SILVERGLADES HOMES LLP

Reg. Office: 506, 5th Floor Times Square Building, B Block, Sushant Lok-I, Gurugram-122002
LLPIN: ABZ-9999,E-mail : cs@silverglades.com; Website:www.silverglades.com;
Ph. No. : 91-124-4550300/309 Fax : 91-124-4550399

Date: 01.12.2025

To,

Regional Office,
Ministry of Environment, Forest & Climate Change (Northern Region),
Bays No: 24-25, Sector-31 A,
Dakshin Marg, Chandigarh-160030

Sub: Six-monthly Compliance (December 2025) of the stipulated Environmental conditions/safeguards in the Environmental clearance letter and Environmental Monitoring Report for the Group Housing project at sector- 63A Gurugram, Haryana by M/s Silverglades Homes LLP.

Ref: Environmental Clearance Letter No. 21-130/2024-IA.III dated 12/09/2024.

Dear Sir,

With reference to the Environmental Clearance granted to our above said project by State Level Environment Impact Assessment Authority, Haryana, we are herewith submitting point wise status of compliance of general and specific conditions of the EC letter in accordance with the provision of EIA notification 2006 and its amendment.

Following documents are attached herewith for your kind perusal:

3. Point-wise compliance of the stipulated environmental conditions/ safeguards.
4. Environmental monitoring report along with other necessary permissions/documents **(Session: December 2025)**

We fully assure you that we will comply with all conditions as specified in the Environment clearance granted us.
Details of Representative are as follows:

Name	Harsh Kumar Gupta
Designation	Designated Partner
Contact no.	9899987678
Email ID	cs@silverglades.com

Thanking you,

Yours Sincerely,

For **M/s Silverglades Homes LLP.**

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Name: Harsh Kumar Gupta

Designation: Designated Partner

CC:

1.The Member Secretary, Haryana State Pollution Control Board, Panchkula, Haryana.
2.The Member Secretary SEIAA, Bay No.55-58, Parytan Bhawan 1st Floor Sector-2, Panchkula, Haryana.

COMPLIANCE REPORT

DECEMBER 2025

Silverglades Homes LLP
Gurugram

GROUP HOUSING PROJECT AT SECTOR-63A, GURUGRAM, HARYANA

BY

M/s. SILVERGLADES HOMES LLP

(A) COMPLIANCE OF STIPULATED ENVIRONMENTAL CONDITIONS/ SAFEGUARDS IN THE ENVIRONMENTAL CLEARANCE IDENTIFICATION NO. EC23B3812HR5517135N DATED 12.09.2024.

S. No.	Conditions	Status of Compliance
	PART A. – SPECIFIC CONDITIONS	
1.	The Proponent shall prepare and implement the Wildlife Conservation Plan in consultation with the Wildlife Wing of the State Forest Department. Accordingly, the budget of the Wildlife Conservation Plan should be based on the actual field conditions and as per the requirement of the Wildlife Wing of the State Forest Department. The Wildlife Conservation Plan should be submitted to the concerned Regional Office of the Ministry within three months of issue of EC letter.	**Agreed:** Acknowledgement Copy of the same is enclosed as **Annexure-I.**
2.	The project proponent shall obtain the Fire Safety certification from Fire Department and also height clearance from the Airports Authority of India and submit the same to the concerned Regional Office of the Ministry within six months of the issue of the EC letter.	**Agreed:** Copy of Fire Safety and Airports Authority of India NOC is attached as **Annexure-II and III** respectively.
3.	Abstraction of groundwater shall be subject to the permission of the Central Ground Water Authority (CGWA). Freshwater requirements shall not exceed 201 KLD during the operational phase.	**Agreed:** We have obtained the water permission copy of same is attached as **Annexures-IV.**

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4.	As proposed, wastewater shall be treated onsite in STP of 350 KLD capacity.	**Agreed.** Copy of storm water NOC is enclosed as **Annexure-V.**
5.	The project proponents would commission a third-party study on the implementation of conditions related to the quality and quantity of recycling and reuse of treated water, the efficiency of treatment systems, the quality of treated water being supplied for flushing (specially the bacterial counts), comparative bacteriological studies from toilet seats using recycled treated waters and fresh waters for flushing, and quality of water being supplied through spray faucets attached to toilet seats.	**Agreed:** We will be abiding by the same.
6.	Area for greenery shall be provided as per the details provided in the project document i.e., the area under plantation/greenery will be 9,158.824 sq. m out of the net plot area of 38,096.237 sq. m, i.e. equivalent to 24.04 % of the net plot area. The landscape planning should include the plantation of 477 numbers of native tree species as proposed. A minimum of 01 tree for every 80 sq. m of the total land area of the project should be maintained taking the existing trees into account. Species with heavy foliage, broad leaves, and wide canopy cover may be preferred. Invasive species should not be used for landscaping.	**Agreed:** The green area measures 9,158.824 sq.m(24.04% of net plot area). Greenbelt will be provided for plantation/greenery and include the plantation of 477 numbers of native tree species. Landscape plan is attached as **Annexures-VI.**
7.	The local bye-law provisions on rainwater harvesting should be followed. If local bylaws provision is not available, adequate provision for	**Agreed:** Adequate provision for storage and recharge will be followed as per the Ministry of Housing and Urban Affairs

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	storage and recharge should be followed as per the Ministry .of Housing and Urban Affairs (erstwhile Ministry of Urban Development), Model Building Byelaws, 2016. As proposed, 12 numbers of rainwater recharge pits shall be provided by PP for rainwater harvesting after filtration.	(erstwhile Ministry of Urban Development), Model Building Byelaws, 2016. Total 12 rainwater recharge pits will be provided for rainwater harvesting. Rainwater harvesting plan is attached as **Annexures-VII.**
8.	The solid waste shall be duly segregated into biodegradable and non-biodegradable components and handled in separate areas earmarked for segregation of solid waste, as per SWM Rules, 2016.	**Agreed:** Solid waste will be duly segregated into biodegradable and non-biodegradable components and handled in separate areas earmarked for segregation of solid waste, as per SWM Rules, 2016.
9.	As committed, biodegradable waste shall be utilized through the OWC to be installed within the site. Inert waste shall be disposed of as per norms at the authorized site.	**Agreed:** We will abide by the same.
10.	The recyclable waste shall be sold to authorized vendors/recyclers.	**Agreed.** We will be complied with the same.
11.	Construction & Demolition (C&D) waste shall be segregated and managed as per C&D Waste Management Rules, 2016.	**Agreed:** We are abiding with the same.
12.	As committed 1005 ECS parking areas are to be provided and 20% of Electronic vehicle charging points are to be provided.	**Agreed:** We will be providing 1005 ECS parking areas and 20% of electronic vehicle charging points will be provided.
13.	The proponent shall ensure the installation of 90 KW solar panel systems for solar lights and LEDs to meet 10% of the total power requirement.	**Agreed:** Solar panel systems will be installed with 90 KW for solar lights and LEDs.
14.	The Environmental Clearance to the project is primarily under provisions of EIA Notification,	**Agreed:** We have obtained Environmental Clearance vide identification No.

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	2006. The Project Proponent is under obligation to obtain approvals/clearances under any other Acts/Regulations or Statutes as applicable to the project.	EC23B3812HR5517135N dated 12.09.2024 is enclosed as **Annexures-VIII.**
15.	The proponent shall be responsible for undertaking the operation and maintenance of common facilities like STP, OWC, Green belt development, Solar, Rainwater Harvesting, and other such amenities provided within the project site for a period of 5 years after handed over to the bonafide Residential Welfare Association or any other such association and also for completing the formalities related to the transfer of environmental clearance to the bonafide Residential Welfare Association and when required.	**Agreed:** We will be abiding by the same.
16.	The project proponent shall essentially comply with all parking norms and standards as applicable.	**Agreed:** We will be comply with all parking norms and standards.
17.	Proponent shall ensure that requirements of accessibility particularly universal accessibility and more particularly pedestrian requirements are provided. Street and road sections should have a mandatory provision of cross-section elements and footpaths so as to minimise the shift from walk mode to vehicular mode to have the least impact on energy and the environment.	**Agreed.** Street and road sections will have a provision of cross-section elements and footpaths to minimise the shift from walk mode to vehicular mode to have least impact on energy and the environment.
18.	The project proponent shall ensure that there is more than one entry /exit from different	**Agreed**: We will be complied with the same, as suggested.

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	directions however it should be checked that it does not create road safety hazards.	
A.	**Statutory Compliance**	
19.	The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.	**Agreed.** We have obtained all the necessary clearance/ permission. All the construction will be done in accordance with the local building byelaws. We have obtained Environmental Clearance vide identification No. EC23B3812HR5517135N dated 12.09.2024 is enclosed as **Annexures-VIII.** CTE has been obtained vide letter No. HSPCB/Consent/: 329962324GUNOCTE76083805 dated 11.10.2024 is attached as **Annexure-IX.**
20.	The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc. as per National Building Code including protection measures from lightening etc.	**Agreed:** The Copy of Structural Safety of building is attached as **Annexures-X.**
21.	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1980, in case of the diversion of forest land for non-forest purpose involved in the project.	**Agreed.** Copy of Forest NOC is obtained the compliance is attached as **Annexure-XI.**
22.	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.	**Not Applicable.**
23.	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air	**Agreed:** CTE has been obtained vide letter No. HSPCB/Consent/:

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	(Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.	329962324GUNOCTE76083805 dated 11.10.2024 is attached as **Annexure-IX**.
24.	The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.	**Agreed.** We have obtained the water permission copy of same is attached as **Annexures-IV.**
25.	A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.	**Agreed.** Electricity permission is attached as **Annexures-XII**.
26.	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.	**Agreed.** All the clearances have been obtained and copy of Fire safety and AAI NOC is enclosed as **Annexure-II and III** respectively.
27.	The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste Management Rules, 2016, shall be followed.	**Agreed.** We will abide with the same.
28.	The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.	**Agreed:** We will be following the ECBC/ECBC-R norms by Bureau of Energy Efficiency, Ministry of Power.
B.	**Air Quality Monitoring and Preservation**	
29.	Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and	**Agreed:** Dust Mitigation Measures for Construction and Demolition Activities is

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	Demolition Activities for projects requiring Environmental Clearance shall be complied with.	being implemented. Photographs of dust mitigation is attached as **Annexure-XIII.**
30.	A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.	**Agreed:** We will implement the same.
31.	The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5) covering upwind and downwind directions during the construction period.	**Agreed**: We are abiding by the same.
32.	Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.	**Agreed:** Diesel power generating sets proposed as source of backup power will be of enclosed type and will conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets will be adequate. Low sulphur diesel will be used.
33.	Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3-meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand,	**Agreed.** Plastic/tarpaulin sheet covers is being provided for vehicles bringing in sand, cement, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site. Photographs of same is attached as **Annexures-XIV.**

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	cement, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.	
34.	Sand, murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.	**Agreed:** Sand, murram, loose soil, cement, stored on site are covered adequately so as to prevent dust pollution.
35.	Wet jet shall be provided for grinding and stone cutting.	**Agreed:** Wet jet are provided for grinding and stone cutting.
36.	Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.	**Agreed:** Unpaved surfaces and loose soil are being adequately sprinkled with water to suppress dust.
37.	All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Management Rules 2016.	**Agreed:** All demolition and construction waste are being managed as per the provisions of the Construction and Demolition Waste Rules 2016.
38.	The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.	**Agreed:** The diesel generator sets are being used during construction phase are ultra-low Sulphur diesel type and conformed to Environmental (Protection) prescribed for air and noise emission standards.
39.	The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The	**Agreed:** We will be complied with the same.

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	location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.	
40.	For indoor air quality the ventilation provisions as per National Building Code of India.	**Agreed:** The ventilation for indoor air quality provisions will be as per National Building Code of India.
C.	**Water Quality Monitoring and Preservation**	
41.	The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rainwater.	**Agreed:** We are abiding with the same.
42.	Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.	**Agreed and is being complied with.**
43.	Total freshwater use shall not exceed the proposed requirement as provided in the project details.	**Agreed.** We will implement the same.
44.	The quantity of freshwater usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.	**Agreed.** We will be abiding with the same.

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45.	A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.	**Agreed:** We have obtained the water assurance copy of same is enclosed as **Annexure-IV.**
46.	At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.	**Agreed and will be complied with.**
47.	Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.	**Agreed:** Dual Pipe plumbing is enclosed as **Annexures-XV.**
48.	Use of water saving devices/fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.	**Agreed.** We will be using water saving devices/fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation will be incorporated in the building plan.
49.	Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines	**Agreed:** Separation of grey and black water will be done using dual plumbing system. Dual Plumbing Plan has been attached as **Annexure-XV.**

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	for flushing by giving dual plumbing system be done.	
50.	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	**Agreed:** Pre-mixed concrete, curing agents and other best practices are being used to reduce the water demand during construction.
51.	The local bye-law provisions on rainwater harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rainwater harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.	**Agreed:** The local bye-law provisions on rainwater harvesting will be followed. Rainwater harvesting recharge pits/storage tanks will be provided for ground water recharging as per the CGWB norms.
52.	A rainwater harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.	**Agreed.** Rainwater harvesting plan is enclosed as **Annexure-VII.**
53.	All recharge should be limited to shallow aquifer.	**Agreed:** All recharge will be limited to shallow aquifer.
54.	No ground water shall be used during construction phase of the project.	**Agreed and complied with the same.**

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55.	Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.	**Agreed:** The water assurance from GMDA is enclosed as **Annexure-IV.**
56.	Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, no treated water shall be disposed into municipal drain.	**Agreed:** We have obtained the permission of Sewerage connection for disposal of Surplus Treated water copy of same is enclosed as **Annexure-XVI.**
57.	No sewage or untreated effluent water would be discharged through storm water drains.	**Agreed:** Permission of Sewerage connection for disposal of Surplus Treated water copy of same is enclosed as **Annexure-XVI.**
58.	Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated wastewater shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.	**Agreed:** We will be abiding with the same.
59.	Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures	**Agreed:** We will be abiding by the same.

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	should be made to mitigate the odour problem from STP.	
60.	Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.	**Agreed and will be complied.**
D.	**Noise Monitoring and Prevention**	
61.	Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.	**Agreed:** Monitoring report is enclosed as **Annexure XVII.**
62.	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.	**Agreed:** We are complied with the same.
63.	Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.	**Agreed.** Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel are

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		implemented as mitigation measures for noise impact due to ground sources.
64.	Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.	**Agreed and will be complied with.**
65.	Outdoor and common area lighting shall be LED.	**Agreed**: Outdoor and common area lighting will be LED.
66.	Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.	**Agreed:** We will be complied with the same.
67.	Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.	**Agreed.** We will be abiding with the same.
68.	Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.	**Agreed:** Solar, wind or other Renewable Energy will be installed to meet electricity generation equivalent to 1 % of the demand load or as per the state level/ local building bye-law's requirement.

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69.	Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.	**Agreed:** Solar power will be used to reduce the power load on grid.
E.	**Wate Management**	
70.	A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.	**Agreed.**
71.	Disposal of muck during construction phase shall not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.	**Agreed:** Disposal of muck during construction phase has not created any adverse effect on the neighboring communities and is being disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
72.	Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.	**Agreed:** Separate wet and dry bins will be providing in each unit and at the ground level for facilitating segregation of waste. Solid waste is segregated into wet garbage and inert materials.

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73.	Organic waste compost/Vermiculture pit/Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.	**Agreed:** Organic Waste Converter with a minimum capacity of 0.5 Kg/person/day will be installed.
74.	All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.	**Agreed:** We will be complied with the same.
75.	Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.	**Agreed:** We are abiding with the same.
76.	Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.	**Agreed.** We are using environment friendly materials in bricks, blocks and other construction materials.
77.	Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016. Ready mixed concrete must be used in building construction.	**Agreed.** Fly ash is being used as building material in the construction as per the provision of Fly Ash Notification of September 1999 and amended as on 27th August 2003 and 25th January, 2016.
78.	Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Waste Management Rules, 2016.	**Agreed:** We are complied by the same.

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79.	Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.	**Agreed:** Used CFLs and TFLs will be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.
F.	**Green Cover**	
80.	No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).	**Agreed:** We are abiding with the same.
81.	A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.	**Agreed:** The landscape planning will include plantation of native species. Copy of Landscape plan is enclosed as **Annexure-VI.**
82.	Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for	**Agreed:** We are abiding with the same.

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	green belt development shall be provided as per the details provided in the project document.	
83.	Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.	**Agreed.** Topsoil is being stripped to a depth of 20 cm from the areas proposed for buildings, roads and paved areas, and external services. Due to shortage of space, it is being stockpiled appropriately in designated areas at another site and reapplied during plantation of the proposed vegetation on site. Copy of Soil report is Attached as **Annexure-XVIII.**
G.	**Transport**	
84.	A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria. a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic. b. Traffic calming measures. c. Proper design of entry and exit points. d. Parking norms as per local regulation.	**Agreed:** We will be complied with the same.
85.	Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission	**Agreed:** Construction material is brought to the site by the vehicles have a valid pollution check certificate.

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	standards be operated only during non-peak hours.	
86.	A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.	**Agreed:** Traffic Circulation Plan is attached as **Annexure-XIX.**
H.	**Human Health Issuses**	
87.	All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.	**Agreed.** Dust masks are provided to all the workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution.

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88.	For indoor air quality the ventilation provisions as per National Building Code of India.	**Agreed.** For indoor air quality Ventilation provisions are as per National Building Code of India.
89.	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	**Agreed:** Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan will be implemented.
90.	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	**Agreed:** There is no provision made for the housing of construction labour within the site however the requirement of labour is being fulfilled through out-sourcing.
91.	Occupational health surveillance of the workers shall be done on a regular basis.	**Agreed:** We are being complied with the same.
92.	A First Aid Room shall be provided in the project both during construction and operations of the project.	**Agreed.** The First Aid Room is being provided in the construction phase. Photographs of first aid room is attached as **Annexure-XX.**
1	**Miscellaneous**	
93.	The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.	**Agreed:** Newspaper advertisements is enclosed as **Annexure-XXI.**

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94.	Environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.	**Agreed:** We are abiding by the same.
95.	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	**Agreed:** We have uploaded the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website as provided https://www.silverglades.com/compliance.php
96.	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.	**Noted**
97.	The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/ deviation/violation of the environmental/ forest/wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation /violation of the	**Agreed.** Environmental policy is attached as **Annexures-XXII.**

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	environmental/ forest/wildlife norms/conditions and/or shareholders/stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.	
98.	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.	**Noted**
99.	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report	**Agreed:** The year wise funds earmarked for environmental protection measures is being kept in separate account and will not be diverted for any other purpose.
100.	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	**Agreed:** We will submit the same in next compliance.

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101.	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.	**Agreed:** We are following the same.
102.	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	**Agreed.**
103.	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report and also that during their presentation to the Expert Appraisal Committee.	**Noted and Agreed.**
104.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change (MoEF&CC).	**Noted.**
105.	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.	**Noted.**
106.	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	**Agreed.**
107.	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	**Noted.**

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Gurugram

108.	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.	**Agreed.** We will extend full cooperation to the officer(s) of the Regional Office by furnishing the requisite data /information/monitoring reports.
109.	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016, and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India /High Courts and any other Court of Law relating to the subject matter.	**Agreed.**
110.	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	**Not Applicable.**

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Gurugram

SILVERGLADES HOMES LLP

Reg. Office: 506, 5th Floor Times Square Building, B Block, Sushant Lok-I, Gurugram-122002
LLPIN: ABZ-9999,E-mail : cs@silverglades.com; Website:www.silverglades.com;
Ph. No. : 91-124-4550300/309 Fax : 91-124-4550399

To

Deputy Conservator of Forest

F22J+M72, Old Railway Rd, Shanti Nagar,

Shivaji Nagar, Sector 11, Gurugram, Haryana 122001

Subject - **Approval of the conservation plan for schedule-I, Fauna falling in the buffer zone of the project - "Group Housing" at Sector- 63A, Gurugram, Haryana by M/s Silverglades Homes LLP**

Respected Sir,

This is in reference with the project - **"Group Housing" at Sector- 63A, Gurugram, Haryana by M/s Silverglades Homes LLP.** We have applied for a grant of Environmental Clearance, in MoEF&CC, New Delhi

As per the requirement of MoEF&CC we have prepared the Conservation Plan including the allocation of funds for the implementation of the same for 02 scheduled one species found in the buffer zone area i.e *Pavo cristatus* (Pea Fowl) *& Naja naja* (Indian Cobra).

We request you for approval of the plan.

Thanking you,

Yours faithfully ,

05/08/24

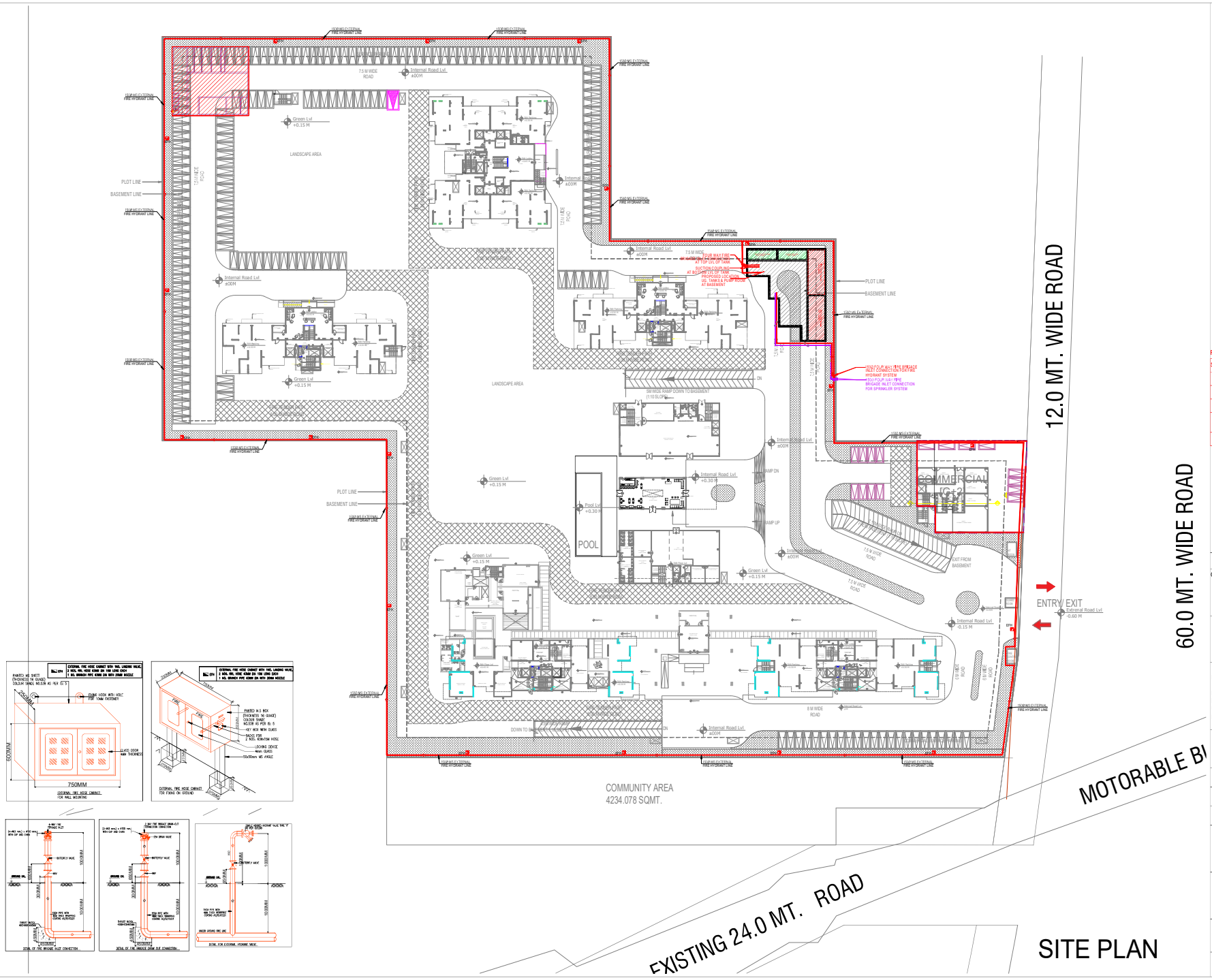
For Silverglades Homes LLP

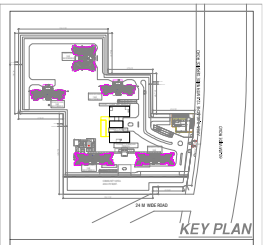
Authorised Representative

Silverglades Homes LLP Gurugram

Silverglades Homes LLP Gurugram

Enclosed: a/a




KEY PLAN

TOWER PLAN

FIRE FIGHTING LEGENDS:

SL.NO.	DESCRIPTION	SYMBOL
1.0	EXTERNAL FIRE HYDRANT	EFH
2.0	BUTTERFLY VALVE	BFV
3.0	NON-RETURN VALVE	NRV
4.0	FOUR WAY FIRE BRIGADE INLET CONNECTION	
5.0	SUCTION COUPLING	

EIA SUBMISSION DRAWING

GENERAL NOTES:

1-ALL DIMENSIONS ARE IN MM UNLESS MENTIONED OTHERWISE (U.N.O.)
2-NO DIMENSIONS ARE TO BE SCALED FROM THIS DRAWING.

DRAWING TITLE:

SITE PLAN FOR FIRE FIGHTING SERVICES

PROJECT TITLE :

PROPOSED RESIDENTIAL COLONY UNDER NILP POLICY FOR THE AREA MEASURING 10.4625 ACRES (LICENCE NO 215 OF 2023 DATED 23/10/2023 (MIGRATION FROM LICENCE NO. 60 OF 2022 DATED 13.05.2022) IN SECTOR-63-A, GURUGRAM MANESAR URBAN COMPLEX BEING DEVELOPED BY PYRAMID & LID REALTORS LLP (EARLIER KNOWN AS SCJS BUILDWELL LLP)

CLIENT / OWNER :

SILVERGLADES HOMES LLP
506,5th FLOOR, TIME SQUARE BUILDING, B-BLOCK, SUSHANT LOK, PHASE-1, GURUGRAM - 122002, HARYANA, INDIA

JOB NO.

SCALE : 1:350 (AO)

DATE : 29.11.2023

DRAWING NO.

NORTH.

ARCHITECT'S SIGNATURE:

OWNER'S SIGNATURE:

ARCHITECTS:-
DESIGN FORUM INTERNATIONAL
Address : K-47 , KAILASH COLONY , NEW DELHI -48
Phone : 011-46556600,46556601 , FAX - 46556601
Website: www.designforuminternational.com

भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

PALM/NORTH/B/020524/907741

सयमाई/आर एच कह/एन आर/एटीएस/एन ओसी/2024/140/505-08

मालिक का नाम एवं पता	Silverglades Homes LLP	**दिनांक/DATE:**	26-02-2024
OWNERS Name & Address	506 5th Floor Time Square, Building B Block Sushant Lok 1 Gurgaon Haryana 122002	**वैधता/ Valid Up to:**	25-02-2032

ऊँचाई की अनुमति हेतु अनापत्ति प्रमाण पत्र(एनओसी)
No Objection Certificate for Height Clearance

1) यह अनापत्ति प्रमाण पत्र भारतीय विमानपत्तन प्राधिकरण (भाविप्रा) द्वारा प्रदत्त दायित्वों के अनुक्रम तथा सुरक्षित एवं नियमित विमान प्रचालन हेतु भारत सरकार (नागर विमानन मंत्रालय) की अधिसूचना जी. एस. आर. 751 (ई) दिनांक 30 सितम्बर, 2015, जी. एस. आर. 770 (ई) दिनांक 17 दिसंबर 2020 द्वारा संशोधित, के प्रावधानों के अंतर्गत दिया जाता है ।
1. This NOC is issued by Airports Authority of India (AAI) in pursuance of responsibility conferred by and as per the provisions of Govt. of India (Ministry of Civil Aviation) order GSR751 (E) dated 30th Sep.2015 amended by GSR770(E) dated 17th Dec 2020 for safe and Regular Aircraft Operations.

2). इस कार्यालय को निम्नलिखित विवरण के अनुसार प्रस्तावित संरचना के निर्माण पर कोई आपत्ति नहीं है I
2. This office has no objection to the construction of the proposed structure as per the following details:

अनापत्ति प्रमाणपत्र आईडी / NOC ID	PALM/NORTH/B/020524/907741
आवेदक का नाम / Applicant Name*	Harsh Kumar Gupta
स्थल का पता / Site Address*	New Integrated Licensing Policy NILP for Rect No 20//5(8-0), 6(8-0), Rect No 21//1(8-0), 9 (8-0), 10/1 (0-3), 10/2 (3-17), 10/3 (4-0), 11/1 (4-0), 11/2 (4-0), 12/1 (3-11), 12/2 (4-9), 13 min (6-14), 18/1/2 Min (5-0), 19(8-0), 20/1 (4-0), 20/2 (4-0) License No 215 of 2023 of Ms Pyramid, LID Realtors LLP in collaboration Silverglades Homes LLP as new developer over an area measuring 10.4625 acres in the revenue estate of village Behrampur Sector 63 A Gurugram Manesar Urban Complex Haryana 122001,Village Behrampur,Gurgaon,Haryana
स्थल के निर्देशांक / Site Coordinates*	28 24 34.72N 77 06 47.53E, 28 24 38.58N 77 06 47.60E, 28 24 30.76N 77 06 49.91E, 28 24 34.67N 77 06 49.99E, 28 24 36.57N 77 06 52.48E, 28 24 38.50N 77 06 52.50E, 28 24 30.59N 77 06 54.74E, 28 24 36.43N 77 06 54.87E, 28 24 34.57N 77 06 54.90E, 28 24 31.04N 77 06 56.55E, 28 24 34.53N 77 06 56.76E, 28 24 36.40N 77 06 56.81E, 28 24 31.21N 77 06 57.08E, 28 24 32.73N 77 06 57.35E, 28 24 36.49N 77 06 57.44E
स्थल की ऊँचाई एएमएसएल मीटर में (औसतन समुद्र तल से ऊपर), (जैसा आवेदक द्वारा उपलब्ध कराया गया) / Site Elevation in mtrs AMSL as submitted by Applicant*	247.62 M
अनुमन्य अधिकतम ऊँचाई एएमएसएल मीटर में (औसतन समुद्र तल से ऊपर) / Permissible Top Elevation in mtrs Above Mean Sea Level(AMSL)	407.62 M

*** जैसा आवेदक द्वारा उपलब्ध कराया गया / As provided by applicant***

3) यह अनापत्ति प्रमाण पत्र निम्नलिखित नियम व शर्तों के अधीन है: -
3. **This NOC is subject to the terms and conditions as given below:**

क) आवेदक द्वारा उपलब्ध कराए गए स्थल की ऊँचाई तथा निर्देशांक को, प्रस्तावित संरचना हेतु अनुमन्य अधिकतम ऊँचाई जारी करने के लिए प्रयोग किया गया है | भारतीय विमान पत्तन प्राधिकरण, आवेदक द्वारा उपलब्ध कराये गए स्थल की ऊँचाई तथा निर्देशांक की यथार्थता का ना तो उत्तरदायित्व वहन करता है, और ना ही इनको प्रमाणीकृत करता है | यदि किसी भी स्तर पर यह पता चलता है कि वास्तविक विवरण, आवेदक द्वारा उपलब्ध कराए गए विवरण से भिन्न है, तो यह अनापत्ति प्रमाण पत्र अमान्य माना जाएगा तथा क़ानूनी कार्यवाही की जाएगी | सम्बंधित विमान क्षेत्र के प्रभारी अधिकारी द्वारा एयरक्राफट नियम 1994 (भवन, वृक्षों आदि के कारण अवरोध का विध्वंस) के अधीन कार्यवाही की जायगी ।
a. Permissible Top elevation has been issued on the basis of Site coordinates and Site Elevation submitted by Applicant. AAI neither owns the responsibility nor authenticates the correctness of the site coordinates & site elevation provided by the applicant. If at any stage it is established that the actual data is different, this NOC will stand null and void and action will be taken as per law. The officer in-charge of the concerned aerodrome may initiate action under the Aircraft (Demolition of Obstruction caused by Buildings and Trees etc.) Rules, 1994",

ख) अनापत्ति प्रमाण पत्र के आवेदन में आवेदक द्वारा उपलब्ध कराए गए स्थल निर्देशांक को सड़क दृश्य मानचित्र और उपग्रह मानचित्र पर अंकित किया गया है जैसा कि अनुलग्नक में दिखाया गया है। आवेदक / मालिक यह सुनिश्चित करे कि अंकित किए गए निर्देशांक उसके स्थल से मेल खाते हैं। किसी भी विसंगति के मामले में, नामित अधिकारी को अनापत्ति प्रमाण पत्र रद्द करने के लिए अनुरोध किया जाएगा।
b. The Site coordinates as provided by the applicant in the NOC application has been plotted on the street view map and satellite map as shown in ANNEXURE. Applicant/Owner to ensure that the plotted coordinates corresponds to his/her site. In case of any discrepancy, Designated Officer shall be requested for cancellation of the NOC.

ग) एयरपोर्ट संचालक या उनके नामित प्रतिनिधि, अनापत्ति प्रमाण पत्र नियमों और शर्तों का अनुपालन सुनिश्चित करने के लिए स्थल (आवेदक या मालिक के साथ पूर्व समन्वय के साथ) का दौरा कर सकते हैं।
c. Airport Operator or his designated representative may visit the site (with prior coordination with applicant or owner) to ensure that NOC terms & conditions are complied with.

घ) संरचना की ऊँचाई (सुपर स्ट्रक्चर सहित) की गणना अनुमन्य अधिकतम ऊँचाई (ए एम एस एल) से स्थल की ऊँचाई को घटाकर की जायेगी | अर्थात, संरचना की अधिकतम ऊँचाई = अनुमन्य अधिकतम ऊँचाई (-) स्थल की ऊँचाई |
d. The Structure height (including any superstructure) shall be calculated by subtracting the Site elevation in AMSL from the Permissible Top Elevation in AMSL i.e. Maximum Structure Height = Permissible Top Elevation minus (-) Site Elevation.

च) अनापत्ति प्रमाण पत्र जारी करना, भारतीय एयरक्राफ्ट एक्ट 1934 , के सैक्शन 9-A तथा इसके अंतर्गत समय-समय पर जारी अधिसूचनाएं तथा एयरक्राफट नियम (1994 भवन, वृक्षों आदि के कारण अवरोध का विध्वंस) के अधीन है ।
e. The issue of the 'NOC' is further subject to the provisions of Section 9-A of the Indian Aircraft Act, 1934 and any notifications issued there under from time to time including, "The Aircraft (Demolition of Obstruction caused by Buildings and Trees etc.) Rules, 1994".

छ) कोई भी रेडियो/ टीवी एन्टीना, लाइटनिंग अरैस्टर, सीढ़िया, मुमटी, पानी की टंकी अथवा कोई अन्य वस्तु तथा किसी भी प्रकार के संलग्नक उपस्कर पैरा 2 में उल्लेखित अनुमन्य अधिकतम ऊँचाई से ऊपर नहीं जानी चाहिए ।
f. No radio/TV Antenna, lightening arresters, staircase, Mumty, Overhead water tank or any other object and attachments of fixtures of any kind shall project above the Permissible Top Elevation as indicated in para 2.

ज) विमानक्षेत्र संदर्भ बिंदु के 8 KM के भीतर तेल, बिजली या किसी अन्य ईंधन का उपयोग जो उड़ान संचालन के लिए धुएं का खतरा पैदा नहीं करता है, ही मान्य है।
g. Use of oil, electric or any other fuel which does not create smoke hazard for flight operation is obligatory, within 8 KM of the Aerodrome Reference Point

झ) यह प्रमाणपत्र इसके जारी होने की तारीख से 8 साल की अवधि के लिए वैध है। एक बार रिवेलीडेशन की अनुमति दी जा सकती है, बशर्ते कि इस तरह का अनुरोध एनओसी की समाप्ति की तारीख से छह महीने के भीतर किया जाए और प्रारंभिक प्रमाणपत्र 8 साल की वैधता अवधि के भीतर प्राप्त किया जाए ।
h. The certificate is valid for a period of 8 years from the date of its issue. One-time revalidation shall be allowed, provided that such request shall be made within six months from the date of expiry of the NOC and commencement certificate is obtained within initial validity period of 8 years.

ट) भवन के निर्माण के दौरान या उसके बाद किसी भी समय स्थल पर ऐसी कोई भी लाइट या लाइटो का संयोजन नहीं लगाया जाएगा जिसकी तीव्रता, आकृति या रंग के कारण वैमानिक ग्राउन्ड लाइटों के साथ भ्रम उत्पन्न हो । विमान के सुरक्षित प्रचालन को प्रभावित करने वाली कोई भी गतिविधि मान्य नहीं होगी |
i. No light or a combination of lights which by reason of its intensity, configuration or colour may cause confusion with the aeronautical ground lights of the Airport shall be installed at the site at any time, during or after the construction of the building. No activity shall be allowed which may affect the safe operations of flights.

ठ) आवेदक द्वारा विमानपत्तन पर या उसके आसपास विमान से उत्पन्न शोर, कंपन या विमान प्रचालन से हुई किसी भी क्षति के विरूद्ध कोई शिकायत/दावा नहीं किया जाएगा ।
j. The applicant will not complain/claim compensation against aircraft noise, vibrations, damages etc. caused by aircraft operations at or in the vicinity of the airport.

ड) डे मार्किंग तथा सहायक विद्युत आपूर्ति सहित नाइट लाइटिंग (डीजीसीए भारत की वेबसाइट www.dgca.nic.in पर उपलब्ध) नागर विमानन आवश्यकताएं श्रंखला 'बी' पार्ट । सैक्शन-4 के चैप्टर 6 तथा अनुलग्नक 6 में विनिर्दिष्ट दिशानिर्देशों के अनुसार उपलब्ध कराई जाएंगी ।
k. Day markings & night lighting with secondary power supply shall be provided as per the guidelines specified in chapter 6 and appendix 6 of Civil Aviation Requirement Series 'B' Part I Section 4, available on DGCA India website: www.dgca.nic.in

ढ) भवन के नक्शे के अनुमोदन सहित अन्य सभी वैधानिक अनापत्ति, संबंधित प्राधिकरणों से लेना आवेदक की जिम्मेदारी होगी, क्योंकि इस ऊँचाई हेतु अनापत्ति प्रमाणपत्र लेने का उद्देश्य सुरक्षित एवं नियमित विमान प्रचालन सुनिश्चित करना है तथा इसे भूमि के स्वामित्व आदि सहित किसी अन्य उद्देश्य/ दावे के लिए दस्तावेज के रूप में प्रयोग नहीं किया जा सकता ।
l. The applicant is responsible to obtain all other statutory clearances from the concerned authorities including the approval of building plans. This NOC for height clearances is only to ensure safe and regular aircraft operations and shall not be used as document for any other purpose/claim whatsoever, including ownership of land etc.

ण) इस अनापत्ति प्रमाणपत्र आईडी का मूल्यांकन Chillarki,I.G.I Airport,NIAJEWAR,Rohini Heliport,Safdarjung Airport,Sampla विमानक्षेत्रो के संबंध में किया गया है। यह अनापत्ति प्रमाणपत्र भारतीय विमान पत्तन प्राधिकरण के विमानक्षेत्रो और अन्य लाइसेंस प्राप्त सिविल विमानक्षेत्रो, जो जी. एस. आर. 751 (ई) जी. एस. आर. 770 (ई) द्वारा संशोधित के अनुसूची - III, अनुसूची - IV (भाग- I), अनुसूची- IV (भाग -2; केवल RCS हवाई अड्डे) और अनुसूची- VII में सूचीबद्ध हैं, के लिए जारी किया गया है ।
m. This NOC ID has been assessed with respect to theChillarki,I.G.I Airport,NIAJEWAR,Rohini Heliport,Safdarjung Airport,Sampla Airports. NOC has been issued w.r.t. the AAI Aerodromes and other licensed Civil Aerodromes as listed in Schedule – III, Schedule – IV(Part-I), Schedule- IV (Part-2; RCS Airports Only) and Schedule-VII of GSR 751(E) amended by GSR770(E)

त) यदि स्थल रक्षा विभाग के विमान क्षेत्र के अधिकार क्षेत्र में आता है, जैसा कि जीएसआर 751 (ई) की अनुसूची-V में सूचीबद्ध है, तो आवेदक को रक्षा विभाग से अलग से अनापत्ति प्रमाणपत्र लेना होता है। जीएसआर 751 (ई) जी. एस. आर. 770 (ई) द्वारा संशोधित के नियम 13 के अनुसार, आवेदकों को उन स्थलों के लिये, जो जीएसआर 751 (ई) जी. एस. आर. 770 (ई) द्वारा संशोधित के अनुसूची- IV (भाग -2; आरसीएस हवाई अड्डों के अलावा) के रूप में सूचीबद्ध बिना लाइसेंस वाले विमान क्षेत्र के अधिकार क्षेत्र में आता हैं, तो संबंधित राज्य सरकार से भी अनापत्ति प्रमाणपत्र लेने की आवश्यकता है।

n. Applicant needs to seek separate NOC from Defence, if the site lies within the jurisdiction of Defence Aerodromes as listed in Schedule – V of GSR 751 E amended by GSR770(E). As per rule 13 of GSR 751 E amended by GSR770(E), applicants also need to seek NOC from the concerned state government for sites which lies in the jurisdiction of unlicensed aerodromes as listed in Schedule-IV (Part-2; other than RCS airports) of GSR 751 E amended by GSR770(E)

थ) अनापत्ति प्रमाण पत्र (एनओसी) की किसी भी त्रुटि/व्याख्या की स्थिति में अंगरेजी अनुवाद ही मान्य होगा।

o. In case of any discrepancy/interpretation of NOC letter, English version shall be valid.

द) स्थल की ऊँचाई और/या संरचना की ऊँचाई के किसी भी विवाद में अनुमन्य अधिकतम ऊँचाई एएमएसएल में ही मान्य होगी।

p. In case of any dispute with respect to site elevation and/or AGL height, Permissible Top Elevation in AMSL shall prevail.

भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

PALM/NORTH/B/020524/907741

क्षेत्र का नाम / Region Name: उत्तर/NORTH

पदनामित अधिकारी/Designated Officer नाम/ पदनाम/दिनांक सहित हस्ताक्षर Name/Designation/Sign with date	26/02/24 ऊत्पल दत्ता बरुआ/UTPAL DUTTA BARUAH महाप्रबंधक (एटीएम)/General Manager (ATM) उत्तरी क्षेत्र/ Northern Region भारतीय विमानपत्तन प्राधिकरण/Airports Authority of India एन.ए.टी.एस.काम्प्लेक्स/इं.गा.अं हवाई अड्डा,नई दिल्ली-37 NATS Complex/IGI Airport, New Delhi-37
द्वारा तैयार Prepared by	26/02/2024 Naveen Jain, DGM(ATM)
द्वारा जांचा गया Verified by	26/02/2024 Yashwant Sharan JGM (ATM)

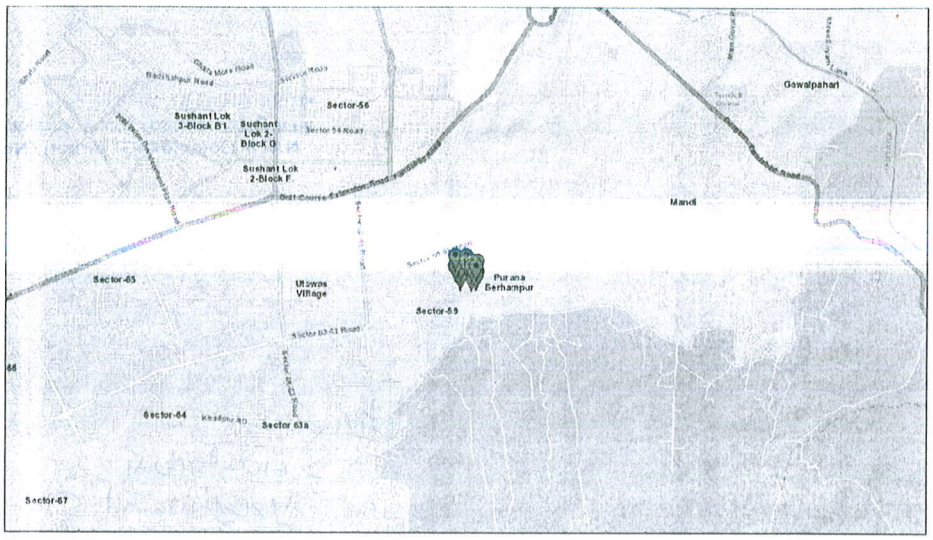
ईमेल आईडी / EMAIL ID : noc_nr@aai.aero
फोन/ Ph: 011-25653551

ANNEXURE/अनुलग्नक

Distance From Nearest Airport And Bearing/निकटतम विमानक्षेत्र से दूरी और बीयरिंग

Airport Name/ विमानक्षेत्र का नाम	Distance (Meters) from Nearest ARP/निकटतम विमानक्षेत्र संदर्भ बिंदु से दूरी (मीटर मे)	Bearing(Degree) from Nearest ARP/निकटतम विमानक्षेत्र संदर्भ बिंदु से बीयरिंग (डिग्री
Chillarki	44358.33	80.17
I.G.I Airport	17515.23	178.64
NIAJEWAR	54614.36	297.11
Rohini Heliport	38209.97	170.93
Safdarjung Airport	21285.78	203.66
Sampla	53674.49	146.69
NOCID	PALM/NORTH/B/020524/907741	

Street View



February 5, 2024

1:45,000
0 0.33 0.65 1.3 mi
0 0.5 1 2 km

Satellite View

February 5, 2024

1:45,000
0 0.33 0.65 1.3 mi
0 0.5 1 2 km

फ़ाइल न॰ :- एएआई/आरएचक्यू/एनआर/एटीएम/एनओसी/2024/140/505-508

1. The Distt. Town Planner, Gurugram, HUDA Complex, Sector-14, Gurugram (HR).

2. The Chief Executive Officer, Delhi International Airport, New Uddan Bhawan, Terminal -3, IGI Airport, New Delhi-110037.

3. Guard File.

GURUGRAM METROPOLITAN DEVELOPMENT AUTHORITY

E-mail: xen3infra2.gmda@gov.in

To

M/s Silverglades Homes LLP
506, 5th Floor, Time Square Building,
B Block, Sushant Lok-I, Gurugram
Email: cs@silverglades.com

Gurugram/Date 04.12.2023.

Subject: - **Assurance of Water Supply for 350 KLD drinking purpose for Affordable Plotted Colony on land measuring 10.4625 acres in revenue estate of Village Behrampur, Sector 63A, Gurugram (License No. 215 of 2023 dated 23.10.2023) being developed by Silverglades Homes LLP.**

With reference to the cited subject, it is intimated that the work of providing master water supply services in the said area is in progress and also the work of construction of additional water treatment plant is in progress. The new water connection to the license cited under subject will be provided as soon as the work is completed. It is hereby assured that the required water supply as per approved service estimate will be made available after completion of master services by GMDA.

It is for your information & necessary action.

Digitally Signed by Abhinav Verma
Date: 05-12-2023 10:05:57
Reason: Approved

Executive Engineer-IV
W/S Division, Infra-II
GMDA, Gurugram

This communication is computer generated and does not contain any signature in pen. This is signed with the digital signature obtained from a certifying authority under the Information Technology Act, 2000. For any queries, please quote the letter Number and e-mail at the mail address provided above.

