
दोयम
जंगल सोयम
रवा की
जंगल
दोयम
माईनस
रवा की
जंगल
चाहरम
रवा की
जंगल
दोयम
रवा की
शेखपुर मुजाहि
कुल नम्बर

RQP CERTIFICATE

भारत सरकार
खान मंत्रालय
भारतीय खान ब्यूरो
क्षेत्रीय खान नियंत्रक का कार्यालय



खनन योजना तैयार करने के लिए अर्हता प्राप्त व्यक्ति के रूप में मान्यता
प्रमाण पत्र

CERTIFICATE OF RECOGNITION AS QUALIFIED PERSON TO PREPARE MINING PLANS
(खनिज रियायत नियमावली, 1960 के नियम 22 (सी) के अंतर्गत)
(Under Rule 22(C) of Mineral Concession Rules, 1960)

***Dr. Vinay Kumar Pandey** S/o Late Shri Shambhu **Nath Pandey**, R/o **14/473, Sector-14, Vikas Nagar** Lucknow, U.P.-226 023 whose photograph and signature is affixed herein above, having given satisfactory evidence of his qualification and experience is hereby **RECOGNISED** under **Rule 22 (C)** of the Mineral Concession Rule, 1960 as a Recognized person to prepare Mining Plans.*

पंजीकरण क्रमांक
His registration No. is **RQP/DDN/200/2015/A** है।

*This Recognition is valid for a period of ten years ending **09.12.2025***

खनन योजना में आपके द्वारा प्रस्तुत किसी भी गलत विवरण / तथ्य से आपको प्रदान की गई मान्यता वापस ली जा सकती है।
This certificate is liable to be withdrawn /cancelled in the event of furnishing the wrong information /document in the Mining plan submitted by him.

स्थान /Place: देहरादून
दिनांक / Date: 10.12.2015

क्षेत्रीय खान नियंत्रक
Regional Controller of Mines
भारतीय खान ब्यूरो
Indian Bureau of Mines
Dehradun Region

Summary of the plan

1.	Name of the mineral-	**Brick Earth**
2.	Name of Brick Kiln-	**M/S Surya Bricks Field**
	A. Location of Brick Kiln-	Vill- Hamirpur Tehsil: Behat, District: Saharanpur.
3.	Name of the applicant.	Shri Bilal S/o Shri Mahtab
	A. Proprietor/Partner.	Proprietor
	B. Address of the applicant	Vill-Shekhupur, Mujahidpur Tehsil-Behat Dist: Saharanpur.
4.	**Details of the Mining area**	
	A. District	Saharanpur, Uttar Pradesh
	B. Tehsil	Behat
	C. Village	Hamirpur & Janipur
	D. Gata No	35m, 36m, 37m, 38m, 27/3, 28m, 788, 789, 790, 794
5.	Total area (in Hectare)	3.1669 Ha
6.	Consent of the land owner.	Received for 5 Year
7.	RL of area.	250 - 280 MRL
8.	Geological Reserve	**38319.49 m3 or 61311.18 Tons**
9.	Minable Reserve	**30100.21 m3 or 48160.34 Tons**
10.	Year Wise Production	**6020.04 m3/ annum or 9632.07 TPA**

Dr. Vinay Kum... RQP/... 20..A

Land Details

Village	Gata/ Arazi/ Khasra	Area	Name	Depth	Agreement Duration
Hamirpur & Janipur	35m	0.9930	Emraan, Julfan, Mahtaab S/o Jameel	1.21M	5 years
	36m	0.0100			
	37m	0.9060			
	38m	0.3092			
	27/3	0.1972			
	28m	0.1885			
	788	0.0500			
	789	0.1200			
	790	0.0960			
	794	0.2970			
Total		3.1669 ha			

Method of Estimation of Reserve.

1- Geological Reserve.

Gata Nos.	Area (Ha.)	Area (SQM)	Depth (M)	Geological Reserve(cum)
35m	0.9930	9930	1.210	12015.30
36m	0.0100	100	1.210	121.00
37m	0.9060	9060	1.210	10962.60
38m	0.3092	3092	1.210	3741.32
27/3	0.1972	1972	1.210	2386.12
28m	0.1885	1885	1.210	2280.85
788	0.0500	500	1.210	605.00
789	0.1200	1200	1.210	1452.00
790	0.0960	960	1.210	1161.60
794	0.2970	2970	1.210	3593.70
Total	**3.1669**	**31669**	**1.210**	**38319.49**

2. Minable Reserve.

Gata Nos.	Geological Reserve(cum)	Area of Berm (Sqm)	Volume of Berm (cum)	Volume of blockage (CUM)	Volume of Top Soil (CUM)	Mineable Reserve (Cum)
35m	12015.30	239.69	290.02	144.13	1938.06	9643.09
36m	121.00	22.74	27.51	12.87	15.45	65.17
37m	10962.60	228.88	276.95	137.59	1766.22	8781.84
38m	3741.32	133.10	161.05	79.64	591.78	2908.85
27/3	2386.12	106.00	128.26	63.25	373.20	1821.41
28m	2280.85	103.60	125.36	61.79	356.28	1737.42
788	605.00	52.65	63.70	30.97	89.47	420.86
789	1452.00	82.37	99.66	48.95	223.53	1079.86
790	1161.60	73.52	88.96	43.59	177.30	851.76
794	3593.70	130.42	157.81	78.02	567.92	2789.96
Total	**38319.49**	**1172.96**	**1419.29**	**700.79**	**6099.21**	**30100.21**

INDEX

Dr. Vinay Kumar ... RQP/... 20.../A

LIST OF ANNEXURE

Brick

1. CONSENT LETTER FROM APPLICANT
2. CERTIFICATE FROM APPLICANT
3. COPY OF AGREEMENT PAPERS
4. COPY OF KHASARA MAP & KHATUANI
5. COPY OF RQP CERTIFICATE

LIST OF PLATES

1. LOCATION PLAN
2. KEY PLAN-BUFFER ZONE GOOGLE IMAGE SHOWING 5 KM RADIUS AREA
3. SCHEMATIC PLAN & SECTIONS

Dr. Viney Kumar
RQP
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PERMEABLE

India has majority of geological resources, which include major and minor resources, According to section 3(e) of the Mines and Minerals (Development and Regulation) Act, 1957"Minor Minerals" means building stones, gravel, ordinary clay, ordinary sand other than sand used for prescribed purposes and many other minerals which the Central Government may, by notification in the Official Gazette, declare to be minor mineral. Thus minor Minerals account for over 55 % of the total number of leases and nearly 60 % of the total leased area.

India produces as many as around 90 minerals including 4 fuel minerals, 3 atomic minerals, 3 atomic minerals, 26 metallic and non- metallic minerals and 55 minor minerals (including building and other materials; the recently notified 31 additional minerals)

As per the MoEF notification dated 14.09.2006 Prior Environmental Clearance is mandatory for the brick earth excavation. Government of Uttar Pradesh, by its notification no. – 2216/86-2012-235-2010 dated 23.12.2012 has made it mandatory to prepare mining-plan for mining of minor minerals. Brick Earth is also included in the list of minor minerals. The mining plan would be approved by D.M. Accordingly the Mining would be done as per the provisions incorporated in Rule 34 of UP Minor Mineral Concession Rule 1963, 35th amendment.

The value of production of minor minerals was estimated at approximately Rs 52.5 Thousand Crores in 2014- 2015. The top most position for the minor mineral production is held by the state of Andhra Pradesh with a share of approximately 23.5 %. Next come the state of Gujarat with a hold of approximately 23.0 %. Following which are Maharashtra – 14.6 %, Rajasthan – 12.9 %, Uttar Pradesh – 7.6 %, Kerala – 5.9 % Karnataka – 3.9 %, Madhya Pradesh – 3.7 5 and Goa 7.6 %.

It is to be noted that the prior submission of an approved mining plan has now become mandatory for environmental clearance of all the mining projects. The following mining plan has been prepared for the excavation of Brick Earth. The Brick Kiln owner proceeds with an agreement with the land owners to excavate brick earth on their mutually agreed terms and

Dr. Viney Kumar RQP/DDN/203/2014/A

conditions. The details of the Khasra No./ Gata Nos./ Arazi Nos. along with their land owners and the time limit has been mentioned in the following table.

Village	Gata/ Arazi/ Khasra	Area	Name	Depth	Agreement Duration
Hamirpur & Janipur	35m	0.9930	Emraan, Julfan, Mahtaab S/o Jameel	1.21M	5 years
	36m	0.0100			
	37m	0.9060			
	38m	0.3092			
	27/3	0.1972			
	28m	0.1885			
	788	0.0500			
	789	0.1200			
	790	0.0960			
	794	0.2970			
Total		**3.1669 ha**			

This proposal is being prepared for an area of about 3.1669 **Ha (31669 Sqm)** Gata No – 35m, 36m, 37m, 38m, 27/3, 28m, 788, 789, 790, 794 Vill- Hamirpur & Janipur Tehsil: Behat, District: Saharanpur.