GMDA

OFFICE OF THE EXECUTIVE ENGINEER-III, DRAINAGE DIVISION, GMDA, GURUGRAM

E-mail –xen2infra2.gmda@gov.in

To,

M/s Silverglades Homes LLP
506, 5th floor Times Square Building,
B-Block, Sushant Lok-I, Gurugram. 122002

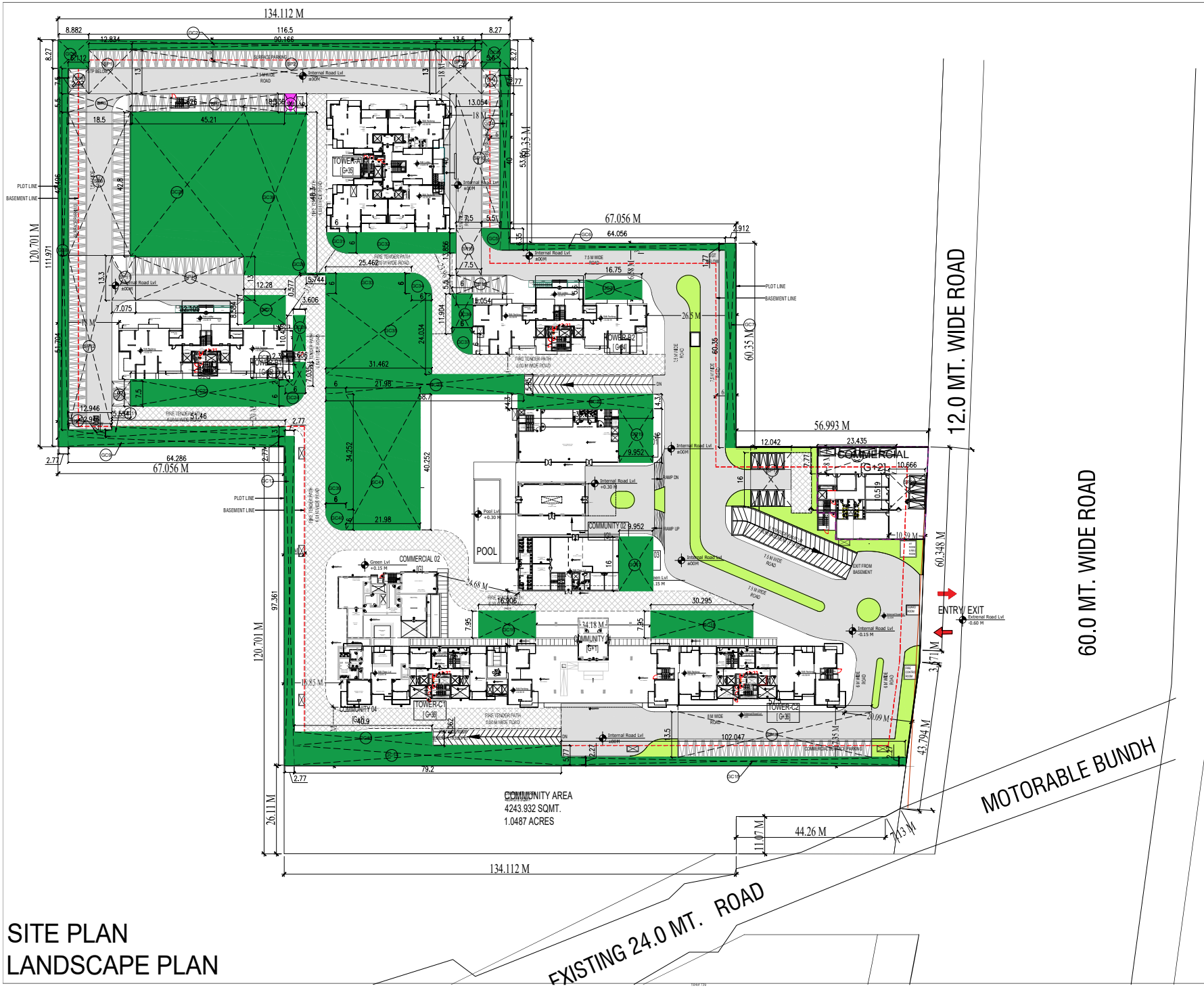
Memo No. GMDA/Drainage/2023/ 755 **Dated.** 04/12/2023

Sub: - Assurance for Storm water connection of Proposed Affordable Plotted Colony (under NILP Policy dated 11.05.2022) after migration of License No. 60 of 2022 dated 13.05.2022 over an area measuring 10.4625 acres in Sector 63A, Gurugram. (License No. 215 of 2023 dated 23.10.2023)

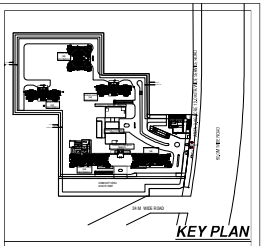
Ref :- Your office letter on dated 27.11.2023.

In this regard, it is submitted that the Storm water connection in Master Storm water drainage sector-63A, of Proposed Affordable Plotted Colony (under NILP Policy dated 11.05.2022) after migration of License No. 60 of 2022 dated 13.05.2022 over an area measuring 10.4625 acres in Sector 63A, Gurugram being developed by your firm will be accorded after completion of your project and after proper verification of document as per requirement.

Executive Engineer –III,
Drainage Division, GMDA
Gurugram



SITE PLAN
LANDSCAPE PLAN



KEY PLAN

LOCATION PLAN

SUBMISSION DRAWING

GENERAL NOTES:
1-ALL DIMENSIONS ARE IN MM UNLESS MENTIONED OTHERWISE (U.N.O.)
2-NO DIMENSIONS ARE TO BE SCALED FROM THIS DRAWING.

DRAWING TITLE:
SITE PLAN
LANDSCAPE PLAN

PROJECT TITLE :
PROPOSED RESIDENTIAL COLONY UNDER NILP POLICY FOR THE AREA MEASURING 10.4625 ACRES (LICENCE NO 215 OF 2023 DATED 23/10/2023 (MIGRATION FROM LICENCE NO. 60 OF 2022 DATED 13.05.2022) IN SECTOR-63-A, GURUGRAM MANESAR URBAN COMPLEX BEING DEVELOPED BY PYRAMID & LID REALTORS LLP (EARLIER KNOWN AS SCJS BUILDWELL LLP)

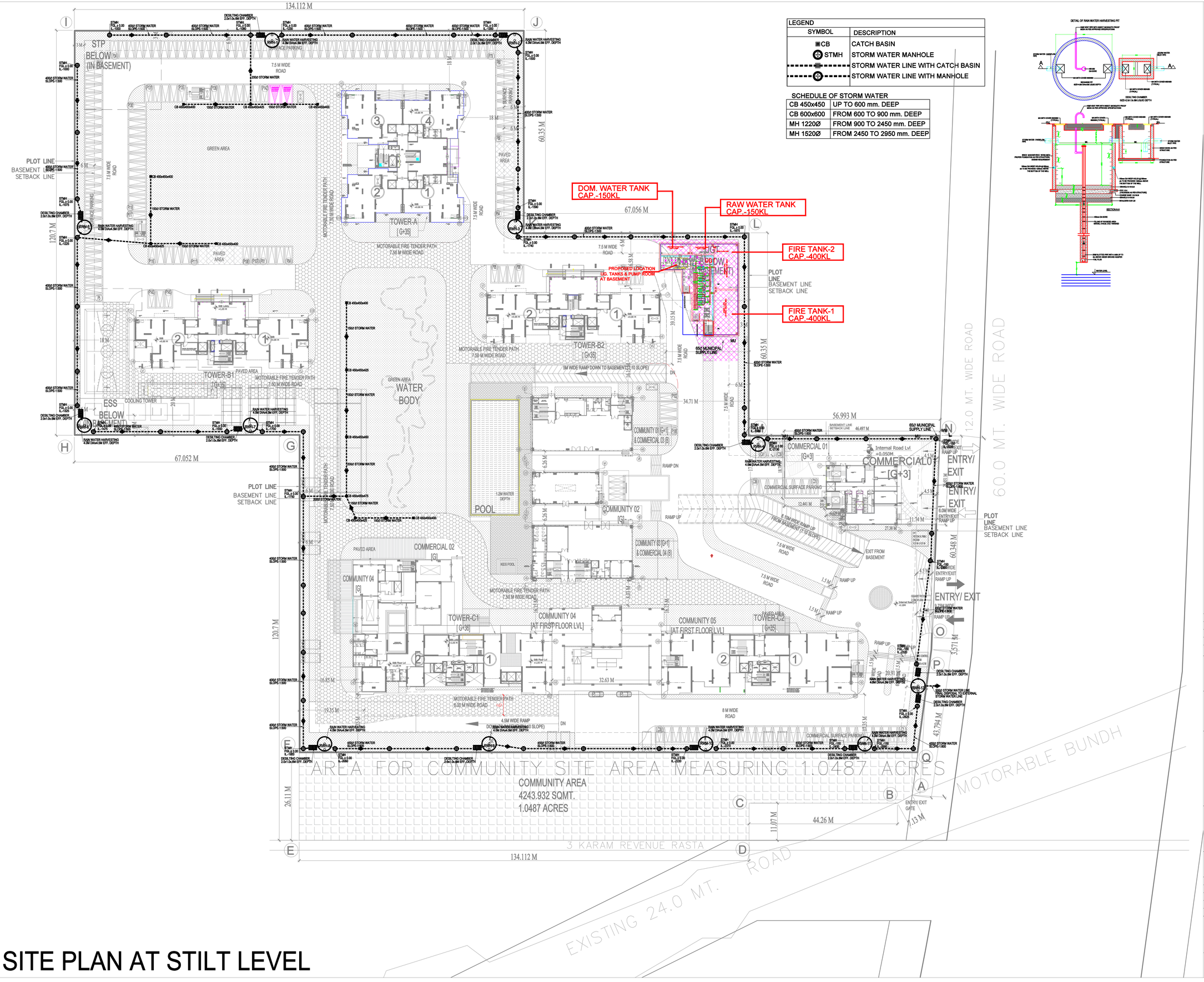
CLIENT / OWNER :
SILVERGLADES HOMES LLP
506,5th FLOOR, TIME SQUARE BUILDING, B-BLOCK, SUSHANT LOK, PHASE-1, GURUGRAM - 122002, HARYANA, INDIA.

JOB NO.
NORTH:
SCALE : 1:350
DATE : 31-10-2023
DRAWING NO. SG/DFI/SUB/AR/ SP/001

ARCHITECT'S SIGNATURE:

OWNER'S SIGNATURE:

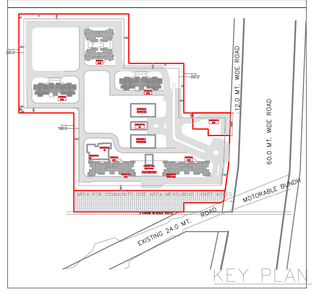
ARCHITECTS:-
DESIGN FORUM INTERNATIONAL
Address : K-47 , KAILASH COLONY , NEW DELHI -48
Phone : 011-46556600,46556601 , FAX - 46556601
Website: www.designforuminternational.com



LEGEND	
SYMBOL	DESCRIPTION
CB	CATCH BASIN
STMH	STORM WATER MANHOLE
	STORM WATER LINE WITH CATCH BASIN
	STORM WATER LINE WITH MANHOLE

SCHEDULE OF STORM WATER

CB 450x450	UP TO 600 mm. DEEP
CB 600x600	FROM 600 TO 900 mm. DEEP
MH 1220Ø	FROM 900 TO 2450 mm. DEEP
MH 1520Ø	FROM 2450 TO 2950 mm. DEEP



NOTES

SL	SPECIFICATION
1	DRAWING AND DIMENSIONS ARE ONLY TO BE READ AND NOT SCALED.
2	UNLESS OTHERWISE MENTIONED, ALL DIMENSIONS ARE GIVEN IN MILIMETERS.
3	THIS DRAWING SHALL BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL, STRUCTURAL, AND SERVICES DRAWINGS.
4	ALL LEVELS GIVEN IN DRAWING ARE WITH REFERENCE TO THE N.G.L. AS BENCHMARKED AT SITE
	ANY DISCREPANCY BETWEEN THE ARCHITECTURAL/STRUCTURAL OR SERVICES DRAWINGS MUST BE BROUGHT TO THE ATTENTION OF THE ARCHITECT BY THE CONTRACTOR OR PROJECT MANAGER , BEFORE EXCECUTION OF THE SAME .

REV.NO.	REVISION	DATE

PURPOSE OF DRAWING
DETAILED DESIGN

CLIENT :-
SILVERGLADES HOMES LLP
506,5th FLOOR, TIME SQUARE BUILDING, B-BLOCK, SUSHANT LOK, PHASE-1, GURUGRAM - 122002, HARYANA, INDIA

PROJECT :-
PROPOSED RESIDENTIAL COLONY UNDER NILP POLICY FOR THE AREA MEASURING 10.4625 ACRES (LICENCE NO 215 OF 2023 DATED 23/10/2023 (MIGRATION FROM LICENCE NO. 60 OF 2022 DATED 13.05.2022) IN SECTOR-63-A, GURUGRAM MANESAR URBAN COMPLEX BEING DEVELOPED BY PYRAMID & LID REALTORS LLP (EARLIER KNOWN AS SCJS BUILDWELL LLP) IN COLLABORATION WITH SILVERGLADES HOMES LLP

SHEET TITLE
SITE PLAN AT STILT LEVEL
EXTERNAL STORM WATER LAYOUT

DRG. NO.
SG/DFI/ DD / AR/SP/SW/001

DATE -	19.11.2024
SCALE -	1:350
PREPARED BY -	ASHISH
CHECKED BY -	S.T
QUALITY CELL -	

REV . NO

NORTH

ARCHITECTS:-
DESIGN FORUM INTERNATIONAL
Address : K-47 , KAILASH COLONY , NEW DELHI -48
Phone : 011-46556600,46556601 , FAX - 46556601
Website: www.designforuminternational.com

SITE PLAN AT STILT LEVEL

सत्यमेव जयते

File No: 21-130/2024-IA.III
Government of India
Ministry of Environment, Forest and Climate Change
IA Division
****

Date **12/09/2024**

To,

Shri Harsh Kumar Gupta
M/s SILVERGLADES HOMES LLP
506, 5th Floor, Time Square Building B Block Sushant Lok-I, Gurgaon Haryana, GURUGRAM, HARYANA, 122002
sec@silverglades.com

Subject: **Construction of Group Housing project at Sector - 63A, Gurugram, Haryana by M/s Silverglades Homes LLP – Grant of Environmental Clearance - reg.**

Sir/Madam,

This is in reference to your application submitted to MoEF&CC vide proposal number IA/HR/INFRA2/456427/2023 dated 22/02/2024 for grant of prior Environmental Clearance (EC) to the proposed project under the provision of the EIA Notification 2006 and as amended thereof.

2. The particulars of the proposal are as below :

(i) EC Identification No.	EC23B3812HR5517135N
(ii) File No.	21-130/2024-IA.III
(iii) Clearance Type	Fresh EC
(iv) Category	B1
(v) Project/Activity Included Schedule No.	8(b) Townships/ Area Development Projects / Rehabilitation Centres
(vi) Sector	INFRA-2
(vii) Name of Project	Group Housing
(viii) Name of Company/Organization	SILVERGLADES HOMES LLP
(ix) Location of Project (District, State)	GURUGRAM, HARYANA
(x) Issuing Authority	MoEF&CC
(xi) Applicability of General Conditions as per EIA Notification, 2006	No

3. The project/activity is covered under item 8(b) ‘Townships and Area Development Projects’ of the Schedule to the EIA Notification, 2006 as amended and requires appraisal at the State level. However, due to the temporary absence of SEIAA in Haryana, the proposal has been appraised at the Central level by sectoral EAC as per the provisions of the OM No. IA3-

22/10/2022-IA.III [E 177258] dated 02.08.2023.

4. Accordingly, the above-mentioned proposal was accepted by the Ministry for Environmental Clearance and has been examined by the Expert Appraisal Committee (Infra-2) in its 122nd meeting held on 08.03.2024.

5. The details of the project, as per the application form, documents submitted by the project proponent, and also as informed during the aforesaid meeting of EAC, are provided below for reference:

i. It's a fresh proposal for Group Housing project at Sector - 63A, Gurugram, Haryana by M/s Silverglades Homes LLP.

ii. The project is located at Sector - 63A, Latitude of the project is 28°24'34.65"N & Longitude of 77°6' 52.58"E.

iii. The total plot area of the project will be 42,340.168 sq. m, net plot area is 38,096.237 sq. m, FAR area will be 1,10,145.10 sq. m, and Non-FAR (Basement Area, Tower Non FAR & Stilt Area) will be 60,047.097 m^2 and total Built-up area will be 1,70,192.195 sq. m. The project will comprise 05 towers. Total 408 dwelling units will be developed. Maximum height of the building is 128.8 m (Upto Terrace) and 136.95 m upto top elevation with B+S/G+36 floors. The details of the building are as follows

Particulars	Unit	Details
Plot Area	sq. m	42,340.168
Community Plot Area surrender to Govt (10% of Site Area)	sq. m	4243.932
Site Area after land Surrender (Net plot area)	sq. m	38096.237
Proposed Commercial Plot Area - (2% of Plot Area)	sq. m	846.803
Proposed Residential Plot Area - (98 % of Plot Area)	sq. m	41,493.365
Permissible Ground Coverage for Commercial	sq. m	423.402 (50%)
Proposed Ground Coverage for Commercial	sq. m	370.598
Permissible F.A.R. For Commercial (1.75 (Main FAR) + 0.12 (Green Building) = 1.87	sq. m	1583.522
Proposed F.A.R. For Commercial (A)	sq. m	1563.930
Permissible Ground Coverage (Residential)	sq. m	14,522.678 (35 %)
Proposed Ground Coverage for Residential	sq. m	6992.75 (15.33%)
Permissible Residential F.A.R. 2.50 (Main FAR) + 0.12 (Green Building) - 2.62	sq. m	108,712.616
Proposed Residential F.A.R (B)	sq. m	108,581.167
Total FAR (Commercial +Residential)	sq. m	1,10,145.10
Non FAR area		
Basement Area	sq. m	32,164.559
Tower Non FAR, Stilt & Guard room	sq. m	27,882.538
Total Non FAR area (C)	sq. m	60,047.097
Total Built up area (A+B+C)	sq. m	1,70,192.195
Tower in Complex	No	5.0
Level of basement	lvl	1.00
Floors	No	B+S/G+36
Green Area	sq. m	9158.824 (24.04% of net plot area)
Surface parking area	sq. m	5956.76
Road Area & Open Area	sq. m	15,617.306
Height of building	m	128.8 (Upto Terrace) & 136.95 m upto top elevation
Dwelling units	No.	408.0
3 BHK	No.	132
4 BHK	No.	268
5 BHK	No.	08

iv. During Construction Phase: Total water requirement will be 16 KLD, out of which 07 KLD potable water will be

sourced through municipal tanker supply and 09 KLD of water will be used for construction activities will be sourced from nearby STP treated water. During the construction Mobile Toilets will be provided for disposal of waste water. Temporary sanitary toilets will be provided during peak labor force.

v. During the operational phase, total water requirement of the project is expected to be 342 KLD and the same will be met by GMDA. 201 KLD fresh water from Municipal supply and 141 KLD Recycled Water will be reused. Wastewater generated of 252 KLD will be treated in STP of 350 KLD capacity. 227 KLD of treated wastewater will be generated and 141 KLD will be reused (91 KLD for flushing, 46 KLD for gardening & 04 KLD for misc purposes. About 86 KLD will be discharged into sewer lines after meeting discharge criteria.

vi. About 1.69 TPD solid wastes will be generated in the project. The biodegradable waste (1.01 TPD) will be processed in OWC and the nonbiodegradable waste generated (0.67 TPD) will be handed over to authorized local vendors.

vii. The total power requirement during the construction phase is 250 kVA and will be met from temporary connection & for the back up DG set of 2 x 125 kVA & 1 x 250 kVA will be kept and total power requirement during operation phase will be 6089.36 KW, which will be sourced by Dakshin Haryana Bijli Vitran Nigam. For power back up DG sets of 2 x 750 kVA & 4 x 2000 kVA will be installed that will be used during power failure only.

viii. Rain water harvesting is proposed to recharge the groundwater through 12 no of rain water harvesting pits.

ix. Parking facility for 1005 ECS is proposed to be provided against the requirement of 612 ECS. (according to local norms)

x. Proposed energy saving measures would save about 20 % of power and provision of Solar Panels of 90.0 kW i.e 1.4% of Electrical load will be provided.

xi. The proposed project is not located in Critically Polluted area.

xii. The proposed project is not located in within 10 km of the Eco Sensitive Zone

xiii. The proposed project does not require NBWL Clearance.

xiv. The proposed project does not require Forest Clearance

xv. No pending court case against the project

xvi. Total green area of 9,158.824 sq. m (24.04% of net plot area) will be provided. Total no of 477 no trees will be planted. No tree felling is involved in the project.

xvii. The total Cost of the project is Rs. 440.0 (Crores).

xviii. Employment potential - Directly and indirectly total 242 no. of people will be engaged out of which 150 no. of labors will be hired during construction phase and 92 no. of during operation phase.

xix. Benefits of the project are given below:

● Social benefit:

1. The project will provide good quality, eco friendly, safe and secured stay

2. Generation of employment to approximately 150 no. of labour during the construction & approx. 92 no. in operation phase.

● Environment benefits:

1. Energy efficient measures to reduce the requirement during the operation stage will be maintained which ultimately leads to lesser demands and reducing carbon footprints of the project making it eco-friendlier.

2. A well-designed waste management approach such as the different collection unit for wet & dry waste respectively and eco-friendly treatment approach i.e. organic waste converter.

6. The committee has noted that the project proponent submitted the application to SEIAA, Haryana vide proposal number SIA/HR/INFRA2/456427/2023 on 23.12.2023 for Environmental Clearance. The proposal was considered by SEAC, Haryana in its 284th meeting held on 05.01.2024 and recommended for grant of EC to SEIAA, Haryana, which has now been transferred to the Ministry for further processing due to absence of Chairman, SEIAA.

7. The EAC has noted that this proposed project is a new proposal with a total built-up area is 1,70,192.195 sq. m and the proposed green belt area is 9,158.824 sq. m. The project proponent has obtained standard ToR from SEIAA, Haryana vide number SEIAA/HR/2023/434 dated 10.11.2023 and baseline data collected from December, 2022 to February, 2023. Further, the project proponent has obtained NOC in respect of the non-applicability of the forest clearance. The proposed project does not involve any forest land diversion, wildlife clearance, CRZ clearance and tree cut.

8. However, wildlife movement has been noted in the proposed area, therefore, the committee has decided to contribute some amount for wildlife conservation plan and project proponent has submitted the undertaking in this regard. Further, the committee has noted that drainage maintenance cost and rainwater restoration cost is very low, therefore, should be increased and rationalised as per area and cost of the project. Thereafter, the project proponent has submitted the

undertaking for wildlife conservation plan. Further, the project proponent has submitted the revised EMP cost, as per the revised EMP, the capital cost is increased from Rs. 888 Lakhs to Rs. 913 Lakhs (including drainage maintenance cost and rainwater restoration cost).

9. The EAC, based on the information submitted and clarifications provided by the project proponent and detailed discussions held on all the issues, recommended granting Environmental Clearance to the project subject to the specific conditions and other Standard EC Conditions as specified by the Ministry vide OM dated 04.01.2019 for the said project/activity, while considering for grant of Environmental Clearance.

10. Based on recommendations of EAC, the Ministry of Environment, Forest and Climate Change hereby accords Environmental Clearance for Construction of Group Housing project at Sector - 63A, Gurugram, Haryana by M/s Silverglades Homes LLP, under the provisions of the EIA Notification, 2006 and amendments/circulars issued thereon, and subject to the specific and standard conditions are enclosed as **Annexure 1**.

11. This issues with the approval of the Competent Authority.

Copy To

1. The Additional Chief Secretary, Department of Environment & Climate Change, Government of Haryana, Room No. 429, 4th Floor, Mini Secretariat, Sector – 17, Chandigarh.
2. The DDG (F), Ministry of Environment, Forest and Climate Change, Regional Office (NZ), Bays No. 24-25, Sector 31 A, Dakshin Marg, Chandigarh – 160 030.
3. The Member Secretary, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi - 110 032.
4. The Member secretary, Haryana State Pollution Control Board, 11, Sector 6, Panchkula, Haryana 134 109.
5. Monitoring Cell, MoEF&CC, Indira Paryavaran Bhavan, New Delhi.
6. Guard File/ Record File/ Notice Board/MoEF&CC website.

Annexure 1

Specific EC Conditions for (Townships/ Area Development Projects / Rehabilitation Centres)

1. Specific Conditions

S. No	EC Conditions
1.1	The Proponent shall prepare and implement the Wildlife Conservation Plan in consultation with the Wildlife Wing of the State Forest Department. Accordingly, the budget of the Wildlife Conservation Plan should be based on the actual field conditions and as per the requirement of the Wildlife Wing of the State Forest Department. The Wildlife Conservation Plan should be submitted to the concerned Regional Office of the Ministry within three months of issue of EC letter.
1.2	The project proponent shall obtain the Fire Safety certification from Fire Department and also height clearance from the Airports Authority of India and submit the same to the concerned Regional Office of the Ministry within six months of the issue of the EC letter.
1.3	Abstraction of groundwater shall be subject to the permission of the Central Ground Water Authority (CGWA). Freshwater requirements shall not exceed 201 KLD during the operational phase.
1.4	As proposed, wastewater shall be treated onsite in STP of 350 KLD capacity.

S. No	EC Conditions
1.5	The project proponents would commission a third-party study on the implementation of conditions related to the quality and quantity of recycling and reuse of treated water, the efficiency of treatment systems, the quality of treated water being supplied for flushing (specially the bacterial counts), comparative bacteriological studies from toilet seats using recycled treated waters and fresh waters for flushing, and quality of water being supplied through spray faucets attached to toilet seats.
1.6	Area for greenery shall be provided as per the details provided in the project document i.e., the area under plantation/greenery will be 9,158.824 sq. m out of the net plot area of 38,096.237 sq. m, i.e. equivalent to 24.04 % of the net plot area. The landscape planning should include the plantation of 477 numbers of native tree species as proposed. A minimum of 01 tree for every 80 sq. m of the total land area of the project should be maintained taking the existing trees into account. Species with heavy foliage, broad leaves, and wide canopy cover may be preferred. Invasive species should not be used for landscaping.
1.7	The local bye-law provisions on rainwater harvesting should be followed. If local bylaws provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Housing and Urban Affairs (erstwhile Ministry of Urban Development), Model Building Byelaws, 2016. As proposed, 12 numbers of rainwater recharge pits shall be provided by PP for rainwater harvesting after filtration.
1.8	The solid waste shall be duly segregated into biodegradable and non-biodegradable components and handled in separate areas earmarked for segregation of solid waste, as per SWM Rules, 2016.
1.9	As committed, biodegradable waste shall be utilized through the OWC to be installed within the site. Inert waste shall be disposed of as per norms at the authorized site.
1.10	The recyclable waste shall be sold to authorized vendors/recyclers.
1.11	Construction & Demolition (C&D) waste shall be segregated and managed as per C&D Waste Management Rules, 2016.
1.12	As committed 1005 ECS parking areas are to be provided and 20% of Electronic vehicle charging points are to be provided.
1.13	The proponent shall ensure the installation of 90 KW solar panel systems for solar lights and LEDs to meet 10% of the total power requirement.
1.14	The Environmental Clearance to the project is primarily under provisions of EIA Notification, 2006. The Project Proponent is under obligation to obtain approvals/clearances under any other Acts/Regulations or Statutes as applicable to the project.
1.15	The proponent shall be responsible for undertaking the operation and maintenance of common facilities like STP, OWC, Green belt development, Solar, Rainwater Harvesting, and other such amenities provided within the project site for a period of 5 years after handed over to the *bona fide* Residential Welfare Association or any other such association and also for completing the formalities related to the transfer of environmental clearance to the *bona fide* Residential Welfare Association and when required.
1.16	The project proponent shall essentially comply with all parking norms and standards as applicable.

S. No	EC Conditions
1.17	Proponent shall ensure that requirements of accessibility particularly universal accessibility and more particularly pedestrian requirements are provided. Street and road sections should have a mandatory provision of cross-section elements and footpaths so as to minimise the shift from walk mode to vehicular mode to have the least impact on energy and the environment.
1.18	The project proponent shall ensure that there is more than one entry /exit from different directions however it should be checked that it does not create road safety hazards.

Standard EC Conditions for (Townships/ Area Development Projects / Rehabilitation Centres)

1. Statutory Compliance

S. No	EC Conditions
1.1	The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
1.2	The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc. as per National Building Code including protection measures from lightening etc.
1.3	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1980, in case of the diversion of forest land for non-forest purpose involved in the project.
1.4	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
1.5	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
1.6	The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.
1.7	A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
1.8	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
1.9	The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste Management Rules, 2016, shall be followed.
1.10	The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.

2. Air Quality Monitoring And Preservation

S. No	EC Conditions
2.1	Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
2.2	A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
2.3	The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5) covering upwind and downwind directions during the construction period.
2.4	Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.
2.5	Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3-meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
2.6	Sand, murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
2.7	Wet jet shall be provided for grinding and stone cutting.
2.8	Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
2.9	All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Management Rules 2016.
2.10	The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.
2.11	The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
2.12	For indoor air quality the ventilation provisions as per National Building Code of India.

3. Water Quality Monitoring And Preservation

S. No	EC Conditions
3.1	The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
3.2	Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
3.3	Total fresh water use shall not exceed the proposed requirement as provided in the project details.
3.4	The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
3.5	A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
3.6	At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.
3.7	Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.
3.8	Use of water saving devices/fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
3.9	Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.
3.10	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
3.11	The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
3.12	A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be

S. No	EC Conditions
	withdrawn without approval from the Competent Authority.
3.13	All recharge should be limited to shallow aquifer.
3.14	No ground water shall be used during construction phase of the project.
3.15	Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
3.16	Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, no treated water shall be disposed in to municipal drain.
3.17	No sewage or untreated effluent water would be discharged through storm water drains.
3.18	Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.
3.19	Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP.
3.20	Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.

4. Noise Monitoring And Prevention

S. No	EC Conditions
4.1	Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.
4.2	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
4.3	Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.

5. Energy Conservation Measures

S. No	EC Conditions
5.1	Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.
5.2	Outdoor and common area lighting shall be LED.
5.3	Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.
5.4	Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
5.5	Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.
5.6	Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.

6. Waste Management

S. No	EC Conditions
6.1	A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
6.2	Disposal of muck during construction phase shall not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
6.3	Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
6.4	Organic waste compost/Vermiculture pit/Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.
6.5	All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
6.6	Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.

S. No	EC Conditions
6.7	Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.
6.8	Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016. Ready mixed concrete must be used in building construction.
6.9	Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Waste Management Rules, 2016.
6.10	Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.

7. Green Cover

S. No	EC Conditions
7.1	No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
7.2	A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
7.3	Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.
7.4	Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.

8. Transport

S. No	EC Conditions
8.1	A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria. a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic. b. Traffic calming measures. c. Proper design of entry and exit points. d. Parking norms as per local regulation.

S. No	EC Conditions
8.2	Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.

9.

S. No	EC Conditions
9.1	A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.

10. Human Health Issues

S. No	EC Conditions
10.1	All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
10.2	For indoor air quality the ventilation provisions as per National Building Code of India.
10.3	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
10.4	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
10.5	Occupational health surveillance of the workers shall be done on a regular basis.
10.6	A First Aid Room shall be provided in the project both during construction and operations of the project.

11. Miscellaneous

S. No	EC Conditions
11.1	The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where

S. No	EC Conditions
	it is displayed.
11.2	ii. environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
11.3	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
11.4	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
11.5	The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/forest/wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/violation of the environmental/forest/wildlife norms/conditions and/or shareholders/stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
11.6	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.
11.7	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report
11.8	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
11.9	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
11.10	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
11.11	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP reportand also that during their presentation to the Expert Appraisal Committee.
11.12	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change (MoEF&CC).
11.13	Concealing factual data or submission of false/fabricated data may result in revocation of this

S. No	EC Conditions
	environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
11.14	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
11.15	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
11.16	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
11.17	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016, and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
11.18	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

Additional EC Conditions

i. Project Proponent shall strive to enhance the Green Belt beyond 24.04 % and that the trees planted in this regard would be planted under the campaign 'एक_पेड़_माँ_के_नाम' and the details of the trees planted would be uploaded on the portal https://merilife.nic.in

HARYANA STATE POLLUTION CONTROL BOARD

HSPCB **Gurgaon North Vikas Sadan, 1st Floor, Near DC Court, Gurgaon Ph.0124-2332775 Email:- hspcbrogrn@gmail.com**

Website: www.hrocmms.nic.in E-Mail - hspcbho@gmail.com

Telephone No.: 0172-2577870-73

No. HSPCB/Consent/ : 329962324GUNOCTE76083805 **Dated:11/10/2024**

To.

M/s : M/s Silverglades Homes LLP
"Group Housing" at Sector- 63A, Gurugram, Haryana
GURGAON
122001

Sub. : Grant of consent to Establish to M/s M/s Silverglades Homes LLP

Please refer to your application no. 76083805 received on dated 2024-09-16 in regional office Gurgaon North.

With reference to your above application for consent to establish,M/s M/s Silverglades Homes LLP is here by granted consent as per following specification/Terms and conditions.

Consent Under	AIR/WATER
Period of consent	11/10/2024 - 11/09/2034
Industry Type	Building and Construction projects having waste water generation more than 100 KLD in respective of their built-up area
Category	RED
Investment(In Lakh)	82310.0
Total Land Area (Sq. meter)	42340.16
Total Builtup Area (Sq. meter)	170192.1
Quantity of effluent	
1. Trade	0.0 KL/Day
2. Domestic	252.0 KL/Day
Number of outlets	1.0
Mode of discharge	
1. Domestic	STP
2. Trade	
Permissible Domestic Effluent Parameters	
1. BOD	10 mg/l
2. COD	50 mg/l
3. TSS	20 mg/l
4. pH	5.5-9.0
5. Total Nitrogen	10 mg/l

6. Total Phosphorus	1 mg/l
7. Fecal coliform (MPN/100ML)	Less than 100
Permissible Trade Effluent Parameters	
1. NA	mg/l
Number of stacks	2
Height of stack	
1. Stack to DG sets 2000 KVA x 4 (Above roof level)	6 METER
2. Stack to DG sets 750 KVA x 2 (Above roof level)	6 METER
Permissible Emission parameters	
1. NA	
Capacity of boiler	
1. NA	Ton/hr
Type of Furnace	
1. NA	
Type of Fuel	
1. Diesel	0.64 KL/day

Regional Officer, Gurgaon North

Haryana State Pollution Control Board.

Terms and conditions

1. The industry has declared that the quantity of effluent shall be 252 KL/Day i.e 0KL/Day for Trade Effluent, 0 KL/Day for Cooling, 252 KL/Day for Domestic and the same should not exceed .

2. The above 'Consent to Establish' is valid for 60 months from the date of its issue to be extended for another one year at the discretion of the Board or till the time the unit starts its trial production whichever is earlier. The unit will have to set up the plant and obtain consent during this period.

3. The officer/official of the Board shall have the right to access and inspection of the industry in connection with the various processes and the treatment facilities being provided simultaneously with the construction of building/machinery. The effluent should conform the effluent standards as applicable

4. That necessary arrangement shall be made by the industry for the control of Air Pollution before commissioning the plant. The emitted pollutants will meet the emission and other standards as laid/will be prescribed by the Board from time to time.

5. The applicant will obtain consent under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21/22 of the Air (Prevention & Control of Pollution) Act,1981 as amended to-date-even before starting trial production

6. The above Consent to Establish is further subject to the conditions that the unit complies with all the laws/rules/decisions and competent directions of the Board/Government and its functionaries in all respects before commissioning of the operation and during its actual working strictly.

7. No in-process or post-process objectionable emission or the effluent will be allowed, if the scheme furnished by the unit turns out to be defective in any actual experience

8. The Electricity Department will give only temporary connection and permanent connection to the unit will be given after verifying the consent granted by the Board, both under Water Act and Air Act.

9. Unit will raise the stack height of DG Set/Boiler as per Board's norms.

10. Unit will maintain proper logbook of Water meter/sub meter before/after commissioning.

11. That in the case of an industry or any other process the activity is located in an area approved and that in case the activity is sited in an residential or institutional or commercial or agricultural area, the necessary permission for siting such industry and process in an residential or institutional or commercial or agricultural area or controlled area under Town and Country Planning laws CLU or Municipal laws has to be obtained from the competent Authority in law permitting this deviation and be submitted in original with the request for consent to operate.

12. That there is no discharge directly or indirectly from the unit or the process into any interstate river or Yamuna River or River Ghaggar.

13. That the industry or the unit concerned is not sited within any prohibited distances according to the Environmental Laws and Rules, Notification, Orders and Policies of Central Pollution control Board and Haryana State Pollution Control Board.

14. That of the unit is discharging its sewage or trade effluent into the public sewer meant to receive trade effluent from industries etc. then the permission of the Competent Authority owing and operating such public sewer giving permission letter to his unit shall be submitted at time of consent to operate.

15. That if at any time, there is adverse report from any adjoining neighbor or any other aggrieved party or Municipal Committee or Zila Parishad or any other public body against the unit's pollution; the Consent to Establish so granted shall be revoked.

16. That all the financial dues required under the rules and policies of the Board have been deposited in full by the unit for this Consent to Establish.

17. In case of change of name from previous Consent to Establish granted, fresh Consent to Establish fee shall be levied.

18. Industry should adopt water conservation measures to ensure minimum consumption of water in their process. Ground water based proposals of new industries should get clearance from Central Ground Water Authority (CGWA)/ Haryana Water Resources (Conservation, Regulation and Management) Authority (HWRA) for scientific development of precious resource

19. That the unit will take all other clearances from concerned agencies, whenever required.

20. That the unit will not change its process without the prior permission of the Board.

21. That the Consent to Establish so granted will be invalid, if the unit falls in Aravali Area or non conforming area.

22. That the unit will comply with the Hazardous Waste Management Rules and will also make the non-leachate pit for storage of Hazardous waste and will undertake not to dispose off the same except for pit in their own premises or with the authorized disposal authority.

23. That the unit will submit an undertaking that it will comply with all the specific and general conditions as imposed in the above Consent to Establish within 30 days failing which Consent to Establish will be revoked.

24. That unit will obtain EIA from MoEF, if required at any stage.

25. In case of unit does not comply with the above conditions within the stipulated period, Consent to Establish will be revoked.

26. That unit will obtain consent to operate from the board before the start of product activity.

27. The industrial/non industrial sector projects shall develop green belt (as applicable) in its premises including periphery, entry and exit, as per notifications/conditions of EC/directions of MOEF/CPCB/SPCB/NGT/ any court of law. In case of stone crushers, hot mix plants, mineral grinding units, screening plants and brick kilns etc., the unit shall develop adequate green belt and erect barrier/barricade/boundary wall as applicable, as per notifications/directions of MOEF/CPCB/SPCB/NGT/ any court of law.

28. The unit shall develop paved or hard surfaced approach road to the site of unit (including the storage site, if it is at different place) from the nearest public road for transportation of raw material/final product.

Specific Conditions

Other Conditions :

1. CTE so granted is on the basis of detail submitted by the Project Proponent in online application and undertakings, CTE granted is without prejudice to the action to be taken in respect of any violation made by Project Proponent in past & CTE will be deemed revoked & further action will be taken as per law if any violation observed at any stage. 2. Project Proponent will submit online application 90 days before expiry of CTE. 3. Project Proponent will be maintained the daily logbook of Gen Set. 4. Project Proponent will follow the all Acts/Rules/Regulations/orders/directions issued by the HSPCB/CPCB/NGT/CAQM and Hon'ble courts and amended time to time in future otherwise CTE so granted shall be revoked without giving any further notice. 5. A detailed water harvesting plan may be submitted by the project proponent. 6. That in case any additional charges / fees / penalty etc. are found payable towards this CTE as per audit then the same shall be paid by the Project Proponent without any objection immediately as and when demanded by this office. 7. That this CTE will not provide any immunity to Project Proponent from any other Act/Rules/Regulations applicable to the project/land in question. 9. Project Proponent will not change the quantity of effluent/Air emission without prior permission of the Board. 10. Stack emission level should be stringent than the existing standards in terms of the identified critical pollutants. 11. Increase of green belt cover by 40% of the total land area beyond the permissible requirement of 33%, wherever feasible. 12. Stipulation of greenbelt outside the project premises such as avenue plantation, plantation in vacant areas, social forestry etc. 13. Project Proponent will dispose off their waste/spent oil of Gen sets only to authorized recyclers by the HSPCB and oily cloths, gloves and other waste will be handed over to CTSDFs as applicable. 14. Project Proponent will obtain all necessary clearance from all concerned departments/Authorities 15. Project Proponent will obtain copy of registration from HWRA for extraction of ground water. 16. Stipulation of greenbelt outside the project premises such as avenue plantation, plantation in vacant areas, social forestry etc. 17. Project Proponent will not generate and discharge any type trade effluent inside or outside the premises of the Project. 20. Project Proponent will strictly comply with the directions of CPCB vide letter No B17011/7/UPC-IIPWM(SUP)/2022 dated 01.02.2022. 21. Project Proponent will comply all the provisions of PWM Rules, 2016 and as amended from time to time 22. Project Proponent should comply directions of Haryana Govt., Urban Local Bodies Department, vide Haryana Govt. GAZ (EXTRA) Aug.20.2013(SRVN. 22.1935 SAKA) dated 20/08/2013 and not use plastic carry bags in the premises or outside the premises by the Project Proponent or their persons. 23. Project Proponent if found violating any of the provisions of PWM Rules, orders and directions as mentioned and any of the above said conditions, the CTE so granted will stand revoked apart from initiation of legal action against the Project Proponent. 24. Project Proponent will comply all the Act/Rules/Notification/Directions i.e. HOWM Rules, E-waste Rules, PMW Rules, BMW Rules, Battery Rules and MSW Rules etc. 25. The Project Proponent will provide proper sampling arrangements on their stacks and effluent sources as applicable. 26. Project Proponent will not store any type of material/products other than the permission obtained by the Project Proponent. 27. Project Proponent will not store any hazardous type material/product which comes under the preview of HOWM Rules, 2016. 28 Project Proponent will take Consent to Operate before starting the occupation/ operation of the project. 29. The Project Proponent will install the project only on the premises for which Project Proponent has applied for NOC. 30. Project Proponent will comply the conditions mentioned in the letter dated 25-10-2019 of CPCB regarding mechanism for Environmental management. 31. Project Proponent needs to register on dust portal. 32. Project Proponent needs to operate Generator only on approved fuel in compliance with CAQM Direction vide no. 76. 33. Project Proponent will register on Dust App developed by CPCB and install Anti-Smog Guns wherever required as per CPCB/CAQM directions. 34. Project Proponent will comply the guidelines/directions regarding handling of C&D waste and construction issued by CPCB & MoEF time to time. 35. Project proponent should ensure that the project distance from Sultanpur national park (Ramsar Wetland) meet as per notification / guidelines issued by MoEF CC Govt. of India regarding wetland area, if in actual site verification the distance will be found less than prescribed distances in notification, this CTE will be revoked and further actions will be initiate against the project. 36. Unit will strictly comply the MSW Rules, PWM Rules, E-waste Rules, Battery Rules, HOWM Rules and C&D Waste Rules amended time to time. 37. Project Proponent will achieve zero discharge and install latest technology of STP and reuse/recycle of treated effluent. 38. Dumping of waste (fly ash, slag, red mud etc.) may be permitted only at designated locations approved by SPCBs/PCCs. 39. The Project Proponent/unit will not claim any benefits on the basis of this CTE in respect of past violation committed by them. 40. Project Proponent will submit the compliance of conditions of CTE within 90 days.

Regional Officer, Gurgaon North

Haryana State Pollution Control Board.

Date: 30-11.2023

STRUCTURAL CERTIFICATE

I **Mohd Mian Quadri,** Structural Engineer, certify that Proposed Residential Colony under NILP Policy for the Area Measuring 10.4625 Acres (Licence No 215 of 2023 Dated 23/10/2023 (Migration from Licence No. 60 of 2022 Dated 13.05.2022) In Sector-63-A, Gurugram Manesar Urban Complex Being Developed By Pyramid & LID Realtors LLP (Earlier Known as SCJS Buildwell LLP), the structural part of entire building has been designed on the basis of structural calculations and are considered safe in accordance with the permissible stresses, slenderness ratio and soil bearing pressure.

Certified that the building has been analyzed and designed in accordance with the latest edition of National Building Code and prevailing code of Bureau of Indian standards for Structural Stability and withstand the Earth Quake impact. The seismic zone considered in design is Zone IV as per IS 1893 part I – 2016

Further I certify that the building is structurally & seismic safe of the purpose it has been designed for.

S.No.	No. of Towers (Nos)	No. of Floors (Nos)	Height of Building (M)
TOWER-A	1	G+35	125.40
TOWER-B1	1	G+35	125.40
TOWER-B2	1	G+34	122.00
TOWER-C1 & C2	2	G+36	128.80
COMMUNITY 01	1	G+1	12.40
COMMUNITY 02	1	G	6.40

NNC DESIGN INTERNATIONAL

CONSULTING STRUCTURAL ENGINEERS

G 70, 2nd Floor, Jaswant Plaza, Near Kalindi Kunj, Main Sarita Vihar Road, Shaheen Bagh, Okhla, New Delhi-110025

Phone No.: 011- 26940734/35/36 Telefax: 011- 26940734

e-mail: nnc_consultants@hotmail.com, nnc.mail7@gmail.com, website: www.nncdesigninternational.com

NNC Design International
Er. Mohd Mian Quadri
M. Tech. (Structural Engg.)
Empanelled Structural Engg.
Office # G-70, 2nd Floor, Jaswant Plaza, Shaheen Bagh, New Delhi-110025
M-9990153598
E-mail:- nnc.mail7@gmail.com

COMMUNITY 03	1	G+1	12.40
COMMUNITY 04	1	G+1	9.80
COMMERCIAL 01	1	G+2	15.70
COMMERCIAL 02	1	G	6.40

Signature:

Name of Structural Engineer : **Mohd Mian Quadri**

Qualification : **M. Tech (Structures),**

Registration No. : **AM/100614/5**

Institution of Engineers

Er. Mohd Main Quadri
M. Tech. (Structural Engg.)
DTCP-TPR No -231A-2023
Empanelled Structural Engg.
Office # G-70, 2nd Floor, Jaswant Plaza,
Shaheen Bagh, New Delhi-110025
M-9990153598

प्रभागीय वन अधिकारी द्वारा स्पष्टीकरण पत्र
Clarification letter by
Concerned Divisional Forest Officer
हरियाणा सरकार / Government of Haryana

गैर-वन भूमि पर वन कानून उपयुक्तता के विषय में स्पष्टीकरण पत्र।
Clarification letter regarding applicability of forest laws on non forest land.