Applicant **M/S Surya Bricks Field** intends to mine out the brick earth from the above mentioned area. The applicant has approached us to develop an environment friendly mining plan to excavate brick earth at the mentioned site. The Consent Letter provided from the applicant is provided as ANNEXURE – 1,

The applicant has provided us with a certificate o consent as **ANNEXURE – 2,** The agreement between the applicant and the land owners is provided as **ANNEXURE – 3** and The Khasra Maps provided are put forth as **ANNEXURE – 4,**

1.0 LOCATION

I.	**Details of area with location maps**	Location map is attached as Plate No. 1
	District and State	Saharanpur, Uttar Pradesh
	Tehsil	Behat
	Village	Hamirpur & Janipur
	Gata/ Arazi/ Khasra	35m, 36m, 37m, 38m, 27/3, 28m, 788, 789, 790, 794
	Area (Hectares)	3.1669 Ha
	Whether the area is in forest **(Please specify whether protected reserved etc.)**	No
	Ownership/ Occupancy	Private Individuals
	Co- ordinates of the site **Latitude and Longitude**	30.152083° to 30.144967 Latitude- 30° 9'11.10"N To 30° 8'41.88"N 77.752736° Longitude - 77°45'21.35"E To 77°45'9.85"E 77.755931° 30°08' 45" N 77° 44' 54" E
	Land Use Pattern	Agricultural land (Kilu coordinates)
2 b)	**Attach a location map showing boundaries of the mining lease, adjoining area, roadways, railways, natural drainage system and other surface features, if any. It is preferred that the area be marked on a Survey of India topographical map or a cadastral map or forest map as the case may be. However if none of these are available, the area should be marked on a plan prepared especially for the purpose on a scale of 1 : 5000 linking it with any important reference point available in and around the area.**	

Agreement area with 5km radius distance is marked in Google Imagery/Survey of India Toposheet and Shown as Plate No.2

2 c) Basic information of the area

Road: The applied area is situated in village Hamirpur. Area is about NH-72A, 9.80 Km E; SH-57 1.366 Km W

Drinking water: Hand pumps, wells and bore wells are the main water source for drinking water in nearby areas.

Electricity: All the villages in and around of 5 km radius are electrified.

Education: Primary school is at Hamirpur. Junior High School and Intermediate, P.G. College is at Saharanpur.

Health: Primary health center is at Hamirpur r. Better health facilities are available at Saharanpur.

Post & Telegraph: Nearest post office is at Hamirpur. The area is well connected with mobile signals.

Bank: Nearest Bank facility is at Behat.

Police Station: The nearest reporting chaukii is at Behat.

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CHAPTER-3

3. GEOLOGY AND EXPLORATION

3 a) Describe briefly the general topography explaining whether it is a plain land or a hilly area and local geology of the mineral deposit within the leasehold.

Attach a geological plan on 1:1000 / 1:2000 scale with 3-10 m. contour interval.

3a. 1 PHYSIOGRAPHY

Brick earth area is marked on cadastral map. Saharanpur is located at 29.97°N 77.55°E, about 130 kilometres (81 mi) south-southeast from Chandigarh and 170 kilometres (110 mi) north-northeast from Delhi. It has an average elevation of 284 metres (932 ft)

3a.2 REGIONAL GEOLOGY

The district is in a rectangular shape and it li es between 29 degrees 34 minutes 45 seconds and 30 degrees 21 minutes 30 seconds north lattitude and 77 degrees 9 minutes and 78 degrees 14 minutes 45 s econds east longitude. Its total area is 3860 square Kilometers. Saharanpur is primarily an agricultural district Saharanpur has a t ropical climate because of the proximity of the Himalayan region across this Northern district. It is sub humid region especially the upper Ganga plain areas. Saharanpur records an average temperature around 23.3 degree during the course of the year. June is the hottest recorded month while January is the coldest one. Humidity is more in the western area as compared to the eastern region of Saharanpur. Saharanpur is located at 29.97°N 77.55°E, Falling Rain Genomics, Inc – Saharanpur about 140 kilometres (87 mi) south-southeast of Chandigarh, 170 kilometres (110 mi) north-northeast of Delhi, and about 68 kilometres (42 mi) south-west of Dehradun. It has an average elevation of 269 metres (883 ft). Saharanpur is a part of a geographical doab region.

3a.3 LOCAL GEOLOGY

Applied area is situated in the agricultural fields. Fertile top soil of about 0.20 m has been spread all over the area. Below top soil up to a maximum 1.01 m depth brick earth is present in the area.

b) Describe briefly prospecting / exploration work done to date viz. geological mapping with the evidence already existing about the mineral deposit in the area or in the vicinity.

Brick earth is unanimously spread over the area. There is no need of prospecting work. As stated earlier the thickness of top soil is considered up to 0.2m. The depth of suitable brick earth is considered 2m bgl.

c) Describe briefly, exploration proposed to be carried out year wise, for the next five years indicating same on the geological plan.

Excavation of Brick earth is being proposed upto a short depth of 2.0 m from the surface level. Once brick earth removed, no excavation will be carried in future Hence, no need of a proposal of future prospecting.

Dr. Vinay Kumar Pandey RQP/DDN/ 20/5/A

CHAPTER-4

4. RESERVES

a) Give estimates of geological reserves along with grade under Proved, Probable and Possible categories by standard method of estimation supported by analytical reports.

4.1 METHOD OF ESTIMATION OF RESERVES

Brick earth reserves have been estimated as per the standard procedures. The area of mining land (as per agreement details) and the average thickness of mineral (not more than 2m) is multiplied to get the volume. 1m. wide berm all along the periphery of mining land to get the area available for actual mining. About 10% mining losses reserves blocked due to slope has been considered to get the mineable quantity.

Detail of calculation is given ahead:

Gata Nos.	Area (Ha.)	Area (SQM)	Depth (M)	Geological Reserve(cum)	Area of Berm (Sqm)	Volume of Berm (cum)	Volume of blockage (CUM)	Volume of Top Soil (CUM)	Mineable Reserve (Cum)
35m	0.9930	9930	1.210	12015.30	239.69	290.02	144.13	1938.06	9643.09
36m	0.0100	100	1.210	121.00	22.74	27.51	12.87	15.45	65.17
37m	0.9060	9060	1.210	10962.60	228.88	276.95	137.59	1766.22	8781.84
38m	0.3092	3092	1.210	3741.32	133.10	161.05	79.64	591.78	2908.85
27/3	0.1972	1972	1.210	2386.12	106.00	128.26	63.25	373.20	1821.41
28m	0.1885	1885	1.210	2280.85	103.60	125.36	61.79	356.28	1737.42
788	0.0500	500	1.210	605.00	52.65	63.70	30.97	89.47	420.86
789	0.1200	1200	1.210	1452.00	82.37	99.66	48.95	223.53	1079.86
790	0.0960	960	1.210	1161.60	73.52	88.96	43.59	177.30	851.76
794	0.2970	2970	1.210	3593.70	130.42	157.81	78.02	567.92	2789.96
Total	**3.1669**	**31669**	**1.210**	**38319.49**	**1172.96**	**1419.29**	**700.79**	**6099.21**	**30100.21**

13532.400 tons / ~~1080~~ = 13.5324 Million tons

30100 × 1.4

10629.785 tons

10.6297 Mill. tons

4.2 CLASSIFICATION OF RESERVES

All the quantity estimated as above is considered under proved (111 category under UNFC classification) category.

4.3 GEOLOGICAL RESERVES

Particulars	Unit	
Total Area available for mining (As per Agreement)	31669	Sqm
Average Thickness considered	1.21	M
Total volume of Mineral (Brick earth)	30100.21	Cum
Total Geological Reserves (Brick earth)	38319.49	Cum

4.4 MINEABLE RESERVES

Particulars	Unit	
Total Area available for mining (As per Agreement)	31669	Sqm
Average Thickness considered	1.01	M
Total Geological Reserves (Brick earth)	38319.49	Cum
Peripheral Strip Area	1172.96	Sqm
Thickness of top Soil	0.20	M
Total top Soil	6099.21	Cum
Total Mineable Reserves	30100.21	Cum
Maximum production per annum considering 5 years agreement	6020.14	Cum

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CHAPTER- 5

5.21) DEVELOPMENT AND PRODUCTION PROGRAMME

5a.1 Methodology of Mining: Proposed Mining Method

Proposed mining will be opencast manual using hand tools like shovel, spade, sieve etc. Mining will be done only in the applied field (as per agreement] keeping the nearby plot(s) unaffected. Following geo—scientific methods are proposed to carry out the mining activity:

- Mining will be restricted to the applied fields (as per agreement) up to a maximum depth of 2m from the surface as per provision of MCR-1960 and MMR 1961.
- The mining shall be done during daytime only.
- Only 225 working days in a year have been assumed for calculation purpose.
- Before start mining the top fertile soil of each proposed mining field (up to 20 centimeter depth) shall be scraped & stacked on the berm or any earmarked place which will be spread over the mining pit, after completing mining activity.
  Thus the fertility of land will be restored.
- The width and height of final benches shall be 1m x 3m.
- A ramp / connecting path shall be developed to join the next level.
- There will be No drilling and blasting.
- The operation will remain manual, using tools like shovel, spade, sieve etc.
- The water required for casting for bricks will be arranged near the mining site and only casted bricks will be carried to kiln through cart/tractor or by hand loads. The water will be required either for drinking purposes or for casting of bricks.
- 10 laborers will be required for the proposed project.
- Soil mining shall strictly be undertaken as per rules & regulation/permissions obtained from District Administration/ Department.

gren area

5a.2 PROPOSED RATE OF PRODUCTION AND LIFE OF MINE

Depending upon the market and availability of brick earth about 38319.49 cum per annum of brick earth is proposed to be mined out from the mining area. This material will be excavated up to 5 years period as per their agreement with land owners.

5.3 YEAR WISE MINING 8a DEVELOPMENT

Mining is being carried the agricultural fields. 6099.21cum top fertile soil will be generated every year. 90% saleable quantity is assumed due to blockage in slopes and other losses. About 30100.21 cum quantity of brick earth is proposed to be excavated every year. About 55, 578, 05 numbers of bricks will be prepared every year during 5 years period.

Production	Quantity M^3	No. of Bricks Proposed
1st Year	**6020.04**	**30,10,020**
2nd Year	**6020.04**	**30,10,020**
3rd Year	**6020.04**	**30,10,020**
4th Year	**6020.04**	**30,10,020**
5th Year	**6020.04**	**30,10,020**
Total	**30100.20**	**15,050,100 lacs**

SCHEMATIC PLAN & SECTIONS for brick earth mining is shown as **Plate No.3.** Considering 500 bricks/ cum total 15,050,100 lacs Bricks can be molded.

5.4 CONCEPTUAL MINE PLAN AND LIFE OF MINE

1.0 m wide strip all along the each individual field (mine area) as a statutory condition has been left in which top soil will be stored temporary. Excavation of brick earth soil is restricted up to a maximum depth of 2.0 m. River/ stream will not be diverted in any case. No mining is proposed during rainy season. About 26.75 cum per day brick earth has been proposed to excavate during the course of

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mining. Agreement with land owners is made for minimum 5 years period. Area has sufficient material for the next coming 5 years. A typical ultimate / conceptual plan & section is shown in **Plate No. 3.**

5.b) MANPOWER DEPLOYMENT:

State average daily employment and statutory personnel under MCDR, 1988

Following direct employment will be generated in this project.

1	Superviser	1
3	Operator / Driver / Helper	1
4	Skilled / unskilled worker	10
	Total	12

This project will also generate about 2700 indirect employments.

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5. C) USE of Mineral: Describe the utilization of minerals and the types of industry (please specify) to whom it will be sold or is being sold.

The mined out brick earth will be used for making Kachcha bricks which will be subjected to firing in the brick earth of **M/S Surya Bricks Field**

Making the Brick

The process of making a bricks has not changed much over the centuries or across geographies. Traditionally the main steps followed to make a brick are explained below

1. Material Procurement: The clay is mined and stored in the open. This makes the clay soft and removes unwanted oxides.

2. Tempering: This clay is then mixed with water to get the right consistency for molding. Mixing is done manually with hands and feet. Sometimes and in certain areas, animal driven pug mills are used.

3. Moulding : A lump of mix is taken, rolled in sand and slapped into the mould. Initially moulds were made of wood, now metal moulds are used. Sand is used so the brick does not stick to the mould.

4. Drying: The mould is emptied onto the drying area, where the bricks are arranged in a herring bone pattern to dry in the sun . Every two days they are turned over to facilitate uniform drying and prevent warping. After two weeks they are ready to be burnt.

5. Firing: The green bricks are arranged in a kiln and insulation is provided with a mud pack. Fire holes left to ignite the kiln are sealed to keep the heat inside. This is maintained for a week. Firing like other operations also depends on the knowledge and experience of the brick maker.

6. Sorting: After the kiln is disassembled, the bricks are sorted according to colour. Colour is an indication of the level of buring. Over burnt bricks are used for paving or covering the kiln while slightly under burnt bricks are used for building inner walls or burnt once again in the next kiln.

Though the overall method remains the same, there are certain regional variations considering the local soil and climatic conditions. In different areas, different soil types are used with respect to local situation. The three general approaches for firing bricks include using a massive fire, a massive volume and insulation fuel ranges from wood to coal to biomass to even garbage and trash in the absence of others.

BRICK CALCULATION:

Following parameters has been considered to calculate the numbers of bricks.

Brick Earth Used in preparation of 1 Brick				
Specification of Bricks			Volume of a Bricks	Considering the 0.002 cum one brick volume, about 500, bricks will be prepared from one cum brick earth.
Hieght	Width	Length		
3.0(Inch)	9.0(Inch)	4.50(Inch)		
0.0762(m)	0.228(m)	0.114(m)	0.0020M^3	

CHAPTER-6

6. WASTE DISPOSAL ARRANGENENTS

Describe briefly the arrangements made for top soil, minerals rejects and waste disposal including precautions taken in selection of disposal site (s) along with their respective quantity likely to be generated for the five year (Indicate locations of the same on surface plan).

The mining activity is being carried out in agricultural field. Upper 0.20 m thick layer of fertile soil has been considered as top soil which will be kept on the Berm safely.

About 6020.04 cum top soil will be generated every year. This will be dumped temporarily on the berm or earmarked place near mine working. After removing brick earth the top soil will be spread over the mined out area to restore the agricultural fields.

No waste will be generated during mining hence, no waste disposal arrangements in the mining plan.

CHAPTER-7

7. RECLAMATION PLAN

Describe briefly the year wise reclamation plan, giving the proposed plantation programme, scope of backfilling worked out pits.

As stated earlier that about 30100.21 cum top soil will be generated yearly. This top soil will be kept safely on the berm of mining site. After removal of all the proposed quantity of brick earth, the top soil will be spread over the mined out pit so that the fields can be used for agricultural activity.

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CHAPTER-8

8. STRATEGY FOR PROTECTION OF RIVER COURSES, NALAS, WATER TANKS, VILLAGES, IMPORTANT MONUMENTS, IF ANY

Briefly outline the proposed strategies (if any) for protection of the following:

a) river courses

b) nalas

c) Water tanks

d) Villages / houses I hutments / agricultural land

e) Important monuments

There is no river in or immediate surroundings of the activity area. No nalla or drainage passes with in or near mining area. There are no important monuments and waters tanks nearby the mining area. Mining is confined in very small scale. Brick earth from agricultural field will be mined out. Upper top fertile layer of agricultural field will be kept safely. After removal of brick earth from the area, safely kept top soil will be spread back on the mined out fields. Thus the mined out area will be used for agricultural activities in future.

CHAPTER-9

9. ANY OTHER RELEVANT INFORMATION

9.1 The project proponent is also required to comply with following stipulations as per MoEF, GOI OM No. 11011/47/2011- 1A.II (M) dated 24.06.2013

i) The borrowing/ excavation activity shall be restricted to a maximum depth of 2m. below general ground level at the site.

ii) The borrowing/ excavation activity shall not alter the natural drainage pattern of the area.

iii) Workers / labourers shall be provided with facilities for drinking water and sanitation.

iv) A berm shall be left from the boundary of adjoining field having a width equal to at least half the depth of proposed excavation. ,

v) A minimum distance of 15 m from any civil structure shall be kept from the periphery of any excavation area.

9.2 SITE SERVICES

Working Office: Temporary working office will be maintained at site. This will be a temporary structure and can easily shifted one side to another side as or, when required. "Safe drinking water will be kept in covered buckets / clay pitcher and will be provided to mine workers.

Rest Shelter: A temporary structure as a rest shelter to labours will be provided to the workers near mine site.

Primary Health/ First Aid: First aid box with principal medicine will be kept at mine site to facilitate the first aid treatment to the workers.

Water arrangement: Water for drinking as well as process to mould brick is required. Kiln owner will arrange a water tanker for the purpose. Separate arrangements for drinking water for the labours will also be made in the working office.

CHAPTER- 10

10. CONCLUSION

This mining area is small and in the agricultural fields. Mostly local peoples are employed in this activity. There will be minimum adverse affect of this activity on the drainage system.

A brick is a block made of clay burnt in a kiln. It is one of the primary building materials known to mankind. Over time, bricks have appeared, gained prominence, lost importance and then come to the forefront again with various styles of architecture. Burnt bricks were used in ancient Indian civilizations. They are still being used as filler materials for framework structures as well as to construct load bearing structures.

Besides to generate a number of direct employments, indirect employment will also generated in this area by this activity. This is also a source to generate revenue to the Government.

It can be concluded from the above facts that the mining of brick earth from this area will not have any adverse impacts but would help in improving the socioeconomic condition of the surrounding villages. Hence this mining plan may kindly be approved at earliest.

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PROGRESSIVE MINE CLOSURE PLAN

1. Introduction:

(a) **Name of Applicants:** **M/S Surya Bricks Field**
Shri Bilal S/o Shri Mahtab
Add-Vill-Shekhupur, Mujahidpur Tehsil- Behat
Dist: Saharanpur.