नाम Name	दिनेश कुमार Dinesh Kumar
संगठन का नाम Organisation Name	Scjs Buildwell Llp
वर्तमान पता Current Address	Sohna,Gurgaon,Haryana
भूमि स्थान Land Location	BEHRAMPUR,Gurgaon,Behrampur
भूमि मापन Land Measurements	11.15 (Acre)
आयत नम्बर / मुरबा नम्बर Rectangle No./ Murba No.	Rect. No.21 Kila No.7/2/2/2(00-16), 8/1(01-18), 12/2(04-09), 13(08-00), 14/1/1/1(00-08), 17/2/2/2(00-00), 18/1/2(06-02), 19(08-00), 10/1(00-03), 10/2(03-17), 11/2(04-00), 20/1(04-00), 1(08-00),10/3(04-00),9(08-00),12/1(03-11),11/1(04-00),20/2(04-00), Rect. No.20 Kila No. 5(08-00),6(08-00) Total Land Measuring 89k-04m Or 11.15 Acres In Revenue Estate Village Behrampur,tehsil: Wazirabad, Distt. Gurugram, Haryana

Reference No. (SRN):- T11-WCV-9R9V
जारी करने की तिथि / Date of Issuance: 15-02-2022
जारी करने का स्थान / Place of Issuance: Gurgaon
जारी करने वाला प्राधिकरण / Issuing Authority: Divisional Forest Officer

This is a Digitally Signed Certificate and does not require physical signature. The authenticity of this certificate can be verified from the verification link mentioned below:
https://164.100.137.243/eservices/mobileapi/verify/clarification/T11WCV9R9V

प्रभागीय वन अधिकारी द्वारा स्पष्टीकरण पत्र
Clarification letter by
Concerned Divisional Forest Officer
हरियाणा सरकार / Government of Haryana

गैर-वन भूमि पर वन कानून उपयुक्तता के विषय में स्पष्टीकरण पत्र।
Clarification letter regarding applicability of forest laws on non forest land.

किला नम्बर Killa Number	Rect. No.21 Kila No.7/2/2/2(00-16), 8/1(01-18), 12/2(04-09), 13(08-00), 14/1/1/1(00-08), 17/2/2/2(00-00), 18/1/2(06-02), 19(08-00), 10/1(00-03), 10/2(03-17), 11/2(04-00), 20/1(04-00), 1(08-00),10/3(04-00),9(08-00),12/1(03-11),11/1(04-00),20/2(04-00), Rect. No.20 Kila No. 5(08-00),6(08-00) Total Land Measuring 89k-04m Or 11.15 Acres In Revenue Estate Village Behrampur,tehsil: Wazirabad, Distt. Gurugram, Haryana
प्रयोजन Purpose	Building Construction

जारी करने की तिथि / Date of Issuance: 15-02-2022
जारी करने का स्थान / Place of Issuance: Gurgaon
जारी करने वाला प्राधिकरण / Issuing Authority: Divisional Forest Officer

This is a Digitally Signed Certificate and does not require physical signature. The authenticity of this certificate can be verified from the verification link mentioned below:

https://164.100.137.243/eservices/mobileapi/verify/clarification/T11WCV9R9V

प्रभागीय वन अधिकारी द्वारा स्पष्टीकरण पत्र
Clarification letter by
Concerned Divisional Forest Officer
हरियाणा सरकार / Government of Haryana

गैर-वन भूमि पर वन कानून उपयुक्तता के विषय में स्पष्टीकरण पत्र।
Clarification letter regarding applicability of forest laws on non forest land.
Applicant Dinesh Kumar located at village /city BEHRAMPUR district Gurgaon made a proposal to use this land for Building Construction. It is made clear that:

a) As per records available above said land is not part of notified Reserved Forest, Protected Forest under Indian Forest Act, 1927 or any area closed under section 4 of Punjab Land Preservation Act, 1900.

b) It is clarified that by the Notification No. S.O.8/P.A 2/1900/S. 4/2013 dated 4th January, 2013, all Revenue Estate of Gurgaon is notified u/s 4 of PLPA 1900 and S.O.81/PA.2/1900/S.3/2012 u/s 3 of PLPA 1900. The area is however not recorded as forest in the Government record but felling of any tree is strictly prohibited without the permission of Divisional Forest Officer, Gurgaon.

c) If approach is required from Protected Forest by the user agency, the clearance/ regularization under Forest Conservation Act 1980 will be required. Without prior clearance from Forest Department, the use of Forest land for approach road is strictly prohibited. M/s Scjs Buildwell Llp whose land is located at village/city, BEHRAMPUR District Gurgaon must obtain clearance as applicable under Forest Conservation Act 1980.

d) As per the records available with the Forest Department, Gurgaon the area does not fall in areas where plantations were raised by the Forest Department under Aravalli project.

e) All other statutory clearances mandated under the Environment Protection Act. 1986, as per the notification of Ministry of Environment and Forests, Government of India, dated 07-05-1992 or any other Act/ order shall be obtained as applicable by the project proponents from the concerned authorities.

f) The project proponent will not violate any Judicial Order/ direction issued by the Hon'ble Supreme Court/ High Courts.

g) It is clarified that the Hon'ble Supreme Court has issued various judgments dated 07.05.2002, 29.10.2002, 16.12.2002, 18.03.2004, 14.05.2008 etc. pertaining to Aravalli region in Haryana, which should be complied with.

h) It shall be the responsiblity of user agency/ applicant to get necessary clearances/ permissions under various Acts and Rules applicable if any, from the respective authorities/ Department.

i) This certificate is not applicable in case of Environment Department notification dated 10.03.2016 for Screening Plant, and notification dated 11.05.2016 for Stone Crusher. Investor/Applicant has to take clearance from Environment Department in case of Screening Plant and Stone Crusher.

It is subject to the following conditions:

1.Clarification Is Hereby Issued Subject To The Conditions Mentioned Above.

Date: 15-02-2022
Place: Gurgaon

Rajeev Tejyan,
(Divisional Forest Officer)

This is a Digitally Signed Certificate and does not require physical signature. The authenticity of this certificate can be verified from the verification link mentioned below:

https://164.100.137.243/eservices/mobileapi/verify/clarification/T11WCV9R9V

DAKSHIN HARYANA BIJLI VITRAN NIGAM
(A Govt. of Haryana Undertaking)
Office of
Superintending Engineer (OP) Circle-II, DHBVN, Gurugram
2nd Floor, Housing Board Office Complex, Saraswati Vihar, M.G. Road,
Gurugram, Haryana-122002
☎ 0124-2582106, 0124-4378109
E-mail – seop2gurugram@dhbvn.org.in Website - www.dhbvn.org.in

To,

M/s Silverglades Homes LLP,
506, 5th Floor Times Square Building,
B-Block, Sushant Lok-I, Gurugram.

Memo No. Ch- 68 /DGR- 26B Dated: 3 /01/2024

Sub: Assurance certificate of DHBVN for power supply of M/s Silverglades Homes LLP, for setting up of Residential Colony over an area measuring 10.4625 acres (License no. 215 of 2023 dated 23.10.2023) in the revenue estate village-Behrampur, Sector-63A, Gurugram.

Refer to your letter no. Nil dated 07.12.2023, received in this office on 02.01.2024.

It is hereby assured that the power requirement of tentative load of **6246 KW** shall be considered from the nearest sub-station at 33 KV level at the time of actual requirement as per DHBVN norms, subject to the following conditions:-

1. Subject to availability of power and infrastructure at the time of actual release of connection.
2. Necessary charges will be got deposited by you as per latest Nigam instructions, along with compliance of all other relevant Nigam instructions/HERC Regulations.
3. The necessary infrastructure will be laid by you at your own cost. The piece of land will be provided by you for the switching station / sub-station as per instructions of the Nigam.
4. The validity of this letter will be till the validity of licenses issued by Town & Country Planning, Haryana in view of Sales Circular no. D-6/2022 issued by CE/Commercial, DHBVN, Hisar vide memo no. Ch-06/SE/C/R-16/380/Vol-I dated 10.03.2022.

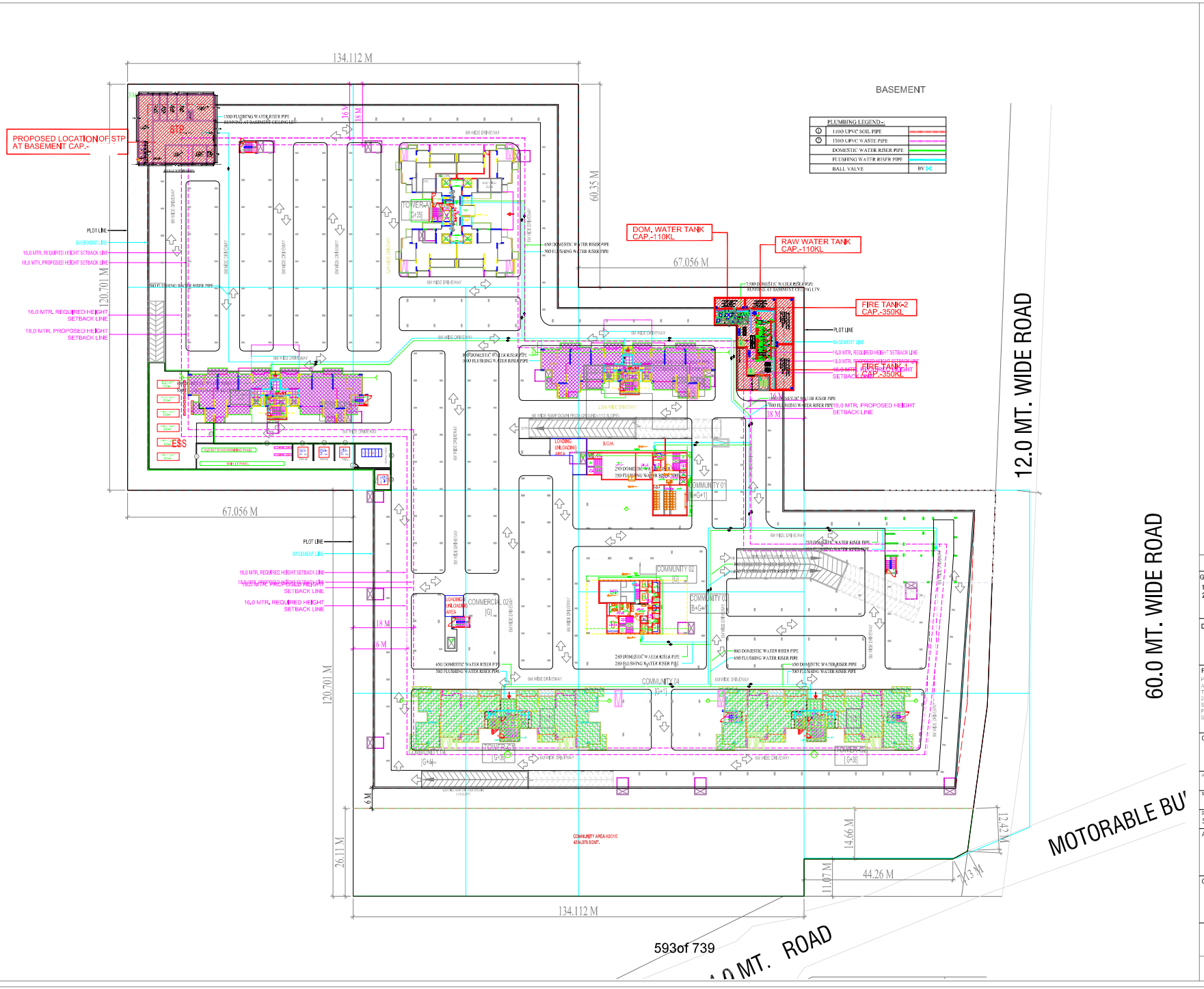
S.E (OP) Circle –II
DHBVN, Gurugram

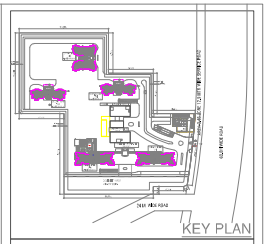
Copy to:-
The Xen 'OP' Divn. DHBVN, Sohna for information, please.

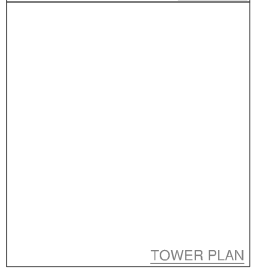

MTI SMOG GUN
ASG-50
17 Oct 2025 2:25:57 pm
Archview Drive
Sector 58
Gurugram
Gurgaon Division
Haryana


ACE MTC 3625
WHEEL WASH AREA
ANTI SMOG GUN ASG-50
MAKE IN INDIA
एक कदम स्वच्छता की ओर
17 Oct 2025 2:26:17 pm
Unnamed Road
Sector 59
Gurugram
Gurgaon Division
Haryana


17 Oct 2025 2:25:58 pm
Archview Drive
Sector 58
Gurugram
Gurgaon Division
Haryana
smog gun







SUBMISSION DRAWING

GENERAL NOTES:

1-ALL DIMENSIONS ARE IN MM UNLESS MENTIONED OTHERWISE (U.N.O.)
2-NO DIMENSIONS ARE TO BE SCALED FROM THIS DRAWING.

DRAWING TITLE:

BASEMENT CEILING PLAN PLUMBING WATER SUPPLY LAYOUT

PROJECT TITLE :

PROPOSED RESIDENTIAL COLONY UNDER NLP POLICY
AT VILLAGE BEHRAPROPOSED RESIDENTIAL COLONY UNDER NLP POLICY FOR THE AREA MEASURING 10.4625 ACRES (LICENCE NO 215 OF 2023 DATED 23/10/2023 MIGRATION FROM LICENCE NO. 69 OF 2022 DATED 13.05.2022) IN SECTOR-63A, GURUGRAM MANESAR URBAN COMPLEX BEING DEVELOPED BY PYRAMID & LID REALTORS LLP (EARLIER KNOWN AS SCJS BUILDWELL LLP) MPUR, SECTOR-63A , GURUGRAM DISTRICT, GURUGRAM, HARYANA.

CLIENT / OWNER :

SILVERGLADES HOMES LLP
506,5th FLOOR, TIME SQUARE BUILDING, B-BLOCK, SUSHANT LOK, PHASE-1, GURUGRAM- 122002, HARYANA, INDIA

JOB NO.

NORTH

SCALE : 1:350

DATE : 2.11.2023

DRAWING NO. SG/DFI/SUB/MEP/BP/002(C)

ARCHITECT'S SIGNATURE:

OWNER'S SIGNATURE:

ARCHITECTS:-
DESIGN FORUM INTERNATIONAL
Address : K-47 , KAILASH COLONY , NEW DELHI -48
Phone : 011-46556600,46556601 , FAX - 46556601
Website: www.designforuminternational.com

GURUGRAM METROPOLITAN DEVELOPMENT AUTHORITY

Email id: xen4infra2.gmda@gov.in

To,

M/s Silverglades Homes LLP,
506, 5th Floor Times Square Building,
B Block, Sushant Lok -I,
Gurugram – 122002, E-mail – cs@silverglades.com

Gurugram / Dated: 04.12.2023

Sub: - **Assurance for Sewerage Connection for disposal of 115 KLD surplus treated domestic effluent in Master Sewer line after commissioning of proposed New Integrated Licensing Policy (NILP) dated 11.05.2022 on land measuring 10.4625 acres (after migration of License No. 60 of 2022 dated 13.05.2022 granted for setting up of Affordable Plotted Colony over an area measuring 10.4625 acres) (License No. 215 of 2023 dated 23.10.2023 valid upto 22.10.2028) falling in the revenue estate of village – Behrampur, Sector – 63A, Gurugram being developed by M/s Silverglades Homes LLP.**

Ref :- **Your office latter on dated 27.11.2023.**

In this regard, it is submitted that the Sewer connection in Master Sewer line for disposal of 115 KLD surplus treated domestic effluent from STP after commissioning the proposed New Integrated Licensing Policy (NILP) dated 11.05.2022 on land measuring 10.4625 acres (after migration of License No. 60 of 2022 dated 13.05.2022 granted for setting up of Affordable Plotted Colony over an area measuring 10.4625 acres) (License No. 215 of 2023 dated 23.10.2023 valid upto 22.10.2028) falling in the revenue estate of village–Behrampur, Sector–63A, Gurugram being developed by your firm could be given after completion of the Master Sewer line in the area.

The sewerage connection for your above said project for discharge of surplus treated waste water will be accorded after laying and completion of the master sewer lines along with STP.

Executive Engineer -V
Sew. Division, GMDA
Gurugram
Digitally Signed by Abhinav Verma
Date: 05-12-2023 13:41:34
Reason: Approved

This communication is computer generated and does not contain any signature in pen. This is signed with the digital signature obtained from a certifying authority under the Information Technology Act, 2000. For any queries, please quote the letter Number and e-mail at the mail address provided above.

GRC INDIA TRAINING & ANALYTICAL LABORATORY

(A unit of Grass Roots Research & Creation India (P) Ltd.)

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 (OH&S) Certified
NABL Accredited Laboratory (A Constituent Board of QCI) , TC 7501 (Chemical & Biological)
Recognized by Ministry of Environment, Forest & Climate Change (MoEF&CC, GOI), under the E (P) Act, 1986
Head Office: F-375, Sector-63, Noida, Gautam Budh Nagar, U.P. – 201301
Phone No.: 0120 – 4044630, 4044660; **Fax**: 0120 – 2406519, 0120 - 4044675
Website: https://www.grc-india.com; **E-mail** : lab@grc-india.com; info@grc-india.com

TC-7501

Test Report

Report Code: A20250531-016 **Issue Date: 31.05.2025**

Issued To: Group Housing Project
M/s Silverglades Homes LLP,
at Sector -63A, Gurugram, Haryana.

Analysis Duration: 03.05.2025 to 29.05.2025

Sample Description: Ambient Air

RESULTS

(Ambient Air Quality Analysis)

SAMPLING DETAILS

Sampling Location	:	Project Site
Sample Collected by	:	Mr. Akash Verma
Sampling Protocol	:	GRC/LAB/STP/AIR/01: 2018
Weather Condition	:	Clear Sky
Sampling Duration	:	24 Hours
Sampling Duration for CO	:	1 Hour
Sampler Installation Height	:	4.0 Meter above Ground Level
Sample Packing & Marking	:	Plastic Bottle/ Zip Polybag & SHL/MAY/A001-A008

S. No.	Date	Test Parameters				
		Particulate Matter (PM_{10}); µg/m³	Particulate Matter ($PM_{2.5}$); µg/m³	Sulphur Dioxide (SO_2); µg/m³	Nitrogen Dioxide (NO_2); µg/m³	Carbon Monoxide (CO); µg/m³
		IS 5182 (Part 23): 2006 (RA 2022)	IS 5182 (Part 24): 2019 (RA 2024)	IS 5182 (Part 2/Sec 1):2023	IS 5182 (Part 6): 2006 (RA 2022)	IS 5182 (Part 10): 1999 (RA 2019)
National Ambient Air Quality Standards (2009) -24 Hours ** Except CO		**100**	**60**	**80**	**80**	**4000**
1	02.05.2025	159.8	105.3	9.4	40.9	330
2	06.05.2025	173.3	118.2	8.7	36.4	460
3	10.05.2025	168.8	116.6	7.8	43.2	430
4	14.05.2025	164.4	110.7	9.1	34.3	320
5	17.05.2025	153.7	106.5	8.5	35.7	440
6	20.05.2025	155.6	104.8	9.3	39.8	350
7	24.05.2025	164.8	109.7	9.6	34.5	340
8	27.05.2025	154.7	102.6	8.4	41.6	440

****End of Report****

Reviewed By

Narinder Singh
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)

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Website: https://www.grc-india.com; **E-mail** : lab@grc-india.com; info@grc-india.com

Test Report

Report Code: N20250509-016 **Issue Date: 09.05.2025**

Issued To: Group Housing Project
M/s Silverglades Homes LLP,
at Sector -63A, Gurugram, Haryana.

Data Received on: 07.05.2025

Sample Description: Ambient Noise

RESULTS

(Ambient Noise Monitoring Data)

SAMPLING DETAILS

Date of Monitoring	:	05.05.2025
Monitoring Done by	:	Mr. Akash Verma
Monitoring Protocol	:	IS 9989: 1981, RA 2023
Weather Condition	:	Clear Sky
Monitoring Duration	:	24 Hours

S. No.	Location	Zone	Prescribed Limit {Noise Pollution (Regulation & Control) Rules, 2000}; Leq, dB (A)		Observed Value; Leq, dB (A)	
			Day Time*	Night Time**	Day Time*	Night Time**
1	Project Site	Residential Area	**55**	**45**	54.8	44.5

* Day Time	6.00 AM to 10.00 PM
**Night Time	10.00 PM to 6.00 AM

****End of Report****

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Narinder Singh
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)

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Test Report

Report Code: GW20250520-016(A) **Issue Date: 20.05.2025**

Issued To: Group Housing Project
M/s Silverglades Homes LLP,
at Sector -63A, Gurugram, Haryana.

Sample Received on: 06.05.2025
Analysis Duration: 06.05.2025 to 19.05.2025

Sample Description: Ground Water

RESULTS

(Water Quality Analysis)

SAMPLING DETAILS

Date of Sampling	:	05.05.2025
Sampling Location	:	Project Site
Sample Collected by	:	Mr. Akash Verma
Sampling Protocol	:	IS 17614 (Part-21): 2021
Weather Condition	:	Clear Sky
Sample Quantity	:	5 Liter
Sample Packing & Marking	:	Plastic Bottle & SHL/MAY/GW-01

S. No.	Parameters	Units	Requirements (as per IS 10500: 2012, RA 2023)		Results	Test Method
			Desirable Limit	Permissible Limit		
1	Color	Hazen	5	15	<5	IS 3025 (Part-4): 2021
2	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5): 2018
3	Turbidity	NTU	1	5	<1	IS 3025 (Part-10): 2023
4	pH Value	-	6.5-8.5	No Relaxation	7.81	IS 3025 (Part-11): 2022
5	Total Dissolved Solids	mg/l	500	2000	1490	IS 3025 (Part-16): 2023
6	Total Hardness (as CaCO3)	mg/l	200	600	387	IS 3025 (Part-21): 2009, RA 2023
7	Total Alkalinity (as CaCO3)	mg/l	200	600	412	IS 3025 (Part-23): 2023
8	Chlorides (as Cl)	mg/l	250	1000	377	IS 3025 (Part-32): 1988, RA 2019
9	Fluoride (as F)	mg/l	1	1.5	0.6	APHA 24th Ed., 4500F-D: 2024
10	Calcium (as Ca2+)	mg/l	75	200	93	IS 3025 (Part-40): 2024
11	Magnesium (as Mg2+)	mg/l	30	100	37	IS 3025 (Part-46): 2023
12	Sulphate (as SO4)	mg/l	200	400	170	IS 3025 (Part-24/Sec-1): 2022
13	Nitrate (as NO3)	mg/l	45	No Relaxation	18	IS 3025 (Part-34/Sec-1): 2023
14	Iron (as Fe)	mg/l	1.0	No Relaxation	0.43	3120-B, APHA 24th Ed. 2023 (ICP-OES)

Reviewed By

Rahul Singh
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)

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Website: https://www.grc-india.com; **E-mail** : lab@grc-india.com; info@grc-india.com

Test Report

Report Code: GW20250520-016(A) **Issue Date: 20.05.2025**

15	Aluminum (as Al)	mg/l	0.03	0.2	<0.01	APHA 24th Ed., 3120-B: 2023 (ICP-OES)
16	Copper (as Cu)	mg/l	0.05	1.5	<0.01	APHA 24th Ed., 3120-B: 2023 (ICP-OES)
17	Manganese (as Mn)	mg/l	0.1	0.3	<0.01	APHA 24th Ed., 3120-B: 2023 (ICP-OES)
18	Boron (as B)	mg/l	0.5	2.4	<0.01	APHA 24th Ed., 3120-B: 2023 (ICP-OES)
19	Zinc (as Zn)	mg/l	5	15	<0.01	APHA 24th Ed., 3120-B: 2023 (ICP-OES)
20	Selenium (as Se)	mg/l	0.01	No Relaxation	<0.01	APHA 24th Ed., 3120-B: 2023 (ICP-OES-VGA)
21	Arsenic (as As)	mg/l	0.01	No Relaxation	<0.01	APHA 24th Ed., 3120-B: 2023 (ICP-OES-VGA)
22	Cadmium (as Cd)	mg/l	0.003	No Relaxation	<0.001	APHA 24th Ed., 3120-B: 2023 (ICP-OES)
23	Total Chromium (as Cr3+)	mg/l	0.05	No Relaxation	<0.01	APHA 24th Ed., 3120-B: 2023 (ICP-OES)
24	Cyanide (as CN)	mg/l	0.05	No Relaxation	<0.01	IS 3025 (Part-27): 1986, RA 2019
25	Lead (as Pb)	mg/l	0.01	No Relaxation	<0.01	APHA 24th Ed., 3120-B: 2023 (ICP-OES)
26	Mercury (as Hg)	mg/l	0.001	No Relaxation	<0.001	APHA 24th Ed., 3120-B: 2023 (ICP-OES-VGA)
27	Nickel (as Ni)	mg/l	0.02	No Relaxation	<0.01	APHA 24th Ed., 3120-B: 2023 (ICP-OES)
28	Phenolic Compounds (as C6H5OH)	mg/l	0.001	0.002	<0.001	IS 3025 (Part-43/Sec-1): 2022
29	Anionic Detergent (as MBAS)	mg/l	0.2	1	<0.01	IS 3025 (Part-68): 2023
30	Silica (as SiO2)	mg/l	,---	,---	4.8	APHA 24th Ed., 4500-SiO2 (C/D): 2023
31	Phosphate (as PO4)	mg/l	,---	,---	1.2	APHA 24th Ed., 4500-P D: 2023
32	Specific Conductivity	µS/cm	,---	,---	2230	IS 3025 (Part-14): 2013, RA 2023

****End of Report****

Reviewed By

Rahul Singh
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)

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Website: https://www.grc-india.com; **E-mail** : lab@grc-india.com; info@grc-india.com

TC-7501

Test Report

Report Code: GW20250510-016(B) **Issue Date: 10.05.2025**

Issued To: Group Housing Project
M/s Silverglades Homes LLP,
at Sector -63A, Gurugram, Haryana.

Sample Received on: 06.05.2025
Analysis Duration: 06.05.2025 to 09.05.2025

Sample Description: Ground Water

RESULTS

(Water Quality Analysis)

SAMPLING DETAILS

Date of Sampling	:	05.05.2025
Sampling Location	:	Project Site
Sample Collected by	:	Mr. Akash Verma
Sampling Protocol	:	IS 17614 (Part-25): 2022
Weather Condition	:	Clear Sky
Sample Quantity	:	0.5 Liter
Sample Packing & Marking	:	Sterile Glass Bottle & SHL/MAY/GW-01

S. No.	Parameters	Units	Requirements (as per IS 10500: 2012, RA 2018)	Results	Test Method
1	Total Coliform	MPN/100ml	Shall not be detected in 100 ml Sample	<2 (Not Detected)	IS 15185: 2016, RA 2021
2	E. coli	MPN/100ml	Shall not be detected in 100 ml Sample	<2 (Absent)	IS 15185: 2016, RA 2021

****End of Report****

GRC INDIA TRAINING & ANALYTICAL LABORATORY NOIDA

Reviewed By

Ajay Kumar Sharma
(Sr. Quality Manager)
Authorized Signatory
(Seal & Signature)

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TC-7501

Test Report

Report Code: S20250520-016 **Issue Date: 20.05.2025**

Issued To: Group Housing Project
M/s Silverglades Homes LLP,
at Sector -63A, Gurugram, Haryana.

Sample Received on: 06.05.2025
Analysis Duration: 06.05.2025 to 19.05.2025

Sample Description: Soil Sample

RESULTS
(Soil Quality Analysis)

SAMPLING DETAILS

Date of Sampling	:	05.05.2025
Sampling Location	:	Project Site
Sample Collected by	:	Mr. Akash Verma
Sampling Protocol	:	GRC/LAB/STP/01: 2018
Weather Condition	:	Clear Sky
Sample Quantity	:	5 Kg (Composite sample)
Sample Packing & Marking	:	Zip Polybag & SHL/MAY/SQ-01

S. No.	Parameters	Units	Results	Test Method
1.	Texture	-	Sandy Loam	GRC-LAB/STP-SOIL/22; 2018
2.	Particle Size Distribution	-		IS 2720 (Part-4): 1985, RA 2020
	Sand	%	64.3	
	Silt	%	17.8	
	Clay	%	17.9	
3.	pH (1:2 Suspension)	-	7.83	IS 2720 (Part-26): 1987, RA 2021
4.	Electrical Conductivity (1:2 Suspension)	µS/cm	431	IS 14767: 2000, RA 2021
5.	Moisture Content	%	5.9	IS 2720 (Part-2): 1973, RA 2020
6.	Cation Exchange Capacity (CEC)	meq/100gm	13.4	IS 2720 (Part-24): 1976, RA 2020
7.	Available Potassium (as K)	mg/kg	73	GRC-LAB/STP-SOIL/07; 2018
8.	Exchangeable Sodium (as Na)	mg/kg	112	GRC-LAB/STP-SOIL/06; 2018
9.	Exchangeable Calcium (as Ca)	mg/kg	1993	GRC-LAB/STP-SOIL/08; 2018
10.	Exchangeable Magnesium (as Mg)	mg/kg	326	GRC-LAB/STP-SOIL/08; 2018

Reviewed By

Narendra Singh
(Sr. Chemist)
Authorized Signatory
(Seal & Signature)

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Test Report

Report Code: S20250520-016 **Issue Date: 20.05.2025**

11.	Sodium Absorption Ratio (SAR)	meq/kg	0.61	GRC-LAB/STP-SOIL/19; 2018
12.	Organic Matter	%	0.63	IS 2720 (Part-22): 1972, RA 2020
13.	Total Nitrogen (as N)	mg/kg	40	IS 14684: 1999, RA 2019
14.	Total Phosphate (as PO_4)	mg/kg	5.9	USEPA Method 365.3: 1978
15.	Iron (as Fe)	mg/kg	3.5	USEPA Method 3051-A (Rev.-01): 2007
16.	Zinc (as Zn)	mg/kg	1.3	USEPA Method 3051-A (Rev.-01): 2007
17.	Copper (as Cu)	mg/kg	1.4	USEPA Method 3051-A (Rev.-01): 2007
18.	Boron (as B)	mg/kg	2.3	USEPA Method 3051-A (Rev.-01): 2007
19.	Manganese (as Mn)	mg/kg	12.7	USEPA Method 3051-A (Rev.-01): 2007
20.	Water Holding Capacity	%	25.8	GRC-LAB/STP-SOIL/13; 2020
21.	Permeability at 27^0C	cm/sec	2.4	IS 2720 (Part-17): 1986, RA 2021
22.	Porosity	%	40.7	GRC-LAB/STP-SOIL/20; 2020
23.	Bulk Density	gm/cm^3	1.34	GRC-LAB/STP-SOIL/12; 2018

****End of Report****

Reviewed By

GRC INDIA TRAINING & ANALYTICAL LABORATORY NOIDA

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GEOTECHNICAL INVESTIGATION REPORT FOR PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

SUBMITTED TO

SILVER GLADES GROUP

REPORT NO. 17006, ON DATED 04.08.2023

SUBMITTED BY

UV GLOBAL GEO SOLUTIONS PVT. LTD.

GEOTECHNICAL CONSULTANTS & LAND SURVEYORS

49, SECOND FLOOR, BHARAT NAGAR, ASHOK VIHAR, NEW DELHI-110052.

PHONES : 9599793535,9650058565

E-mail : uvglobaldelhi@gmail.com

TABLE OF CONTENTS

1.0 INTRODUCTION

1.1 PROJECT DESCRIPTION

This Soil investigation work, whose results are being presented herewith, has been carried out for proposed 'Silverglades Housing Project' at Sector-63A, Gurugram, Haryana. The proposed building may consist of G+36 storied with single basement.

1.2 PURPOSE OF INVESTIGATION

The purpose of this study is to investigate the Stratigraphy at the Site and to develop geotechnical recommendations for foundation design and Construction. To achieve these purposes, the following study was conducted at the Site.

(a) Drilling 15 boreholes (BH-1 to BH-15) to 45.0 m depth and 3 boreholes (BH-16 to BH-18) to 15.0 m depth or Refusal (N>75) whichever met earlier, through Soil and to collect disturbed and undisturbed Soil samples.

(b) Conducting 2 Nos. of Plate Load Tests (PLt-1 & PLT-2) to evaluate the Modulus of sub grade reaction (k).

(b) Laboratory testing for selected Soil samples to determine different properties of the Soil.

(c) Analyzing all field and laboratory data in order to develop engineering recommendations for foundation design and construction.

(d) Preparation and Submission of technical report.

2.0 FIELD INVESTIGATIONS CONDUCTED

Locations of Boreholes have been marked at the Site as per the approved drawing provided by the client to us. These locations have been marked as BH-1 to BH-18 and PLT-1 & PLT-2 in this report.

2.1 BOREHOLES PROCEDURE

The boreholes were progressed to the Specified depth of 15.0-45.0 m. The work was done in accordance with IS: 1892-1979.

Standard Penetration Tests (SPT) were conducted in the borehole at 1.5-3.0 m interval by connecting a split spoon sampler to 'A' rods and driving it by 45 cm using a 63.5 kg hammer falling freely from a height of 75 cm. The tests were done in accordance with IS: 2131-1981.

The number of blows for each 15 cm of penetration was recorded. The blows required to penetrate the initial 15 cm of the split spoon for seating the sampler is ignored due to the possible presence of loose materials or cuttings from the drilling operation. The cumulative number of blows required to penetrate the balance 30 cm of the 45 cm sampling interval is termed the SPT value or the 'N' value.

Disturbed samples were collected from the split spoon after conducting SPT. The samples were preserved in transparent polythene bags. Undisturbed samples were collected by attaching a 100 mm diameter thin walled 'Shelby' tubes and driving the sampler lightly using a 63.5 kg hammer in accordance with IS:2132.

2.2 GROUND WATER

Groundwater level in the boreholes was recorded after 24 hours after drilling was completed. It is mentioned in the borehole logs attached with the report.

3.0 LABORATORY TESTS

The following table presents the various tests conducted on Soil Samples in the laboratory:

Laboratory Test	IS : Code Referred
Existing Moisture Content	IS : 2720 (Part-2)-1973
Grain Size Analysis	IS : 2720 (Part-4)-1985
Liquid & Plastic limit	IS : 2720 (Part-5)-1985
Unconsolidated Undrained Tri-axial shear test	IS : 2720 (Part-11)-1993
Direct Shear Test	IS : 2720 (Part-13)-1986
Specific Gravity Test	IS : 2720 (Part-3)-1980

All test Results are being presented at Table no 1 to 18 of soil profiles & Fig. No. 19 to 164 attached in the report.

4.0 SITE CONDITIONS

4.1 SITE STRATIGRAPHY

The Soils met at the Site are brown Sandy Silt (CL) and Silty Sand (SM) in alternative layers to the final explored depth of 45.0 m.

The SPT values at Site range from 10 to 32 to about 6.0 m depth and from 20 to 55 to about 15.0 m depth. Below this, SPT Values range from 43 to 88 to the final explored depth of 45.0 m.

4.2 GROUND WATER TABLE

Groundwater was encountered to about 30.0-31.5 m depth below ground surface during our field investigation (July, 2023). Fluctuations may occur in measured water table due to variation in rainfall and surface evaporation rates.

5.0 LIQUEFACTION ANALYSIS

As per IS 1893-2002, liquefaction is likely in Sand strata below water table for SPT values less than 15. At this Site, Groundwater was encountered at 30.0-31.5 m depth. The Soils classify primarily as light brown Sandy Silt (CL) / Silty Sand (SM).

The SPT values at Site range from 10 to 32 to about 6.0 m depth and from 20 to 55 to about 15.0 m depth. Below this, SPT Values range from 43 to 88 to the final explored depth of 45.0 m.

On review of all Soil parameters like, SPT values, Soil gradation, Depth to water table etc., we are of the opinion that the liquefaction is not likely to take place at this Site.

6.0 FOUNDATION TYPE & DEPTH

Reviewing the site Stratigraphy, SPT ‘N’ values and laboratory test results, we recommend that Isolated open spread foundation at or below 2.0 m depth below the existing ground level may be provided at the site to support the loads of the proposed building.

Alternatively, Raft foundations may also be provided at the site for proposed building for single basement.

We recommend a foundation embedment depth of 3.5 m below existing ground level. Recommendations for Open & Raft foundations are provided in section 9.1 & 9.2 of this report.

7.0 CONCEPT OF ANALYSIS FOR OPEN/RAFT FOUNDATION

Bearing capacity analysis for Open Spread foundations / Raft foundation have been done in general accordance with IS: 6403-1981. For the Soil conditions encountered at this Site, average of local and general Shear failure conditions has been used for analysis. Settlement analysis has been performed based on the SPT values as per chart given in IS: 8009 (Part-I)-1976. As per IS 1904-1986, the tolerable total Settlement is taken as 50 mm for Isolated Open Spread foundation & 75 mm for Raft foundation.

Appropriate values have been substituted into the bearing capacity equation given in IS-6403 to compute the Safe net bearing capacity. The values have been checked to determine the Settlement of the foundation under the safe bearing pressure. The allowable bearing pressure has been taken as the lower of the two values computed from the bearing capacity shear failure criterion as well as that computed from the tolerable Settlement criterion. The same has been recommended for the design.

8.0 INTERPRETATION OF PLATE LOAD TESTS RESULTS

Two plate load tests (PLT-1 & PLT-2) were conducted at 3.0 m depth below existing ground level on 75 cm x 75 cm size plate. The modulus of sub grade reaction evaluated from these results are as follows: (Please Ref. Fig. No. 161 & 162).

PLT NO.	Test Depth, m	Modulus of Sub grade reaction, Kg/cm^3
PLT-1	3.0	1.59
PLT-2	3.0	1.63

9.0 RECOMMENDATIONS

9.1 OPEN FOUNDATION

Reviewing the site Stratigraphy, the following table presents our recommended values of net and gross allowable bearing pressure for Isolated Open Spread foundation bearing at or below 2.0 m depth below the existing ground level for 2-5 m wide foundations.

Foundation Depth below existing ground level, m	Recommended Net Allowable Bearing Pressure, T/m^2	Recommended Gross Allowable Bearing Pressure, T/m^2
2.0	14.2	15.8
3.0	17.5	19.9
3.5	19.5	22.3
4.5	22.1	25.7

The above values include a safety factor of 2.5. Total settlement of foundation designed for the above net bearing pressure is expected to be about 50 mm. Net bearing pressure for foundations at intermediate depths may be interpolated linearly between the values given above.

9.2 RAFT FOUNDATION

Reviewing the site Stratigraphy, the following table presents our recommended values of Net and gross allowable bearing pressures for Raft foundation (width ≥6 m) bearing at or below 3.5 m depth below the existing ground level for 75 mm settlement.

Foundation Depth below NGL, m	Recommended Net Allowable Bearing Pressure, T/m²	Recommended Gross Allowable Bearing Pressure, T/m²	Modulus of Sub grade reaction(*), Kg/cm^3
3.5	23.6	29.2	1.5
4.5	27.4	34.6	1.6

The above values include a safety factor of 2.5. Total settlement of foundation designed for the above net bearing pressure is expected to be about 75 mm. Net bearing pressure for foundation at intermediate depths may be interpolated linearly between the values given above.

10.0 CHEMICAL ATTACK

Results of chemical test on selected soil and water samples are presented on Plate 160. The results indicate that the soil contains about 0.09-0.12 percent sulphates and about 0.02-0.05 percent chlorides. The pH value of soil is about 7.1-7.4. Groundwater contains about 280-340 mg/l sulphates and 128-150 mg/l chlorides. The pH value of groundwater is about 7.6-7.8..

IS: 456-2000 recommends that precautions should be taken against chemical degradation of concrete if

- the sulphates content of the soils exceeds 0.2 percent or
- the groundwater contains more than 300 mg per litre of sulphates (SO_3).

Comparing the test results with the specified limits in IS 456-2000, the sulphate content of the soil is within the specified limit, whereas, the sulphate content of ground water is marginally higher than the specified limits. Groundwater was encountered to about 30.0-31.5 m depth. Therefore, the strata at the site may be treated in ***Class-II*** category as described on IS: 456-2000.

We recommend the following as a good practice to limit any potential for chemical attack:

(1) Foundation concrete should contain minimum cement content of 330 kg/m^3 of cement.

(2) Water cement ratio in foundation concrete should not exceed 0.55.

(3) A clear concrete cover over the reinforcement steel of at least 50 mm should be provided for all foundations.

(4) Foundation concrete should be densified adequately using a vibrator so as to form a dense impervious mass.

11.0 CLOSURE

We are thankful to client to provide the opportunity to perform this investigation by us. We have pleasure in submitting this report. Please contact us when we can be of further service to you.

For UV GLOBAL GEO SOLUTIONS PVT. LTD.