(b) Status of Lessee: Private Individual

(c) Location: The area is situated in Gata No – 35m, 36m, 37m, 38m, 27/3, 28m, 788, 789, 790, 794 Vill- Hamirpur & Janipur Tehsil: Behat, District: Saharanpur.

The site is shown in Plate No. 1 & 2.

d) Extent of Lease area: 3.1669 hectare

e) Type of lease area: Manual Opencast

f) Present land use pattern: Agricultural land

i) Present Method of mining and mineral processing: No mining is being carried at present.

1.1 Reasons for closure:

The progressive mine closure plan is being submitted, under amended Rule 23 (B) MCDR 1988 & 34 of amended rules of Up MMCR 1963. **No premature closure is anticipated.**

1.2 Statutory Obligations:

As per rule 23 B of MCDR 1988 8a 34 of amended rules of UP MMCR 1963, for every fresh grant of mining lease a progressive mine closure plan is required to be submitted in compliance of the aforesaid rule of MCDR 1988, the progressive mine closure plan is being in accordance with the guidelines issued by CCOM vide circular no. 14/2003 8s 19/2003.

1.3 Closure plan preparation:

a). Name and address of the Applicant: **M/S Surya Bricks Field**
Shri Bilal S/o Shri Mahtab
Add-Vill-Shekhupur, Mujahidpur Tehsil- Behat
Dist: Saharanpur.

b). Name, address & Registration No of R.Q.P.:

Dr. Vinay Kumar Pandey

2nd Floor, Trinity Square, Badshah Nagar Crossing, Lucknow - 226006

Registration No. RQP/DDN/200/2015/A

Vaild Upto 09.12.2025

c). Name of the executing agency:

The lessee himself shall execute-the provisions of mine closure plan.

2.0 Mine Description:

2.1 **Geology:**

	Physiography	Given at Chapter 3a. 1
2.2	**Regional Geology-**	Given at Chapter 3a.2
	LOCAL GEOLOGY	Given under para 3a.
	EXPLORATION	Given under para 3b
	METHOD OF ESTIMATION OF RESERVES	Given at 4.1
	CLASSIFICATION OF RESERVES	Given at 4.2
	GEOLOGICAL RESERVES	Given at 4.3
	MINEABLE RESERVES	Given at 4.4
2.3.	**Proposed Mining Method:**	Given 5a.1

3.0 **Review of implementation of mining plan] scheme of mining including next five years progressive closure plan up to the final closure of mine:**

No activity was taken-up during last 5 years in connection with mining and allied activities.

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The activity proposed during the five year plan period is summarized as below:

Sl No.	Activity	Particulars
1	Exploration & Mine Development	At present there is no mining About 6020.04 sqm/year will be exploited to get the required production.
2	Disposal of Solid Waste	All the quantity of mineral is used in brick making. There is no solid Waste due to mining.
3	Reclamation & rehabilitation	No reclamation / rehabilitation proposed
4	Control of Dust	Activity is limited. Does not required.
5	Noise & Ground Vibration	Activity is limited. Does not required.
6	Afforestation	No afforestation proposed

4.0 **Closure Plan:**

4.1. **Mined out land:**

No proposal can be given for concurrent back-filling. Top soil is proposed to be spread over mined out benches.

4.2. **Water Quality Management:**

Activity is limited. Any change in water quality does not anticipate.

4.3 **Air Quality Management:**

Activity is limited. Any change in air quality does not anticipate.

4.4 **Waste Management:**

No waste is anticipated.

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4.5 **Top Soil Management:**

Top soil will be scraped out carefully and stacked carefully on the berms or earmarked area. The top soil will be spread over the mined out area.

4.6 **Tailing Dam Management:**

No processing of mineral is proposed. Hence, no tailing dam is proposed.

4.7. **Infrastructure:**

Activity does not require any such facilities.

4.8 **Disposal of Mining 'Machinery;**

No specific mining machinery is used in the excavation of brick earth. It will be a manual mine.

4.9. **Safety and Security:**

Presently agreement has been made for 5 years period. Mining of brick earth is proposed to be confined in a small area up to a depth of 2m. max.

4.10. **Disaster Management and Risk Assessment:**

No such system evolved. Activity is limited up to a 2m depth below ground level.

4.11 **Care and Maintenance during Temporary Discontinuance:**

Applicant will comply all necessary rules and regulations.

5.0 Economic Repercussions of Closure of mine and manpower retrenchments:

The land used of the area for mining is agricultural land. At the end of mine it will be again agricultural. In mining activity about 12 persons will get direct employment besides, more than 5625 indirect man days.

6.0 Time Scheduling for Reclamation and Rehabilitation:

No reclamation or rehabilitation activity is proposed.

7.0 **Abandonment Cost:**

The tentative cost for implementing the protective and rehabilitation measures propose in "the mining activity is limited.'

8.0 **Any other information:**

The lessee also intends to spend some amount towards community service. The figures are tentative and are subject to generation of profit. Around of 5 % of the profit will be diverted towards this activity.

9.0 **Financial Assurance:**

The applicant shall submit a financial assurance as applicable to the district officer or the officer authorized by the State Government in this behalf.

10.0 **Certificate:**

Given separately & enclosed.

11.0 **Plans and Sections: -**

All the plans and sections are enclosed With the Plan.

Date:

Place: Saharanpur

Annexure -I

COVNSENT LETTER FROM APPLICANT

An area of about 3.1669 ha (31669 Sqm) will be used to excavate brick earth up to a depth of 1.21 m as per agreements discussed in the report and attached herewith. The area falls in Gata No – 35m, 36m, 37m, 38m, 27/3, 28m, 788, 789, 790, 794 Vill- Hamirpur & Janipur Tehsil: Behat, District: Saharanpur.

A Mining plan is prepared for the excavation of brick earth under U.P. minor mineral concession rule 1963. The mine plan in respect of above area has been prepared by **DR. VINAY KUMAR PANDEY**, R.Q.P., Registration No. RQP/DDN/200/2015/A.

I request to make further correspondence regarding the modification if any in mining plan with the said recognized person on his following address:

DR. VINAY KUMAR PANDEY
2nd Floor, Trinity Square, Badshah Nagar Crossing, Lucknow - 226006
Registration No. RQP/DDN/200/2015/A
Validity: 09.12.2025

I hereby undertake that all the modifications so made in mine plan by the Recognized Person may be deemed to have been made with my knowledge and consent and shall be acceptable to me and binding on me in all respect. I have understood the content of this mine plan and agree to implement the same.

Date : .

Place:

बिलाल

(Bilal)

Annexure —II

CERTIFICATE FROM APPLICANT

UNDERTAKING

1. We hereby undertake that the information furnished in this mining plan has been read by me and are correct to the best of my knowledge. Excavation of brick earth will be undertaken as per the agreements attached with this approved plan.
2. We hereby undertake that the financial assurance applicable as per rule will be submitted to the concern authorities.
3. All the measures proposed in the closure plan will be implemented in time bound manner as proposed.
4. We also undertake to pay stamp duty as applicable if any against agreements made attached with this mining plan.

Date:

Place:

बिलाल

(Bilal)

Dr. Viney Kumar Pandey
RQP/DDN/200/2016/A

PRE-FEASIBILITY REPORT

1. EXECUTIVE SUMMARY

This is a brick clay mining project spreading over an area of 3.1669 hect. by M/s Surya Bricks Field. The project is by Mr. Bilal S/o Shri Mahtab R/o Village- Shekhupur, Mujahidpur, Tehsil-Behat, District-Saharanpur.

Shijra Map of Kiln and the mine site are attached as ***Annexure IV & V***. The essential information about the project is summarized below in Table 1:

Table 1: Basic Information

S. No.	Item	Details
1.	Name Of the Applicant	Sri. Bilal S/o Sri. Mahtab
2.	Mining Lease Area (As per Agreement Deed)	3.1669 ha
3.	Land Use	Agricultural Land
4.	Land Ownership	Private ownership
5.	Lease period	5 years
6.	Name of protected areas, Wildlife Sanctuary, Eco sensitive area	None, as notified under the Wildlife (Protection) Act, 1972.
7.	Site Coordinates	Kiln Latitude- 30° 9'11.10" N to 30°8'41.88" N Longitude- 77º45'21.35" E to 77º45' 9.85" E
8.	Location	Village-Hamirpur & Janipur Tehsil- Behat, District Saharanpur.
9.	Topography	Flat Agriculture land
10.	Minerals Of Mine	Brick Clay
11.	Production of mine	Only Brick Clay will be extracted. Approximately 8428 TPA.
12.	Method of mining	Manual Opencast
13.	Drilling/Blasting	No drilling and blasting is proposed.

14.	Estimated cost	20 Lakhs
15.	Water demand	For drinking purposes . 1 KL For casting the brick & dust supression- 6 KL
16.	Sources of water and supply	Drinking water supply will be met by private tankers.
17.	Ultimate depth of Mining	2 m
18.	Man power	12 workers
19.	Solid Waste by labours	Local labours from nearby villages will be hired; no generation of solid waste is anticipated due to project activity.
20.	Nearest railway station	Saharanpur Railway station is 28.78 km in SW direction.
21.	Nearest roads/highways	**State highway- SH-57** approx. 15 km away from mining site towards NW direction. Village road: Village road from Barauli Jahanpur Road is approx. 2.50 km away from mining site towards W direction.
22.	Nearest Airport	Nearest Airport: Jolly Grant which is approx 42.67 km away from project site towards NE direction.
23.	Nearest City	Nearest City: Behat Town 13.73 km in W direction
24	Power supply	Maximized use of the solar lightning will be used in the form of street lights etc. as power supply.
25	Distance of any civil structure from the periphery of any excavation area	There is no civil structure from the periphery of any excavation area at a minimum distance of 500 m.
26	A berm shall be left from the boundary of adjoining field	A berm shall be left from the boundary of adjoining field having a width of 1 m proposed excavation.
27	On site emergency Mo. No.	On site emergency mobile numbers will be available at the Project site and mine site
28	Emergency Medical Facility	Nearest hospital- Metro Hospital 36.03 km SE direction

* *Approximate aerial distances*

2. INTRODUCTION

2.1 Identification of Project and Project Proponent

Name of the Project: Brick Clay mining project for M/s Surya Brick Field Location: Khasra No. –35m, 36m, 37m, 38m, 27/3, 28m, 788, 789, 790, 794 Village-Hamirpur & Janipur Tehsil- Behat, District – Saharanpur Mining Lease Area: 3.1669 ha.

Name and Address of Project Proponent: Mr. Bilal, Land agreement(s) documents & ID proof are being attached as ***Annexure IV & V.***

2.2 Brief description of the nature of the project

The project is to mine Brick Clay from plot(s) under agreement sustainably and scientifically. Mining is being opencast and manual along the plot(s) keeping the nearby plot(s) unaffected. Following geo-scientific methods are proposed to carry out the activity:

- Mining is being confined to extraction of Brick Clay in its existing allotted plot(s) only.
- Mining of Brick Clay from the allotted plot(s) is restricted to a maximum depth of 2 m from the surface in proper bench form as per MCR-1960.
- A berm shall be left from the boundary of adjoining field having a width equal to at least half the depth of proposed excavation.
- The borrowing/excavation activity shall be restricted to a maximum depth of 2 m below general ground level at the site.
- Appropriate fencing all around the borrowed/excavated pit shall be made to prevent any mishap.
- Measures shall be taken to prevent dust emission by covering of borrowed/excavated earth during transportation
- The borrowing/excavation activity shall not alter the natural drainage pattern of the area.
- The borrowed/excavated pit shall be restored by the project proponent for useful purpose(s).
- No drilling and blasting is proposed.
- Approximately 8428 TPA mineral will be extracted.
- No mining activity will be undertaken during the monsoon season.
- In order to avoid environmental pollution or any accidental hazards, the mining activity is being restricted to daytime only.
- The operation will remain manual, using tools like shovel, spade, sieve etc.
- During the agreement period, the deposit is being worked from the top surface to 0.20m

2.3 Need for the project and its importance to the country and region

The production of Brick Clay is to benefit to the state in the form of royalty. Apart from this project operation is being provide employment directly and indirectly to the people residing in vicinity, thus improving the Socio-economic status of the local area.

2.4 Demands-Supply Gap

Brick Clay has become a very important mineral for the manufacturing of Bricks which contributes to the expansion of infrastructure in the society. With the increase of urbanization the demand for Bricks is growing in infrastructure sector in our country. Individual and private companies are increasingly demanding Brick for construction purposes and this has immense pressure on brick clay resources. This increasing demand and extraction makes this an environmental issue.

2.5 Domestic/ Export Markets

Due to the increased industrial and infrastructural growth of the rural and urban areas demand of Brick is very high. Construction companies and local vendors in the nearby town and cities are the potential market for the brick made up of brick clay.

2.6 Employment Generation

The project will generate direct /indirect employment to the people of all class of society. During the operational phase not more than 10 semi skilled and non skilled workers will be working at the project site.

3.0 PROJECT DESCRIPTION

3.1 Type of project including interlinked and interdependent projects, if any

This is an independent mining project. The proposed project is for the extraction of Brick Clay from the allotted plot(s) manually.

3.2 Location (map showing general location and project boundary and project site).

The project activity is being carried out in the allotted plot(s). Google map showing location of Brick Kiln and plot(s) to be excavated with Khasra No. is attached as ***Annexure III.***

3.3 Details of alternate sites considered

No, alternative sites considered.

3.4 Size or magnitude of operation

The mine has lease agreement over an area of 3.1669 Ha. Approximately 8428 TPA minor mineral will be extracted.

3.5 Reserve Estimation

Brick earth will be extracted. As per the area for clay excavation upto a maximum minable depth the total minor mineral estimate reserve comes out to be 30100 m3 for 5 years of lease period. Roughly 30,10,020 Bricks/ year can be cast at rate of 500-550 bricks/cum considering 225 working days/year.

3.6 Project description with process details

The project is to mine Brick Clay from plot(s) under agreement sustainably and scientifically. Mining will be opencast and manual along the plot(s) keeping the nearby plot(s) unaffected. Following geo-scientific methods are proposed to carry out the activity:

- Mining will be confined to extraction of Brick Clay in its existing allotted plot(s) only.
- Mining of Brick Clay from the allotted plot(s) will be restricted to a maximum depth of 2m from the surface in proper bench form as per MCR-1960.
- No drilling and blasting is proposed.
- No mining activity will be undertaken during the monsoon season.
- In order to avoid environmental pollution or any accidental hazards, the mining activity will be restricted to daytime only.
- The operation will remain manual, using tools like shovel, spade, sieve etc.
- During the agreement period, the deposit is being worked from the top surface to 0.20m.

3.7 Raw Material Required Along With Estimated Quantity, Likely Source, Marketing Area of Final Products, Mode of Transport of Raw Material and Finished Product

The operation involves the extraction of Brick Clay in its existing form. Raw bricks will be casted and transported to the kiln site by carts and tractor trolleys through village roads.

3.8 Availability of water its source, energy/power requirement and source

- There will be very little requirement of water to carry out operations as it will be done manual. The water is required either for drinking purpose, for casting of bricks and for dust suppression.
- It is estimated that approx. 1KLD water will be required for domestic purpose for workers and 1 KLD will be required for dust suppression

- Water requirement is being met through private water tanker.
- All the activities will be carried out manually. The operation will be done in day time; hence there is no power requirement for the project at site.

3.9 Quality of wastes to be generated (liquid and solid) and scheme for their management/ disposal

The entire mineral extracted is saleable. The laborers from nearby villages will be hired to carry out work in day time only, hence there will be no or very less waste is expected to generated. No liquid effluents will be generated at site.

4. SITE ANALYSIS

4.1 Connectivity

The Site is well connected with the National Highway within 7.7 Km and State highway within 15 km in-turn connected with Major district roads and other metallic roads which have already been mentioned above in the basic information.

**Aerial distances in approximation*

4.2 Land form, Land use and Land Ownership

Land Form: The mine agreement area is agricultural private land.

Land Use: Agricultural

Land Ownership: Private Land

The activity is to take place in the Plot(s) as per agreement and hence there will be no change in land use.

4.3 Topography

Saharanpur forms the most northerly position of the land known as the Doab which stretches between the holy rivers of the Ganges and the Yamuna. The Shivalik hills rise above it on the northern frontier.

The north and the north east of the district are surrounded by the Shivalik hills which separate it from the Dehradun district of Uttarakhand. The river Yamuna forms its boundary in the west, separating it from the Karnal and Yamunanagar districts of Haryana. In the east lies the district of Haridwar, and in the south lies the district of Muzafarnagar. Lenses and beds of Kankar are seen exposed and forms mounds or pinnacles. Flood plain of river Yamuna with remnants of old meander scars, oxbow lakes and relict drainages is developed along the river in western part of the district. The main characteristics of the district can be divided into four parts.

1. The Shivalik Hill Tract
2. The Bhabar Land
3. Bangar Land
4. Khadar Land (Yamuna, Hindon)

The project site is almost a flat land having a gentle slope with maximum contour level 235 m and minimum contour level 230m.

The district is in a rectangular shape and it lies between 29 degrees 34 minutes 45 seconds and 30 degrees 21 minutes 30 seconds north latitude and 77 degrees 9 minutes and 78 degrees 14 minutes 45 seconds east longitude. Its total area is 3860 square Kilometers. Saharanpur is primarily an agricultural district Saharanpur has a tropical climate because of the proximity of the Himalayan region across this Northern district. It is sub - humid region especially the upper Ganga plain areas. Saharanpur records an average temperature around 23.3 degree during the course of the year.

Limestone stone boulders are the only main minerals. Limestone is found in the Shivalik hills. Excellent lime is also procured from the boulders covering the beds of the hilly torrents. The saline efflorescence which is known by the name of Rah is found in the low lying tracts and in the canal irrigated areas.