(PUSHPENDRA KUMAR)
DIRECTOR

GLOBAL

SOIL PROFILE

Project : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

BH.No. 1

Water Table : 30.00

Termination Depth (m) 45.0 m

TABLE NO.1

Sample type	Depth (m)	N-Value	SOIL DESCRIPTION	Grain Size Analysis				Atterberg Limits			Specific Gravity	Natural Density gms/cm^3	Dry Density gms/cm^3	Moisture Content %	Shear Test		
				Gravel %	Sand %	Silt %	Clay %	Liquid %	Plastic %	Plasticity Index %					Confining Pressure Kg/cm^2	Cohesion Intercept Kg/cm^2	Angle of Internal Friction
DS1	0.00 0.50		Medium dense to Dense light brown Silty Sand (SM)														
SPT1	1.50 1.95	10	Medium dense, 0.0m to 9.0m	2	70	25	3	N.P.	N.P.		2.64						
			N.P. : Non Plastic														
UDS1	2.25 2.55											1.71	1.50	14.2	0.5,1.0 1.50	0.00	28^o
			DST:Direct Shear Test														
SPT2	3.00 3.45	14															
SPT3	4.50 4.95	17															
UDS2	5.25 5.55																
SPT4	6.00 6.45	21		0	72	26	2	N.P.	N.P.		2.63						
			N.P. : Non Plastic														
SPT5	7.50 7.95	29															
UDS3	8.25 8.55											1.85	1.59	16.3	0.5,1.0 1.50	0.00	32^o
			DST:Direct Shear Test														
SPT6	9.00 9.45	34	Dense, 9.0m to 11.0m														
SPT7	10.50 10.95	36															

GLOBAL

SOIL PROFILE

Project : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

BH.No. 1

Water Table : 30.00

Termination Depth (m) 45.0 m

TABLE NO.1a

Sample type	Depth (m)	N-Value	SOIL DESCRIPTION	Grain Size Analysis: Gravel %	Sand %	Silt %	Clay %	Atterberg Limits: Liquid %	Plastic %	Plasticity Index %	Specific Gravity	Natural Density gms/cm^3	Dry Density gms/cm^3	Moisture Content %	Shear Test: Confining Pressure Kg/cm^2	Cohesion Intercept Kg/cm^2	Angle of Internal Friction
UDS4	11.25 11.55		Dense light brown Silty Sand (SM)														
SPT8	12.00 12.45	40	Dense, 11.0m to 18.0m	0	68	28	4	N.P.	N.P.		2.65						
								N.P. : Non Plastic									
SPT9	13.50 13.95	43															
UDS5	14.25 14.55											1.90	1.61	18.2	0.5,1.0 1.50	0.00	34^o
															DST:Direct Shear Test		
SPT10	15.00 15.45	46															
UDS6	17.25 17.55																
SPT11	18.00 18.45	51															
			(20.0m)														
UDS7	20.25 20.55		Hard light brown Sandy Silt, low plastic (CL)									2.15	1.78	20.8	1,2,3 UUT	1.80	11^o
															UUT: Unconsolidated Undrained Triaxial Shear Test		
SPT12	21.00 21.45	61															
UDS8	23.25 23.55			2	30	55	13	32.5	23.5	9.0	2.68						
SPT13	24.00 24.45	70															
			(26.0m)														
UDS9	26.25 26.55		Very dense light brown Silty Sand (SM)														

GLOBAL

SOIL PROFILE

Project : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

BH.No. 1

Water Table : 30.00

Termination Depth (m) 45.0 m

TABLE NO.1b

Sample type	Depth (m)	N-Value	SOIL DESCRIPTION	Grain Size Analysis				Atterberg Limits			Specific Gravity	Natural Density gms/cm^3	Dry Density gms/cm^3	Moisture Content %	Shear Test		
				Gravel %	Sand %	Silt %	Clay %	Liquid %	Plastic %	Plasticity Index %					Confining Pressure Kg/cm^2	Cohesion Intercept Kg/cm^2	Angle of Internal Friction
SPT14	27.00 27.45	65	Very dense light brown Silty Sand (SM)														
UDS10	29.25 29.55			2	70	26	2	N.P.	N.P.		2.63		1.68		0.5,1.0 1.50	0.00	35^o
				N.P. : Non Plastic									(Remoulded DST:Direct Shear Test)				
SPT15	30.00 30.45	75															
UDS11	32.25 32.55																
SPT16	33.00 33.45	60															
UDS12	35.25 35.55			3	73	20	4	N.P.	N.P.		2.65						
				N.P. : Non Plastic													
SPT17	36.00 36.45	67															
UDS13	38.25 38.55																
SPT18	39.00 39.45	75															
UDS14	41.25 41.55												1.70		0.5,1.0 1.50	0.00	36^o
													(Remoulded DST:Direct Shear Test)				
SPT19	42.00 42.45	69		3	65	29	3	N.P.	N.P.		2.64						
				N.P. : Non Plastic													
UDS15	44.25 44.55																
SPT20	45.00 45.45	77	(45.0m)														

GLOBAL

SOIL PROFILE

Project : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

BH.No. 2

Water Table : 30.50

Termination Depth (m) 45.0 m

TABLE NO.2

Sample type	Depth (m)	N-Value	SOIL DESCRIPTION	Grain Size Analysis				Atterberg Limits			Specific Gravity	Natural Density gms/cm^3	Dry Density gms/cm^3	Moisture Content %	Shear Test		
				Gravel %	Sand %	Silt %	Clay %	Liquid %	Plastic %	Plasticity Index %					Confining Pressure Kg/cm^2	Cohesion Intercept Kg/cm^2	Angle of Internal Friction
DS1	0.00 0.50		Medium dense to Dense light brown Silty Sand (SM)														
SPT1	1.50 1.95	11	Medium dense, 0.0m to 9.0m	0	68	30	2	N.P.	N.P.		2.63						
								N.P. : Non Plastic									
UDS1	2.25 2.55											1.74	1.51	15.2	0.5,1.0 1.50	0.00	29^o
															DST:Direct Shear Test		
SPT2	3.00 3.45	15															
SPT3	4.50 4.95	19															
UDS2	5.25 5.55																
SPT4	6.00 6.45	22		3	76	18	3	N.P.	N.P.		2.64						
								N.P. : Non Plastic									
SPT5	7.50 7.95	25															
UDS3	8.25 8.55											1.86	1.58	17.4	0.5,1.0 1.50	0.00	31^o
															DST:Direct Shear Test		
SPT6	9.00 9.45	30	Dense, 9.0m to 11.0m														
SPT7	10.50 10.95	33															

GLOBAL

SOIL PROFILE

Project : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

BH.No. 2

Water Table : 30.50

Termination Depth (m) 45.0 m

TABLE NO.2a

Sample type	Depth (m)	N-Value	SOIL DESCRIPTION	Grain Size Analysis: Gravel %	Sand %	Silt %	Clay %	Atterberg Limits: Liquid %	Plastic %	Plasticity Index %	Specific Gravity	Natural Density gms/cm^3	Dry Density gms/cm^3	Moisture Content %	Shear Test: Confining Pressure Kg/cm^2	Cohesion Intercept Kg/cm^2	Angle of Internal Friction
UDS4	11.25 11.55		Dense light brown Silty Sand (SM)														
SPT8	12.00 12.45	38	Dense, 11.0m to 18.0m	1	72	24	3	N.P.	N.P.		2.64						
								N.P. : Non Plastic									
SPT9	13.50 13.95	45															
UDS5	14.25 14.55											1.96	1.64	19.3	0.5,1.0 1.50	0.00	33^o
															DST:Direct Shear Test		
SPT10	15.00 15.45	50															
UDS6	17.25 17.55																
SPT11	18.00 18.45	43															
			(20.0m)														
UDS7	20.25 20.55		Hard light brown Sandy Silt, low plastic (CL)									2.09	1.72	21.4	1,2,3 UUT	1.60	10^o
															UUT: Unconsolidated Undrained Triaxial Shear Test		
SPT12	21.00 21.45	55															
UDS8	23.25 23.55			0	33	56	11	30.5	22.6	7.9	2.67						
SPT13	24.00 24.45	62															
			(25.0m)														
			Very dense light brown Silty Sand (SM)														
UDS9	26.25 26.55																

GLOBAL

SOIL PROFILE

Project : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

BH.No. 2

Water Table : 30.50

Termination Depth (m) 45.0 m

TABLE NO.2b

Sample type	Depth (m)	N-Value	SOIL DESCRIPTION	Grain Size Analysis				Atterberg Limits			Specific Gravity	Natural Density gms/cm^3	Dry Density gms/cm^3	Moisture Content %	Shear Test		
				Gravel %	Sand %	Silt %	Clay %	Liquid %	Plastic %	Plasticity Index %					Confining Pressure Kg/cm^2	Cohesion Intercept Kg/cm^2	Angle of Internal Friction
SPT14	27.00 27.45	58	Very dense light brown Silty Sand (SM)														
UDS10	29.25 29.55												1.68		0.5,1.0 1.50	0.00	34^o
													(Remoulded DST:Direct Shear Test)				
SPT15	30.00 30.45	68		0	74	22	4	N.P.	N.P.		2.65						
								N.P. : Non Plastic									
UDS11	32.25 32.55																
SPT16	33.00 33.45	73															
UDS12	35.25 35.55																
SPT17	36.00 36.45	65															
UDS13	38.25 38.55			3	65	30	2	N.P.	N.P.		2.63						
								N.P. : Non Plastic									
SPT18	39.00 39.45	70															
UDS14	41.25 41.55												1.71		0.5,1.0 1.50	0.00	35^o
													(Remoulded DST:Direct Shear Test)				
SPT19	42.00 42.45	76		0	75	22	3	N.P.	N.P.		2.64						
								N.P. : Non Plastic									
UDS15	44.25 44.55																
SPT20	45.00 45.45	80	(45.0m)														

GLOBAL

SOIL PROFILE

Project : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

BH.No. 3

Water Table : 31.30

Termination Depth (m) 45.0 m

TABLE NO.3

Sample type	Depth (m)	N-Value	SOIL DESCRIPTION	Grain Size Analysis				Atterberg Limits			Specific Gravity	Natural Density gms/cm^3	Dry Density gms/cm^3	Moisture Content %	Shear Test		
				Gravel %	Sand %	Silt %	Clay %	Liquid %	Plastic %	Plasticity Index %					Confining Pressure Kg/cm^2	Cohesion Intercept Kg/cm^2	Angle of Internal Friction
DS1	0.00 0.50		Medium dense to Dense light brown Silty Sand (SM)														
SPT1	1.50 1.95	13	Medium dense, 0.0m to 9.0m	2	70	24	4	N.P.	N.P.		2.65						
			N.P. : Non Plastic														
UDS1	2.25 2.55											1.75	1.53	14.2	0.5,1.0 1.50	0.00	29^o
			DST:Direct Shear Test														
SPT2	3.00 3.45	17															
SPT3	4.50 4.95	23															
UDS2	5.25 5.55																
SPT4	6.00 6.45	28		0	72	25	3	N.P.	N.P.		2.63						
			N.P. : Non Plastic														
SPT5	7.50 7.95	31															
UDS3	8.25 8.55											1.86	1.60	16.4	0.5,1.0 1.50	0.00	32^o
			DST:Direct Shear Test														
SPT6	9.00 9.45	35	Dense, 9.0m to 11.0m														
SPT7	10.50 10.95	39															

GLOBAL

SOIL PROFILE

Project : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

BH.No. 3

Water Table : 31.30

Termination Depth (m) 45.0 m

TABLE NO.3a

Sample type	Depth (m)	N-Value	SOIL DESCRIPTION	Grain Size Analysis: Gravel %	Sand %	Silt %	Clay %	Atterberg Limits: Liquid %	Plastic %	Plasticity Index %	Specific Gravity	Natural Density gms/cm^3	Dry Density gms/cm^3	Moisture Content %	Shear Test: Confining Pressure Kg/cm^2	Cohesion Intercept Kg/cm^2	Angle of Internal Friction
UDS4	11.25 11.55		Dense light brown Silty Sand (SM)														
SPT8	12.00 12.45	44		3	68	27	2	N.P.	N.P.		2.63						
			N.P. : Non Plastic														
SPT9	13.50 13.95	49															
UDS5	14.25 14.55											1.96	1.67	17.2	0.5,1.0 1.50	0.00	34^o
															DST:Direct Shear Test		
SPT10	15.00 15.45	55															
UDS6	17.25 17.55																
			(18.0m)														
SPT11	18.00 18.45	45	Hard light brown Sandy Silt, low plastic (CL)														
UDS7	20.25 20.55											2.10	1.74	20.4	1,2,3 UUT	2.00	9^o
															UUT: Unconsolidated Undrained Triaxial Shear Test		
SPT12	21.00 21.45	52															
UDS8	23.25 23.55			2	28	60	10	29.6	21.6	8.0	2.62						
SPT13	24.00 24.45	59															
			(25.5m)														
			Very dense light brown Silty Sand (SM)														
UDS9	26.25 26.55																

GLOBAL

SOIL PROFILE

Project : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

BH.No. 3 | Water Table : 31.30 | Termination Depth (m) 45.0 m | TABLE NO.3b

Sample type	Depth (m)	N-Value	SOIL DESCRIPTION	Grain Size Analysis				Atterberg Limits			Specific Gravity	Natural Density gms/cm^3	Dry Density gms/cm^3	Moisture Content %	Shear Test		
				Gravel %	Sand %	Silt %	Clay %	Liquid %	Plastic %	Plasticity Index %					Confining Pressure Kg/cm^2	Cohesion Intercept Kg/cm^2	Angle of Internal Friction
SPT14	27.00 27.45	63	Very dense light brown Silty Sand (SM)														
UDS10	29.25 29.55												1.67		0.5,1.0 1.50	0.00	35^o
													(Remoulded DST:Direct Shear Test)				
SPT15	30.00 30.45	70		3	69	27	1	N.P.	N.P.		2.62						
								N.P. : Non Plastic									
UDS11	32.25 32.55																
SPT16	33.00 33.45	66															
UDS12	35.25 35.55																
SPT17	36.00 36.45	72															
UDS13	38.25 38.55			0	74	22	4	N.P.	N.P.		2.65						
								N.P. : Non Plastic									
SPT18	39.00 39.45	69															
UDS14	41.25 41.55												1.72		0.5,1.0 1.50	0.00	35^o
													(Remoulded DST:Direct Shear Test)				
SPT19	42.00 42.45	75		1	75	21	3	N.P.	N.P.		2.64						
								N.P. : Non Plastic									
UDS15	44.25 44.55																
SPT20	45.00 45.45	82	(45.0m)														

GLOBAL

SOIL PROFILE

Project : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

BH.No. 4

Water Table : 31.00

Termination Depth (m) 45.0 m

TABLE NO.4

Sample type	Depth (m)	N-Value	SOIL DESCRIPTION	Grain Size Analysis				Atterberg Limits			Specific Gravity	Natural Density gms/cm^3	Dry Density gms/cm^3	Moisture Content %	Shear Test		
				Gravel %	Sand %	Silt %	Clay %	Liquid %	Plastic %	Plasticity Index %					Confining Pressure Kg/cm^2	Cohesion Intercept Kg/cm^2	Angle of Internal Friction
DS1	0.00 0.50		Medium dense to Dense light brown Silty Sand (SM)														
SPT1	1.50 1.95	12	Medium dense, 0.0m to 9.0m														
UDS1	2.25 2.55			0	67	30	3	N.P.	N.P.		2.64	1.75	1.52	15.2	0.5,1.0 1.50	0.00	29^o
				N.P. : Non Plastic											DST:Direct Shear Test		
SPT2	3.00 3.45	14															
SPT3	4.50 4.95	19															
UDS2	5.25 5.55																
SPT4	6.00 6.45	25															
SPT5	7.50 7.95	29															
UDS3	8.25 8.55											1.89	1.59	18.7	0.5,1.0 1.50	0.00	31^o
															DST:Direct Shear Test		
SPT6	9.00 9.45	31	Dense, 9.0m to 11.0m	2	70	24	4	N.P.	N.P.		2.65						
				N.P. : Non Plastic													
SPT7	10.50 10.95	35															

GLOBAL

SOIL PROFILE

Project : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

BH.No. 4

Water Table : 31.00

Termination Depth (m) 45.0 m

TABLE NO.4a

Sample type	Depth (m)	N-Value	SOIL DESCRIPTION	Grain Size Analysis: Gravel %	Sand %	Silt %	Clay %	Atterberg Limits: Liquid %	Plastic %	Plasticity Index %	Specific Gravity	Natural Density gms/cm^3	Dry Density gms/cm^3	Moisture Content %	Shear Test: Confining Pressure Kg/cm^2	Cohesion Intercept Kg/cm^2	Angle of Internal Friction
UDS4	11.25 11.55		Dense light brown Silty Sand (SM)														
SPT8	12.00 12.45	41															
SPT9	13.50 13.95	47		4	72	22	2	N.P.	N.P.		2.63						
				N.P. : Non Plastic													
UDS5	14.25 14.55																
SPT10	15.00 15.45	49															
UDS6	17.25 17.55											1.97	1.65	19.4	0.5,1.0 1.50	0.00	33^o
												DST:Direct Shear Test					
SPT11	18.00 18.45	53															
			(19.5m)														
UDS7	20.25 20.55		Hard light brown Sandy Silt, low plastic (CL)														
SPT12	21.00 21.45	60															
UDS8	23.25 23.55			0	31	57	12	31.5	22.5	9.0	2.67	2.07	1.75	18.2	1,2,3 UUT	2.00	9^o
												UUT: Unconsolidated Undrained Triaxial Shear Test					
SPT13	24.00 24.45	65															
UDS9	26.25 26.55																
			(27.0m)														

GLOBAL

SOIL PROFILE

Project : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

BH.No. 4 | Water Table : 31.00 | Termination Depth (m) 45.0 m | TABLE NO.4b

Sample type	Depth (m)	N-Value	SOIL DESCRIPTION	Grain Size Analysis				Atterberg Limits			Specific Gravity	Natural Density gms/cm^3	Dry Density gms/cm^3	Moisture Content %	Shear Test		
				Gravel %	Sand %	Silt %	Clay %	Liquid %	Plastic %	Plasticity Index %					Confining Pressure Kg/cm^2	Cohesion Intercept Kg/cm^2	Angle of Internal Friction
SPT14	27.00 27.45	55	Very dense light brown Silty Sand (SM)														
UDS10	29.25 29.55			0	68	29	3	N.P.	N.P.		2.64		1.69		0.5,1.0 1.50	0.00	34^o
				N.P. : Non Plastic									(Remoulded DST:Direct Shear Test)				
SPT15	30.00 30.45	62															
UDS11	32.25 32.55																
SPT16	33.00 33.45	70															
UDS12	35.25 35.55																
SPT17	36.00 36.45	69															
UDS13	38.25 38.55			3	75	20	2	N.P.	N.P.		2.63		1.74		0.5,1.0 1.50	0.00	35^o
				N.P. : Non Plastic									(Remoulded DST:Direct Shear Test)				
SPT18	39.00 39.45	73															
UDS14	41.25 41.55																
SPT19	42.00 42.45	79															
UDS15	44.25 44.55			2	71	23	4	N.P.	N.P.		2.65						
				N.P. : Non Plastic													
SPT20	45.00 45.45	85	(45.0m)														

GLOBAL

SOIL PROFILE

Project : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

BH.No. 5

Water Table : 30.80

Termination Depth (m) 45.0 m

TABLE NO.5

Sample type	Depth (m)	N-Value	SOIL DESCRIPTION	Grain Size Analysis				Atterberg Limits			Specific Gravity	Natural Density gms/cm^3	Dry Density gms/cm^3	Moisture Content %	Shear Test		
				Gravel %	Sand %	Silt %	Clay %	Liquid %	Plastic %	Plasticity Index %					Confining Pressure Kg/cm^2	Cohesion Intercept Kg/cm^2	Angle of Internal Friction
DS1	0.00 0.50		Medium dense light brown Silty Sand (SM)														
SPT1	1.50 1.95	10															
UDS1	2.25 2.55			2	74	22	2	N.P.	N.P.		2.63	1.72	1.50	15.0	0.5,1.0 1.50	0.00	28^o
				N.P. : Non Plastic											DST:Direct Shear Test		
SPT2	3.00 3.45	12															
SPT3	4.50 4.95	15															
UDS2	5.25 5.55																
SPT4	6.00 6.45	19															
SPT5	7.50 7.95	20															
UDS3	8.25 8.55											1.81	1.55	16.7	0.5,1.0 1.50	0.00	30^o
															DST:Direct Shear Test		
SPT6	9.00 9.45	24		3	67	25	5	N.P.	N.P.		2.65						
				N.P. : Non Plastic													
SPT7	10.50 10.95	28															

GLOBAL

SOIL PROFILE

Project : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

BH.No. 5

Water Table : 30.80

Termination Depth (m) 45.0 m

TABLE NO.5a

Sample type	Depth (m)	N-Value	SOIL DESCRIPTION	Grain Size Analysis: Gravel %	Sand %	Silt %	Clay %	Atterberg Limits: Liquid %	Plastic %	Plasticity Index %	Specific Gravity	Natural Density gms/cm^3	Dry Density gms/cm^3	Moisture Content %	Shear Test: Confining Pressure Kg/cm^2	Cohesion Intercept Kg/cm^2	Angle of Internal Friction
UDS4	11.25 11.55		Dense light brown Silty Sand (SM)									1.94	1.64	18.2	0.5,1.0 1.50	0.00	32^o
															DST:Direct Shear Test		
SPT8	12.00 12.45	33															
SPT9	13.50 13.95	39		0	75	21	4	N.P.	N.P.		2.65						
								N.P. : Non Plastic									
UDS5	14.25 14.55																
SPT10	15.00 15.45	43															
UDS6	17.25 17.55																
SPT11	18.00 18.45	47															
			(19.0m)														
UDS7	20.25 20.55		Hard light brown Sandy Silt, low plastic (CL)														
SPT12	21.00 21.45	50															
UDS8	23.25 23.55			3	28	55	14	34.2	23.4	10.8	2.68	2.12	1.78	19.2	1,2,3 UUT	1.80	8^o
			(24.0m)												UUT: Unconsolidated Undrained Triaxial Shear Test		
SPT13	24.00 24.45	56	Very dense light brown Silty Sand (SM)														
UDS9	26.25 26.55																

GLOBAL

SOIL PROFILE

Project : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

BH.No. 5 | Water Table : 30.80 | Termination Depth (m) 45.0 m | TABLE NO.5b

Sample type	Depth (m)	N-Value	SOIL DESCRIPTION	Grain Size Analysis				Atterberg Limits			Specific Gravity	Natural Density gms/cm^3	Dry Density gms/cm^3	Moisture Content %	Shear Test		
				Gravel %	Sand %	Silt %	Clay %	Liquid %	Plastic %	Plasticity Index %					Confining Pressure Kg/cm^2	Cohesion Intercept Kg/cm^2	Angle of Internal Friction
SPT14	27.00 27.45	61	Very dense light brown Silty Sand (SM)														
UDS10	29.25 29.55			2	69	26	3	N.P.	N.P.		2.64		1.68		0.5,1.0 1.50	0.00	34^o
				N.P. : Non Plastic									(Remoulded DST:Direct Shear Test)				
SPT15	30.00 30.45	66															
UDS11	32.25 32.55																
SPT16	33.00 33.45	72															
UDS12	35.25 35.55																
SPT17	36.00 36.45	75															
UDS13	38.25 38.55			1	71	27	1	N.P.	N.P.		2.63		1.71		0.5,1.0 1.50	0.00	34^o
				N.P. : Non Plastic									(Remoulded DST:Direct Shear Test)				
SPT18	39.00 39.45	69															
UDS14	41.25 41.55																
SPT19	42.00 42.45	77															
UDS15	44.25 44.55			2	75	21	2	N.P.	N.P.		2.63						
				N.P. : Non Plastic													
SPT20	45.00 45.45	81	(45.0m)														

GLOBAL

SOIL PROFILE

Project : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

BH.No. 6

Water Table : 31.30

Termination Depth (m) 45.0 m

TABLE NO.6

Sample type	Depth (m)	N-Value	SOIL DESCRIPTION	Grain Size Analysis				Atterberg Limits			Specific Gravity	Natural Density gms/cm^3	Dry Density gms/cm^3	Moisture Content %	Shear Test		
				Gravel %	Sand %	Silt %	Clay %	Liquid %	Plastic %	Plasticity Index %					Confining Pressure Kg/cm^2	Cohesion Intercept Kg/cm^2	Angle of Internal Friction
DS1	0.00 0.50		Medium dense to Dense light brown Silty Sand (SM)														
SPT1	1.50 1.95	12	Medium dense, 0.0m to 7.5m														
UDS1	2.25 2.55			0	70	25	5	N.P.	N.P.		2.65	1.76	1.52	15.8	0.5,1.0 1.50	0.00	28^o
				N.P. : Non Plastic										DST:Direct Shear Test			
SPT2	3.00 3.45	17															
SPT3	4.50 4.95	20															
UDS2	5.25 5.55																
SPT4	6.00 6.45	25															
SPT5	7.50 7.95	30	Dense, 7.5m to 11.0m														
UDS3	8.25 8.55											1.87	1.60	17.1	0.5,1.0 1.50	0.00	29^o
														DST:Direct Shear Test			
SPT6	9.00 9.45	34		2	64	30	4	N.P.	N.P.		2.65						
				N.P. : Non Plastic													
SPT7	10.50 10.95	37															

GLOBAL

SOIL PROFILE

Project : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

BH.No. 6

Water Table : 31.30

Termination Depth (m) 45.0 m

TABLE NO.6a

Sample type	Depth (m)	N-Value	SOIL DESCRIPTION	Grain Size Analysis: Gravel %	Sand %	Silt %	Clay %	Atterberg Limits: Liquid %	Plastic %	Plasticity Index %	Specific Gravity	Natural Density gms/cm^3	Dry Density gms/cm^3	Moisture Content %	Shear Test: Confining Pressure Kg/cm^2	Cohesion Intercept Kg/cm^2	Angle of Internal Friction
UDS4	11.25 11.55		Dense to light brown Silty Sand (SM)									1.90	1.62	17.5	0.5,1.0 1.50	0.00	31^o
															DST:Direct Shear Test		
SPT8	12.00 12.45	42															
SPT9	13.50 13.95	46		3	66	29	2	N.P.	N.P.		2.63						
								N.P. : Non Plastic									
UDS5	14.25 14.55																
SPT10	15.00 15.45	50															
UDS6	17.25 17.55																
			(18.0m)														
SPT11	18.00 18.45	53	Hard light brown Sandy Silt, low plastic (CL)														
UDS7	20.25 20.55																
SPT12	21.00 21.45	58															
UDS8	23.25 23.55			0	30	59	11	30.7	22.4	8.3	2.67	1.99	1.71	16.2	1,2,3 UUT	1.90	9^o
															UUT: Unconsolidated Undrained Triaxial Shear Test		
SPT13	24.00 24.45	63															
			(25.5m)														
UDS9	26.25 26.55		Very dense light brown Silty Sand (SM)														

GLOBAL

SOIL PROFILE

Project : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

BH.No. 6

Water Table : 31.30

Termination Depth (m) 45.0 m

TABLE NO.6b

Sample type	Depth (m)	N-Value	SOIL DESCRIPTION	Grain Size Analysis				Atterberg Limits			Specific Gravity	Natural Density gms/cm^3	Dry Density gms/cm^3	Moisture Content %	Shear Test		
				Gravel %	Sand %	Silt %	Clay %	Liquid %	Plastic %	Plasticity Index %					Confining Pressure Kg/cm^2	Cohesion Intercept Kg/cm^2	Angle of Internal Friction
SPT14	27.00 27.45	68	Very dense light brown Silty Sand (SM)														
UDS10	29.25 29.55			1	69	28	2	N.P.	N.P.		2.63		1.70		0.5,1.0 1.50	0.00	33^o
				N.P. : Non Plastic									(Remoulded DST:Direct Shear Test)				
SPT15	30.00 30.45	72															
UDS11	32.25 32.55																
SPT16	33.00 33.45	65															
UDS12	35.25 35.55																
SPT17	36.00 36.45	70															
UDS13	38.25 38.55			2	76	19	3	N.P.	N.P.		2.64		1.72		0.5,1.0 1.50	0.00	34^o
				N.P. : Non Plastic									(Remoulded DST:Direct Shear Test)				
SPT18	39.00 39.45	74															
UDS14	41.25 41.55																
SPT19	42.00 42.45	80															
UDS15	44.25 44.55			2	75	21	2	N.P.	N.P.		2.63						
				N.P. : Non Plastic													
SPT20	45.00 45.45	83	(45.0m)														

GLOBAL

SOIL PROFILE

Project : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

BH.No. 7

Water Table : 30.00

Termination Depth (m) 45.0 m

TABLE NO.7

Sample type	Depth (m)	N-Value	SOIL DESCRIPTION	Grain Size Analysis				Atterberg Limits			Specific Gravity	Natural Density gms/cm^3	Dry Density gms/cm^3	Moisture Content %	Shear Test		
				Gravel %	Sand %	Silt %	Clay %	Liquid %	Plastic %	Plasticity Index %					Confining Pressure Kg/cm^2	Cohesion Intercept Kg/cm^2	Angle of Internal Friction
DS1	0.00 0.50		Medium dense to Dense light brown Silty Sand (SM)														
SPT1	1.50 1.95	13	Medium dense, 0.0m to 7.5m														
UDS1	2.25 2.55			1	66	30	3	N.P.	N.P.		2.64	1.75	1.53	14.2	0.5,1.0 1.50	0.00	29^o
				N.P. : Non Plastic											DST:Direct Shear Test		
SPT2	3.00 3.45	15															
SPT3	4.50 4.95	17															
UDS2	5.25 5.55																
SPT4	6.00 6.45	24															
SPT5	7.50 7.95	28	Dense, 7.5m to 11.0m														
UDS3	8.25 8.55											1.85	1.58	16.8	0.5,1.0 1.50	0.00	30^o
															DST:Direct Shear Test		
SPT6	9.00 9.45	31		3	70	26	1	N.P.	N.P.		2.63						
				N.P. : Non Plastic													
SPT7	10.50 10.95	35															

GLOBAL

SOIL PROFILE

Project : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

BH.No. 7

Water Table : 30.00

Termination Depth (m) 45.0 m

TABLE NO.7a

Sample type	Depth (m)	N-Value	SOIL DESCRIPTION	Grain Size Analysis: Gravel %	Sand %	Silt %	Clay %	Atterberg Limits: Liquid %	Plastic %	Plasticity Index %	Specific Gravity	Natural Density gms/cm^3	Dry Density gms/cm^3	Moisture Content %	Shear Test: Confining Pressure Kg/cm^2	Cohesion Intercept Kg/cm^2	Angle of Internal Friction
UDS4	11.25 11.55		Dense to light brown Silty Sand (SM)									1.91	1.61	18.5	0.5,1.0 1.50	0.00	33^o
															DST:Direct Shear Test		
SPT8	12.00 12.45	37															
SPT9	13.50 13.95	42		0	67	29	4	N.P.	N.P.		2.65						
								N.P. : Non Plastic									
UDS5	14.25 14.55																
SPT10	15.00 15.45	46															
UDS6	17.25 17.55																
			(18.0m)														
SPT11	18.00 18.45	50	Hard light brown Sandy Silt, low plastic (CL)														
UDS7	20.25 20.55																
SPT12	21.00 21.45	53															
UDS8	23.25 23.55			0	28	60	12	32.5	22.4	10.1	2.67	1.98	1.72	15.3	1,2,3 UUT	1.70	10^o
															UUT: Unconsolidated Undrained Triaxial Shear Test		
SPT13	24.00 24.45	59															
			(25.5m)														
UDS9	26.25 26.55		Very dense light brown Silty Sand (SM)														

GLOBAL

SOIL PROFILE

Project : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

BH.No. 7

Water Table : 30.00

Termination Depth (m) 45.0 m

TABLE NO.7b

Sample type	Depth (m)	N-Value	SOIL DESCRIPTION	Grain Size Analysis				Atterberg Limits			Specific Gravity	Natural Density gms/cm^3	Dry Density gms/cm^3	Moisture Content %	Shear Test		
				Gravel %	Sand %	Silt %	Clay %	Liquid %	Plastic %	Plasticity Index %					Confining Pressure Kg/cm^2	Cohesion Intercept Kg/cm^2	Angle of Internal Friction
SPT14	27.00 27.45	62	Very dense light brown Silty Sand (SM)														
UDS10	29.25 29.55			0	65	31	4	N.P.	N.P.		2.65		1.72		0.5,1.0 1.50	0.00	34^o
				N.P. : Non Plastic									(Remoulded DST:Direct Shear Test)				
SPT15	30.00 30.45	60															
UDS11	32.25 32.55																
SPT16	33.00 33.45	70															
UDS12	35.25 35.55																
SPT17	36.00 36.45	74		1	70	27	2	N.P.	N.P.		2.63						
				N.P. : Non Plastic													
UDS13	38.25 38.55												1.71		0.5,1.0 1.50	0.00	35^o
													(Remoulded DST:Direct Shear Test)				
SPT18	39.00 39.45	76															
UDS14	41.25 41.55																
SPT19	42.00 42.45	79		3	70	24	3	N.P.	N.P.		2.64						
				N.P. : Non Plastic													
UDS15	44.25 44.55																
SPT20	45.00 45.45	81	(45.0m)														

GLOBAL

SOIL PROFILE

Project : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

BH.No. 8

Water Table : 31.30

Termination Depth (m) 45.0 m

TABLE NO.8

Sample type	Depth (m)	N-Value	SOIL DESCRIPTION	Grain Size Analysis				Atterberg Limits			Specific Gravity	Natural Density gms/cm^3	Dry Density gms/cm^3	Moisture Content %	Shear Test		
				Gravel %	Sand %	Silt %	Clay %	Liquid %	Plastic %	Plasticity Index %					Confining Pressure Kg/cm^2	Cohesion Intercept Kg/cm^2	Angle of Internal Friction
DS1	0.00 0.50		Medium dense light brown Silty Sand (SM)														
SPT1	1.50 1.95	10															
UDS1	2.25 2.55			1	70	26	3	N.P.	N.P.		2.64	1.72	1.50	14.7	0.5,1.0 1.50	0.00	28^o
				N.P. : Non Plastic										DST:Direct Shear Test			
SPT2	3.00 3.45	12															
SPT3	4.50 4.95	15															
UDS2	5.25 5.55																
SPT4	6.00 6.45	19															
SPT5	7.50 7.95	22															
UDS3	8.25 8.55											1.82	1.56	16.8	0.5,1.0 1.50	0.00	30^o
														DST:Direct Shear Test			
SPT6	9.00 9.45	27		2	69	27	2	N.P.	N.P.		2.63						
				N.P. : Non Plastic													
SPT7	10.50 10.95	30															

GLOBAL

SOIL PROFILE

Project : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

BH.No. 8

Water Table : 31.30

Termination Depth (m) 45.0 m

TABLE NO.8a

Sample type	Depth (m)	N-Value	SOIL DESCRIPTION	Grain Size Analysis				Atterberg Limits			Specific Gravity	Natural Density gms/cm^3	Dry Density gms/cm^3	Moisture Content %	Shear Test		
				Gravel %	Sand %	Silt %	Clay %	Liquid %	Plastic %	Plasticity Index %					Confining Pressure Kg/cm^2	Cohesion Intercept Kg/cm^2	Angle of Internal Friction
UDS4	11.25 11.55		Dense to light brown Silty Sand (SM)	3	64	29	4	N.P.	N.P.		2.65	1.88	1.60	17.5	0.5,1.0 1.50	0.00	32^o
SPT8	12.00 12.45	34						N.P. : Non Plastic							DST:Direct Shear Test		
SPT9	13.50 13.95	38															
UDS5	14.25 14.55																
			(15.0m)														
SPT10	15.00 15.45	40	Hard light brown Sandy Silt, low plastic (CL)														
UDS6	17.25 17.55			2	33	55	10	29.4	21.8	7.6	2.67	2.00	1.70	17.7	1,2,3 UUT	1.70	11^o
															UUT: Unconsolidated Undrained Triaxial Shear Test		
SPT11	18.00 18.45	44															
			(19.5m)														
UDS7	20.25 20.55		Very dense light brown Silty Sand (SM)														
SPT12	21.00 21.45	50															
UDS8	23.25 23.55																
SPT13	24.00 24.45	53															
UDS9	26.25 26.55																

GLOBAL

SOIL PROFILE

Project : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

BH.No. 8 | Water Table : 31.30 | Termination Depth (m) 45.0 m | TABLE NO.8b

Sample type	Depth (m)	N-Value	SOIL DESCRIPTION	Grain Size Analysis: Gravel %	Sand %	Silt %	Clay %	Atterberg Limits: Liquid %	Plastic %	Plasticity Index %	Specific Gravity	Natural Density gms/cm^3	Dry Density gms/cm^3	Moisture Content %	Shear Test: Confining Pressure Kg/cm^2	Cohesion Intercept Kg/cm^2	Angle of Internal Friction
SPT14	27.00 27.45	58	Very dense light brown Silty Sand (SM)														
UDS10	29.25 29.55		(30.0m)										1.70		0.5,1.0 1.50	0.00	33^o
													(Remoulded DST:Direct Shear Test)				
SPT15	30.00 30.45	63	Hard light brown Sandy Silt, low plastic (CL)														
UDS11	32.25 32.55			0	30	56	14	38.0	21.8	16.2	2.68						
SPT16	33.00 33.45	55	(34.5m)														
UDS12	35.25 35.55		Very dense light brown Silty Sand (SM)														
SPT17	36.00 36.45	60															
UDS13	38.25 38.55			3	72	23	2	N.P.	N.P.		2.63		1.73		0.5,1.0 1.50	0.00	34^o
								N.P. : Non Plastic					(Remoulded DST:Direct Shear Test)				
SPT18	39.00 39.45	67															
UDS14	41.25 41.55																
SPT19	42.00 42.45	70															
UDS15	44.25 44.55			0	75	22	3	N.P.	N.P.		2.64						
								N.P. : Non Plastic									
SPT20	45.00 45.45	75	(45.0m)														

GLOBAL

SOIL PROFILE

Project : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

BH.No. 9

Water Table : 30.30

Termination Depth (m) 45.0 m

TABLE NO.9

Sample type	Depth (m)	N-Value	SOIL DESCRIPTION	Grain Size Analysis				Atterberg Limits			Specific Gravity	Natural Density gms/cm^3	Dry Density gms/cm^3	Moisture Content %	Shear Test		
				Gravel %	Sand %	Silt %	Clay %	Liquid %	Plastic %	Plasticity Index %					Confining Pressure Kg/cm^2	Cohesion Intercept Kg/cm^2	Angle of Internal Friction
DS1	0.00 0.50		Medium dense light brown Silty Sand (SM)														
SPT1	1.50 1.95	11															
UDS1	2.25 2.55			3	64	31	2	N.P.	N.P.		2.63	1.74	1.50	16.3	0.5,1.0 1.50	0.00	29^o
				N.P. : Non Plastic										DST:Direct Shear Test			
SPT2	3.00 3.45	14															
SPT3	4.50 4.95	16															
UDS2	5.25 5.55																
SPT4	6.00 6.45	20															
SPT5	7.50 7.95	24															
UDS3	8.25 8.55											1.84	1.57	17.5	0.5,1.0 1.50	0.00	30^o
														DST:Direct Shear Test			
SPT6	9.00 9.45	26		3	74	19	4	N.P.	N.P.		3.65						
				N.P. : Non Plastic													
SPT7	10.50 10.95	32															

GLOBAL

SOIL PROFILE

Project : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

BH.No. 9

Water Table : 30.30

Termination Depth (m) 45.0 m

TABLE NO.9a

Sample type	Depth (m)	N-Value	SOIL DESCRIPTION	Grain Size Analysis				Atterberg Limits			Specific Gravity	Natural Density gms/cm^3	Dry Density gms/cm^3	Moisture Content %	Shear Test		
				Gravel %	Sand %	Silt %	Clay %	Liquid %	Plastic %	Plasticity Index %					Confining Pressure Kg/cm^2	Cohesion Intercept Kg/cm^2	Angle of Internal Friction
UDS4	11.25 11.55		Dense to light brown Silty Sand (SM)	2	66	31	1	N.P.	N.P.		2.62	1.92	1.62	18.3	0.5,1.0 1.50	0.00	32^o
SPT8	12.00 12.45	36						N.P. : Non Plastic							DST:Direct Shear Test		
SPT9	13.50 13.95	41															
UDS5	14.25 14.55																
SPT10	15.00 15.45	43															
UDS6	17.25 17.55																
SPT11	18.00 18.45	45															
UDS7	20.25 20.55																
			(21.0m)														
SPT12	21.00 21.45	50	Hard light brown Sandy Silt, low plastic (CL)														
UDS8	23.25 23.55											2.05	1.72	19.4	1,2,3 UUT	1.80	10^o
															UUT: Unconsolidated Undrained Triaxial Shear Test		
SPT13	24.00 24.45	54		1	34	56	9	28.1	19.5	8.6	2.65						
UDS9	26.25 26.55																

GLOBAL

SOIL PROFILE

Project : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

BH.No. 9

Water Table : 30.30

Termination Depth (m) 45.0 m

TABLE NO.9b

Sample type	Depth (m)	N-Value	SOIL DESCRIPTION	Grain Size Analysis: Gravel %	Sand %	Silt %	Clay %	Atterberg Limits: Liquid %	Plastic %	Plasticity Index %	Specific Gravity	Natural Density gms/cm^3	Dry Density gms/cm^3	Moisture Content %	Shear Test: Confining Pressure Kg/cm^2	Cohesion Intercept Kg/cm^2	Angle of Internal Friction
SPT14	27.00 27.45	57	Hard light brown Sandy Silt, low plastic (CL)														
			(28.0m)														
UDS10	29.25 29.55		Very dense light brown Silty Sand (SM)														
SPT15	30.00 30.45	61															
UDS11	32.25 32.55			1	65	30	4	N.P.	N.P.		2.65		1.73		0.5,1.0 1.50	0.00	34^o
								N.P. : Non Plastic							(Remoulded DST:Direct Shear Test)		
SPT16	33.00 33.45	64															
UDS12	35.25 35.55																
SPT17	36.00 36.45	59															
UDS13	38.25 38.55			3	70	25	2	N.P.	N.P.		2.63						
								N.P. : Non Plastic									
SPT18	39.00 39.45	66															
UDS14	41.25 41.55																
SPT19	42.00 42.45	72															
UDS15	44.25 44.55			3	72	22	3	N.P.	N.P.		2.64		1.75		0.5,1.0 1.50	0.00	35^o
								N.P. : Non Plastic							(Remoulded DST:Direct Shear Test)		
SPT20	45.00 45.45	58	(45.0m)														

GLOBAL

SOIL PROFILE

Project : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

BH.No. 10

Water Table : 30.00

Termination Depth (m) 45.0 m

TABLE NO.10

Sample type	Depth (m)	N-Value	SOIL DESCRIPTION	Grain Size Analysis				Atterberg Limits			Specific Gravity	Natural Density gms/cm^3	Dry Density gms/cm^3	Moisture Content %	Shear Test		
				Gravel %	Sand %	Silt %	Clay %	Liquid %	Plastic %	Plasticity Index %					Confining Pressure Kg/cm^2	Cohesion Intercept Kg/cm^2	Angle of Internal Friction
DS1	0.00 0.50		Medium dense to Dense light brown Silty Sand (SM)														
SPT1	1.50 1.95	14	Medium dense, 0.0m to 6.0m														
UDS1	2.25 2.55			3	66	28	3	N.P.	N.P.		2.64	1.78	1.54	15.4	0.5,1.0 1.50	0.00	30^o
				N.P. : Non Plastic											DST:Direct Shear Test		
SPT2	3.00 3.45	20															
SPT3	4.50 4.95	26															
UDS2	5.25 5.55																
SPT4	6.00 6.45	32	Dense, 6.0m 11.0m														
SPT5	7.50 7.95	35															
UDS3	8.25 8.55											1.88	1.62	16.2	0.5,1.0 1.50	0.00	32^o
															DST:Direct Shear Test		
SPT6	9.00 9.45	38		2	71	25	2	N.P.	N.P.		2.63						
				N.P. : Non Plastic													
SPT7	10.50 10.95	41															

GLOBAL

SOIL PROFILE

Project : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

BH.No. 10

Water Table : 30.00

Termination Depth (m) 45.0 m

TABLE NO.10a

Sample type	Depth (m)	N-Value	SOIL DESCRIPTION	Grain Size Analysis: Gravel %	Sand %	Silt %	Clay %	Atterberg Limits: Liquid %	Plastic %	Plasticity Index %	Specific Gravity	Natural Density gms/cm^3	Dry Density gms/cm^3	Moisture Content %	Shear Test: Confining Pressure Kg/cm^2	Cohesion Intercept Kg/cm^2	Angle of Internal Friction
UDS4	11.25 11.55		Dense to light brown Silty Sand (SM)	5	70	24	1	N.P.	N.P.		2.62	1.94	1.65	17.5	0.5,1.0 1.50	0.00	33^o
SPT8	12.00 12.45	43															
SPT9	13.50 13.95	48															
UDS5	14.25 14.55																
SPT10	15.00 15.45	52															
			(16.5m)														
UDS6	17.25 17.55		Hard light brown Sandy Silt, low plastic (CL)														
SPT11	18.00 18.45	45															
UDS7	20.25 20.55											2.05	1.74	18.1	1,2,3 UUT	1.90	9^o
SPT12	21.00 21.45	55		2	29	60	9	28.1	19.5	8.6	2.65						
			(22.5m)														
UDS8	23.25 23.55		Very dense light brown Silty Sand (SM)														
SPT13	24.00 24.45	62															
UDS9	26.25 26.55																

Non Plastic

DST:Direct Shear Test

UUT: Unconsolidated Undrained Triaxial Shear Test

GLOBAL

SOIL PROFILE

Project : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

BH.No. 10 | Water Table : 30.00 | Termination Depth (m) 45.0 m | TABLE NO.10b

Sample type	Depth (m)	N-Value	SOIL DESCRIPTION	Grain Size Analysis				Atterberg Limits			Specific Gravity	Natural Density gms/cm^3	Dry Density gms/cm^3	Moisture Content %	Shear Test		
				Gravel %	Sand %	Silt %	Clay %	Liquid %	Plastic %	Plasticity Index %					Confining Pressure Kg/cm^2	Cohesion Intercept Kg/cm^2	Angle of Internal Friction
SPT14	27.00 27.45	52	Very dense light brown Silty Sand (SM)														
UDS10	29.25 29.55			2	68	25	5	N.P.	N.P.		2.65						
				N.P. : Non Plastic													
SPT15	30.00 30.45	66															
UDS11	32.25 32.55												1.74		0.5,1.0 1.50	0.00	35^o
													(Remoulded DST:Direct Shear Test)				
SPT16	33.00 33.45	75															
UDS12	35.25 35.55																
SPT17	36.00 36.45	75															
UDS13	38.25 38.55			0	73	24	3	N.P.	N.P.		2.64						
				N.P. : Non Plastic													
SPT18	39.00 39.45	80															
UDS14	41.25 41.55																
SPT19	42.00 42.45	82															
UDS15	44.25 44.55			3	76	17	4	N.P.	N.P.		2.63				0.5,1.0		
				N.P. : Non Plastic									1.76		1.50	0.00	35^o
													(Remoulded DST:Direct Shear Test)				
SPT20	45.00 45.45	88	(45.0m)														

GLOBAL

SOIL PROFILE

Project : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

BH.No. 11

Water Table : 31.00

Termination Depth (m) 45.0 m

TABLE NO.11

Sample type	Depth (m)	N-Value	SOIL DESCRIPTION	Grain Size Analysis				Atterberg Limits			Specific Gravity	Natural Density gms/cm^3	Dry Density gms/cm^3	Moisture Content %	Shear Test		
				Gravel %	Sand %	Silt %	Clay %	Liquid %	Plastic %	Plasticity Index %					Confining Pressure Kg/cm^2	Cohesion Intercept Kg/cm^2	Angle of Internal Friction
DS1	0.00 0.50		Medium dense to Dense light brown Silty Sand (SM)														
SPT1	1.50 1.95	10	Medium dense, 0.0m to 7.5m	3	76	17	4	N.P.	N.P.		2.63						
				N.P. : Non Plastic													
UDS1	2.25 2.55											1.75	1.50	16.4	0.5,1.0 1.50	0.00	29^o
															DST:Direct Shear Test		
SPT2	3.00 3.45	14															
SPT3	4.50 4.95	19															
UDS2	5.25 5.55																
SPT4	6.00 6.45	25															
SPT5	7.50 7.95	31	Dense,7.5m 11.0m														
UDS3	8.25 8.55											1.88	1.60	17.5	0.5,1.0 1.50	0.00	32^o
															DST:Direct Shear Test		
SPT6	9.00 9.45	35		2	68	25	5	N.P.	N.P.		2.65						
				N.P. : Non Plastic													
SPT7	10.50 10.95	39															

GLOBAL

SOIL PROFILE

Project : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

BH.No. 11

Water Table : 31.00

Termination Depth (m) 45.0 m

TABLE NO.11a

Sample type	Depth (m)	N-Value	SOIL DESCRIPTION	Grain Size Analysis: Gravel %	Sand %	Silt %	Clay %	Atterberg Limits: Liquid %	Plastic %	Plasticity Index %	Specific Gravity	Natural Density gms/cm^3	Dry Density gms/cm^3	Moisture Content %	Shear Test: Confining Pressure Kg/cm^2	Cohesion Intercept Kg/cm^2	Angle of Internal Friction
UDS4	11.25 11.55		Dense to light brown Silty Sand (SM)	0	73	24	3	N.P.	N.P.		2.64	1.94	1.65	17.5	0.5,1.0 1.50	0.00	33^o
SPT8	12.00 12.45	42						N.P. : Non Plastic							DST:Direct Shear Test		
SPT9	13.50 13.95	48															
UDS5	14.25 14.55																
			(15.0m)														
SPT10	15.00 15.45	52	Hard light brown Sandy Silt, low plastic (CL)														
UDS6	17.25 17.55			1	35	52	12	31.6	22.8	8.8	2.67	1.99	1.70	17.2	1,2,3 UUT	1.70	10^o
															UUT: Unconsolidated Undrained Triaxial Shear Test		
SPT11	18.00 18.45	58															
			(20.0m)														
UDS7	20.25 20.55		Very dense light brown Silty Sand (SM)														
SPT12	21.00 21.45	65															
UDS8	23.25 23.55																
SPT13	24.00 24.45	55															
UDS9	26.25 26.55																

GLOBAL

SOIL PROFILE

Project : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

BH.No. 11 | Water Table : 31.00 | Termination Depth (m) 45.0 m | TABLE NO.11b

Sample type	Depth (m)	N-Value	SOIL DESCRIPTION	Grain Size Analysis: Gravel %	Sand %	Silt %	Clay %	Atterberg Limits: Liquid %	Plastic %	Plasticity Index %	Specific Gravity	Natural Density gms/cm^3	Dry Density gms/cm^3	Moisture Content %	Shear Test: Confining Pressure Kg/cm^2	Cohesion Intercept Kg/cm^2	Angle of Internal Friction
SPT14	27.00 27.45	60	Very dense light brown Silty Sand (SM)														
UDS10	29.25 29.55			2	71	25	2	N.P.	N.P.		2.63						
			(30.0m)					N.P. : Non Plastic									
SPT15	30.00 30.45	70	Hard light brown Sandy Silt, low plastic (CL)														
UDS11	32.25 32.55												1.75		0.5,1.0 1.50	0.00	35^o
													(Remoulded DST:Direct Shear Test)				
SPT16	33.00 33.45	73															
UDS12	35.25 35.55																
			(36.0m)														
SPT17	36.00 36.45	77	Very dense light brown Silty Sand (SM)														
UDS13	38.25 38.55			5	70	24	1	N.P.	N.P.		2.62						
								N.P. : Non Plastic									
SPT18	39.00 39.45	80															
UDS14	41.25 41.55																
SPT19	42.00 42.45	83															
UDS15	44.25 44.55			3	66	28	3	N.P.	N.P.		2.64		1.77		0.5,1.0 1.50	0.00	35^o
								N.P. : Non Plastic					(Remoulded DST:Direct Shear Test)				
SPT20	45.00 45.45	87	(45.0m)														

GLOBAL

SOIL PROFILE

Project : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

BH.No. 12

Water Table : 31.00

Termination Depth (m) 45.0 m

TABLE NO.12

Sample type	Depth (m)	N-Value	SOIL DESCRIPTION	Grain Size Analysis				Atterberg Limits			Specific Gravity	Natural Density gms/cm^3	Dry Density gms/cm^3	Moisture Content %	Shear Test		
				Gravel %	Sand %	Silt %	Clay %	Liquid %	Plastic %	Plasticity Index %					Confining Pressure Kg/cm^2	Cohesion Intercept Kg/cm^2	Angle of Internal Friction
DS1	0.00 0.50		Medium dense to Dense light brown Silty Sand (SM)														
SPT1	1.50 1.95	12	Medium dense, 0.0m to 9.0m	3	74	19	4	N.P.	N.P.		3.65						
			N.P. : Non Plastic														
UDS1	2.25 2.55											1.78	1.52	16.8	0.5,1.0 1.50	0.00	29^o
			DST:Direct Shear Test														
SPT2	3.00 3.45	15															
SPT3	4.50 4.95	18															
UDS2	5.25 5.55																
SPT4	6.00 6.45	22															
SPT5	7.50 7.95	26		3	64	31	2	N.P.	N.P.		2.63						
			N.P. : Non Plastic														
UDS3	8.25 8.55											1.89	1.59	18.5	0.5,1.0 1.50	0.00	31^o
			DST:Direct Shear Test														
SPT6	9.00 9.45	30	Dense, 9.0m 11.0m														
SPT7	10.50 10.95	33															