4.4 Existing land use pattern

There is no forest land in the mine lease area. The existing land use pattern of the area is agricultural.

4.5 Soil Classification

In the Uttar Pradesh Western, District Saharanpur has its most soil deep brown and loamy. The soil is shallow, gravely and full of stones – being generally acidic. In the western plains the soil is deeper and fertile. Deep brown and loamy a good agriculture soil. Saharanpur is primarily an agricultural District. Roughly 70% of the land is under agricultural use.

The soil ranges from pure sand to stiff clays and including all combination of the two extreme litho units. The pure sand is called Bhur and clay is called Matiar. The mixture of sand and clay in equal proportion forms Dumat or loam, a good agriculture soil. Several subcategories of Dumat are possible depending upon the contents of clay and sand. The bad land patches (Kallor) which are ingested with Reh at places do not support any vegetation growth. Alluvial soils occurring in flood plain of rivers is called Kemp which yield good crops. Kankars invariably associated with clay and at times retards ground water movement. (Ref. District survey report, Saharanpur)

Top soil management

Top 0.20 m fertile soil will be stored and further used for reclamation of excavated area.

4.6 Climatic Condition

The climate of the district is sub-humid and characterized by hot summer and bracing cold season. The temperature may rise in May to June.

Temperature Range: Summer- 23°C - 41°C

Winter- 16°C - 32°C

Relative Humidity- 32-85 %

Soil- Sandy Loam

The Rainy season, also hot and humid, starts form June and May last up to September. Most of the rainfall occurs in July & August.

Average Rainfall: 562mm

Winter starts for November and is very pleasant. It lasts up to February.

4.7 Social Infrastructure

Infrastructural facilities	Distance (Km)	Direction
Saharanpur Railway Station	28.78	SW
National Highway- NH-72A	7.7	SE
State Highway – SH-57	15	NW
Barauli Janpur Road	2.50	W
Electric transmission line pole or tower		
Canal (Yamuna Canal) check dam reservoirs lake or ponds	> 5 km > 5 km > 5 km > 5 km	
In-take for drinking water pump house	> 5 km	
In-take for irrigation canal pumps	> 5 km	

5. PLANNING BRIEF

5.1 Planning concept

The project is to mine brick clay from plot(s) sustainably and scientifically. The minor mineral (clay) will be excavated from the plot(s) as per mining rules and casting of raw bricks will be done which will be transported to the kiln through horse cart, trolleys etc. through village roads. Mining will be opencast Manual keeping nearby plot(s) unaffected. Maximum depth of mining will be only up to 2 m as per agreement.

5.2 Population Projection

There is no permanent influx of the population anticipated, as the workers will be hired locally from nearby villages.

5.3 Assessment of Infrastructure Demand

Extracted mineral will be casted into raw bricks and will be transported directly to owned kiln, there will be no stock yard required for storage, also the workers will be hired locally and temporarily, no housing facility will be required.

5.4 Amenities/Facilities

Temporary rest shelters, drinking water and first aid facility are available to the mine workers.

6. PROPOSED INFRASTRUCTURE

6.1 Industrial area (Processing Area)

Project does not fall in industrial area

6.2 Residential area (Non Processing Area)

The mine workers are hired from nearby villages, no housing facility is required but temporary lunch room, rest shelter and separate toilet facility for male and female will be provided at mine site.

6.2 Plantation

To mitigate the impact of pollution and develop the environment, the CPCB recommended plant & plantation will be done the list of plants are given below. Some trees are for Tolerant to SO_2, Dust control, to stop top soil erosion, fast growing, broad leaf, and Dust particles absorbance

6.3 Connectivity

There is direct connectivity from site to kiln through Village roads up to the mine site. The area is well connected to village road at a distance of 2.50 km which is further connected to district roads further connected to the main roads.

6.4 Social Infrastructure

Temporary rest shelters, toilet facility of male and female, drinking water and first aid facility are available to the mine workers with all the required medicines and vaccines.

6.5 Drinking Water Management

In order to meet the drinking water requirement for site workers water from existing bore wells is being used.

6.6 Sewerage System

No sewerage system is proposed at the mine site.

6.7 Industrial Waste Management

Not applicable.

6.8 Solid Waste Management

No solid waste generation is expected from the mining operation.

6.9 Power Requirement & Supply/ Source

All the activities are being carried out manually. The operation is being restricted to day time only; hence there is no power requirement for the project at site.

7. REHABILITATION AND RESTTLEMENT (R&R) PLAN

Not Applicable.

8. COST ESTIMATES

The total cost of project would be approx Rs 20 Lakhs.

9.0 ENVIRONMENT MANAGEMENT PLAN

To mitigate the adverse impacts which are likely to be caused due to the mining operation and overall scientific development of local habitat, environmental management plan (EMP) has been formulated and integrated with the mine planning.

Proper environmental management plan is proposed for “Soil” mining project to mitigate the impact during the mining operations.

a. No labour camps will be established on Mining site.
b. Top 0.20 m soil will be stored and used for land reclamation
c. No cooking, or burning of woods will be allowed at the mine site.
d. Prior to commencement of mining, a short awareness program will be conducted for labours to make them aware of way of working and various precautions to be taken while at work. Such program will be repeated occasionally.
e. No tree cutting, chopping, lumbering, uprooting of shrubs and herbs will be allowed.
f. Collection of air and water samples at strategic locations with frequency suggested and by analyzing thereof. If the parameters exceed the permissible tolerance limits, corrective regulation measure will be taken.

g. Collection of soil samples at strategic locations once in every year and analysis thereof with regard to deleterious constituents, if any.

h. Measurement of water level fluctuations in the nearby ponds, dug wells and bore wells

i. Plantation/afforestation will be done as per program i.e. along mining lease, road sides and near civic amenities, which will be allotted by Government bodies. Post plantation, the area will be regularly monitored in every two years for evaluation of success rate. For selection of plant species local people should also be involved.

j. Mine management will be in regular touch with local surrounding villages to update the various developmental schemes made by them. They will also consider any immediate requirement, which could be taken care of in near future.

k. Regular Water sprinkling on haul road to control the dust emission

10. Corporate Social Responsibility

As per the ***Indian Company Act 2013, Section 135; Clause – VII***, the project proponent does not fall under the provision of CSR Activity.

11. RISK & HAZARDS MANAGEMENT

As it is soil mining project, so there are no major risk and hazard activities associated with the proposed activities. But the project proponent will must take care the site location by:

- Proper fencing all around the mining site so that it can prevent any mishap or accident in future.
- The materials being transported after excavation will be properly covered with tarpaulin sheet.
- Periodic water sprinkling will be done to arrest the dust.

12. ANALYSIS OF PROPOSAL (FINAL RECOMMENDATION)

The socio-economic conditions of the surrounding villages indicate that employment generation is seasonal. The occupational activities are agriculture, cattle rearing and employment in mines but on daily wages. The mining activity will provide employment to local people which will increase socio- economic status of the area. There is a possibility of creation of direct and indirect employment opportunities due to working of this mine.

****

FORM I

BRICK CLAY MINING PROJECT

GATA NO. 35m, 36m, 37m, 38m, 27/3, 28m, 788, 789, 790, 794

ENVIRONMENTAL CLEARANCE

Village	**Hamirpur & Janipur**
Tehsil	**Behat**
District	**Saharanpur**
State	**Uttar Pradesh**
Production Capacity	**6020.04 CUM PER ANNUM**
Life of Mine	**5 Years**
Lease Area	**3.1669 Ha**
Category of Project	**'B2'**
Project Cost	**Rs. 20 Lakhs**

Name of Project Proponent: Shri Bilal S/o Shri Mahtab

Address: R/o Village-Shekhpur, Mujahidpur, Tehsil-Behat

Dist.- Saharanpur

ENVIRONMENT CONSULTANT

OCEAO-ENVIRO Management Solutions (India) Pvt. Ltd.
QCI – NABET Certificate No: NABET/EIA/1821/IA 0033
217, 1st Floor, Sector 12, Vasundhara, Ghaziabad, U.P 201012
www.oceaoenviro.com | info@oceaoenviro.com

I) Basic Information		
S.No	**Item**	**Details**
1.	Name of the project/s	Brick Clay mining project
2.	S. No. in the schedule	1(a) B2 Category
3.	Proposed capacity /area /length /tonnage to be handled/command area/lease area/number of wells to be drilled.	Mining Lease area: 3.1669 Annual production of Bricks in first five years: 15.050.100 lacs in first five years.
4	New/Expansion/Modernization	New
5.	Existing Capacity/Area etc.	Nil
6.	Category of Project i.e. 'A' or 'B'	'B-2' as per EIA notification 14th September, 2006 and its subsequent amendments till dated.
7.	Does it attract the general condition? If yes, please specify.	None
8.	Does it attract the specific condition? If yes, please specify.	None
9.	Location	
	Plot/Survey/Khasra No.	Khasra No: 35m, 36m, 37m, 38m, 27/3, 28m, 788, 789, 790, 794
	Village	Hamirpur & Janipur
	Tehsil	Behat
	District	Saharanpur
	State	Uttar Pradesh
10.	Nearest railway station/airport along with distance in kms	Saharanpur Railway Station is about 28.78 km in SW direction. Jolly Grant Airport is about 42.67 km in NE direction. (Source: Google earth & Aerial Distance)
11.	Nearest Town, city, District Headquarters along with distance in kms.	Nearest City is Behat and it is about 13.25 km in W direction. (Source: Google earth & Aerial Distance)