GLOBAL

SOIL PROFILE

Project : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

BH.No. 12

Water Table : 31.00

Termination Depth (m) 45.0 m

TABLE NO.12a

Sample type	Depth (m)	N-Value	SOIL DESCRIPTION	Grain Size Analysis: Gravel %	Sand %	Silt %	Clay %	Atterberg Limits: Liquid %	Plastic %	Plasticity Index %	Specific Gravity	Natural Density gms/cm^3	Dry Density gms/cm^3	Moisture Content %	Shear Test: Confining Pressure Kg/cm^2	Cohesion Intercept Kg/cm^2	Angle of Internal Friction
UDS4	11.25 11.55		Dense to light brown Silty Sand (SM)												0.5,1.0 1.50		
				3	70	25	2	N.P.	N.P.		2.63	1.93	1.62	19.1		0.00	33^o
SPT8	12.00 12.45	37						N.P. : Non Plastic							DST:Direct Shear Test		
SPT9	13.50 13.95	40															
UDS5	14.25 14.55																
SPT10	15.00 15.45	43															
UDS6	17.25 17.55																
			(20.0m)														
SPT11	18.00 18.45	49	Hard light brown Sandy Silt, low plastic (CL)														
UDS7	20.25 20.55																
SPT12	21.00 21.45	55		1	34	56	9	28.1	19.5	8.6	2.65						
UDS8	23.25 23.55											2.05	1.72	19.4	1,2,3 UUT	1.80	10^o
												UUT: Unconsolidated Undrained Triaxial Shear Test					
SPT13	24.00 24.45	51															
UDS9	26.25 26.55		(27.0m)														

GLOBAL

SOIL PROFILE

Project : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

BH.No. 12

Water Table : 31.00

Termination Depth (m) 45.0 m

TABLE NO.12b

Sample type	Depth (m)	N-Value	SOIL DESCRIPTION	Grain Size Analysis				Atterberg Limits			Specific Gravity	Natural Density gms/cm^3	Dry Density gms/cm^3	Moisture Content %	Shear Test		
				Gravel %	Sand %	Silt %	Clay %	Liquid %	Plastic %	Plasticity Index %					Confining Pressure Kg/cm^2	Cohesion Intercept Kg/cm^2	Angle of Internal Friction
SPT14	27.00 27.45	58	Very dense light brown Silty Sand (SM)														
UDS10	29.25 29.55			1	65	30	4	N.P.	N.P.		2.65						
								N.P. : Non Plastic									
SPT15	30.00 30.45	62															
UDS11	32.25 32.55												1.69		0.5,1.0 1.50	0.00	34^o
													(Remoulded DST:Direct Shear Test)				
SPT16	33.00 33.45	65															
UDS12	35.25 35.55																
SPT17	36.00 36.45	59															
UDS13	38.25 38.55			0	73	24	3	N.P.	N.P.		2.64						
								N.P. : Non Plastic									
SPT18	39.00 39.45	61															
UDS14	41.25 41.55																
SPT19	42.00 42.45	70															
UDS15	44.25 44.55			2	66	31	1	N.P.	N.P.		2.62				0.5,1.0		
								N.P. : Non Plastic					1.75		1.50	0.00	34^o
													(Remoulded DST:Direct Shear Test)				
SPT20	45.00 45.45	75	(45.0m)														

GLOBAL

SOIL PROFILE

Project : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

BH.No. 13

Water Table : 30.80

Termination Depth (m) 45.0 m

TABLE NO.13

Sample type	Depth (m)	N-Value	SOIL DESCRIPTION	Grain Size Analysis				Atterberg Limits			Specific Gravity	Natural Density gms/cm^3	Dry Density gms/cm^3	Moisture Content %	Shear Test		
				Gravel %	Sand %	Silt %	Clay %	Liquid %	Plastic %	Plasticity Index %					Confining Pressure Kg/cm^2	Cohesion Intercept Kg/cm^2	Angle of Internal Friction
DS1	0.00 0.50		Medium dense light brown Silty Sand (SM)														
SPT1	1.50 1.95	11		3	66	28	3	N.P.	N.P.		2.64						
				N.P. : Non Plastic													
UDS1	2.25 2.55											1.72	1.51	14.2	0.5,1.0 1.50	0.00	28^o
															DST:Direct Shear Test		
SPT2	3.00 3.45	13															
SPT3	4.50 4.95	17															
UDS2	5.25 5.55																
SPT4	6.00 6.45	20															
SPT5	7.50 7.95	24		2	68	25	5	N.P.	N.P.		2.65						
				N.P. : Non Plastic													
UDS3	8.25 8.55											1.83	1.57	16.8	0.5,1.0 1.50	0.00	30^o
															DST:Direct Shear Test		
SPT6	9.00 9.45	28															
SPT7	10.50 10.95	35															

GLOBAL

SOIL PROFILE

Project : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

BH.No. 13

Water Table : 30.80

Termination Depth (m) 45.0 m

TABLE NO.13a

Sample type	Depth (m)	N-Value	SOIL DESCRIPTION	Grain Size Analysis: Gravel %	Sand %	Silt %	Clay %	Atterberg Limits: Liquid %	Plastic %	Plasticity Index %	Specific Gravity	Natural Density gms/cm^3	Dry Density gms/cm^3	Moisture Content %	Shear Test: Confining Pressure Kg/cm^2	Cohesion Intercept Kg/cm^2	Angle of Internal Friction
UDS4	11.25 11.55		Dense to light brown Silty Sand (SM)												0.5,1.0 1.50		
				0	73	24	3	N.P.	N.P.		2.64	1.90	1.62	17.3		0.00	32^o
SPT8	12.00 12.45	40						N.P. : Non Plastic							DST:Direct Shear Test		
SPT9	13.50 13.95	42															
UDS5	14.25 14.55																
SPT10	15.00 15.45	48															
			(16.5m)														
UDS6	17.25 17.55		Hard light brown Sandy Silt, low plastic (CL)														
SPT11	18.00 18.45	50															
UDS7	20.25 20.55											2.02	1.71	18.2	1,2,3 UUT	1.60	10^o
															UUT: Unconsolidated Undrained Triaxial Shear Test		
SPT12	21.00 21.45	54		2	29	60	9	28.1	19.5	8.6	2.65						
			(22.0m)														
UDS8	23.25 23.55		Very Dense to light brown Silty Sand (SM)														
SPT13	24.00 24.45	60															
UDS9	26.25 26.55																

GLOBAL

SOIL PROFILE

Project : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

BH.No. 13 | Water Table : 30.80 | Termination Depth (m) 45.0 m | TABLE NO.13b

Sample type	Depth (m)	N-Value	SOIL DESCRIPTION	Grain Size Analysis				Atterberg Limits			Specific Gravity	Natural Density gms/cm^3	Dry Density gms/cm^3	Moisture Content %	Shear Test		
				Gravel %	Sand %	Silt %	Clay %	Liquid %	Plastic %	Plasticity Index %					Confining Pressure Kg/cm^2	Cohesion Intercept Kg/cm^2	Angle of Internal Friction
SPT14	27.00 27.45	62	Very dense light brown Silty Sand (SM)														
UDS10	29.25 29.55																
SPT15	30.00 30.45	58		2	71	25	2	N.P.	N.P.		2.63						
				N.P. : Non Plastic													
UDS11	32.25 32.55												1.70		0.5,1.0 1.50	0.00	35^o
				(Remoulded DST:Direct Shear Test)													
SPT16	33.00 33.45	60															
UDS12	35.25 35.55																
SPT17	36.00 36.45	72															
UDS13	38.25 38.55			2	66	31	1	N.P.	N.P.		2.62						
				N.P. : Non Plastic													
SPT18	39.00 39.45	78															
UDS14	41.25 41.55																
SPT19	42.00 42.45	81															
UDS15	44.25 44.55												1.72		0.5,1.0 1.50	0.00	35^o
				(Remoulded DST:Direct Shear Test)													
SPT20	45.00 45.45	90	(45.0m)	1	65	30	4	N.P.	N.P.		2.65						
				N.P. : Non Plastic													

GLOBAL

SOIL PROFILE

Project : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

BH.No. 14

Water Table : 31.30

Termination Depth (m) 45.0 m

TABLE NO.14

Sample type	Depth (m)	N-Value	SOIL DESCRIPTION	Grain Size Analysis				Atterberg Limits			Specific Gravity	Natural Density gms/cm^3	Dry Density gms/cm^3	Moisture Content %	Shear Test		
				Gravel %	Sand %	Silt %	Clay %	Liquid %	Plastic %	Plasticity Index %					Confining Pressure Kg/cm^2	Cohesion Intercept Kg/cm^2	Angle of Internal Friction
DS1	0.00 0.50		Medium dense light brown Silty Sand (SM)														
SPT1	1.50 1.95	10		3	72	23	2	N.P.	N.P.		2.63						
				N.P. : Non Plastic													
UDS1	2.25 2.55											1.71	1.50	14.2	0.5,1.0 1.50	0.00	28^o
															DST:Direct Shear Test		
SPT2	3.00 3.45	12															
SPT3	4.50 4.95	15															
UDS2	5.25 5.55																
SPT4	6.00 6.45	21															
SPT5	7.50 7.95	23		0	75	22	3	N.P.	N.P.		2.64						
				N.P. : Non Plastic													
UDS3	8.25 8.55											1.79	1.56	15.0	0.5,1.0 1.50	0.00	30^o
															DST:Direct Shear Test		
SPT6	9.00 9.45	26															
SPT7	10.50 10.95	31															

GLOBAL

SOIL PROFILE

Project : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

BH.No. 14

Water Table : 31.30

Termination Depth (m) 45.0 m

TABLE NO.14a

Sample type	Depth (m)	N-Value	SOIL DESCRIPTION	Grain Size Analysis: Gravel %	Sand %	Silt %	Clay %	Atterberg Limits: Liquid %	Plastic %	Plasticity Index %	Specific Gravity	Natural Density gms/cm^3	Dry Density gms/cm^3	Moisture Content %	Shear Test: Confining Pressure Kg/cm^2	Cohesion Intercept Kg/cm^2	Angle of Internal Friction
UDS4	11.25 11.55		Dense to light brown Silty Sand (SM)									1.86	1.60	16.3	0.5,1.0 1.50	0.00	32^o
SPT8	12.00 12.45	34		3	64	29	4	N.P.	N.P.		2.65				DST:Direct Shear Test		
SPT9	13.50 13.95	45						N.P. : Non Plastic									
UDS5	14.25 14.55																
SPT10	15.00 15.45	50															
UDS6	17.25 17.55		(18.0m)														
SPT11	18.00 18.45	46	Hard light brown Sandy Silt, low plastic (CL)														
UDS7	20.25 20.55											1.99	1.70	17.0	1,2,3 UUT	1.55	9^o
SPT12	21.00 21.45	51		1	30	60	9	28.1	19.5	8.6	2.65				UUT: Unconsolidated Undrained Triaxial Shear Test		
UDS8	23.25 23.55																
SPT13	24.00 24.45	57															
UDS9	26.25 26.55		(27.0m)														

GLOBAL

SOIL PROFILE

Project : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

BH.No. 14 | Water Table : 31.30 | Termination Depth (m) 45.0 m | TABLE NO.14b

Sample type	Depth (m)	N-Value	SOIL DESCRIPTION	Grain Size Analysis				Atterberg Limits			Specific Gravity	Natural Density gms/cm^3	Dry Density gms/cm^3	Moisture Content %	Shear Test		
				Gravel %	Sand %	Silt %	Clay %	Liquid %	Plastic %	Plasticity Index %					Confining Pressure Kg/cm^2	Cohesion Intercept Kg/cm^2	Angle of Internal Friction
SPT14	27.00 27.45	64	Very dense light brown Silty Sand (SM)														
UDS10	29.25 29.55			2	65	28	5	N.P.	N.P.		2.66						
				N.P. : Non Plastic													
SPT15	30.00 30.45	59															
UDS11	32.25 32.55												1.65		0.5,1.0 1.50	0.00	34^o
													(Remoulded DST:Direct Shear Test)				
SPT16	33.00 33.45	65															
UDS12	35.25 35.55																
SPT17	36.00 36.45	70															
UDS13	38.25 38.55			1	70	26	3	N.P.	N.P.		2.64						
				N.P. : Non Plastic													
SPT18	39.00 39.45	78															
UDS14	41.25 41.55																
SPT19	42.00 42.45	80															
UDS15	44.25 44.55			2	69	27	2	N.P.	N.P.		2.63				0.5,1.0		
				N.P. : Non Plastic									1.73		1.50	0.00	35^o
													(Remoulded DST:Direct Shear Test)				
SPT20	45.00 45.45	85	(45.0m)														

GLOBAL

SOIL PROFILE

Project : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

BH.No. 15

Water Table : 30.50

Termination Depth (m) 45.0 m

TABLE NO.15

Sample type	Depth (m)	N-Value	SOIL DESCRIPTION	Grain Size Analysis				Atterberg Limits			Specific Gravity	Natural Density gms/cm^3	Dry Density gms/cm^3	Moisture Content %	Shear Test		
				Gravel %	Sand %	Silt %	Clay %	Liquid %	Plastic %	Plasticity Index %					Confining Pressure Kg/cm^2	Cohesion Intercept Kg/cm^2	Angle of Internal Friction
DS1	0.00 0.50		Medium dense to Dense light brown Silty Sand (SM)														
SPT1	1.50 1.95	13	Medium dense, 0.0m to 7.5m	0	75	22	3	N.P.	N.P.		2.64						
			N.P. : Non Plastic														
UDS1	2.25 2.55											1.76	1.53	15.3	0.5,1.0 1.50	0.00	30^o
			DST:Direct Shear Test														
SPT2	3.00 3.45	16															
SPT3	4.50 4.95	21															
UDS2	5.25 5.55																
SPT4	6.00 6.45	28															
SPT5	7.50 7.95	33	Dense, 7.5m to 11.0m	2	68	28	2	N.P.	N.P.		2.63						
			N.P. : Non Plastic														
UDS3	8.25 8.55											1.87	1.61	16.4	0.5,1.0 1.50	0.00	33^o
			DST:Direct Shear Test														
SPT6	9.00 9.45	37															
SPT7	10.50 10.95	40															

GLOBAL

SOIL PROFILE

Project : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

BH.No. 15

Water Table : 30.50

Termination Depth (m) 45.0 m

TABLE NO.15a

Sample type	Depth (m)	N-Value	SOIL DESCRIPTION	Grain Size Analysis				Atterberg Limits			Specific Gravity	Natural Density gms/cm^3	Dry Density gms/cm^3	Moisture Content %	Shear Test		
				Gravel %	Sand %	Silt %	Clay %	Liquid %	Plastic %	Plasticity Index %					Confining Pressure Kg/cm^2	Cohesion Intercept Kg/cm^2	Angle of Internal Friction
UDS4	11.25 11.55		Dense to light brown Silty Sand (SM)												0.5,1.0 1.50	0.00	34^o
				3	65	28	4	N.P.	N.P.		2.65	1.93	1.65	17.0			
SPT8	12.00 12.45	46						N.P. : Non Plastic							DST:Direct Shear Test		
SPT9	13.50 13.95	51															
UDS5	14.25 14.55																
			(16.0m)														
SPT10	15.00 15.45	55	Hard light brown Sandy Silt, low plastic (CL)														
UDS6	17.25 17.55											2.10	1.74	20.5	1,2,3 UUT	1.55	11^o
															UUT: Unconsolidated Undrained Triaxial Shear Test		
SPT11	18.00 18.45	60		1	28	61	10	28.8	19.0	9.8	2.65						
			(19.5m)														
UDS7	20.25 20.55		Very Dense to light brown Silty Sand (SM)														
SPT12	21.00 21.45	58															
UDS8	23.25 23.55																
SPT13	24.00 24.45	65															
UDS9	26.25 26.55																

GLOBAL

SOIL PROFILE

Project : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

BH.No. 15

Water Table : 30.50

Termination Depth (m) 45.0 m

TABLE NO.15b

Sample type	Depth (m)	N-Value	SOIL DESCRIPTION	Grain Size Analysis: Gravel %	Sand %	Silt %	Clay %	Atterberg Limits: Liquid %	Plastic %	Plasticity Index %	Specific Gravity	Natural Density gms/cm^3	Dry Density gms/cm^3	Moisture Content %	Shear Test: Confining Pressure Kg/cm^2	Cohesion Intercept Kg/cm^2	Angle of Internal Friction
SPT14	27.00 27.45	70	Very dense light brown Silty Sand (SM)												0.5,1.0 1.50		
													1.70			0.00	35^o
													(Remoulded DST:Direct Shear Test)				
UDS10	29.25 29.55			3	70	25	2	N.P.	N.P.		2.63						
								N.P. : Non Plastic									
			(30.0m)														
SPT15	30.00 30.45	73	Hard light brown Sandy Silt, Low plastic (CL)														
UDS11	32.25 32.55																
SPT16	33.00 33.45	79															
UDS12	35.25 35.55																
SPT17	36.00 36.45	80															
			(37.0m)														
UDS13	38.25 38.55		Very dense light brown Silty Sand (SM)	0	80	18	2	N.P.	N.P.		1.63						
								N.P. : Non Plastic									
SPT18	39.00 39.45	72															
UDS14	41.25 41.55														0.5,1.0 1.50		
													1.72			0.00	35^o
													(Remoulded DST:Direct Shear Test)				
SPT19	42.00 42.45	83															
UDS15	44.25 44.55			0	78	19	3	N.P.	N.P.		2.64						
								N.P. : Non Plastic									
SPT20	45.00 45.45	82	(45.0m)														

GLOBAL

SOIL PROFILE

Project : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

BH.No. 16

Water Table : Not Met

Termination Depth (m) : 15.0 m

TABLE NO.16

Sample type	Depth (m)	N-Value	SOIL DESCRIPTION	Grain Size Analysis				Atterberg Limits			Specific Gravity	Natural Density gms/cm^3	Dry Density gms/cm^3	Moisture Content %	Shear Test		
				Gravel %	Sand %	Silt %	Clay %	Liquid %	Plastic %	Plasticity Index %					Confining Pressure Kg/cm^2	Cohesion Intercept Kg/cm^2	Angle of Internal Friction
DS1	0.00 0.50		Medium dense light brown Silty Sand (SM)														
SPT1	1.50 1.95	13		0	74	24	2	N.P.	N.P.		2.63						
				N.P. : Non Plastic													
UDS1	2.25 2.55											1.68	1.53	9.7	0.5,1.0 1.50	0.00	29^o
															DST:Direct Shear Test		
SPT2	3.00 3.45	15															
SPT3	4.50 4.95	20															
UDS2	5.25 5.55																
SPT4	6.00 6.45	24															
SPT5	7.50 7.95	29		1	69	26	4	N.P.	N.P.		2.64						
				N.P. : Non Plastic													
UDS3	8.25 8.55											1.78	1.60	11.3	0.5,1.0 1.50	0.00	31^o
															DST:Direct Shear Test		
SPT6	9.00 9.45	32															
SPT7	10.50 10.95	35															

GLOBAL

SOIL PROFILE

Project : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

BH.No. 16

Water Table : Not Met

Termination Depth (m) 15.0 m

TABLE NO.16a

Sample type	Depth (m)	N-Value	SOIL DESCRIPTION	Grain Size Analysis				Atterberg Limits			Specific Gravity	Natural Density gms/cm^3	Dry Density gms/cm^3	Moisture Content %	Shear Test		
				Gravel %	Sand %	Silt %	Clay %	Liquid %	Plastic %	Plasticity Index %					Confining Pressure Kg/cm^2	Cohesion Intercept Kg/cm^2	Angle of Internal Friction
UDS4	11.25 11.55		Dense to light brown Silty Sand (SM)	3	72	22	3	N.P.	N.P.		2.64	1.85	1.64	13.1	0.5,1.0 1.50	0.00	33^o
SPT8	12.00 12.45	39						N.P. : Non Plastic							DST:Direct Shear Test		
SPT9	13.50 13.95	43															
UDS5	14.25 14.55			1	70	25	4	N.P.	N.P.		2.65						
SPT10	15.00 15.45	48						N.P. : Non Plastic									

GLOBAL

SOIL PROFILE

Project : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

BH.No. 17

Water Table : Not Met

Termination Depth (m) : 15.0 m

TABLE NO.17

Sample type	Depth (m)	N-Value	SOIL DESCRIPTION	Grain Size Analysis				Atterberg Limits			Specific Gravity	Natural Density gms/cm^3	Dry Density gms/cm^3	Moisture Content %	Shear Test		
				Gravel %	Sand %	Silt %	Clay %	Liquid %	Plastic %	Plasticity Index %					Confining Pressure Kg/cm^2	Cohesion Intercept Kg/cm^2	Angle of Internal Friction
DS1	0.00 0.50		Medium dense light brown Silty Sand (SM)														
SPT1	1.50 1.95	10		1	70	25	4	N.P.	N.P.		2.65						
								N.P. : Non Plastic									
UDS1	2.25 2.55											1.66	1.50	10.8	0.5,1.0 1.50	0.00	29^o
															DST:Direct Shear Test		
SPT2	3.00 3.45	12															
SPT3	4.50 4.95	15															
UDS2	5.25 5.55																
SPT4	6.00 6.45	17															
SPT5	7.50 7.95	20		3	68	27	2	N.P.	N.P.		2.63						
								N.P. : Non Plastic									
UDS3	8.25 8.55											1.74	1.56	11.5	0.5,1.0 1,2,3	0.00	30^o
															DST:Direct Shear Test		
SPT6	9.00 9.45	25															
SPT7	10.50 10.95	28															

GLOBAL

SOIL PROFILE

Project : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

BH.No. 17

Water Table : Not Met

Termination Depth (m) 15.0 m

TABLE NO.17a

Sample type	Depth (m)	N-Value	SOIL DESCRIPTION	Grain Size Analysis				Atterberg Limits			Specific Gravity	Natural Density gms/cm^3	Dry Density gms/cm^3	Moisture Content %	Shear Test		
				Gravel %	Sand %	Silt %	Clay %	Liquid %	Plastic %	Plasticity Index %					Confining Pressure Kg/cm^2	Cohesion Intercept Kg/cm^2	Angle of Internal Friction
UDS4	11.25 11.55		Dense to light brown Silty Sand (SM)														
SPT8	12.00 12.45	33		3	75	20	2	N.P.	N.P.		2.63						
SPT9	13.50 13.95	37															
UDS5	14.25 14.55											1.84	1.63	13.2	0.5,1.0 1.50	0.00	33^o
SPT10	15.00 15.45	40		3	68	26	3	N.P.	N.P.		2.64						

N.P. : Non Plastic

DST:Direct Shear Test

GLOBAL

SOIL PROFILE

Project : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

BH.No. 18

Water Table : Not Met

Termination Depth (m) : 15.0 m

TABLE NO.18

Sample type	Depth (m)	N-Value	SOIL DESCRIPTION	Grain Size Analysis				Atterberg Limits			Specific Gravity	Natural Density gms/cm^3	Dry Density gms/cm^3	Moisture Content %	Shear Test		
				Gravel %	Sand %	Silt %	Clay %	Liquid %	Plastic %	Plasticity Index %					Confining Pressure Kg/cm^2	Cohesion Intercept Kg/cm^2	Angle of Internal Friction
DS1	0.00 0.50		Medium dense light brown Silty Sand (SM)														
SPT1	1.50 1.95	11		4	72	22	2	N.P.	N.P.		2.63						
								N.P. : Non Plastic									
UDS1	2.25 2.55											1.65	1.51	9.5	0.5,1.0 1.50	0.00	29^o
															DST:Direct Shear Test		
SPT2	3.00 3.45	14															
SPT3	4.50 4.95	19															
UDS2	5.25 5.55																
SPT4	6.00 6.45	22															
SPT5	7.50 7.95	25															
UDS3	8.25 8.55			0	70	26	4	N.P.	N.P.		2.65	1.75	1.58	10.7	0.5,1.0 1.50	0.00	31^o
								N.P. : Non Plastic							DST:Direct Shear Test		
SPT6	9.00 9.45	28															
SPT7	10.50 10.95	31															

GLOBAL

SOIL PROFILE

Project : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

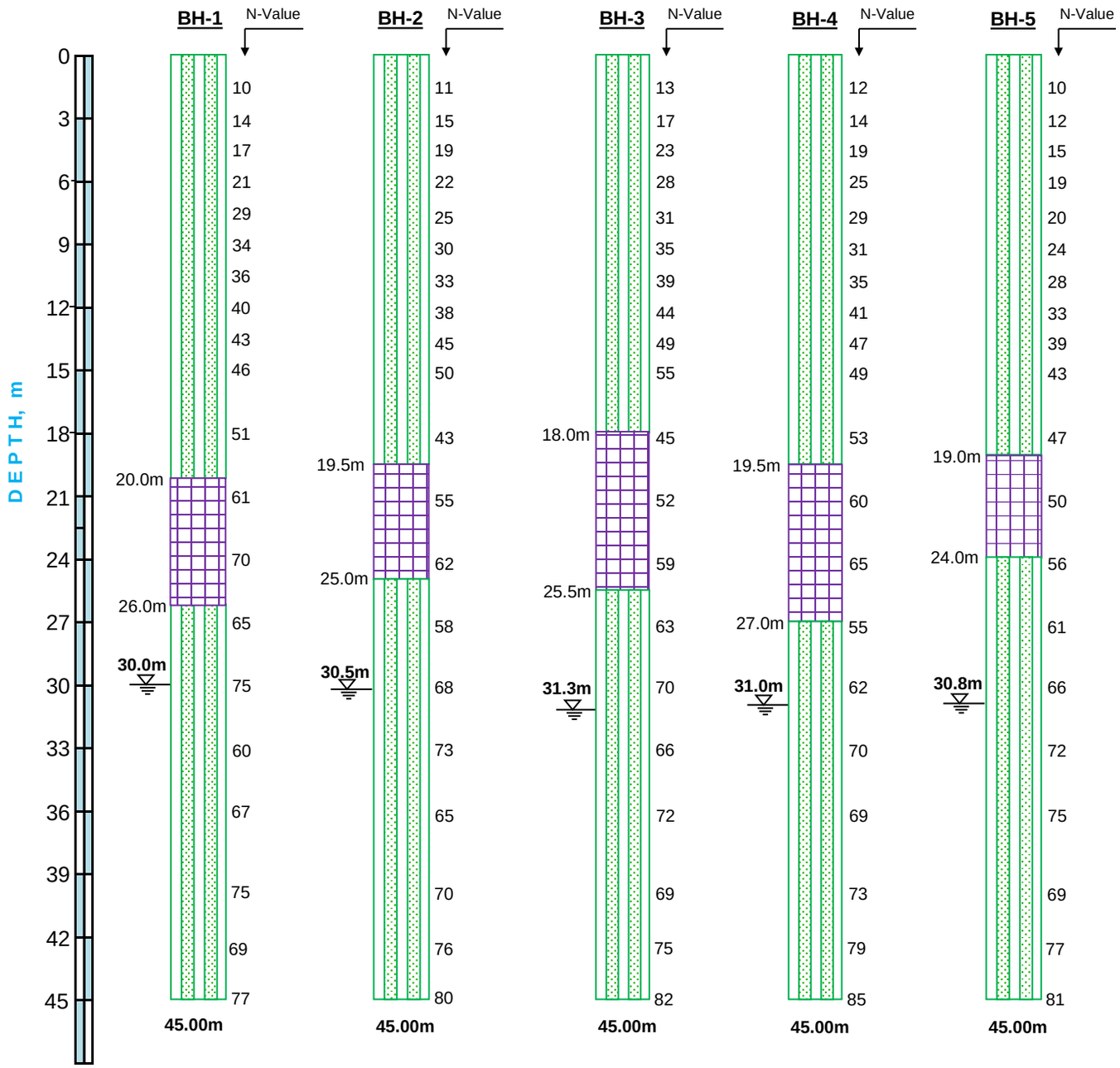
BH.No. 18

Water Table : Not Met

Termination Depth (m) 15.0 m

TABLE NO.18a

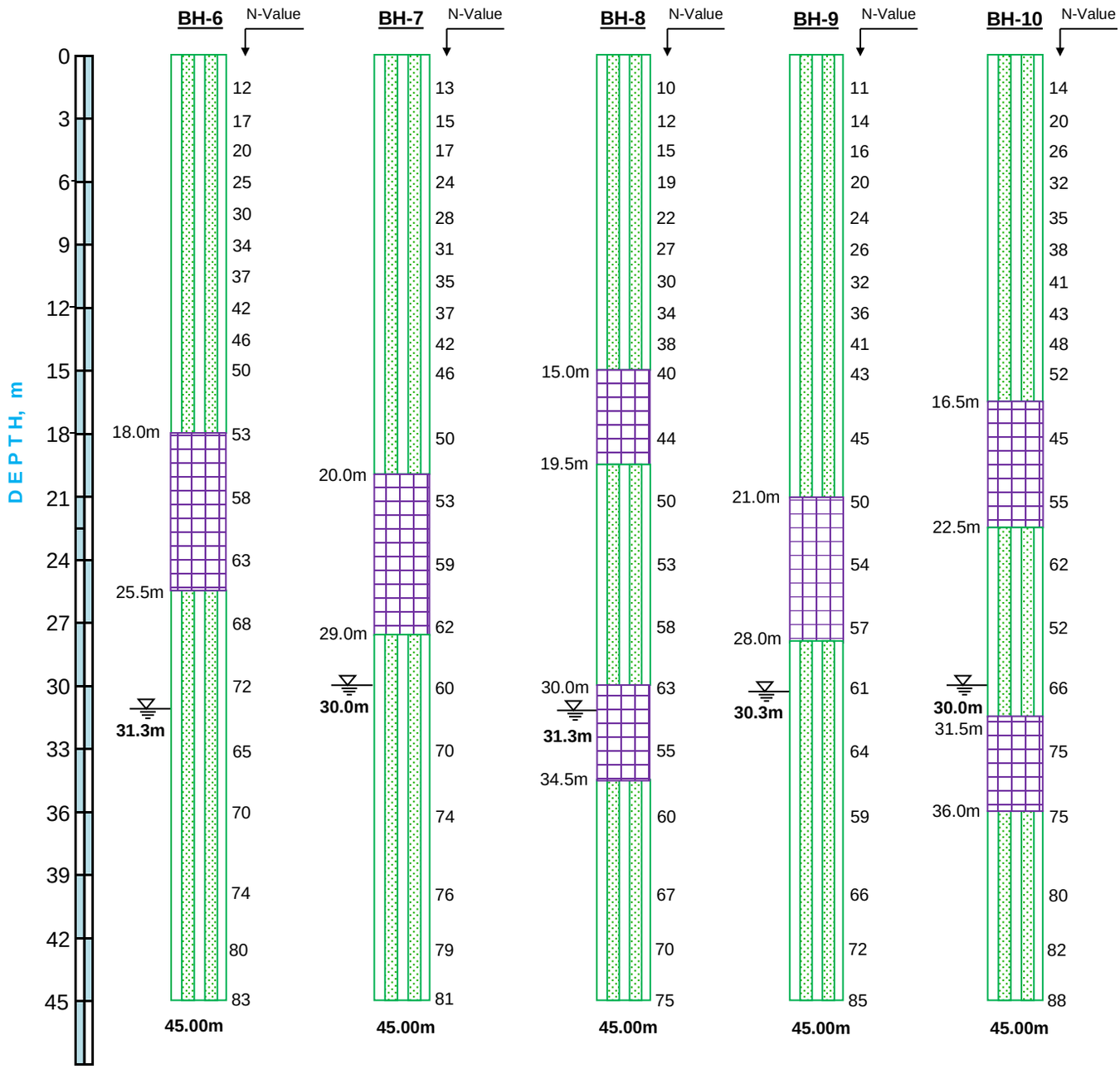
Sample type	Depth (m)	N-Value	SOIL DESCRIPTION	Grain Size Analysis				Atterberg Limits			Specific Gravity	Natural Density gms/cm^3	Dry Density gms/cm^3	Moisture Content %	Shear Test		
				Gravel %	Sand %	Silt %	Clay %	Liquid %	Plastic %	Plasticity Index %					Confining Pressure Kg/cm^2	Cohesion Intercept Kg/cm^2	Angle of Internal Friction
UDS4	11.25 11.55		Dense light brown Silty Sand (SM)	0	67	30	3	N.P.	N.P.		2.64	1.82	1.61	12.8	0.5,1.0 1.50	0.00	33^o
SPT8	12.00 12.45	35						N.P. : Non Plastic							DST:Direct Shear Test		
SPT9	13.50 13.95	41		2	66	28	4	N.P.	N.P.		2.65						
UDS5	14.25 14.55							N.P. : Non Plastic									
SPT10	15.00 15.45	46															



SUMMARY OF BOREHOLE PROFILE

LEGEND	
SYMBOL	DESCRIPTION
	Silty Sand (SM)
	sandy Silt (CL)
	Water Table

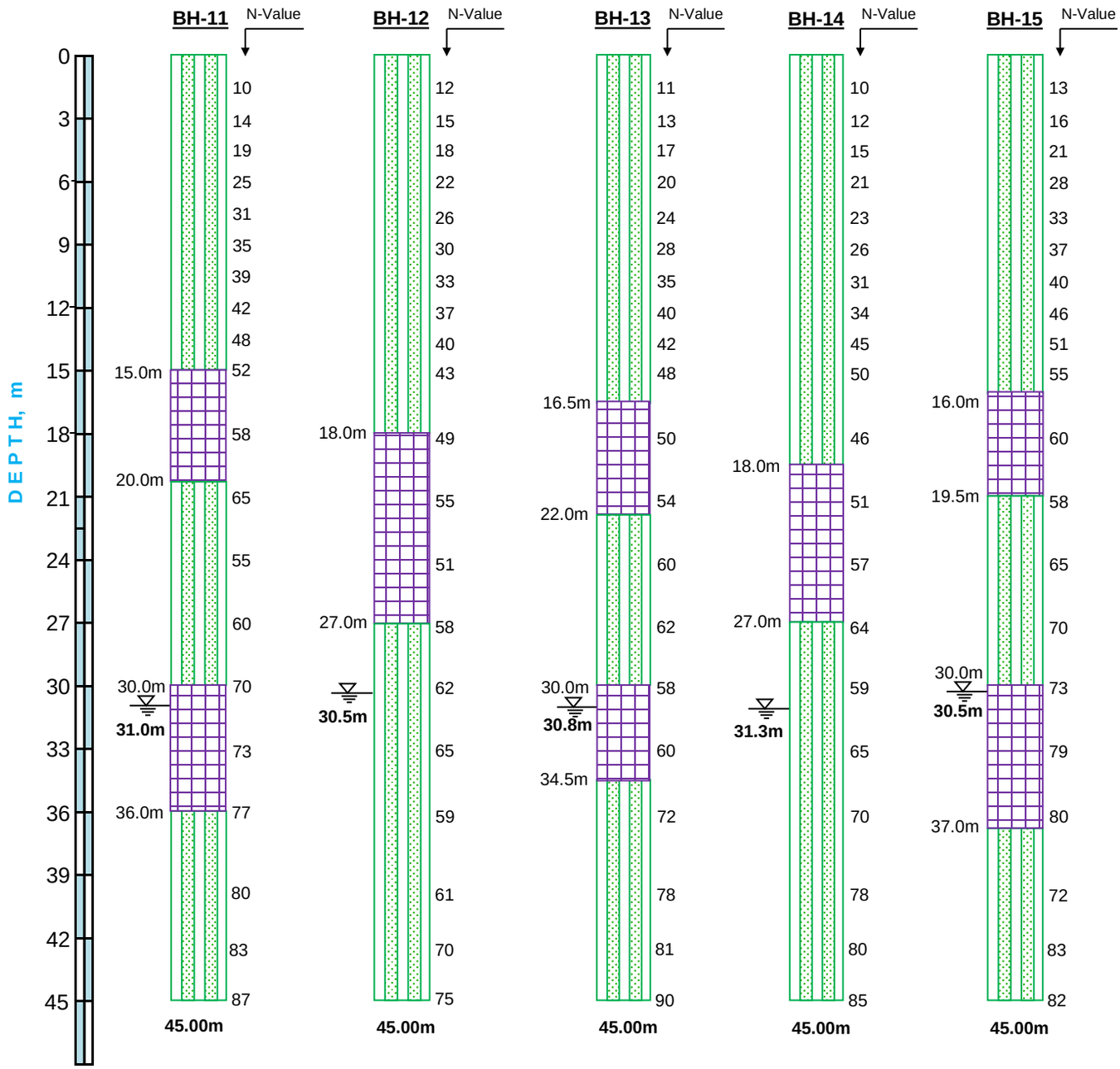
PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.



SUMMARY OF BOREHOLE PROFILE

LEGEND	
SYMBOL	DESCRIPTION
	Silty Sand (SM)
	sandy Silt (CL)
	Water Table

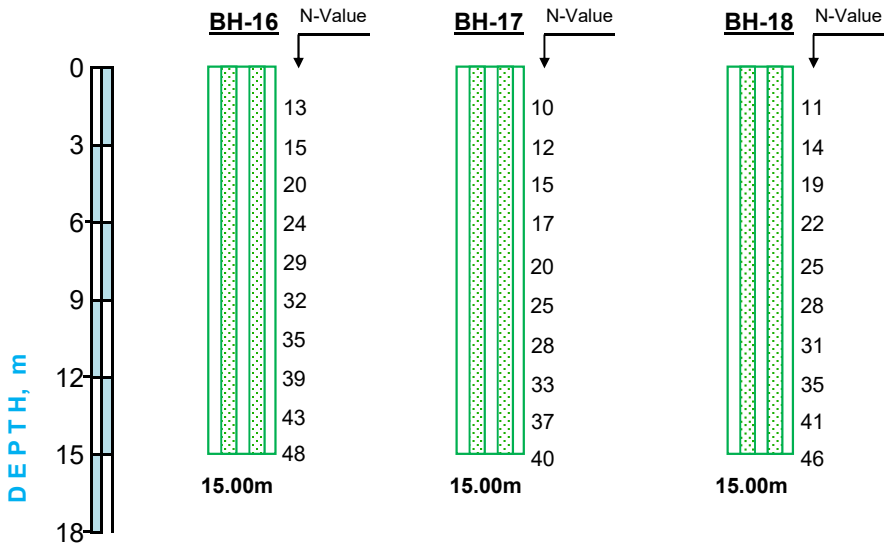
PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.



SUMMARY OF BOREHOLE PROFILE

LEGEND	
SYMBOL	DESCRIPTION
	Silty Sand (SM)
	sandy Silt (CL)
	Water Table

PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

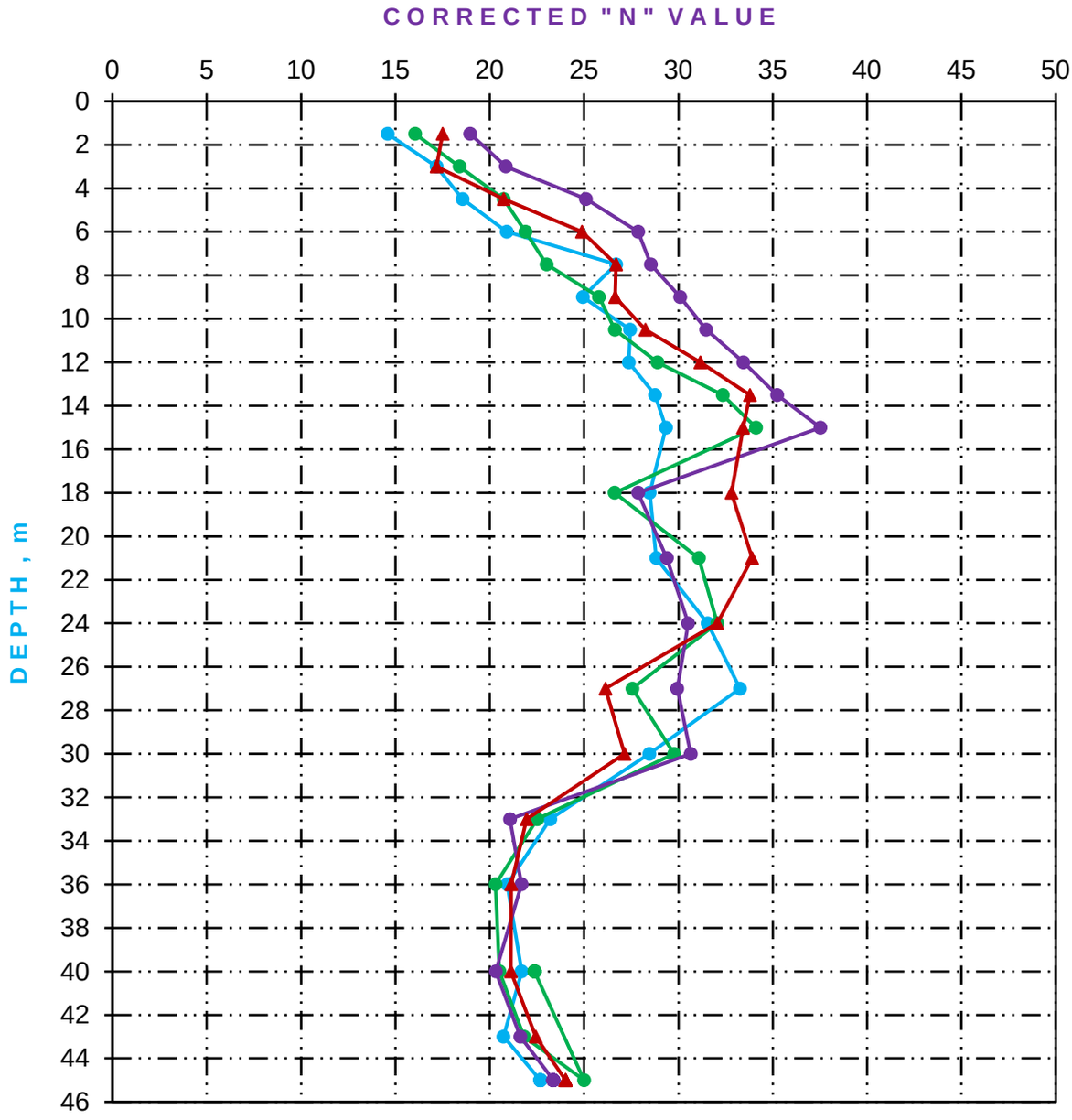


SUMMARY OF BOREHOLE PROFILE

LEGEND	
SYMBOL	DESCRIPTION
	Silty Sand (SM)

PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

STANDARD PENETRATION TEST

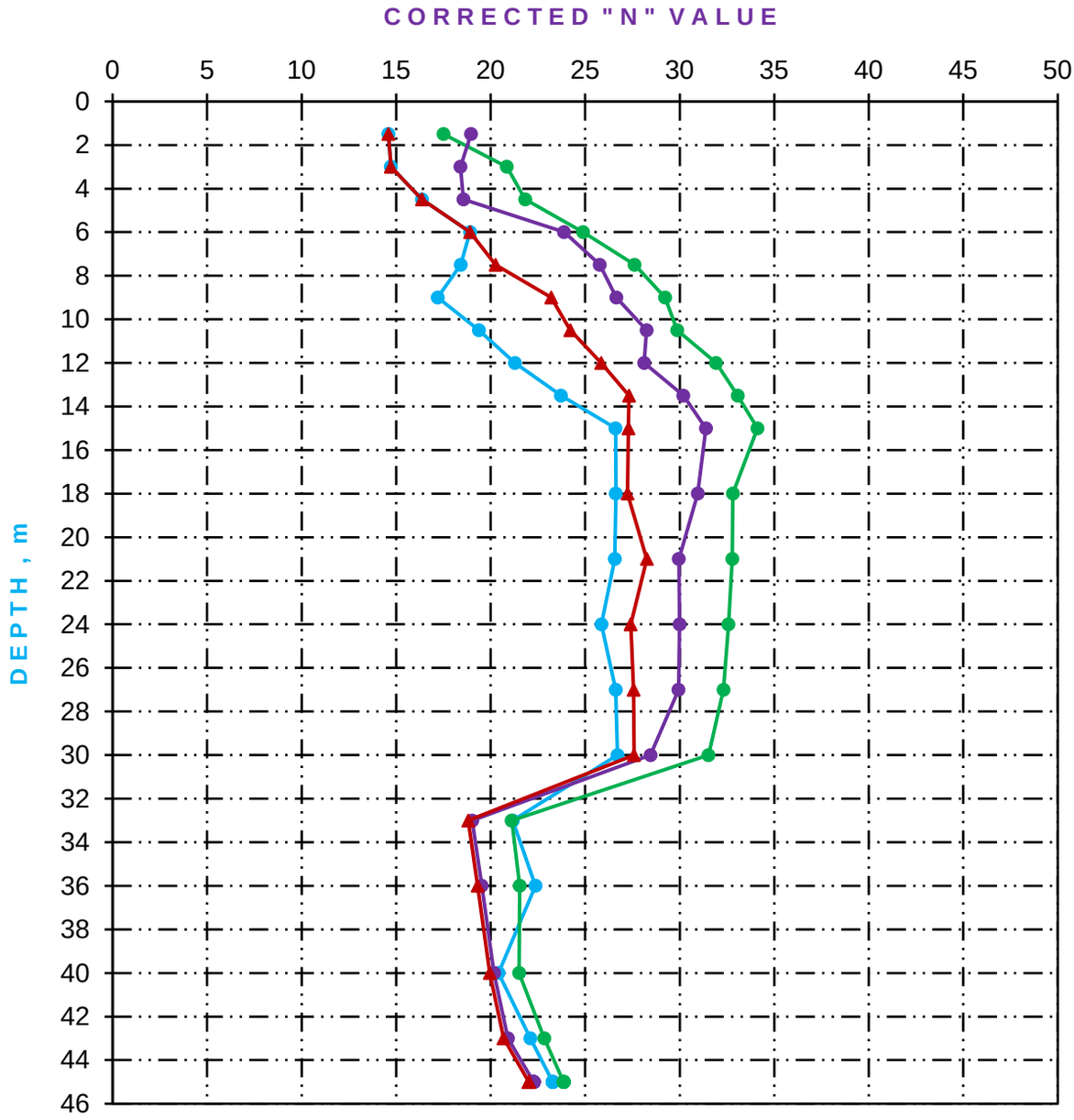


LEGEND	
Symbol	**BH.No.**
	BH-1
	BH-2
	BH-3
	BH-4

PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. GEOTECHNICAL CONSULTANTS	Fig. 24