12.	Village Panchayat, Zilla Parishad, Municipal Corporation, Local body (complete postal addresses with telephone nos. to be given)	Tehsil : Saharanpur District : Saharanpur State : Uttar Pradesh
13.	Name of applicant	Shri Bilal Khan S/o Shri Mahtab
14.	Registered Address	Village- Shekhpur,Tehsil-Behat, District- Saharanpur, Uttar-pradesh.
15.	Address for correspondence	
	Name	Bilal
	Designation (Owner/Partner/CEO)	Partner
	Address	R/o Village- Shekhpur,Tehsil-Behat, District- Saharanpur, Uttarpradesh
	Pin Code	247001
	E-mail	bilalmahtab31669@gmail.cm
	Telephone No.	9719632838
	Fax No.	Nil
16.	Details of Alternative Sites examined, if any. Location of these sites should be shown on a toposheet	No alternative sites were examined.
17.	Interlinked Projects	No
18.	Whether separate application of interlinked project has been submitted?	Not applicable
19.	If yes, date of submission	Not applicable
20.	If no, reason	Not applicable
21.	Whether the proposal involves approval/ clearance under: if yes, details of the same and their status to be given. (a)The Forest (Conservation) Act, 1980?	Not applicable. The proposal does not involve any approval /clearance under the said Acts & Notification.

	(b) The Wildlife (Protection) Act, 1972? (C) The C.R.Z Notification, 1991?	
22.	Whether there is any Government Order/Policy relevant/relating to the site?	No
23.	Forest land involved (hectares)	No forest land is involved.
24.	Whether there is any litigation pending against the project and /or land in which the project is propose to be set up? (a) Name of the Court (b) Case No. (c) Orders/directions of the Court, if any and its relevance with the proposed project.	No litigation is pending against the project

(II) Activity

1. Construction, operation or decommissioning of the Project involving actions, which will cause physical changes in the locality (topography, land use, changes in water bodies, etc.)

S.No	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities /rates, wherever possible) with source of information data
1.1	Permanent or temporary change in land use, land cover or topography including increase in intensity of land use (with respect to local land use plan).	Yes	Land use: The lease area is as per revenue records.
1.2	Clearance of existing land,	No	No clearance of existing land, vegetation &

	vegetation and buildings?		building is involved.
1.3	Creation of new land uses?	No	The mining activity will result in pits; therefore only land cover of ML area will change. At the end of the life of the mine a part of the total area be converted into water reservoir and rest of the area will will be used for greenbelt development.
1.4	Pre-construction investigations e.g. bore holes, soil testing?	No	NA
1.5	Construction works?	Yes	The statutory requirements like adequate capacity mine office, store, first aid station, rest shelter; urinals etc. will be constructed at the Kiln area.
1.6	Demolition works?	No	No demolition work is involved.
1.7	Temporary sites used for construction works or housing of construction workers?	No	Local villagers will be employed thus no specific site is required for housing for the workers.
1.8	Above ground buildings, structures or earthworks including linear structures, cut and fill or excavations	Yes	Earthworks: The proposed mining involves excavation of minerals. This will add to the change in the localized physical environment. The generated top soil will be preserved over periphery of the mine site. Above ground buildings: Construction of offices, toilets, rest shelter, and first aid station etc. will be done outside the applied area in a land owned by the applicant himself.
1.9	Underground works including mining or tunneling?	No	Proposed project does not include underground mining or tunneling.
1.10	Reclamation works?	Yes	At the end of life of mine, the total mined area will be backfilled and reclaimed & rehabilitated by plantation.
1.11	Dredging?	No	No dredging will be involved.
1.12	Offshore structures?	No	No offshore structure will be involved.

1.13	Production and manufacturing processes?	Yes	Method: - Opencast Manual. The salient features of mining method are:- Bench Height: 3 m Pit slope : 30 degree
1.14	Facilities for storage of goods or materials?	No	Temporary storage area will be made within the mining site.
1.15	Facilities for treatment or disposal of solid waste or liquid effluents?	Yes	No liquid effluent shall be generated from the mine. Portable toilets will be deployed.
1.16	Facilities for long term housing of operational workers?	No	Workers will be hired/ employed locally from the nearby villages, for the mining activity. Thus no housing facility will be developed near mine site.
1.17	New road, rail or sea traffic during construction or operation	No	During the operational phase traffic will increase, however the transportation will be done from existing approach road to ……….. incoming haul roads.
1.18	New road, rail, air waterborne or other transport infrastructure including new or altered routes and stations, ports, airports etc?	No	Existing facilities are sufficient. No new road/rail will be required.
1.19	Closure or diversion of existing transport routes or infrastructure leading to changes in traffic movements?	No	There is no closure or diversion of existing routes or infrastructure for the proposed project.
1.20	New or diverted transmission lines or pipelines?	No	There are no new or diverted transmission lines or pipelines in the project site.
1.21	Impoundment, damming, culverting, realignment or other changes to the hydrology of watercourses or aquifers?	No	There is no water course falling in this applied area.
1.22	Stream crossings?	No	There is no stream (perennial or seasonal) within the applied area.
1.23	Abstraction or transfers of water from ground or surface waters?	Yes	No, abstraction of ground water will be done. Water demand will be met by Private water tanker supply from nearby village.

1.24	Changes in water bodies or the land surface affecting drainage or run-off?	No	There is no water course in the lease area thus no change is anticipated on the water bodies, drainage or run off.
1.25	Transport of personnel or materials for construction, operation or decommissioning?	No	• The staff and the workers involved in the project will use the local transport for commutation to the project area. • Brick earth kuccha bricks from the mine site will be transported to the klin by bullock carts. • Pucca bricks will be transported directly to the destination by bullock carts.
1.26	Long-term dismantling or decommissioning or restoration works?	No	NA
1.27	Ongoing activity during decommissioning which could have an impact on the environment?	No	After closure of mining operations, no activity will be there.
1.28	Influx of people to an area in either temporarily or permanently?	No	Mostly local people will be deployed to carry out material extraction. So no influx of people is envisaged.
1.29	Introduction of alien species?	No	There would be no introduction of any alien species since local species would be preferred for the plantation.
1.30	Loss of native species or genetic diversity?	No	There will be no loss of native species or genetic diversity due to proposed project activities.
1.31	Any other actions?	No	No other actions would be involved for the excavation of the mineral.

2. Use of Natural resources for construction or operation of the Project (such as land, water, materials or energy, especially any resources which are non-renewable or in short supply):

S.No	Information/checklist confirmation	Yes/No	Details thereof (with approximate quantities /rates, wherever possible) with source of information data
2.1	Land especially undeveloped or	No	The mining area is concentrated in the area

	agricultural land (ha)		where no mining activities are going on. There will be no impact on the agricultural activities in and around the area.
2.2	Water (expected source & competing users) unit: KLD	Yes	Total water requirement is about 10 KLD=1 KLD (Drinking & Domestic Uses) + 3 (Plantation) KLD +6 KLD (Dust Suppression and Casting of bricks).The drinking water will be available from nearby village by tractor tank at the site.
2.3	Minerals (MT)	No	No raw materials are required for mining operation.
2.4	Construction material – stone, aggregates, sand / soil (expected source – MT)	No	There is no permanent constructions needed in lease area hence no construction material will be used.
2.5	Forests and timber (source – MT)	No	No forest and timber products involved in the proposed project.
2.6	Energy including electricity and fuels (source, competing users) Unit: fuel (MT), energy (MW)	Yes	No Electricity is required. As the mining will be opencast manual
2.7	Any other natural resources (use appropriate standard units)	No	No other natural resources will be used.

3. Use, storage, transport, handling or production of substances or materials, which could be harmful to human health or the environment or raise concerns about actual or perceived risks to human health.

S.No	Information/Checklist Confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
3.1	Use of substances or materials, which are hazardous (as per MSIHC rules) to human health or the environment (flora, fauna, and water supplies)	No	NA
3.2	Changes in occurrence of disease or affect disease vectors (e.g. insect	Yes	Proper hygienic environment will be maintained to prevent chances of insects or

	or water borne diseases)		water borne diseases.
3.3	Affect the welfare of people e.g. by changing living conditions?	Yes	This project will provide livelihood to the workforce during the operation which will help in improving their living conditions.
3.4	Vulnerable groups of people who could be affected by the project e.g. hospital patients, children, the elderly etc.,	No	No vulnerable groups of people will be affected by the project as entry of unauthorized person in the mining lease area will be prohibited.
3.5	Any other causes	No	There will be no effect due to other causes.