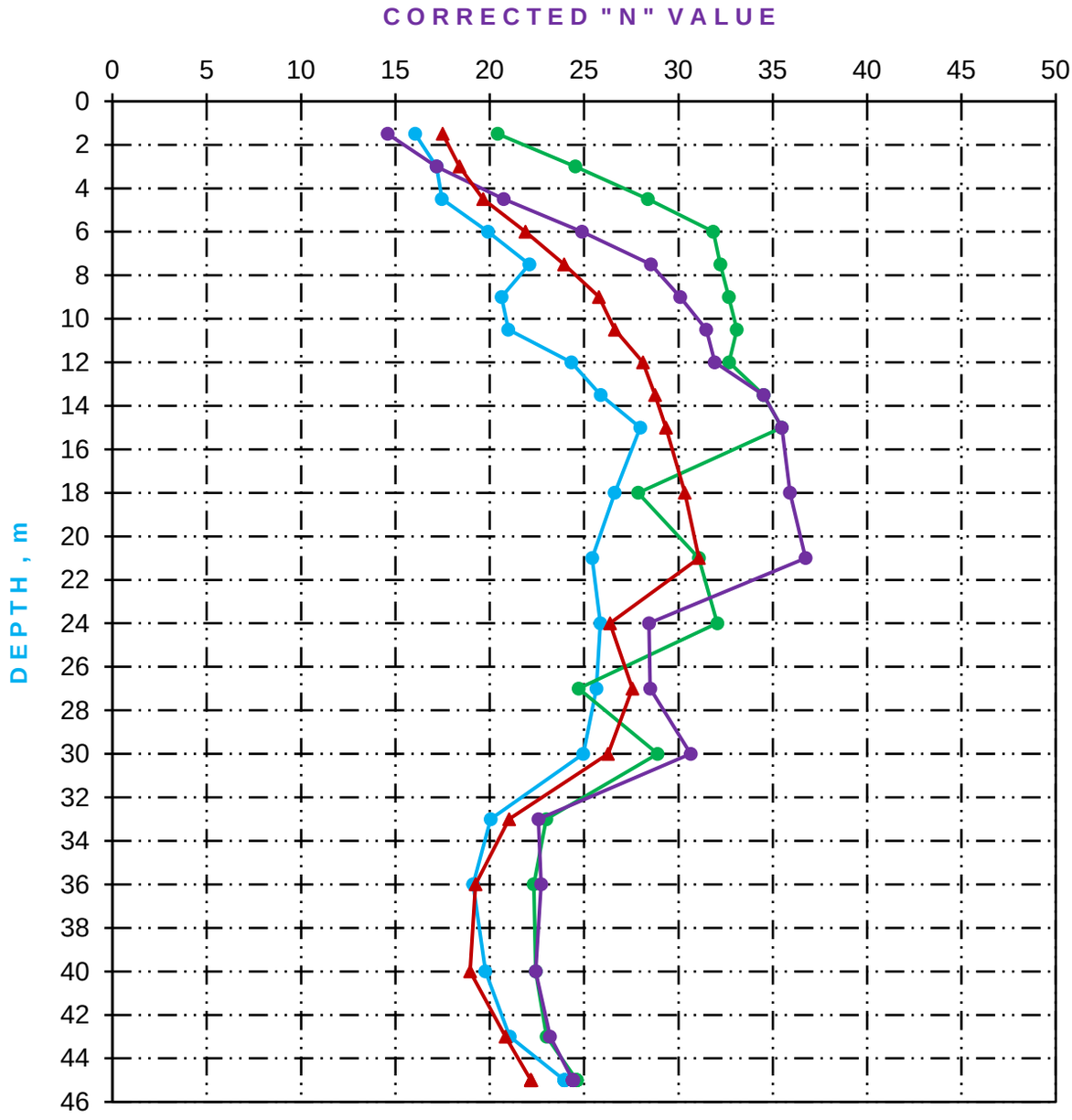
STANDARD PENETRATION TEST



LEGEND	
Symbol	**BH.No.**
	BH-5
	BH-6
	BH-7
	BH-8

PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

STANDARD PENETRATION TEST

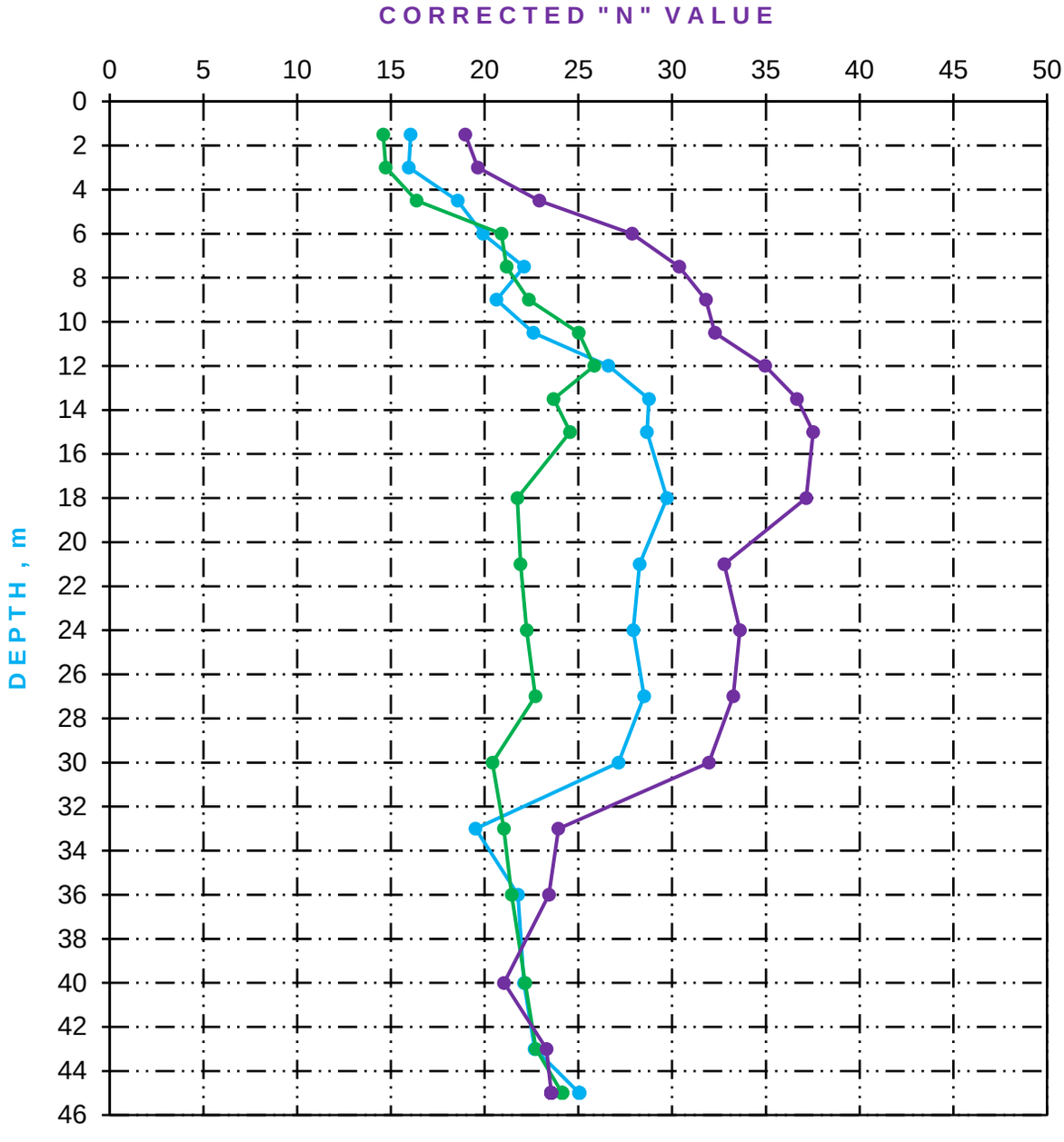


LEGEND	
Symbol	**BH.No.**
	BH-9
	BH-10
	BH-11
	BH-12

PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. GEOTECHNICAL CONSULTANTS	Fig. 26

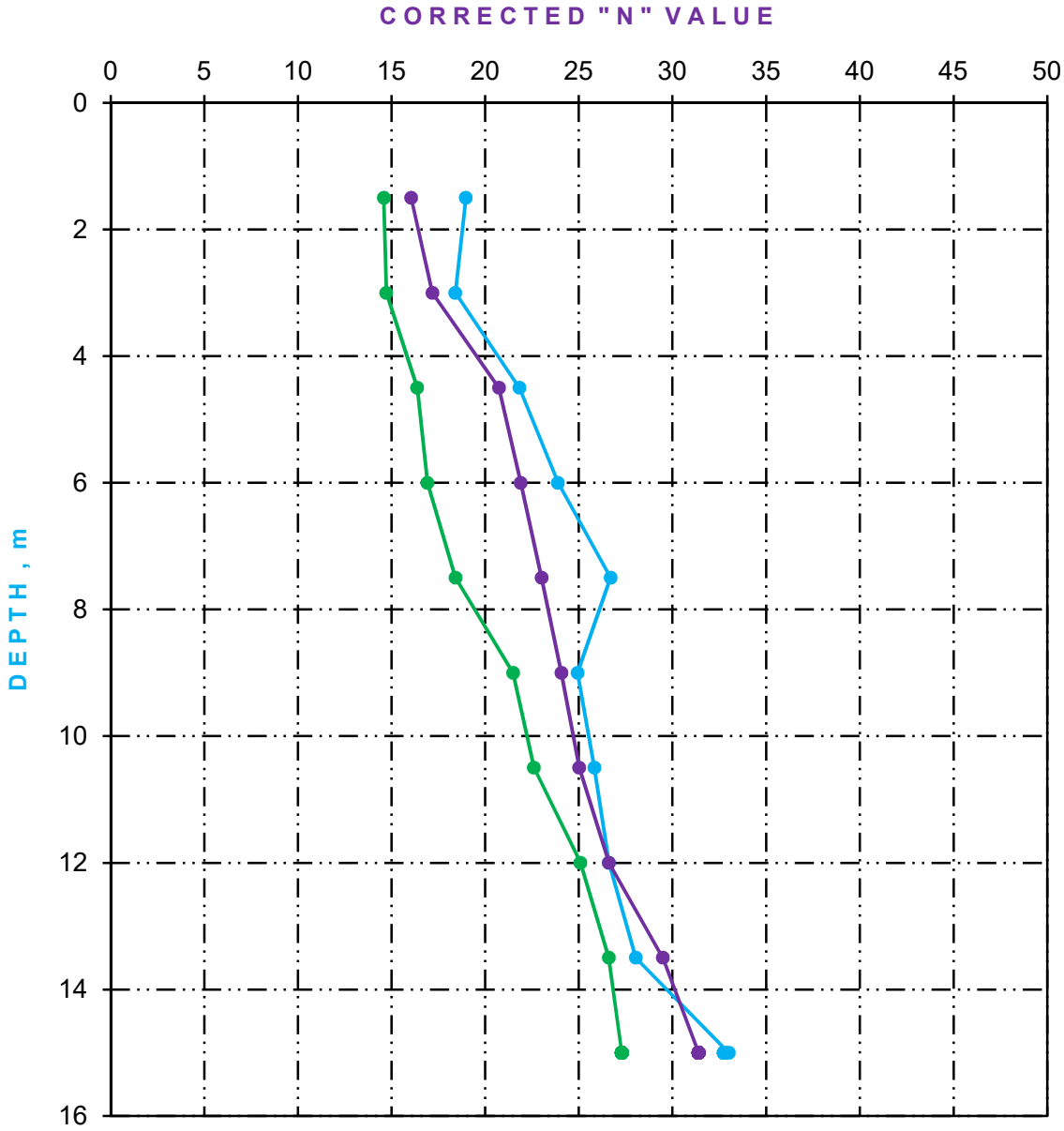
STANDARD PENETRATION TEST



LEGEND	
Symbol	**BH.No.**
	BH-13
	BH-14
	BH-15

PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

STANDARD PENETRATION TEST



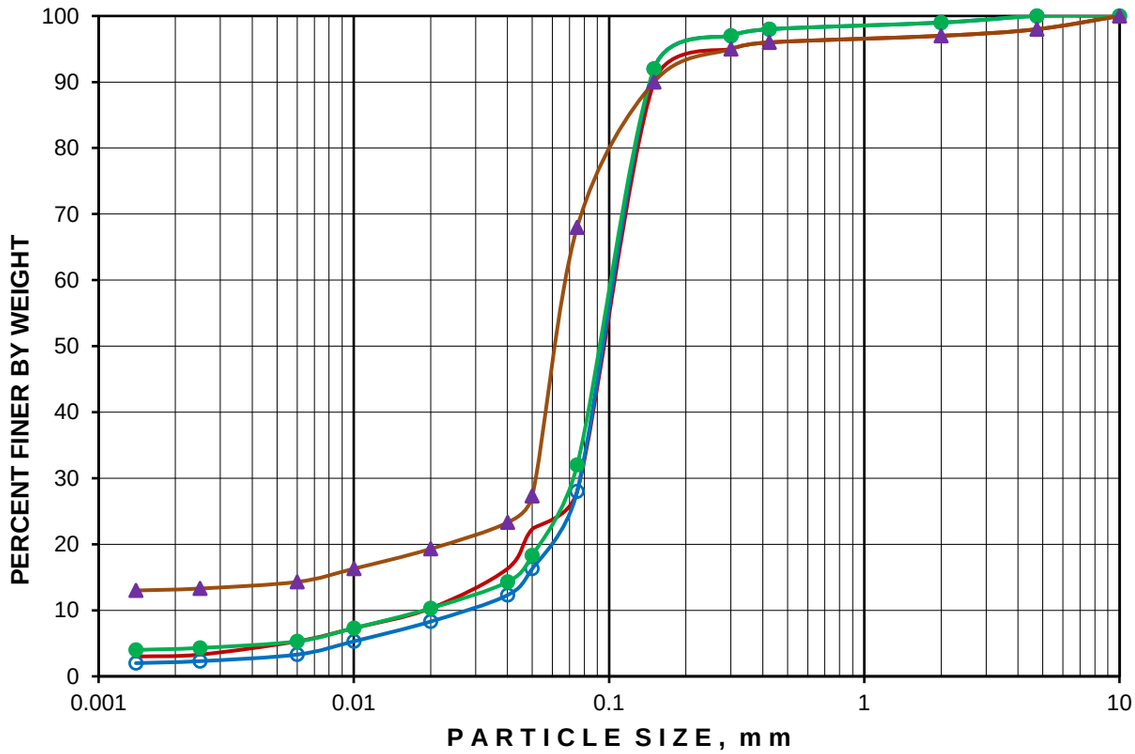
LEGEND	
Symbol	**BH.No.**
	BH-16
	BH-17
	BH-18

PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. *GEOTECHNICAL CONSULTANTS*	Fig. 28

GRAIN SIZE ANALYSIS	ISO/IEC 17025:2017 Certified Laboratory (NABL)	NABL ACCREDITED TC-8543

CLAY	SILT	SAND			GRAVEL
		FINE	MEDIUM	COARSE	



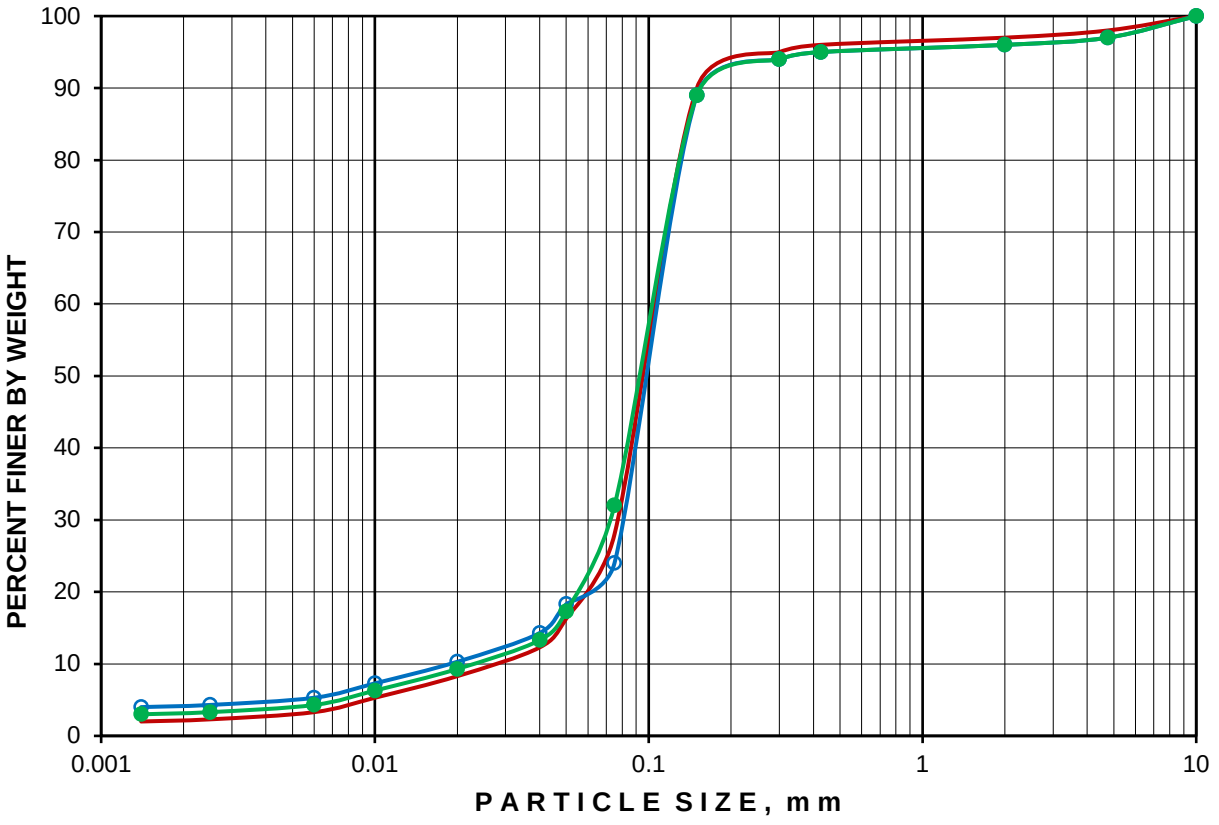
SYMBOL	BH.NO / DEPTH.	DESCRIPTION	GRAVEL %	SAND %	SILT %	CLAY %
	1/1.50	Silty Sand (SM)	2	70	25	3
	1/6.00	Silty Sand (SM)	0	72	26	2
	1/12.00	Silty Sand (SM)	0	68	28	4
	1/23.25	Sandy Silt (CL)	2	30	55	13

GRAIN SIZE ANALYSIS

PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

GRAIN SIZE ANALYSIS

CLAY	SILT	SAND			GRAVEL
		FINE	MEDIUM	COARSE	



SYMBOL	BH.NO / DEPTH.	DESCRIPTION	GRAVEL %	SAND %	SILT %	CLAY %
	1/22.25	Silty Sand (SM)	2	70	26	2
	1/35.25	Silty Sand (SM)	3	73	20	4
	1/42.00	Silty Sand (SM)	3	65	29	3

GRAIN SIZE ANALYSIS

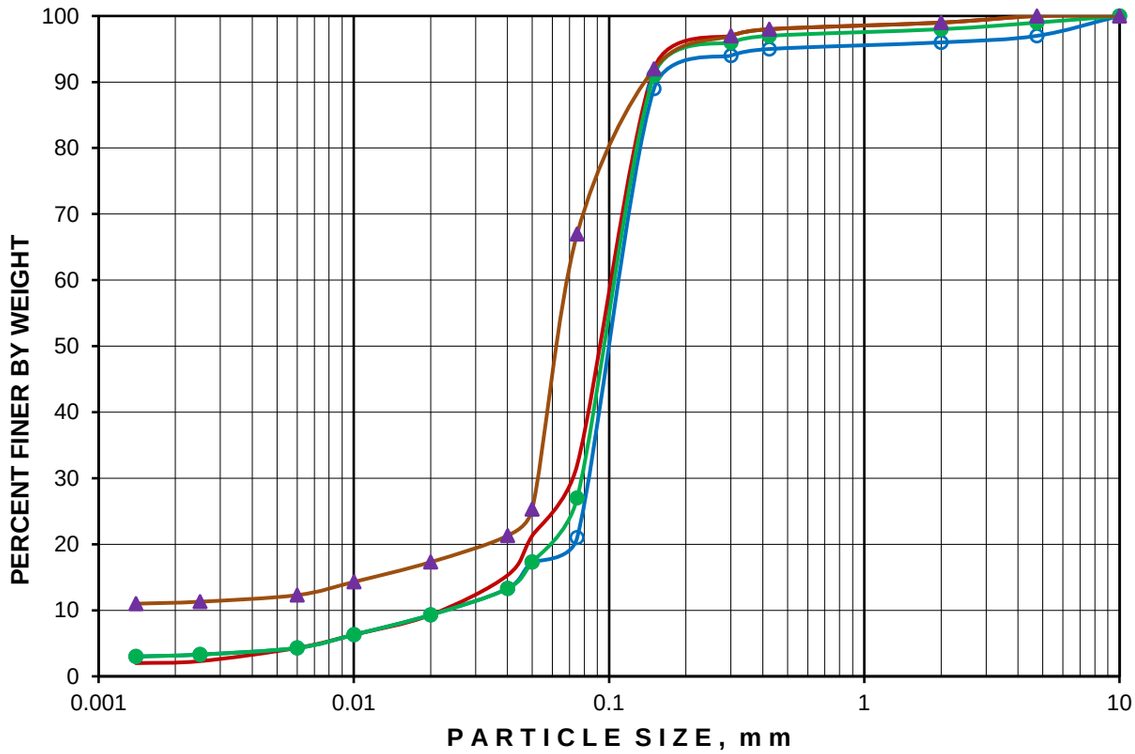
PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

GRAIN SIZE ANALYSIS

ISO/IEC 17025:2017 Certified Laboratory (NABL)

NABL ACCREDITED TC-8543

CLAY	SILT	SAND			GRAVEL
		FINE	MEDIUM	COARSE	



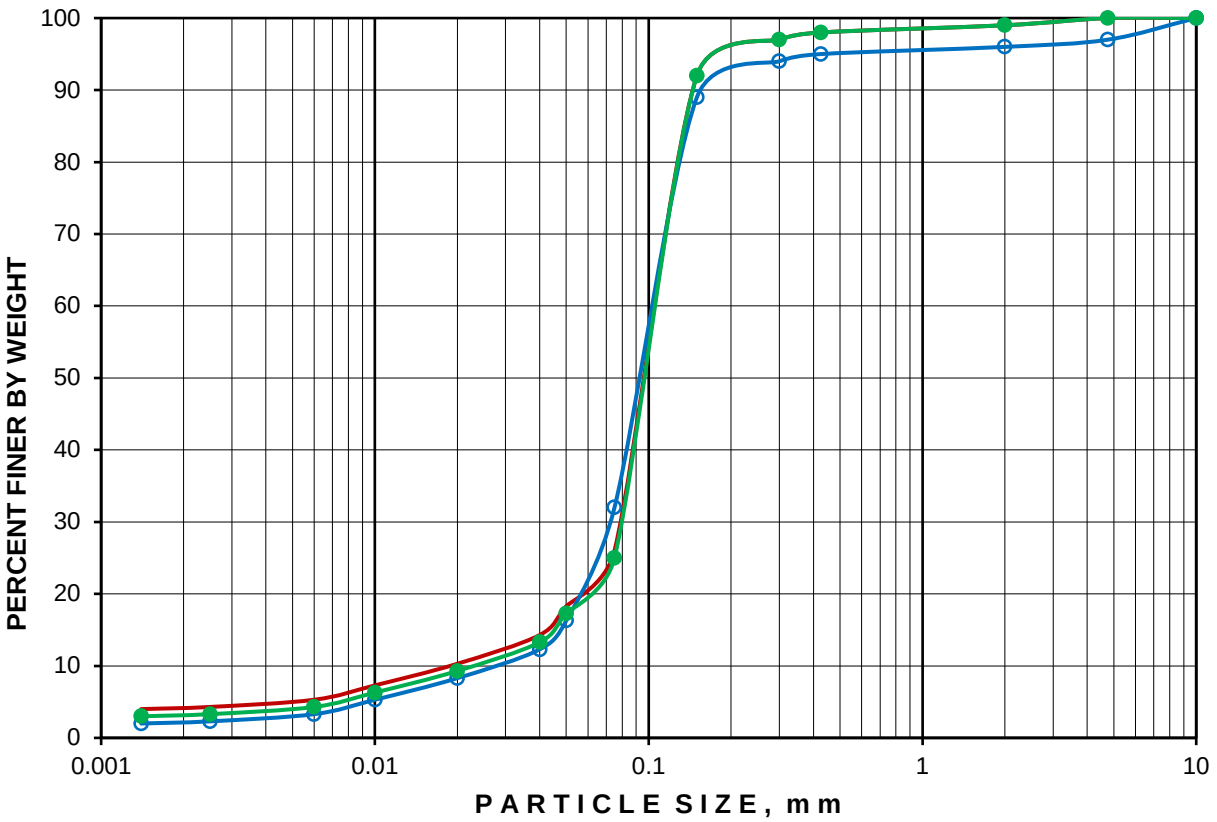
SYMBOL	BH.NO / DEPTH.	DESCRIPTION	GRAVEL %	SAND %	SILT %	CLAY %
	2/1.50	Silty Sand (SM)	0	68	30	2
	2/6.00	Silty Sand (SM)	3	76	18	3
	2/12.00	Silty Sand (SM)	1	72	24	3
	2/23.25	Sandy Silt (CL)	0	33	56	11

GRAIN SIZE ANALYSIS

PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

GRAIN SIZE ANALYSIS

CLAY	SILT	SAND			GRAVEL
		FINE	MEDIUM	COARSE	



SYMBOL	BH.NO / DEPTH.	DESCRIPTION	GRAVEL %	SAND %	SILT %	CLAY %
	2/30.00	Silty Sand (SM)	0	74	22	4
	2/38.25	Silty Sand (SM)	3	65	30	2
	2/42.00	Silty Sand (SM)	0	75	22	3

GRAIN SIZE ANALYSIS

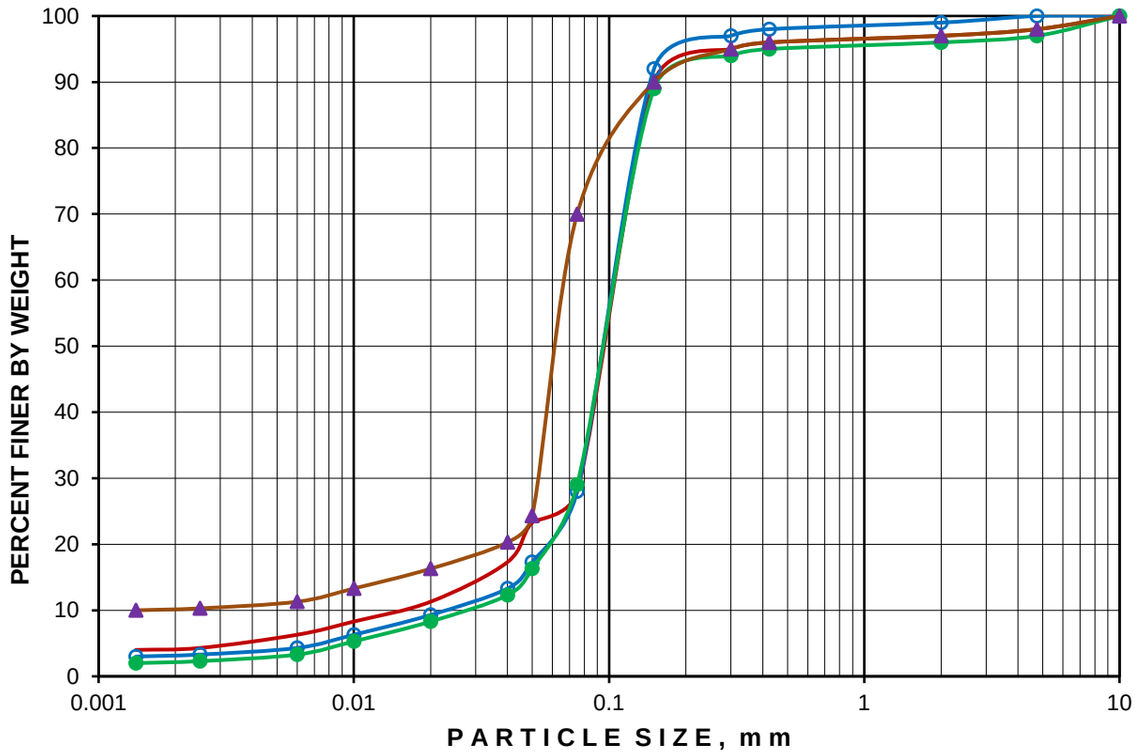
PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

GRAIN SIZE ANALYSIS

ISO/IEC 17025:2017 Certified Laboratory (NABL)

NABL ACCREDITED TC-8543

CLAY	SILT	SAND			GRAVEL
		FINE	MEDIUM	COARSE	



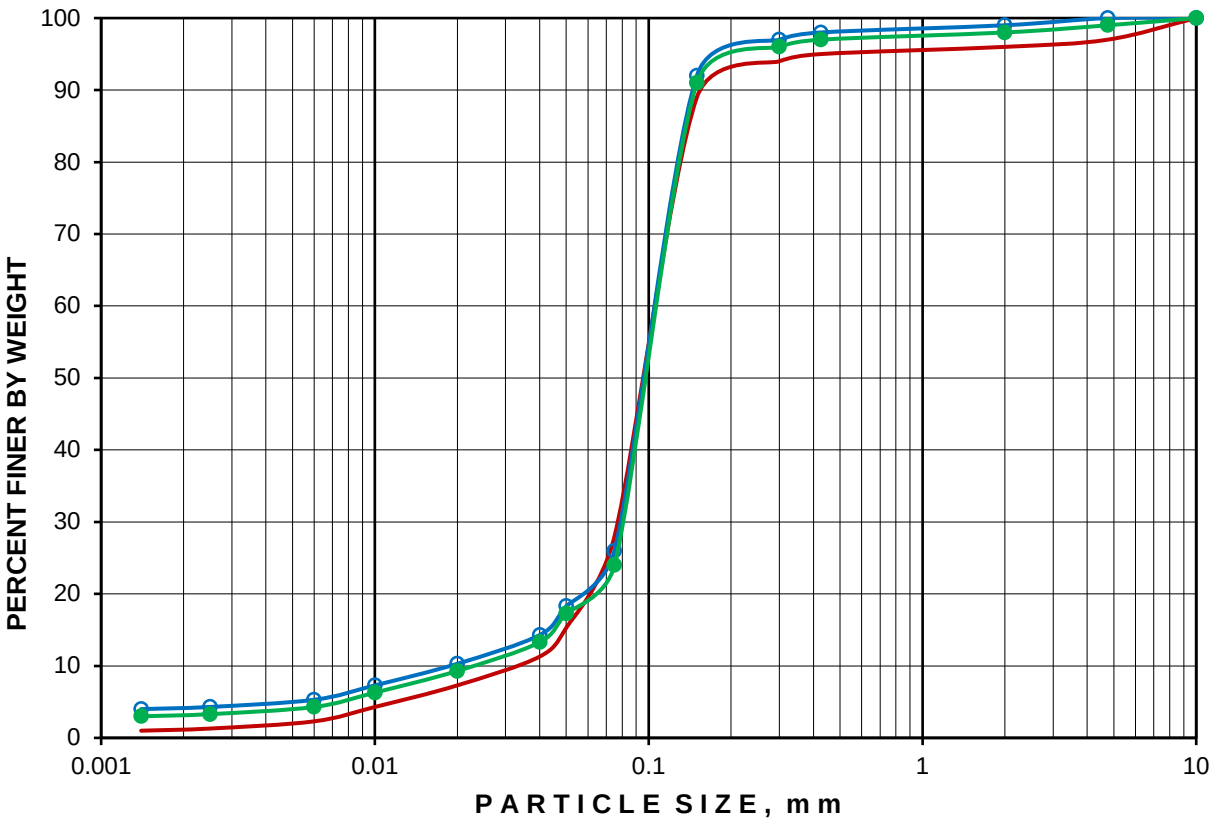
SYMBOL	BH.NO / DEPTH.	DESCRIPTION	GRAVEL %	SAND %	SILT %	CLAY %
	3/1.50	Silty Sand (SM)	2	70	24	4
	3/6.00	Silty Sand (SM)	0	72	25	3
	3/12.00	Silty Sand (SM)	3	68	27	2
	3/23.25	Sandy Silt (CL)	2	28	60	10

GRAIN SIZE ANALYSIS

PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

GRAIN SIZE ANALYSIS

CLAY	SILT	SAND			GRAVEL
		FINE	MEDIUM	COARSE	



SYMBOL	BH.NO / DEPTH.	DESCRIPTION	GRAVEL %	SAND %	SILT %	CLAY %
	3/30.00	Silty Sand (SM)	3	69	27	1
	3/38.25	Silty Sand (SM)	0	74	22	4
	3/42.00	Silty Sand (SM)	1	75	21	3

GRAIN SIZE ANALYSIS

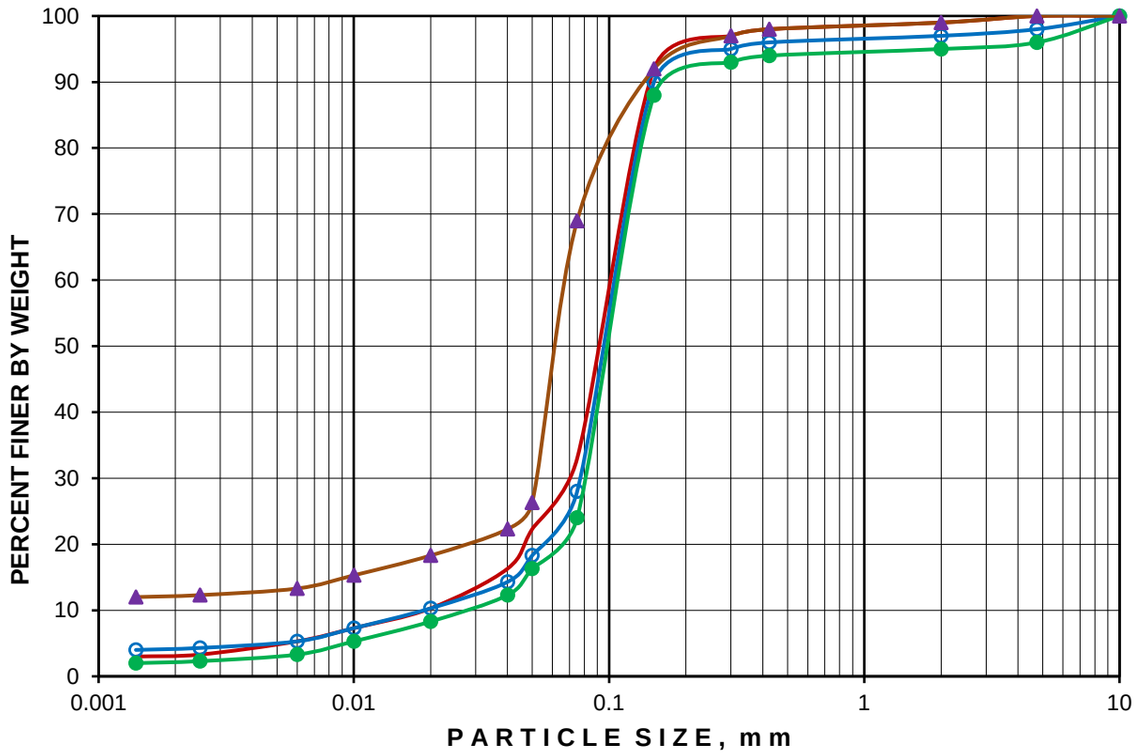
PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

GRAIN SIZE ANALYSIS

ISO/IEC 17025:2017 Certified Laboratory (NABL)

NABL ACCREDITED TC-8543

CLAY	SILT	SAND			GRAVEL
		FINE	MEDIUM	COARSE	



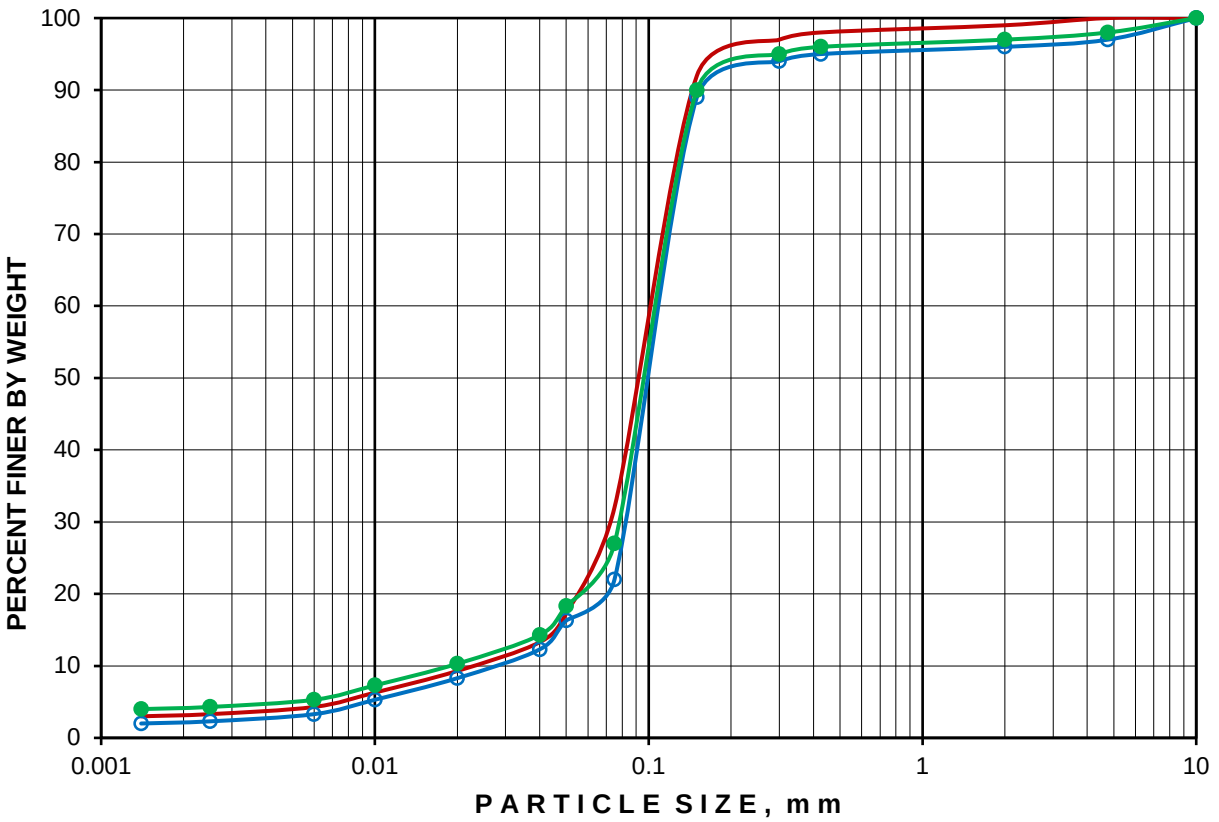
SYMBOL	BH.NO / DEPTH.	DESCRIPTION	GRAVEL %	SAND %	SILT %	CLAY %
	4/2.25	Silty Sand (SM)	0	67	30	3
	4/9.00	Silty Sand (SM)	2	70	24	4
	4/13.50	Silty Sand (SM)	4	72	22	2
	4/23.25	Sandy Silt (CL)	0	31	57	12

GRAIN SIZE ANALYSIS

PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

GRAIN SIZE ANALYSIS

CLAY	SILT	SAND			GRAVEL
		FINE	MEDIUM	COARSE	



SYMBOL	BH.NO / DEPTH.	DESCRIPTION	GRAVEL %	SAND %	SILT %	CLAY %
	4/29.25	Silty Sand (SM)	0	68	29	3
	4/38.25	Silty Sand (SM)	3	75	20	2
	4/44.25	Silty Sand (SM)	2	71	23	4

GRAIN SIZE ANALYSIS

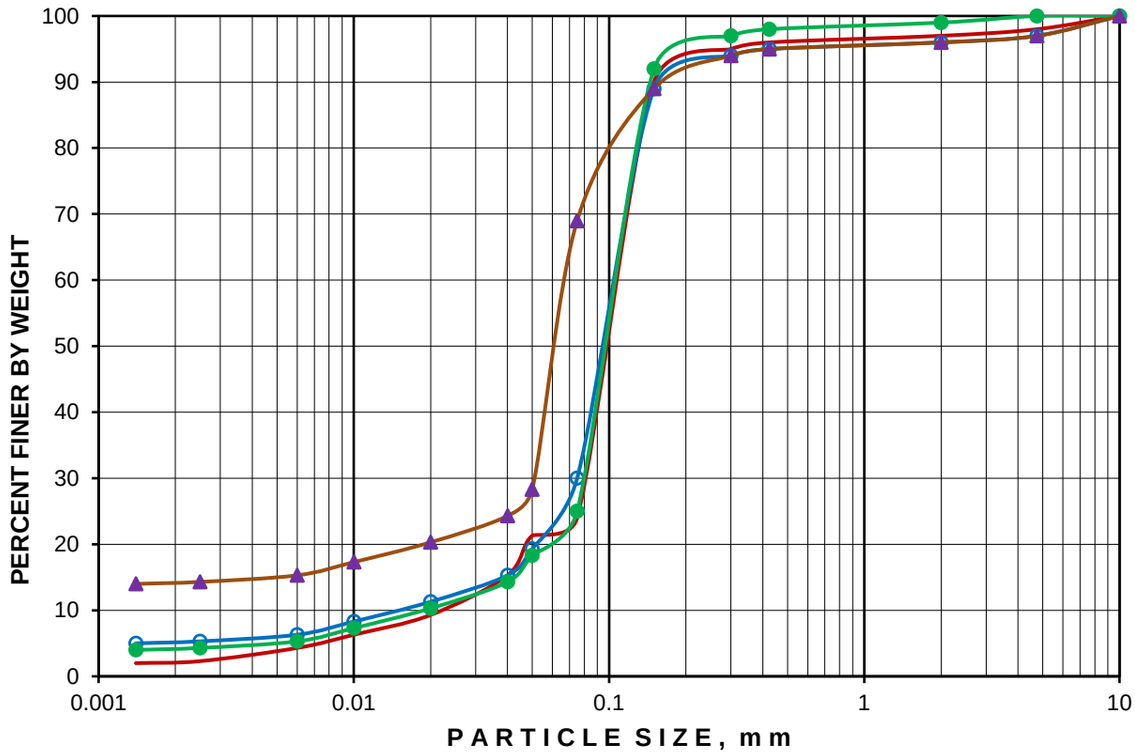
PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

GRAIN SIZE ANALYSIS

ISO/IEC 17025:2017 Certified Laboratory (NABL)

NABL ACCREDITED TC-8543

CLAY	SILT	SAND			GRAVEL
		FINE	MEDIUM	COARSE	



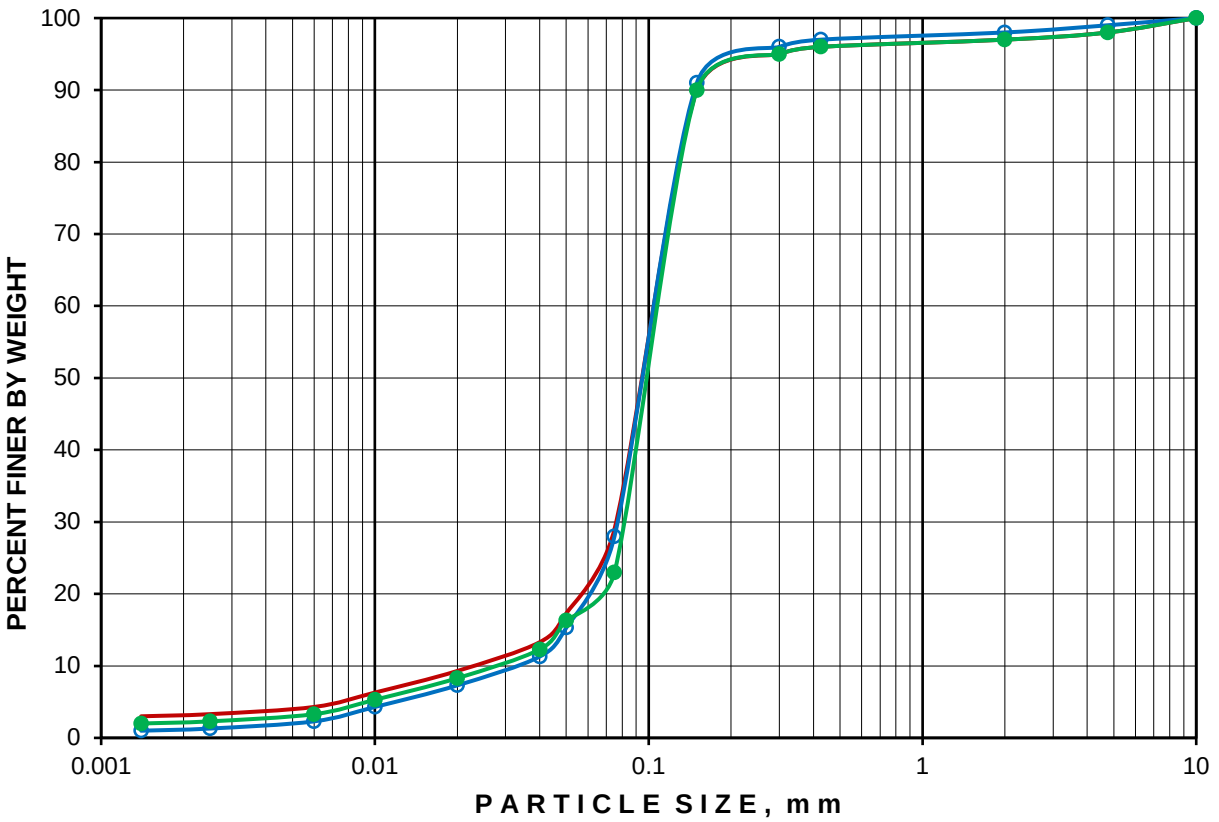
SYMBOL	BH.NO / DEPTH.	DESCRIPTION	GRAVEL %	SAND %	SILT %	CLAY %
	5/2.25	Silty Sand (SM)	2	74	22	2
	5/9.00	Silty Sand (SM)	3	67	25	5
	5/13.50	Silty Sand (SM)	0	75	21	4
	5/23.25	Sandy Silt (CL)	3	28	55	14

GRAIN SIZE ANALYSIS

PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

GRAIN SIZE ANALYSIS

CLAY	SILT	SAND			GRAVEL
		FINE	MEDIUM	COARSE	



SYMBOL	BH.NO / DEPTH.	DESCRIPTION	GRAVEL %	SAND %	SILT %	CLAY %
	5/29.25	Silty Sand (SM)	2	69	26	3
	5/38.25	Silty Sand (SM)	1	71	27	1
	5/44.25	Silty Sand (SM)	2	75	21	2

GRAIN SIZE ANALYSIS

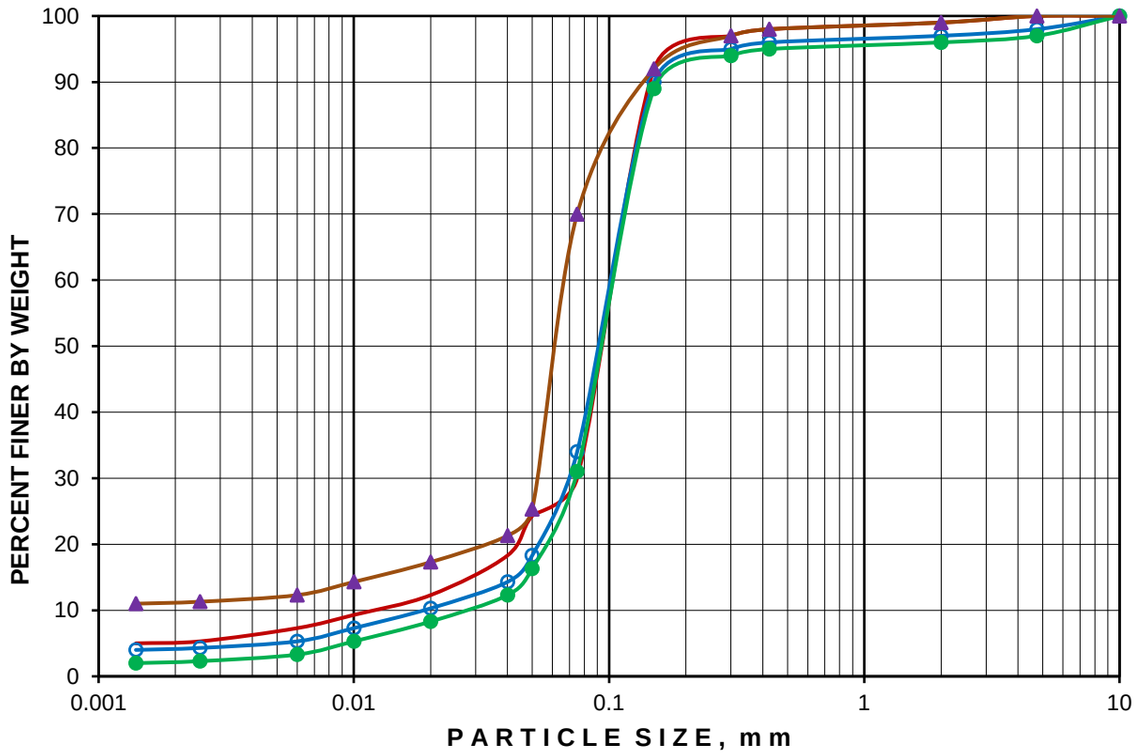
PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

GRAIN SIZE ANALYSIS

ISO/IEC 17025:2017 Certified Laboratory (NABL)

NABL ACCREDITED TC-8543

CLAY	SILT	SAND			GRAVEL
		FINE	MEDIUM	COARSE	



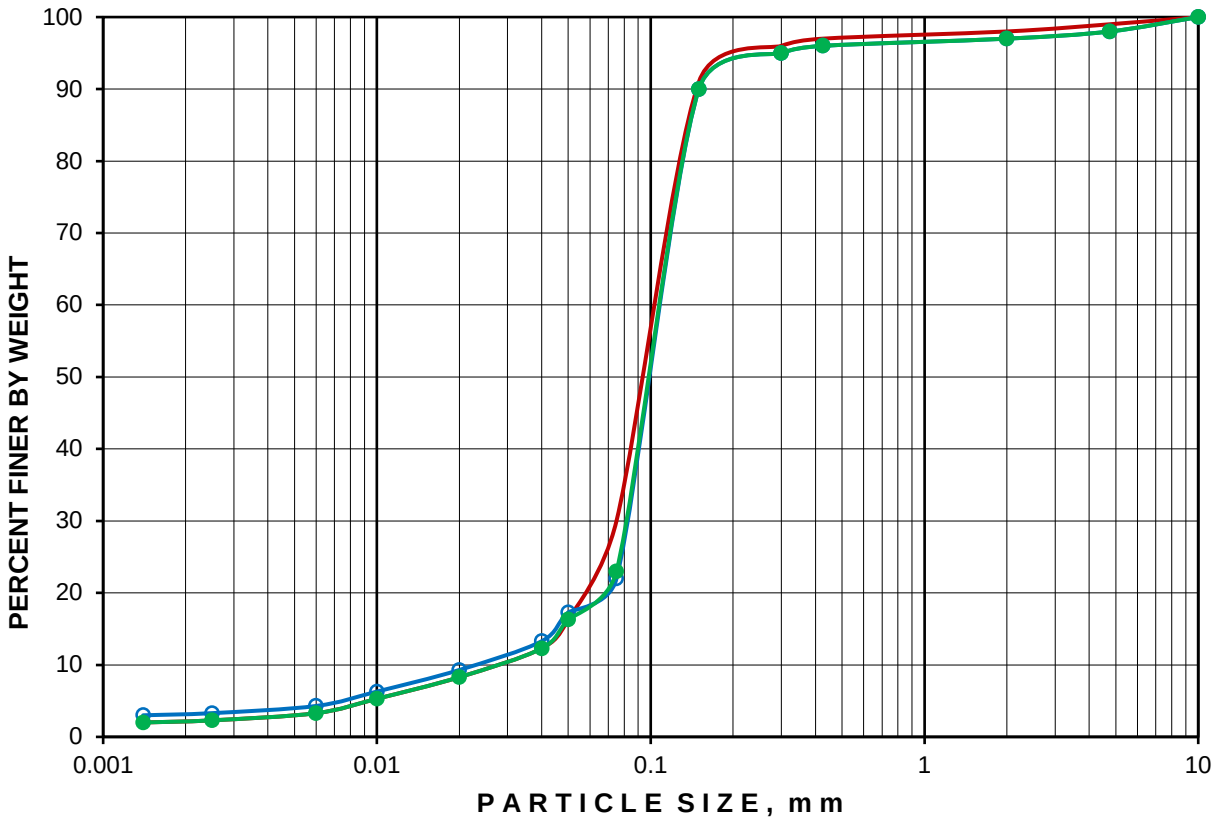
SYMBOL	BH.NO / DEPTH.	DESCRIPTION	GRAVEL %	SAND %	SILT %	CLAY %
	6/2.25	Silty Sand (SM)	0	70	25	5
	6/9.00	Silty Sand (SM)	2	64	30	4
	6/13.50	Silty Sand (SM)	3	66	29	2
	6/23.25	Sandy Silt (CL)	0	30	59	11

GRAIN SIZE ANALYSIS

PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

GRAIN SIZE ANALYSIS

CLAY	SILT	SAND			GRAVEL
		FINE	MEDIUM	COARSE	



SYMBOL	BH.NO / DEPTH.	DESCRIPTION	GRAVEL %	SAND %	SILT %	CLAY %
	6/29.25	Silty Sand (SM)	1	69	28	2
	6/38.25	Silty Sand (SM)	2	76	19	3
	6/44.25	Silty Sand (SM)	2	75	21	2

GRAIN SIZE ANALYSIS

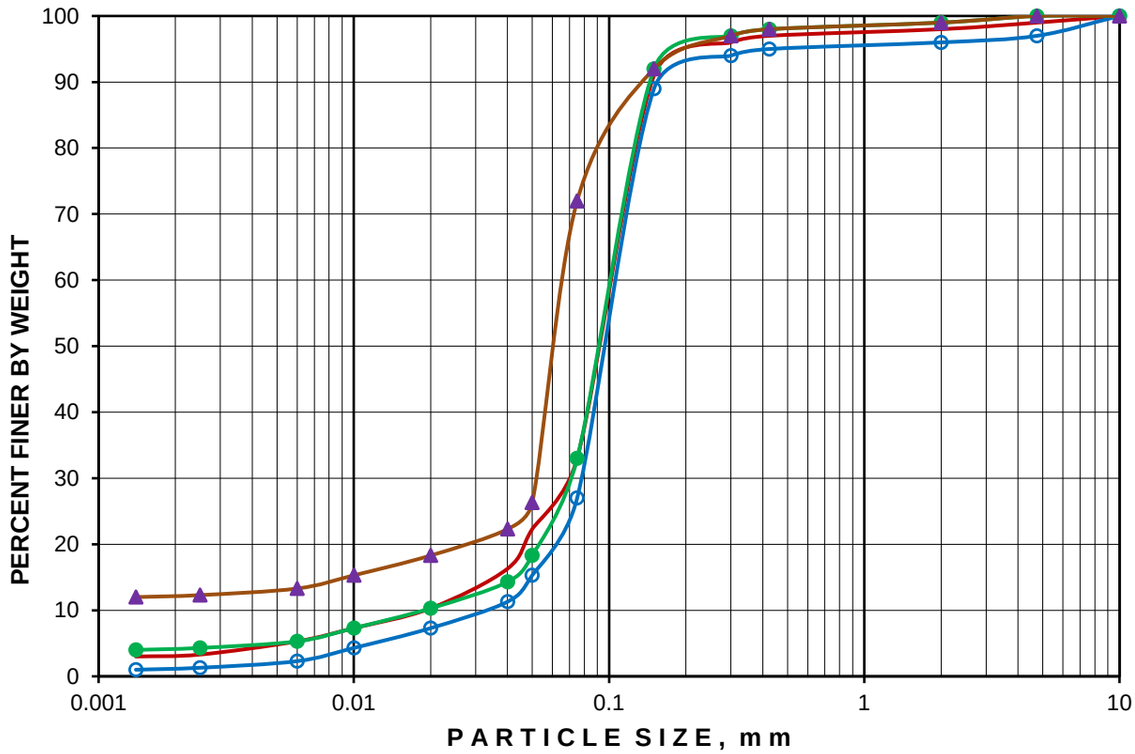
PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

GRAIN SIZE ANALYSIS

ISO/IEC 17025:2017 Certified Laboratory (NABL)

NABL ACCREDITED TC-8543

CLAY	SILT	SAND			GRAVEL
		FINE	MEDIUM	COARSE	



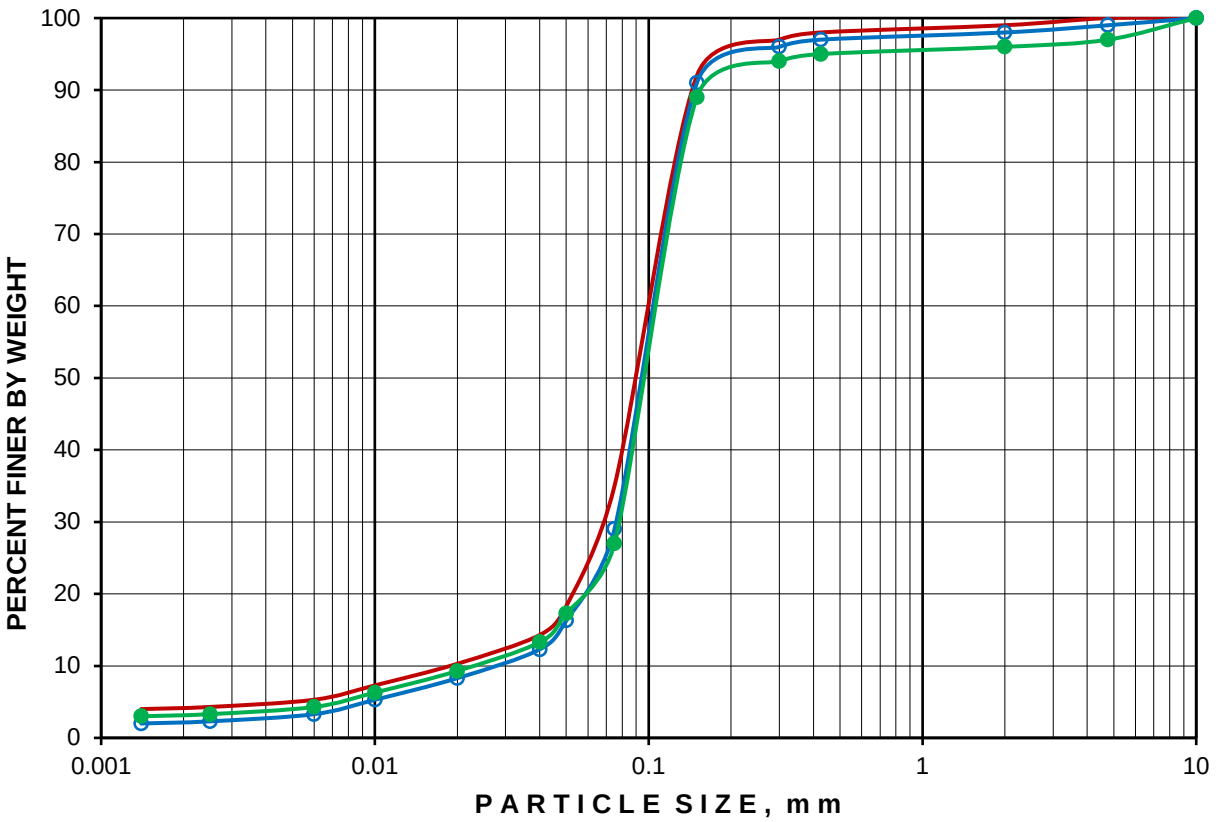
SYMBOL	BH.NO / DEPTH.	DESCRIPTION	GRAVEL %	SAND %	SILT %	CLAY %
	7/2.25	Silty Sand (SM)	1	66	30	3
	7/9.00	Silty Sand (SM)	3	70	26	1
	7/13.50	Silty Sand (SM)	0	67	29	4
	7/23.25	Sandy Silt (CL)	0	28	60	12

GRAIN SIZE ANALYSIS

PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

GRAIN SIZE ANALYSIS

CLAY	SILT	SAND			GRAVEL
		FINE	MEDIUM	COARSE	



SYMBOL	BH.NO / DEPTH.	DESCRIPTION	GRAVEL %	SAND %	SILT %	CLAY %
	7/29.25	Silty Sand (SM)	0	65	31	4
	7/36.00	Silty Sand (SM)	1	70	27	2
	7/42.00	Silty Sand (SM)	3	70	24	3

GRAIN SIZE ANALYSIS

PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

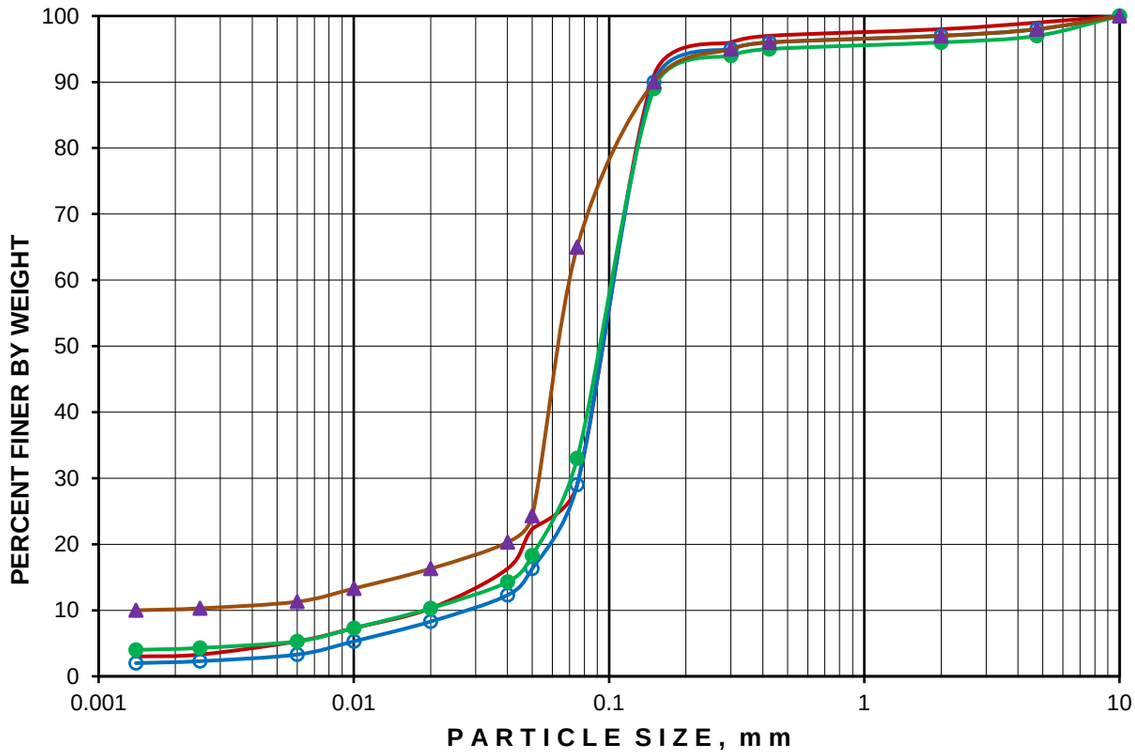
	UV GLOBAL GEO SOLUTIONS PVT. LTD. *GEOTECHNICAL CONSULTANTS*	Fig.42

GRAIN SIZE ANALYSIS

ISO/IEC 17025:2017 Certified Laboratory (NABL)

NABL ACCREDITED
TC-8543

CLAY	SILT	SAND			GRAVEL
		FINE	MEDIUM	COARSE	



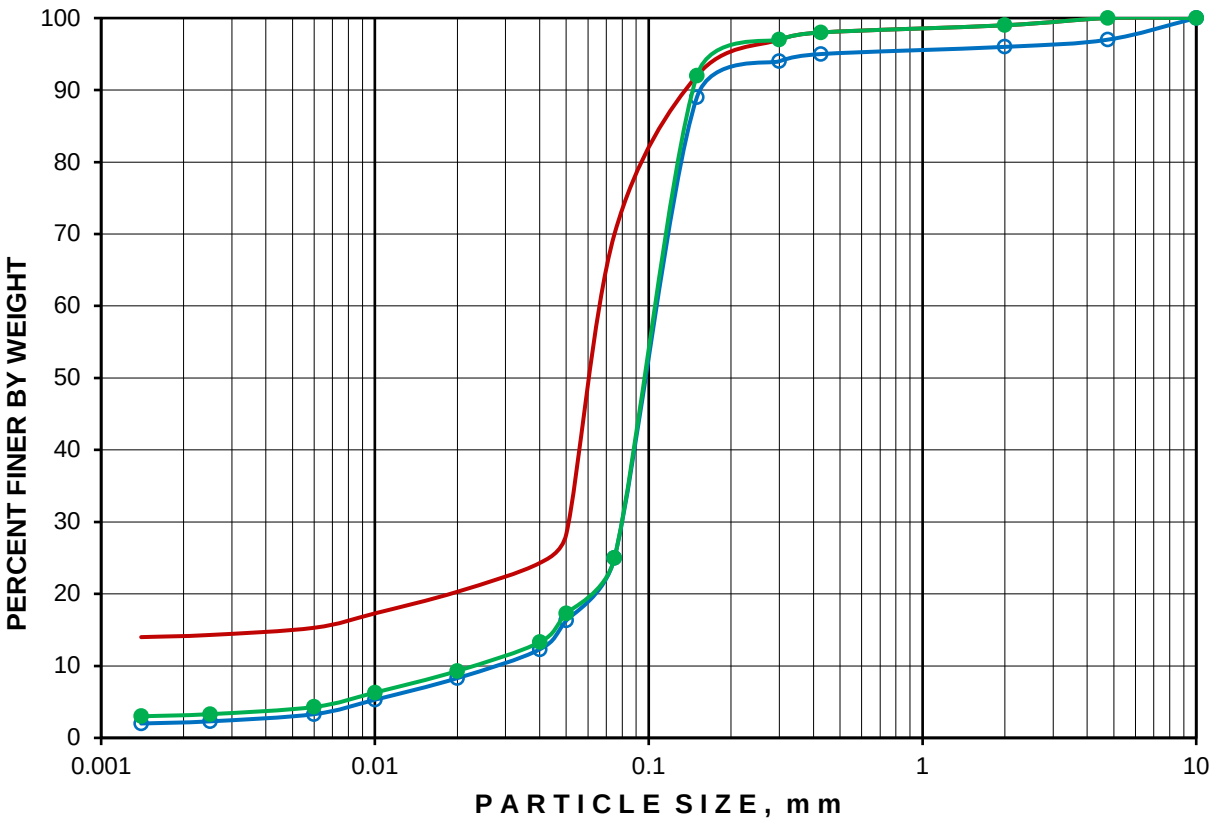
SYMBOL	BH.NO / DEPTH.	DESCRIPTION	GRAVEL %	SAND %	SILT %	CLAY %
	8/2.25	Silty Sand (SM)	1	70	26	3
	8/9.00	Silty Sand (SM)	2	69	27	2
	8/11.25	Silty Sand (SM)	3	64	29	4
	8/17.25	Sandy Silt (CL)	2	33	55	10

GRAIN SIZE ANALYSIS

PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

GRAIN SIZE ANALYSIS

CLAY	SILT	SAND			GRAVEL
		FINE	MEDIUM	COARSE	



SYMBOL	BH.NO / DEPTH.	DESCRIPTION	GRAVEL %	SAND %	SILT %	CLAY %
	8/32.25	Sandy Silt (CL)	0	30	56	14
	8/38.25	Silty Sand (SM)	3	72	23	2
	8/44.25	Silty Sand (SM)	0	75	22	3

GRAIN SIZE ANALYSIS

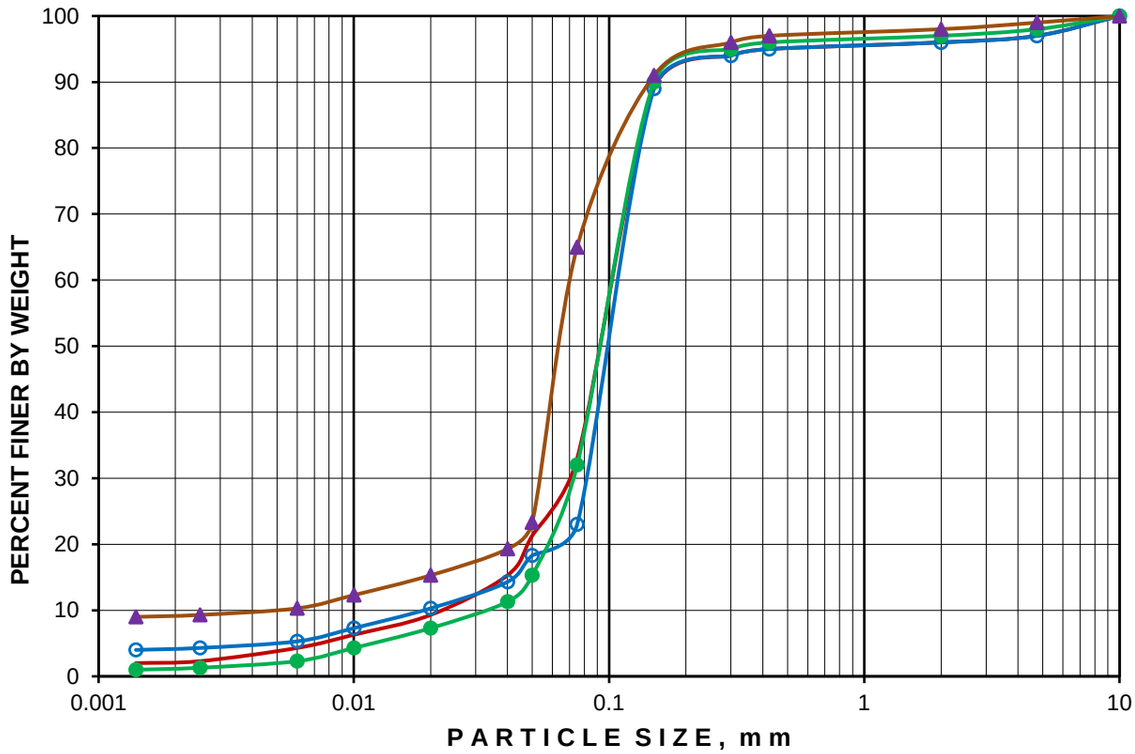
PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

GRAIN SIZE ANALYSIS

ISO/IEC 17025:2017 Certified Laboratory (NABL)

NABL ACCREDITED TC-8543

CLAY	SILT	SAND			GRAVEL
		FINE	MEDIUM	COARSE	



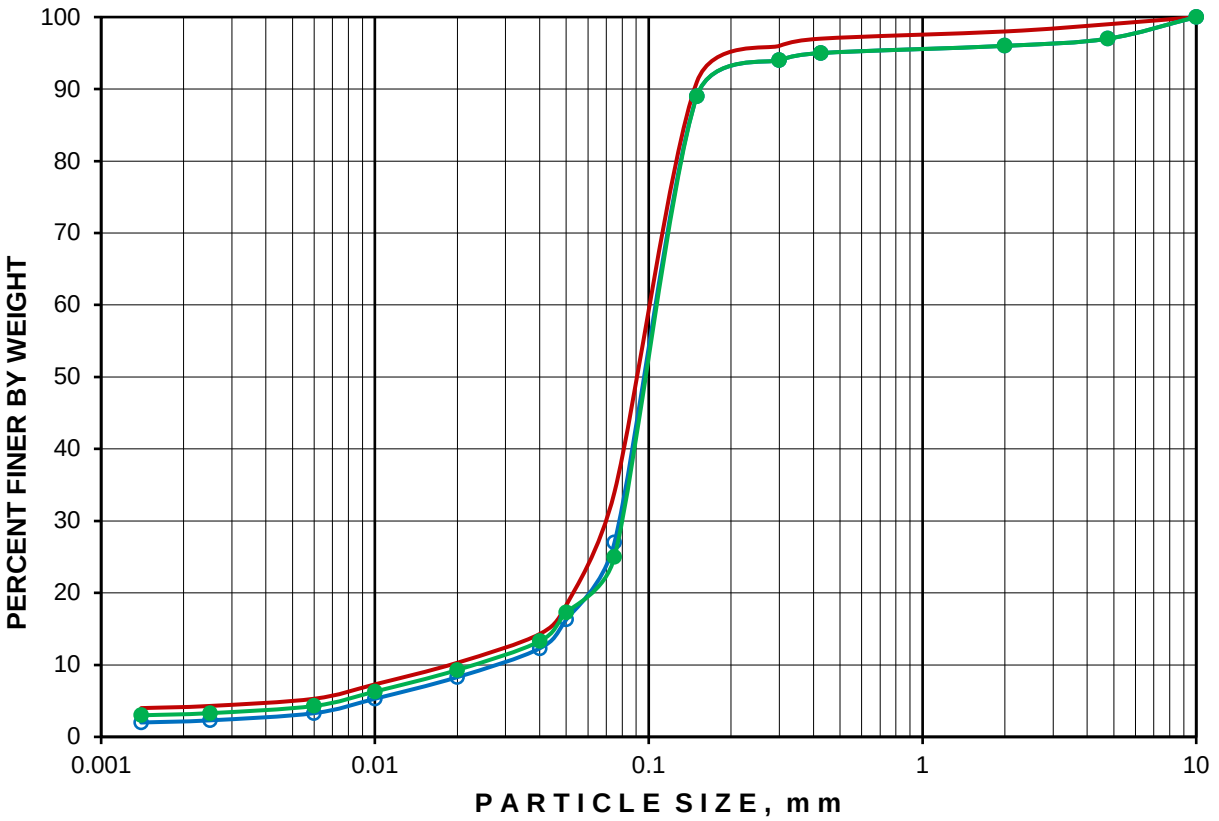
SYMBOL	BH.NO / DEPTH.	DESCRIPTION	GRAVEL %	SAND %	SILT %	CLAY %
	9/2.25	Silty Sand (SM)	3	64	31	2
	9/9.00	Silty Sand (SM)	3	74	19	4
	9/11.25	Silty Sand (SM)	2	66	31	1
	9/24.00	Sandy Silt (CL)	1	34	56	9

GRAIN SIZE ANALYSIS

PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

GRAIN SIZE ANALYSIS

CLAY	SILT	SAND			GRAVEL
		FINE	MEDIUM	COARSE	



SYMBOL	BH.NO / DEPTH.	DESCRIPTION	GRAVEL %	SAND %	SILT %	CLAY %
	9/32.25	Silty Sand (SM)	1	65	30	4
	9/38.25	Silty Sand (SM)	3	70	25	2
	9/44.25	Silty Sand (SM)	3	72	22	3

GRAIN SIZE ANALYSIS

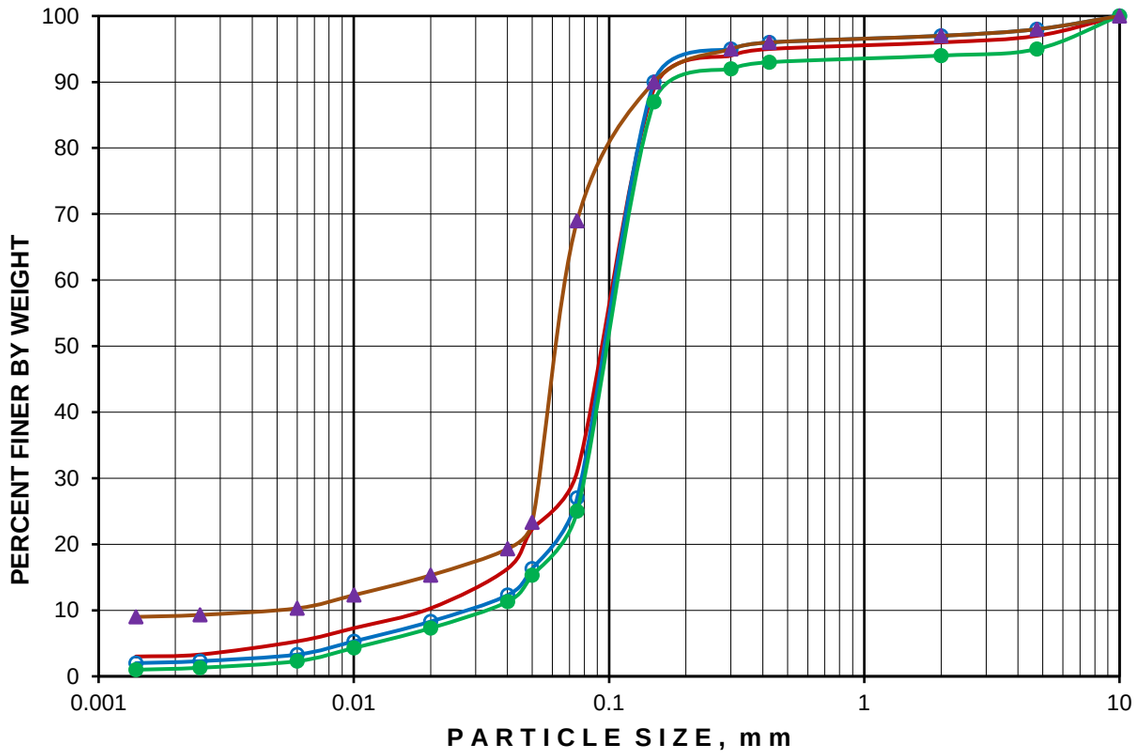
PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

GRAIN SIZE ANALYSIS

ISO/IEC 17025:2017 Certified Laboratory (NABL)

NABL ACCREDITED TC-8543

CLAY	SILT	SAND			GRAVEL
		FINE	MEDIUM	COARSE	



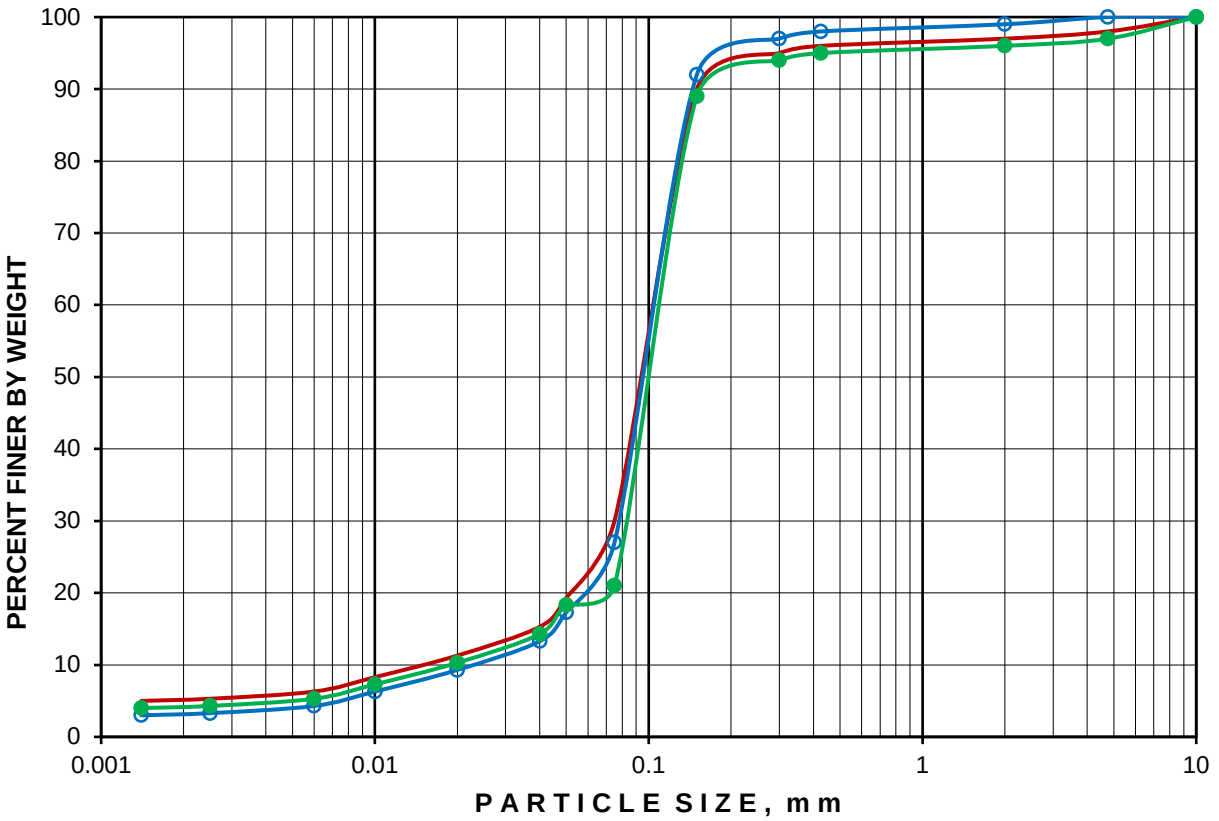
SYMBOL	BH.NO / DEPTH.	DESCRIPTION	GRAVEL %	SAND %	SILT %	CLAY %
	10/2.25	Silty Sand (SM)	3	66	28	3
	10/9.00	Silty Sand (SM)	2	71	25	2
	10/11.25	Silty Sand (SM)	5	70	24	1
	10/21.00	Sandy Silt (CL)	2	29	60	9

GRAIN SIZE ANALYSIS

PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

GRAIN SIZE ANALYSIS

CLAY	SILT	SAND			GRAVEL
		FINE	MEDIUM	COARSE	



SYMBOL	BH.NO / DEPTH.	DESCRIPTION	GRAVEL %	SAND %	SILT %	CLAY %
	10/29.25	Silty Sand (SM)	2	68	25	5
	10/38.25	Silty Sand (SM)	0	73	24	3
	10/44.25	Silty Sand (SM)	3	76	17	4

GRAIN SIZE ANALYSIS

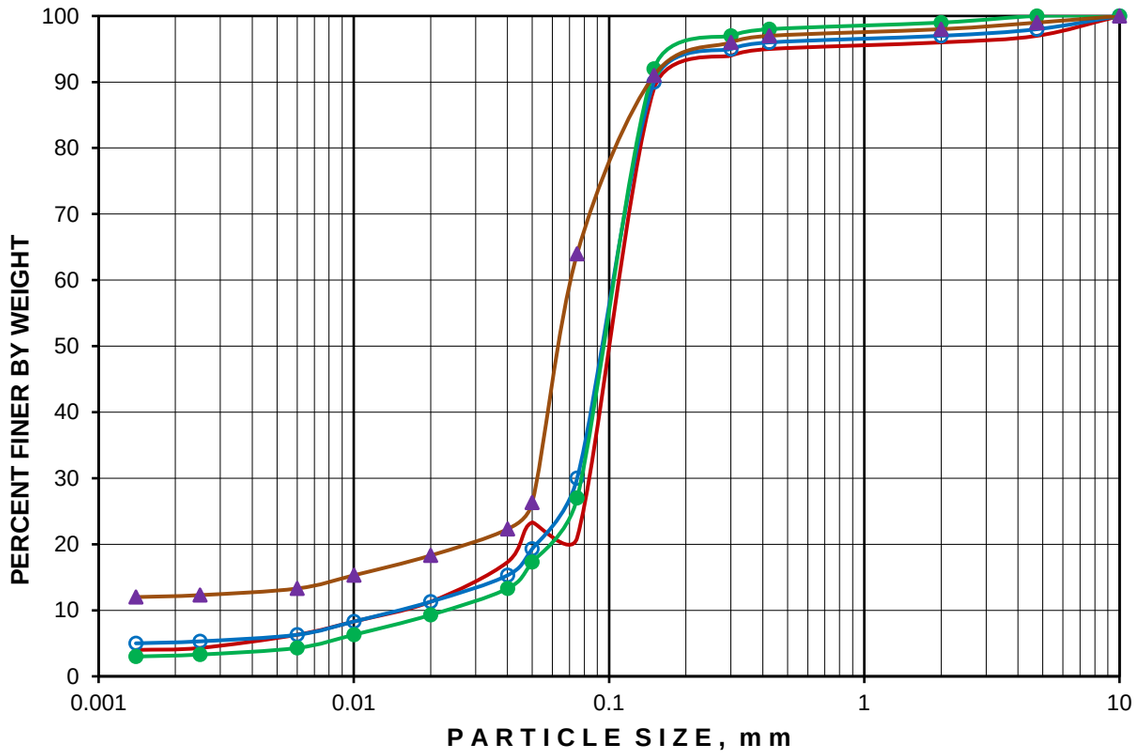
PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

GRAIN SIZE ANALYSIS

ISO/IEC 17025:2017 Certified Laboratory (NABL)

NABL ACCREDITED TC-8543

CLAY	SILT	SAND			GRAVEL
		FINE	MEDIUM	COARSE	



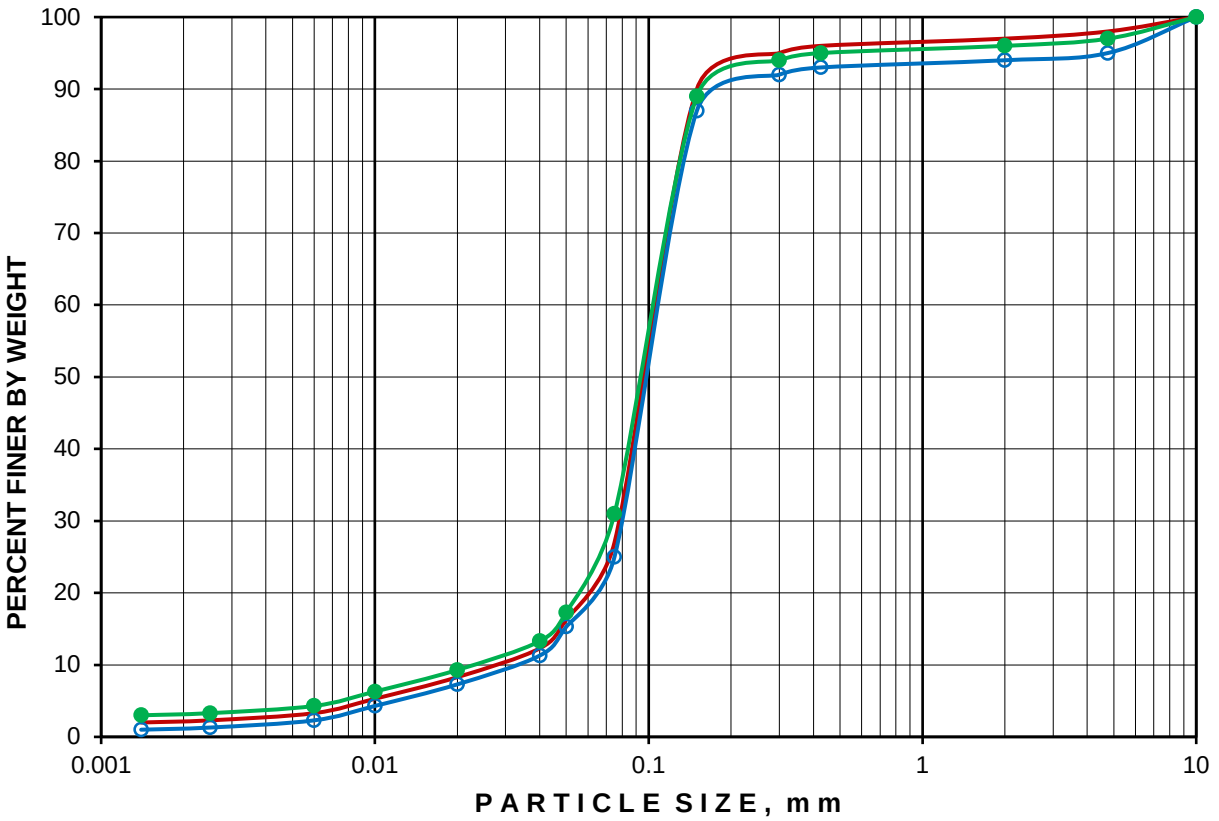
SYMBOL	BH.NO / DEPTH.	DESCRIPTION	GRAVEL %	SAND %	SILT %	CLAY %
	11/1.50	Silty Sand (SM)	3	76	17	4
	11/9.00	Silty Sand (SM)	2	68	25	5
	11/12.00	Silty Sand (SM)	0	73	24	3
	11/17.25	Sandy Silt (CL)	1	35	52	12

GRAIN SIZE ANALYSIS

PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

GRAIN SIZE ANALYSIS

CLAY	SILT	SAND			GRAVEL
		FINE	MEDIUM	COARSE	



SYMBOL	BH.NO / DEPTH.	DESCRIPTION	GRAVEL %	SAND %	SILT %	CLAY %
	11/29.25	Silty Sand (SM)	2	71	25	2
	11/38.25	Silty Sand (SM)	5	70	24	1
	11/44.25	Silty Sand (SM)	3	66	28	3

GRAIN SIZE ANALYSIS

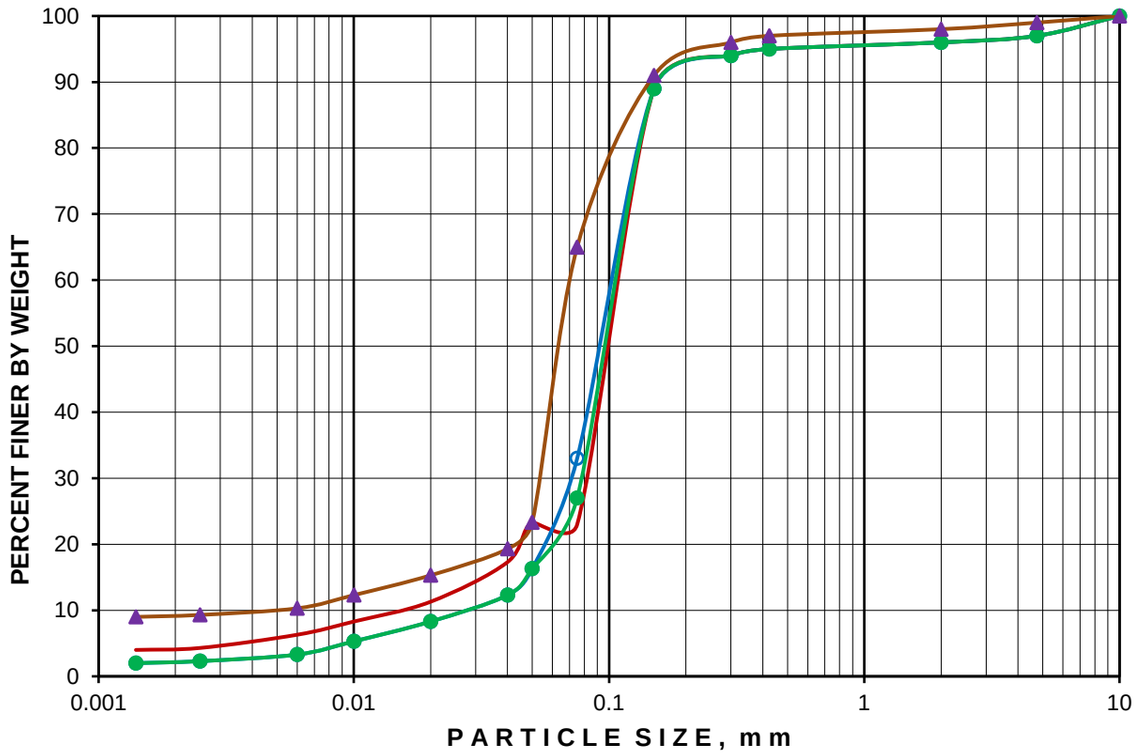
PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

GRAIN SIZE ANALYSIS

ISO/IEC 17025:2017 Certified Laboratory (NABL)

NABL ACCREDITED TC-8543

CLAY	SILT	SAND			GRAVEL
		FINE	MEDIUM	COARSE	



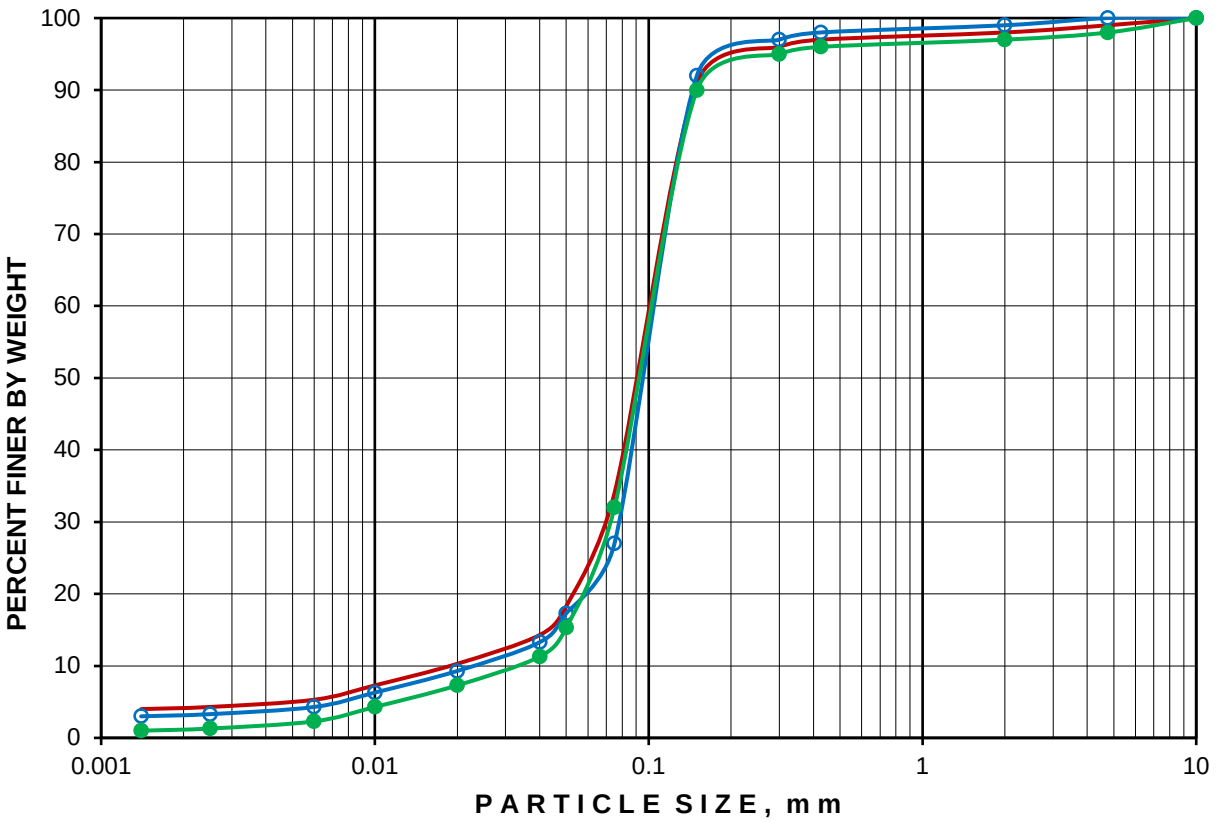
SYMBOL	BH.NO / DEPTH.	DESCRIPTION	GRAVEL %	SAND %	SILT %	CLAY %
	12/1.50	Silty Sand (SM)	3	74	19	4
	12/7.50	Silty Sand (SM)	3	64	31	2
	12/12.00	Silty Sand (SM)	3	70	25	2
	12/21.00	Sandy Silt (CL)	1	34	56	9