4. Production of solid wastes during construction or operation or decommissioning (MT/month)

S.No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
4.1	Spoil, Overburden or Mine Wastes	Yes	Waste/ overburden generated will be sellable.
4.2	Municipal waste (domestic and or commercial wastes)	Yes	Very insignificant quantity of domestic waste will be generated by the labors at site that will be disposed of by local vendors.
4.3	Hazardous wastes (as per Hazardous Waste Management Rules)	No	NA
4.4	Other industrial process wastes	No	There is no industrial process involved in the project.
4.5	Surplus product	No	The entire mined out product will be processed & sold to the consumer.
4.6	Sewage sludge or other sludge from effluent treatment	No	There is no effluent treatment plant in the proposed project.
4.7	Construction or demolition wastes	No	No construction or demolition work involved.
4.8	Redundant machinery or equipment	No	There is no redundancy of machineries involved, as the machineries/equipments are movable and will be removed from the mine

			lease area after the mining is over and will be used elsewhere.
4.9	Contaminated soils or other materials	No	No contamination of soil or other material will be involved.
4.10	Agricultural wastes	No	There is no agricultural waste involved.
4.11	Other solid wastes	No	No other solid waste is generated.
5. Release of pollutants or any hazardous, toxic or noxious substances to air (Kg/hr)			
S.No.	**Information/Checklist confirmation**	**Yes/No**	**Details thereof (with approximate quantities/rates, wherever possible) with source of information data**
5.1	Emissions from combustion of fossil fuels from stationary or mobile sources.	Yes	There will be emissions from vehicles engaged for excavation and transportation. It will be managed by the following methods: • Proper maintenance of vehicles and machines & roads. • Sprinkling of water at the haul roads • Maintain the slopes of the side boundaries of the haul roads • Local vehicles used will be PUC certified vehicles
5.2	Emissions from production processes	Yes	Dust emission will be the major pollutant from production process. However, mitigative measures will be taken : • Water sprinkling on haul roads • Limiting the speed of the vehicles • Regular maintenance of vehicles/ equipment's. • Mineral will be covered with tarpaulin sheets during transportation. • Plantation along the road as green barrier
5.3	Emissions from materials handling including storage or transport	Yes	There will be fugitive emissions generated during material handling, transportation, loading and unloading etc. Regular water

			sprinkling on haul road will suppress the dust particles and prevent them from getting air-borne. **Transportation:** Movement of vehicles like dumpers, trucks, tankers etc. will also generate dust. **Material Handling**: Dust will generated during loading operation of material loading into carts.. However, all mitigation measures will be taken to control the same.
5.4	Emissions from construction activities including plant and equipment	No	No permanent construction activity will be carried out at site so there will be no emission from any such activities.
5.5	Dust or odors from handling of materials including construction materials, sewage and waste	No	There would be no dust or odors from handling of construction materials since there is no permanent construction proposed at the site.
5.6	Emissions from incineration of waste	No	No such waste will be generated, which needs to be incinerated.
5.7	Emissions from burning of waste in open air (e.g. slash materials, construction debris)	No	No waste of any kind will be burnt in the open air.
5.8	Emissions from any other sources	No	There is no other source of emission.

6. Generation of Noise and Vibration, and Emissions of Light and Heat:

S.No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
6.1	From operation of equipment e.g. engines, ventilation plant, crushers	Yes	No major source of the noise as all the work will be carried out manually.
6.2	From industrial or similar processes	No	There will not be any industrial process involved.
6.3	From construction or demolition	No	No construction or demolition is involved.
6.4	From blasting or piling	No	NA

6.5	From construction or operational traffic	No	Bullock carts or tractors will be used for the transport. Hence no major traffic anticipated.
6.6	From lighting or cooling systems	No	Mining will be done in day time so no lighting will be required and cooling systems are not required.
6.7	From any other sources	No	No other source generates Noise & Vibration, Heat etc.

7. Risks of contamination of land or water from release of pollutants into ground or into sewers, surface waters, groundwater, coastal waters or the sea:

S.No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
7.1	From handling, storage, use or spillage of hazardous materials	No	No storage of hazardous material at site which will lead to spillage.
7.2	From discharge of sewage or other effluents to water or the land (expected mode and place of discharge)	No	Only domestic sewage will be generated from the proposed project operations. Portable toilets will be installed. The sewerage generated will be stored and transferred via tankers.
7.3	By deposition of pollutants emitted to air into the land or into water	No	• Dust generated during the mining process, loading and transportation may cause impact on the air but the measures followed will control the air pollution. • No liquid waste will be generated. Hence there is no risk of contamination of air, water and land.
7.4	From any other sources	No	There is no other source from which risk of contamination is anticipated.
7.5	Is there a risk of long term build up of pollutants in the environment from these sources?	No	There is no risk of long term buildup of pollutants in the environment from the proposed project operations as frequent dust suppression would be done in mining area and surrounding roads.

8. Risk of accidents during construction or operation of the Project, which could affect human health or the environment

S.No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
8.1	From explosions, spillages, fires etc from storage, handling, use or production of hazardous substances.	No	Not Applicable.
8.2	From any other causes	Yes	• Accidents by transport vehicles due to negligence and/or ignoring the safety aspects. • Accidents during mining caused due to negligence of workers or bad mining practice. • No loose stone or debris will be allowed to remain near the edges of excavation and along the sides of haul road. • However, to deal the minor incidences and accidents, **First Aid** measures at site will be provided.
8.3	Could the project be affected by natural disasters causing environmental damage (e.g. floods, earthquakes, landslides, cloudburst etc)?	Yes	As per the secondary data available no such precedents has been reported: **Floods** For effective functioning, Post-monsoon and Pre-monsoon groundwater level will be monitored regularly. Garland drains around dumps are used to channelize the rain water into ponds. **Earthquakes** The site is located in the Seismic Zone IV, as per the seismic zoning map of India given in

			BIS code IS: 1893 (Part1)-2002, which is Low Damage Risk Zone.

9. Factors which should be considered (such as consequential development) which could lead to environmental effects or the potential for cumulative impacts with other existing or planned activities in the locality

S.No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
9.1	Lead to development of supporting facilities ancillary development or development stimulated by the project which could have impact on the environment e.g.: • Supporting infrastructure (roads, power supply, waste or waste water treatment, etc.) • Housing development • Extractive industries • Supply industries • Other	Yes	Proposed project will result in development of living standards of the surrounding area by increasing direct and indirect employment opportunities in the region.
9.2	Lead to after-use of the site, which could have an impact on the environment	No	There is likely to be positive impact on the environment as mining pit will be converted into a reclaimed agricultural land.
9.3	Set a precedent for later developments	No	A better after use scenario, which is likely to increase aesthetic beauty of the area by converting the excavated region into water reservoir.

9.4	Have cumulative effects due to proximity to other existing or planned projects with similar effects	Yes	No major industries except few brick clay mining of mineral are located in the 10 km area. Thus there is likelihood of cumulative effect due to the transportation of mineral. A better planned and executed project has to yield a better result individually; which in turn has to give better cumulative effect also. Infrastructure will improve and also help in improving the economic well-being of the people around.

(III) Environmental Sensitivity

S. No	Areas	Name/ Identity	Aerial distance (within 15 km.) Proposed project location boundary
1	Areas protected under international conventions, national or local legislation for their ecological, landscape, cultural or other related value.	Nil	--
2	Areas which are important or sensitive for ecological reasons - Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests.	Yamuna Canal Nag Dev Canal	About 13.65 km in W direction. About 2.53 km in N direction.
3	Areas used by protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, over wintering, migration resting, over wintering, migration	Nil	--
4	Inland, coastal, marine or underground waters	Nil	--
5	State, National boundaries	Nil	--

6	Routes or facilities used by the public for access to recreation or other tourist, pilgrim areas	Barauli Jahanpur Road	About 2.50 km in W direction.
7	Defense installations	Nil	No such defense installation exists.
8	Densely populated or built-up area	Behat Village Hamirpur Town	About 13 km in W direction. About 2.3 km in E direction.
9	Areas occupied by sensitive man-made land uses (hospitals, schools, places of worship, community facilities)	Primary School Jama Masjid	About 3.31 Km in SE direction About 4.68 km in E direction.
10	Areas containing important, high quality or scarce resources *(ground water resources, surface resources, forestry, agriculture, fisheries, tourism, minerals)*	Nil	--.
11	Areas already subjected to pollution or environmental damage. *(those where existing legal environmental standards are exceeded)*	Nil	Nil
12	Areas susceptible to natural hazard which could cause the project to present environmental problems (*earthquakes, subsidence, landslides, erosion, flooding or extreme or adverse climatic conditions*)	The area comes under Seismic Zone –IV	--

"I hereby give undertaking that the data and information given in the application and enclosure are true to the best of my knowledge and belief and I am aware that if any part of the data and information submitted is found to be false or misleading at any stage, the project will be rejected and clearance given, if any to the project will be revoked at our risk and cost."

Date:
Place

Signature and Name of Applicant