GRAIN SIZE ANALYSIS

PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

GRAIN SIZE ANALYSIS

CLAY	SILT	SAND			GRAVEL
		FINE	MEDIUM	COARSE	



SYMBOL	BH.NO / DEPTH.	DESCRIPTION	GRAVEL %	SAND %	SILT %	CLAY %
	12/29.25	Silty Sand (SM)	1	65	30	4
	12/38.25	Silty Sand (SM)	0	73	24	3
	12/44.25	Silty Sand (SM)	2	66	31	1

GRAIN SIZE ANALYSIS

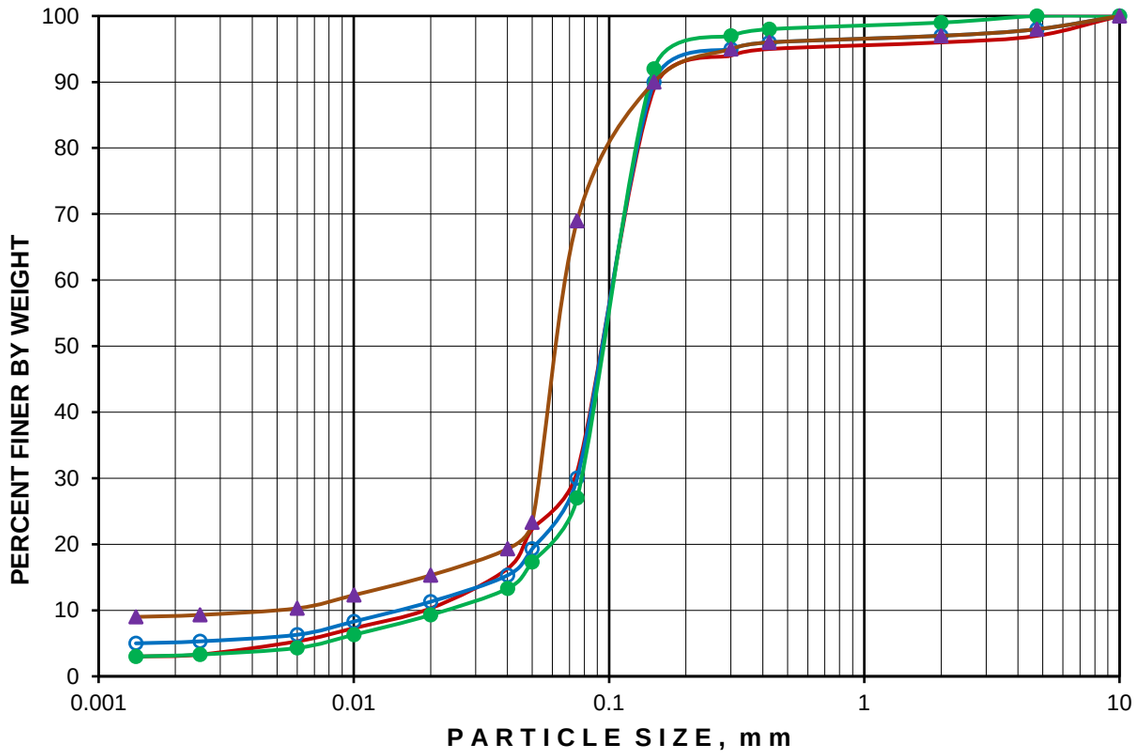
PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

GRAIN SIZE ANALYSIS

ISO/IEC 17025:2017 Certified Laboratory (NABL)

NABL ACCREDITED TC-8543

CLAY	SILT	SAND			GRAVEL
		FINE	MEDIUM	COARSE	



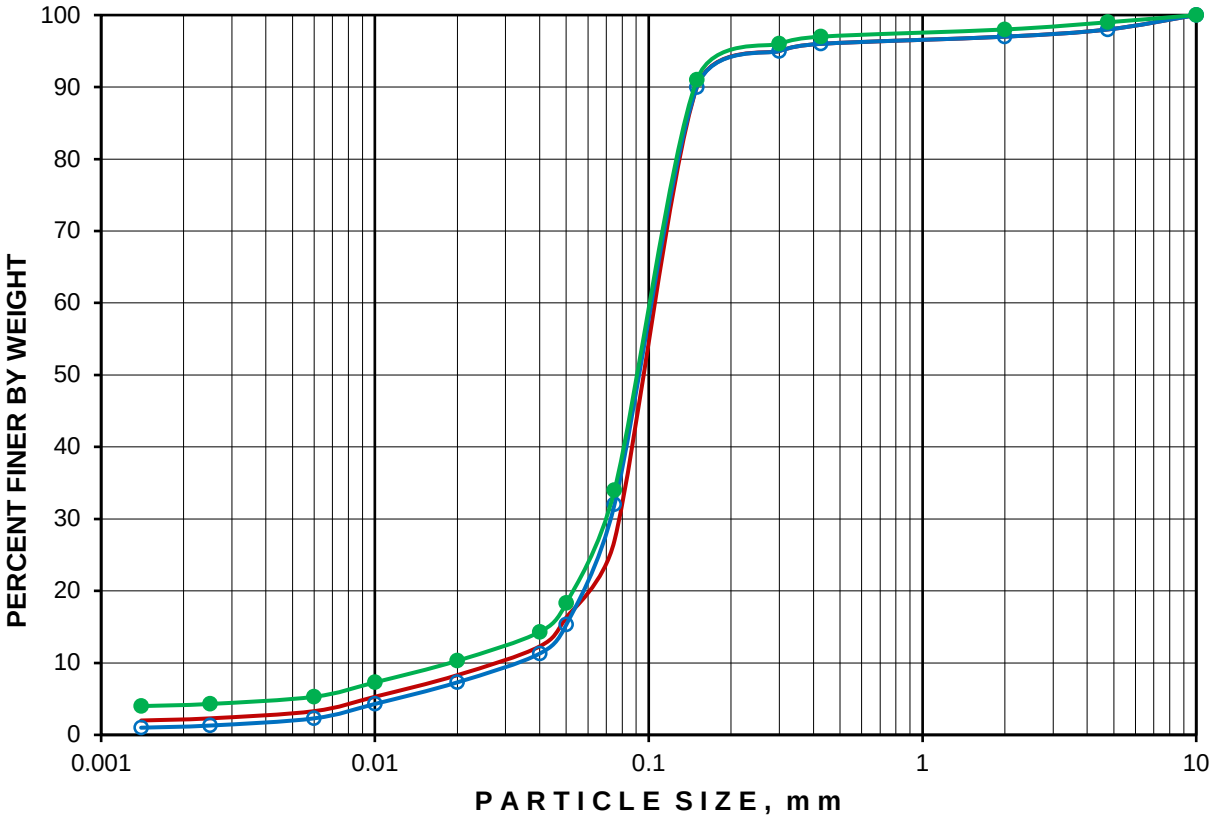
SYMBOL	BH.NO / DEPTH.	DESCRIPTION	GRAVEL %	SAND %	SILT %	CLAY %
	13/1.50	Silty Sand (SM)	3	66	28	3
	13/7.50	Silty Sand (SM)	2	68	25	5
	13/12.00	Silty Sand (SM)	0	73	24	3
	13/21.00	Sandy Silt (CL)	2	29	60	9

GRAIN SIZE ANALYSIS

PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

GRAIN SIZE ANALYSIS

CLAY	SILT	SAND			GRAVEL
		FINE	MEDIUM	COARSE	



SYMBOL	BH.NO / DEPTH.	DESCRIPTION	GRAVEL %	SAND %	SILT %	CLAY %
	13/30.00	Silty Sand (SM)	2	71	25	2
	13/38.25	Silty Sand (SM)	2	66	31	1
	13/45.00	Silty Sand (SM)	1	65	30	4

GRAIN SIZE ANALYSIS

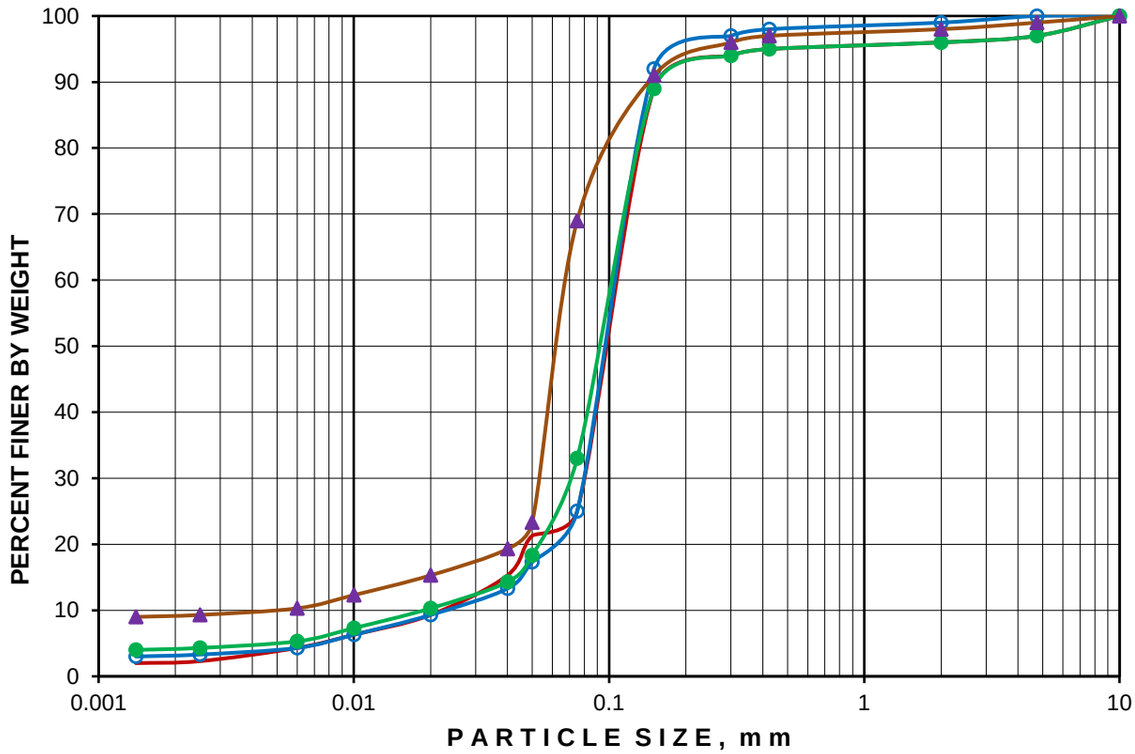
PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

GRAIN SIZE ANALYSIS

ISO/IEC 17025:2017 Certified Laboratory (NABL)

NABL ACCREDITED TC-8543

CLAY	SILT	SAND			GRAVEL
		FINE	MEDIUM	COARSE	



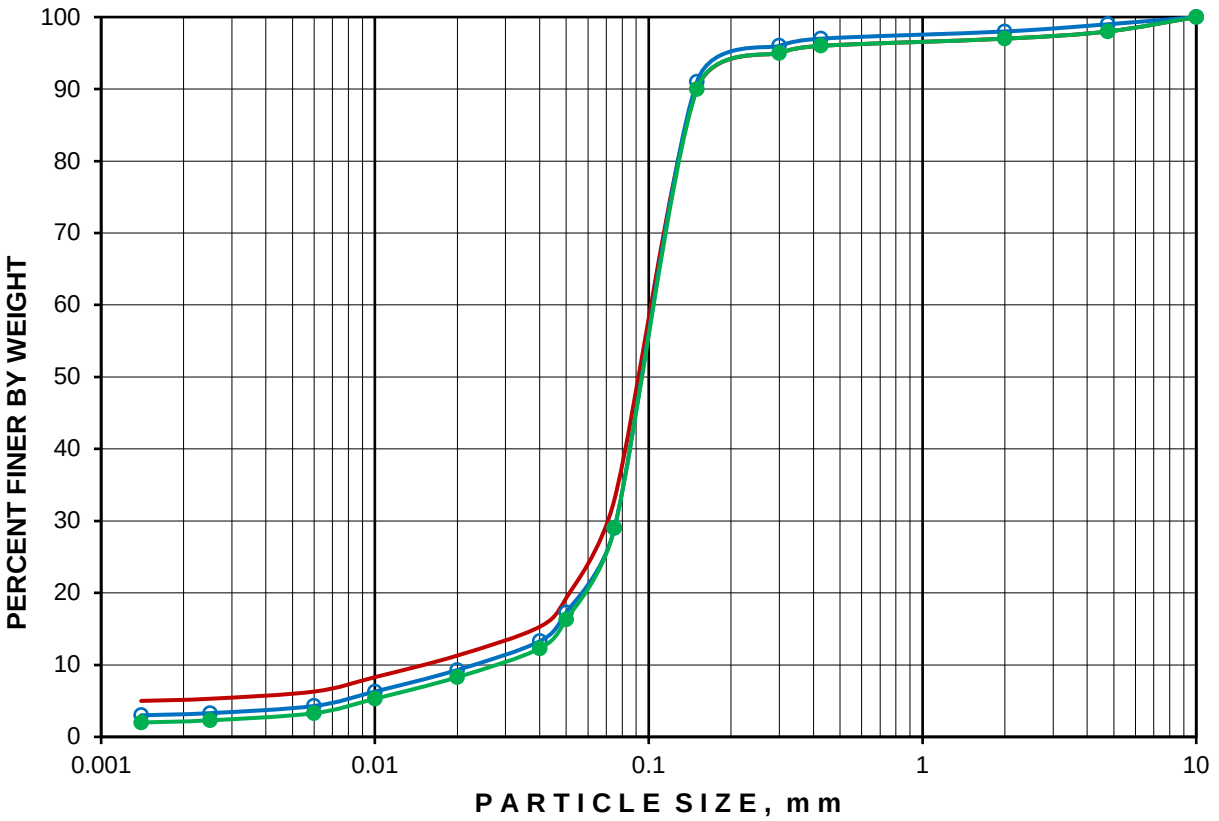
SYMBOL	BH.NO / DEPTH.	DESCRIPTION	GRAVEL %	SAND %	SILT %	CLAY %
	14/1.50	Silty Sand (SM)	3	72	23	2
	14/7.50	Silty Sand (SM)	0	75	22	3
	14/12.00	Silty Sand (SM)	3	64	29	4
	14/21.00	Sandy Silt (CL)	1	30	60	9

GRAIN SIZE ANALYSIS

PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

GRAIN SIZE ANALYSIS

CLAY	SILT	SAND			GRAVEL
		FINE	MEDIUM	COARSE	



SYMBOL	BH.NO / DEPTH.	DESCRIPTION	GRAVEL %	SAND %	SILT %	CLAY %
	14/30.00	Silty Sand (SM)	2	65	28	5
	14/38.25	Silty Sand (SM)	1	70	26	3
	14/44.25	Silty Sand (SM)	2	69	27	2

GRAIN SIZE ANALYSIS

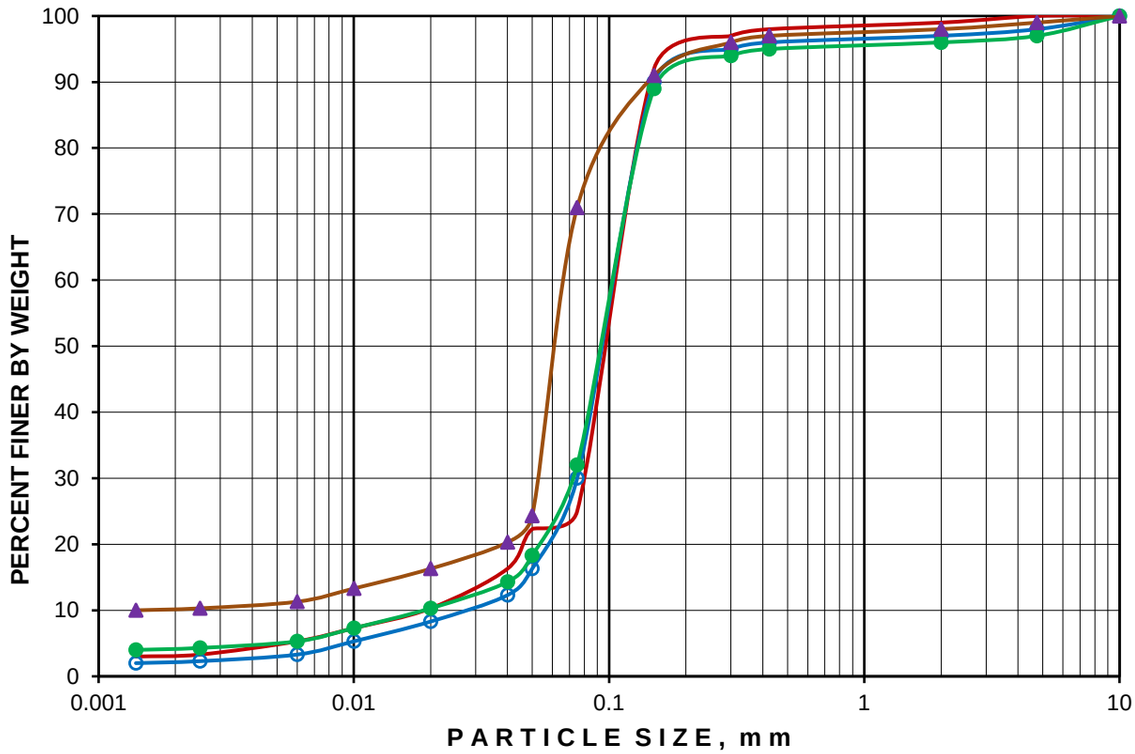
PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

GRAIN SIZE ANALYSIS

ISO/IEC 17025:2017 Certified Laboratory (NABL)

NABL ACCREDITED TC-8543

CLAY	SILT	SAND			GRAVEL
		FINE	MEDIUM	COARSE	



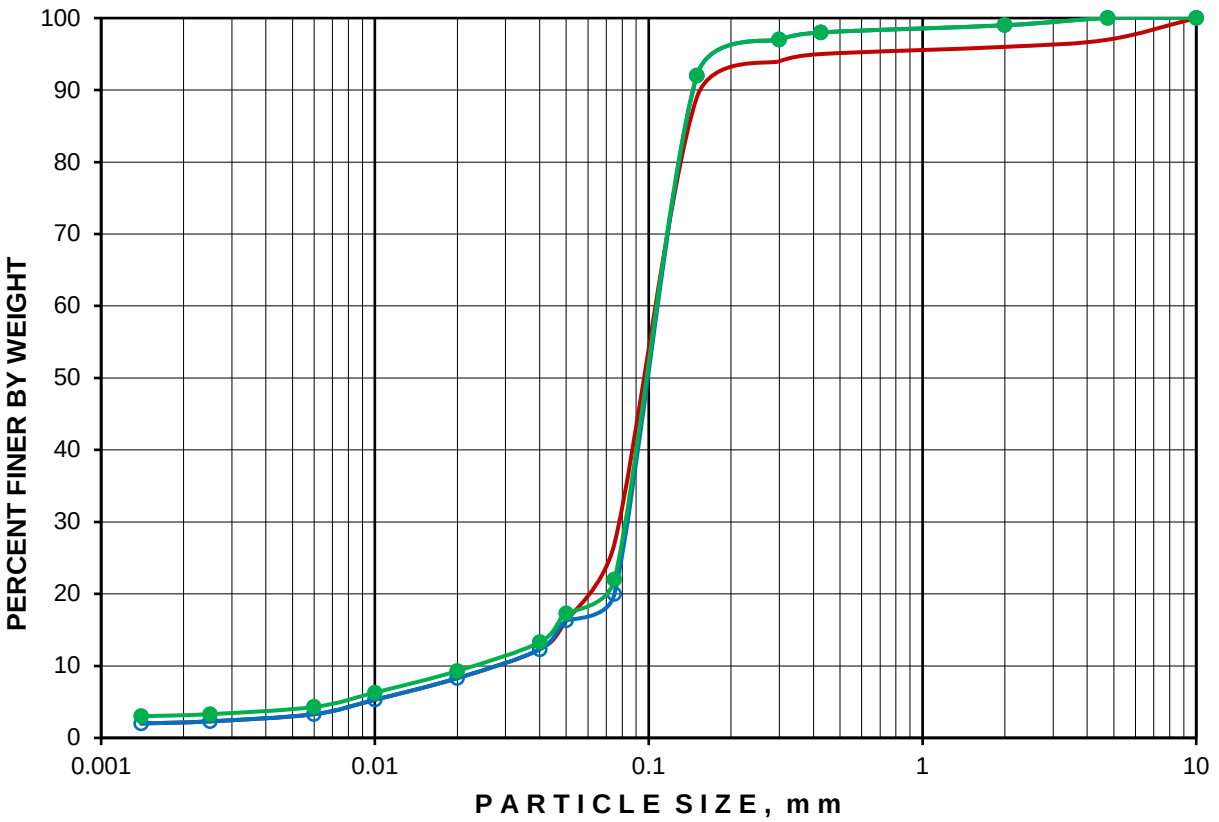
SYMBOL	BH.NO / DEPTH.	DESCRIPTION	GRAVEL %	SAND %	SILT %	CLAY %
	15/1.50	Silty Sand (SM)	0	75	22	3
	15/7.50	Silty Sand (SM)	2	68	28	2
	15/12.00	Silty Sand (SM)	3	65	28	4
	15/18.00	Sandy Silt (CL)	1	28	61	10

GRAIN SIZE ANALYSIS

PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

GRAIN SIZE ANALYSIS

CLAY	SILT	SAND			GRAVEL
		FINE	MEDIUM	COARSE	



SYMBOL	BH.NO / DEPTH.	DESCRIPTION	GRAVEL %	SAND %	SILT %	CLAY %
	15/29.25	Silty Sand (SM)	3	70	25	2
	15/38.25	Silty Sand (SM)	0	80	18	2
	15/44.25	Silty Sand (SM)	0	78	19	3

GRAIN SIZE ANALYSIS

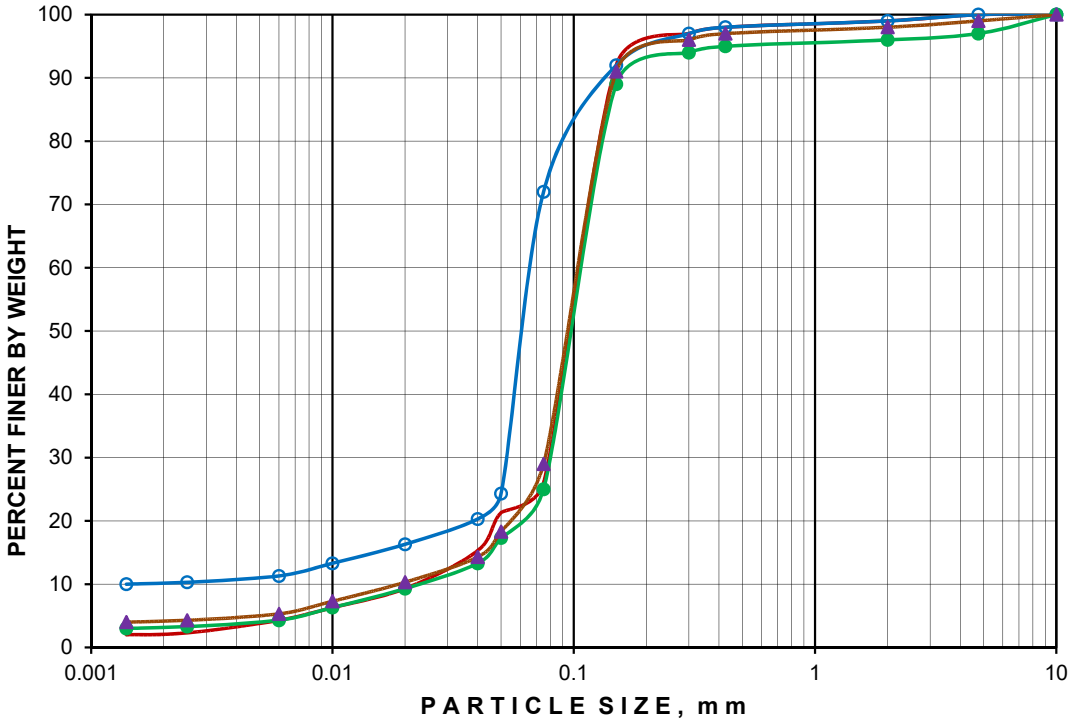
PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

GRAIN SIZE ANALYSIS

ISO/IEC 17025:2017 Certified Laboratory (NABL)

NABL ACCREDITED TC-8543

CLAY	SILT	SAND			GRAVEL
		FINE	MEDIUM	COARSE	



SYMBOL	BH.NO / DEPTH.	DESCRIPTION	GRAVEL %	SAND %	SILT %	CLAY %
	16/1.50	Silty Sand (SM)	0	74	24	2
	16/7.50	Silty Sand (CL)	1	69	26	4
	16/12.00	Silty Sand (SM)	3	72	22	3
	16/14.25	Silty Sand (SM)	1	70	25	4

GRAIN SIZE ANALYSIS

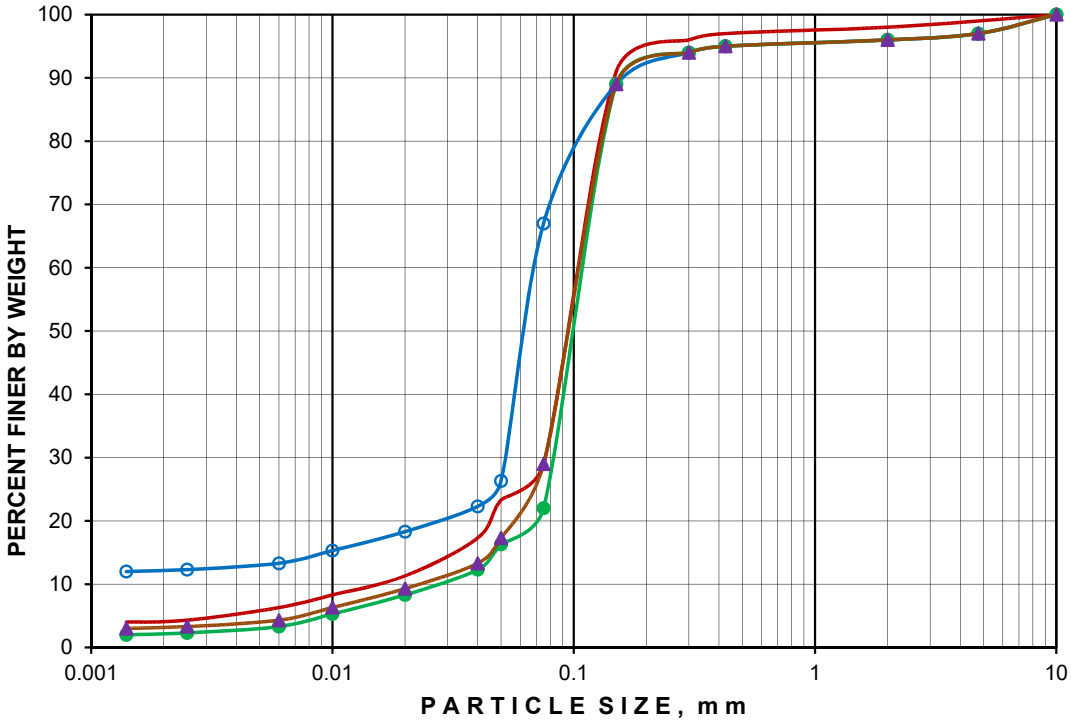
PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

GRAIN SIZE ANALYSIS

ISO/IEC 17025:2017 Certified Laboratory (NABL)

NABL ACCREDITED TC-8543

CLAY	SILT	SAND			GRAVEL
		FINE	MEDIUM	COARSE	



SYMBOL	BH.NO / DEPTH.	DESCRIPTION	GRAVEL %	SAND %	SILT %	CLAY %
	17/1.50	Silty Sand (SM)	1	70	25	4
	17/7.50	Silty Sand (CL)	3	68	27	2
	17/12.00	Silty Sand (SM)	3	75	20	2
	17/15.00	Silty Sand (SM)	3	68	26	3

GRAIN SIZE ANALYSIS

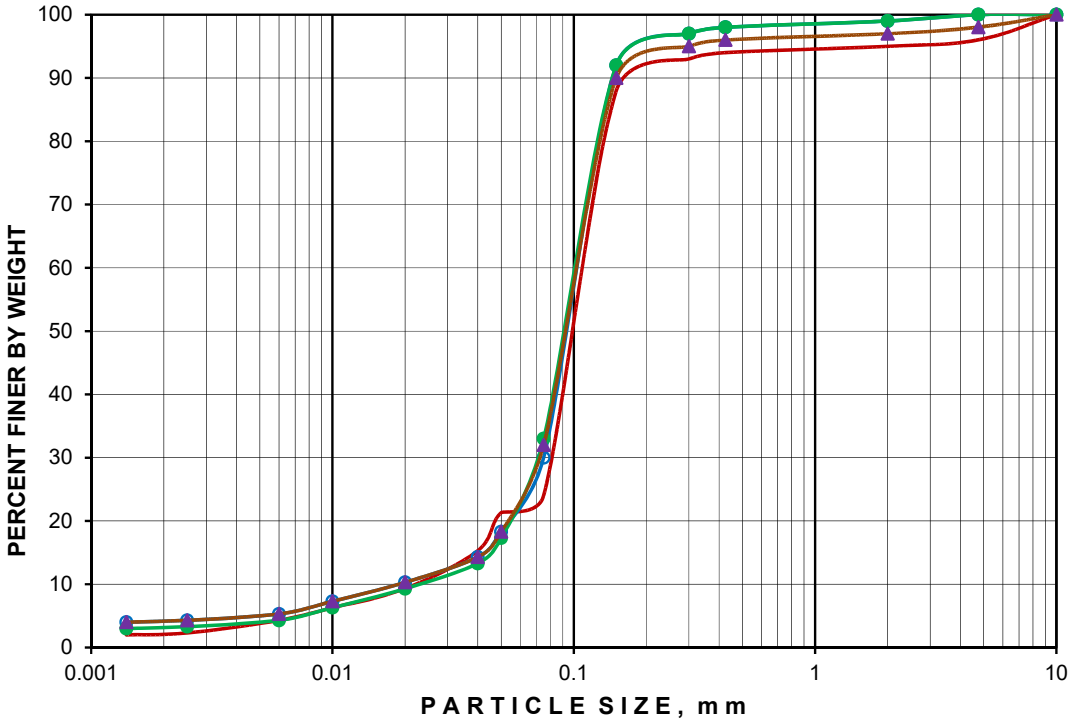
PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

GRAIN SIZE ANALYSIS

ISO/IEC 17025:2017 Certified Laboratory (NABL)

NABL ACCREDITED TC-8543

CLAY	SILT	SAND			GRAVEL
		FINE	MEDIUM	COARSE	



SYMBOL	BH.NO / DEPTH.	DESCRIPTION	GRAVEL %	SAND %	SILT %	CLAY %
	18/1.50	Silty Sand (SM)	4	72	22	2
	18/8.25	Silty Sand (SM)	0	70	26	4
	18/11.25	Silty Sand (SM)	0	67	30	3
	18/13.50	Silty Sand (SM)	2	66	28	4

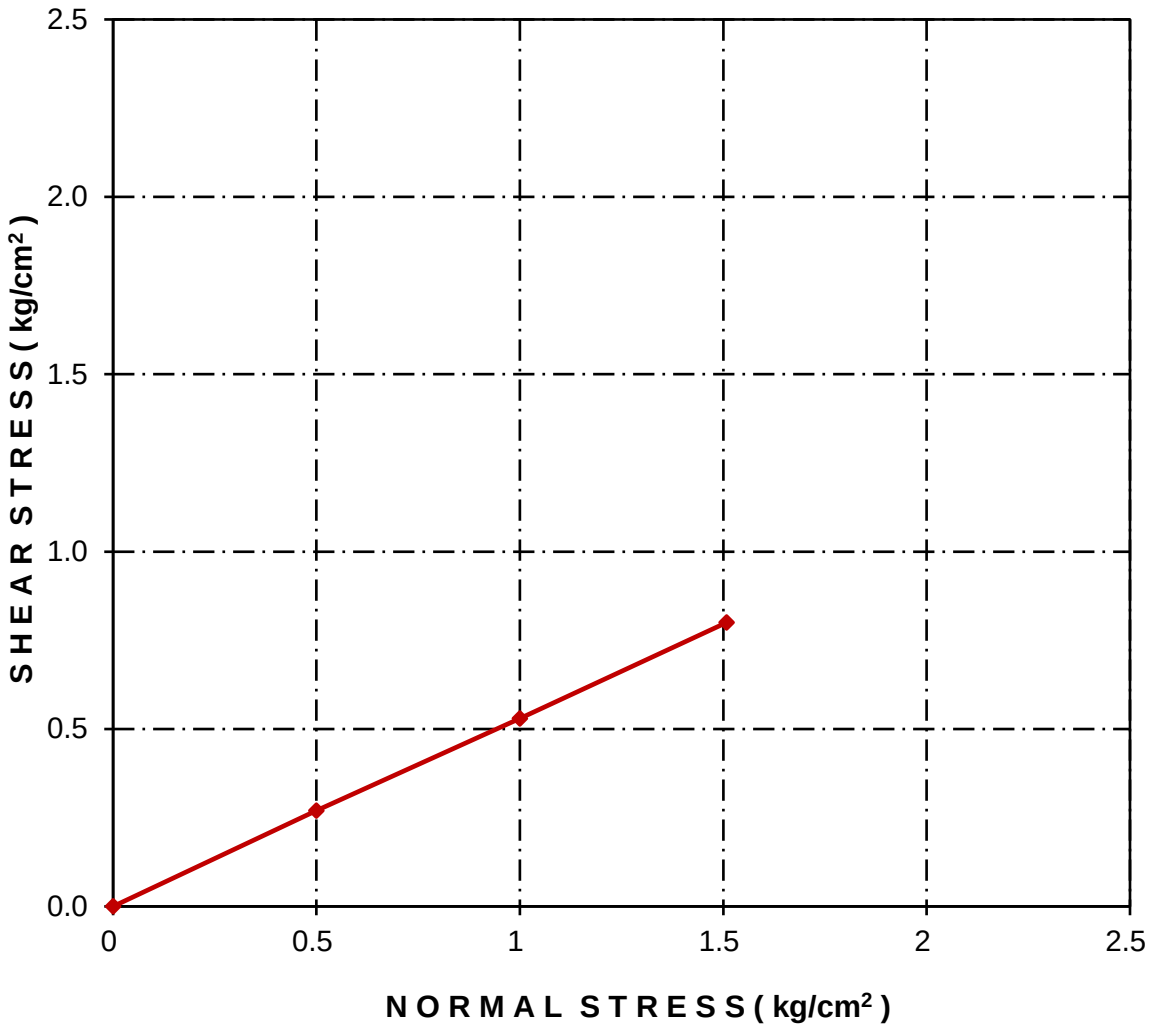
GRAIN SIZE ANALYSIS

PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 61

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	1	**Dry Density (gm/cc)**	1.5
Depth :	2.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	28

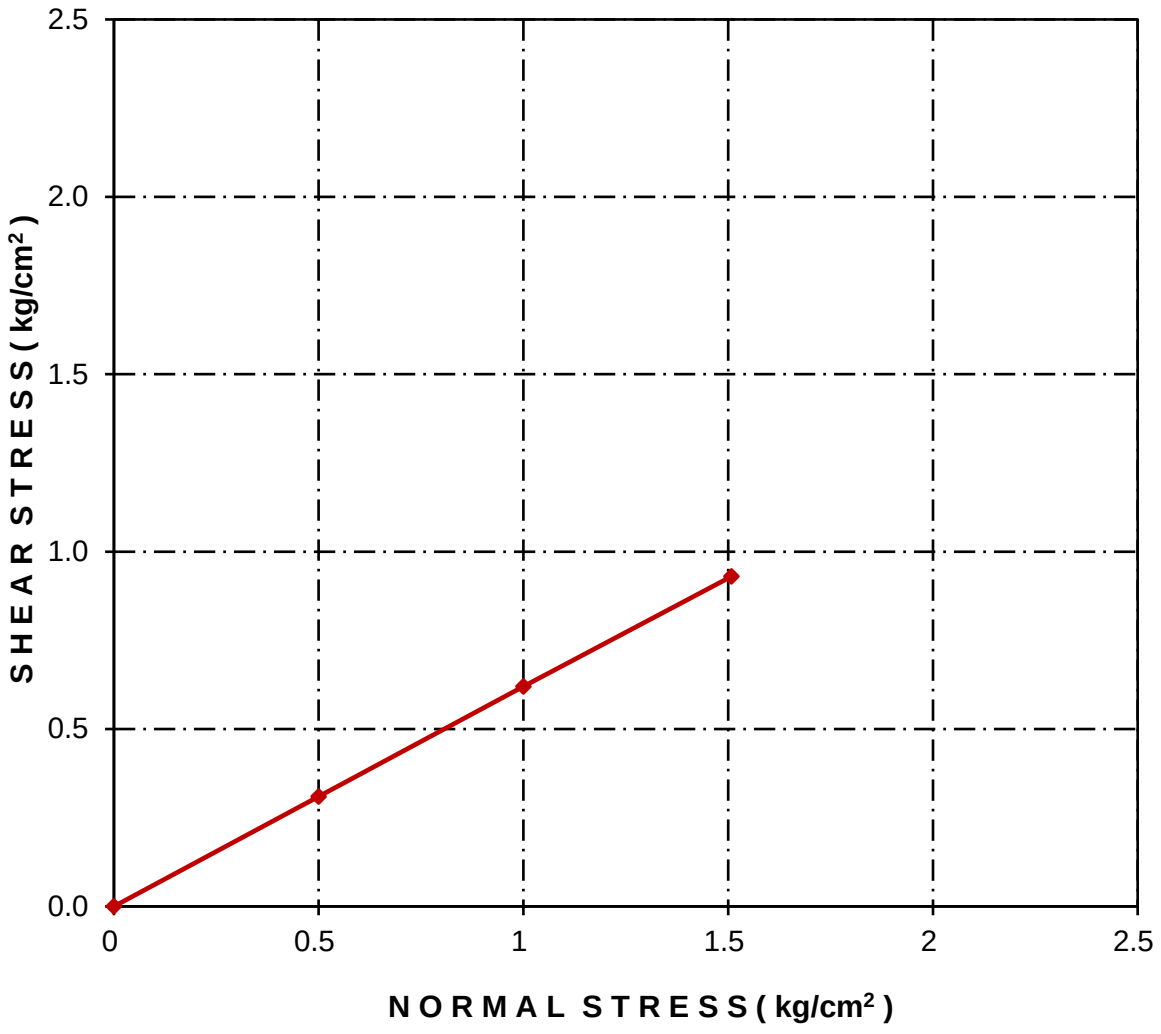


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 62

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	1	**Dry Density (gm/cc)**	1.59
Depth :	8.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	32

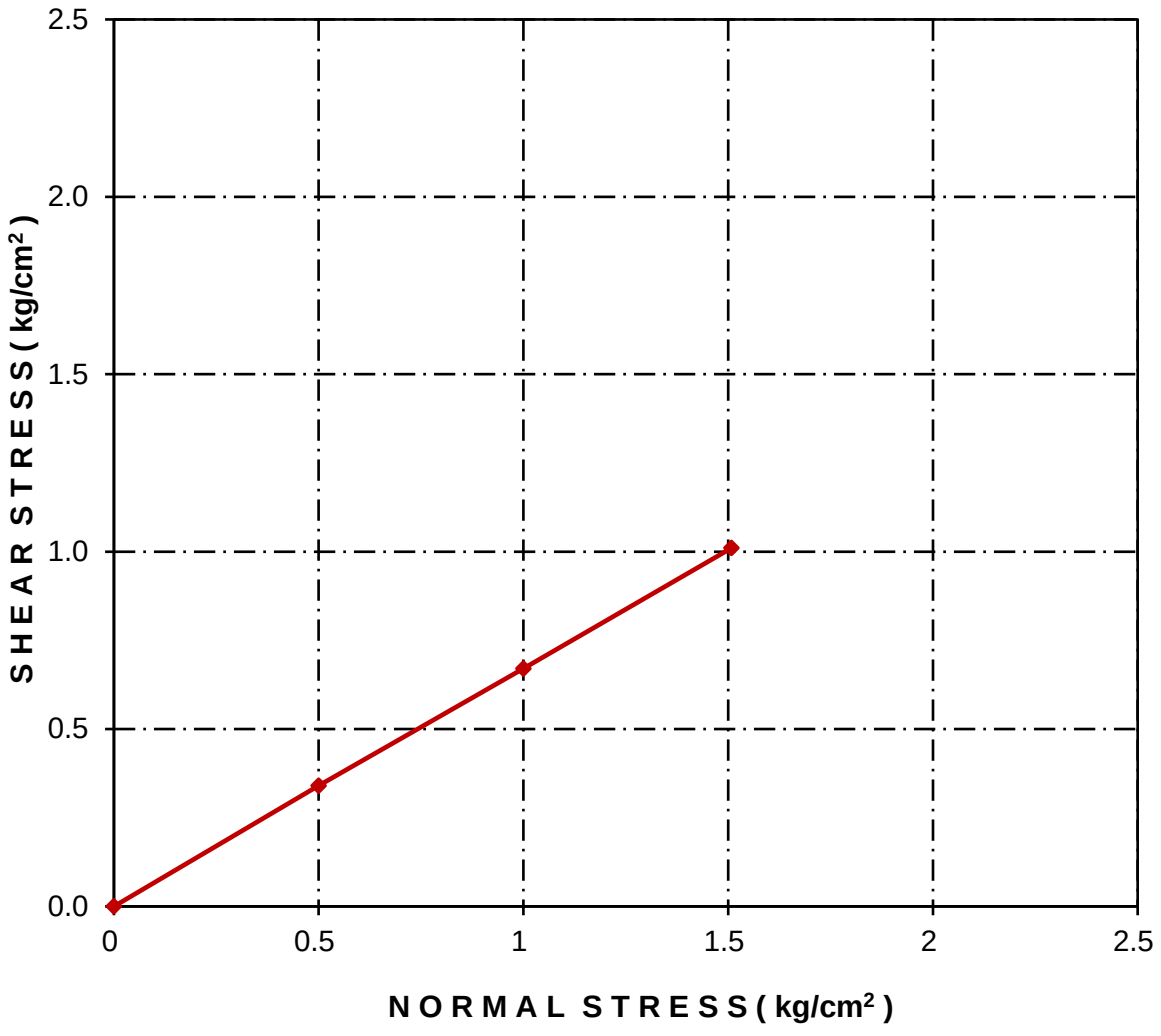


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 63

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	1	**Dry Density (gm/cc)**	1.61
Depth :	14.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	34



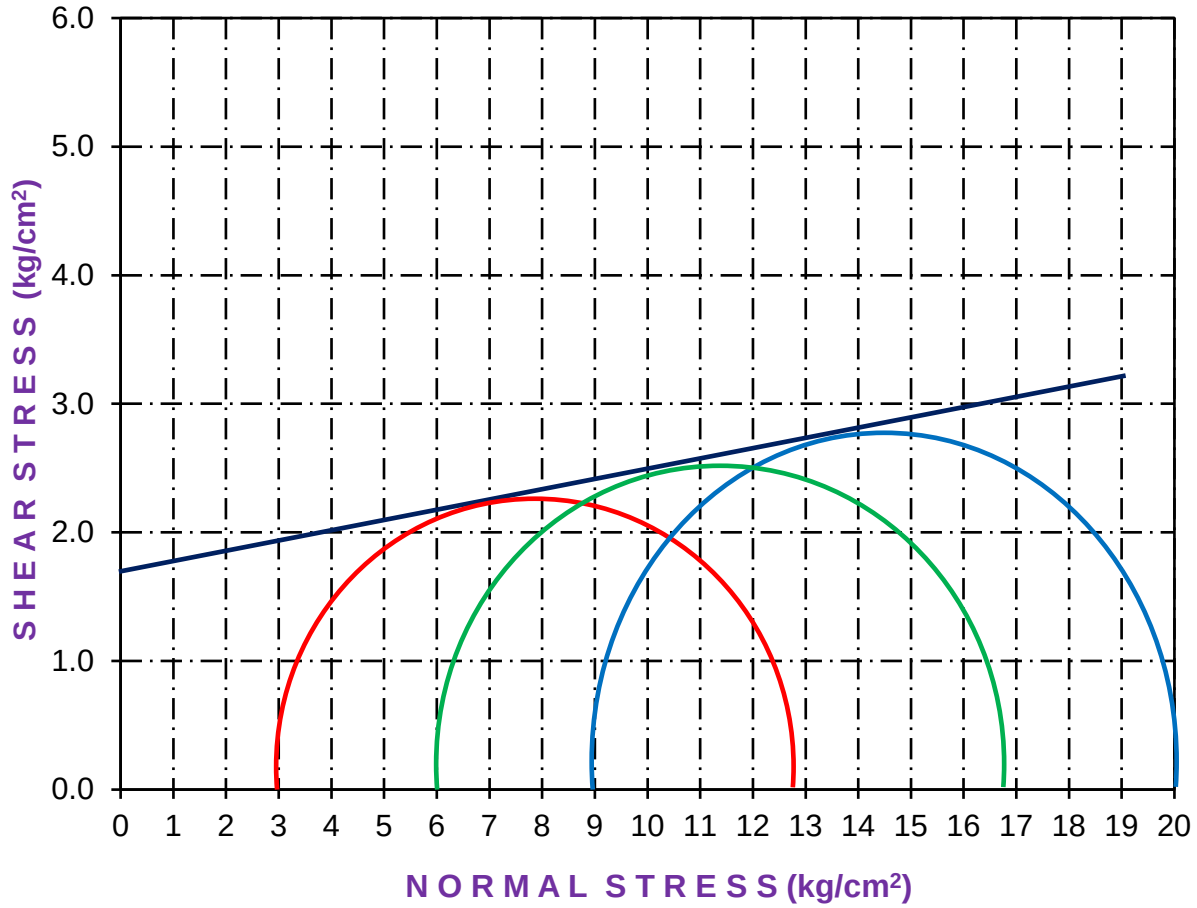
PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. *GEOTECHNICAL CONSULTANTS*	Fig. 64

UNCONSOLIDATED UNDRAINED TRIAXIAL TEST

Borehole No:	1		Depth :	20.25m

BULK DENSITY (gm/cc)	DRY DENSITY (gm/cc)	MOISTURE CONTENT (%)	"C" Value (kg/cm^2)	φ Value (Degree)
2.15	1.78	20.8	1.80	11

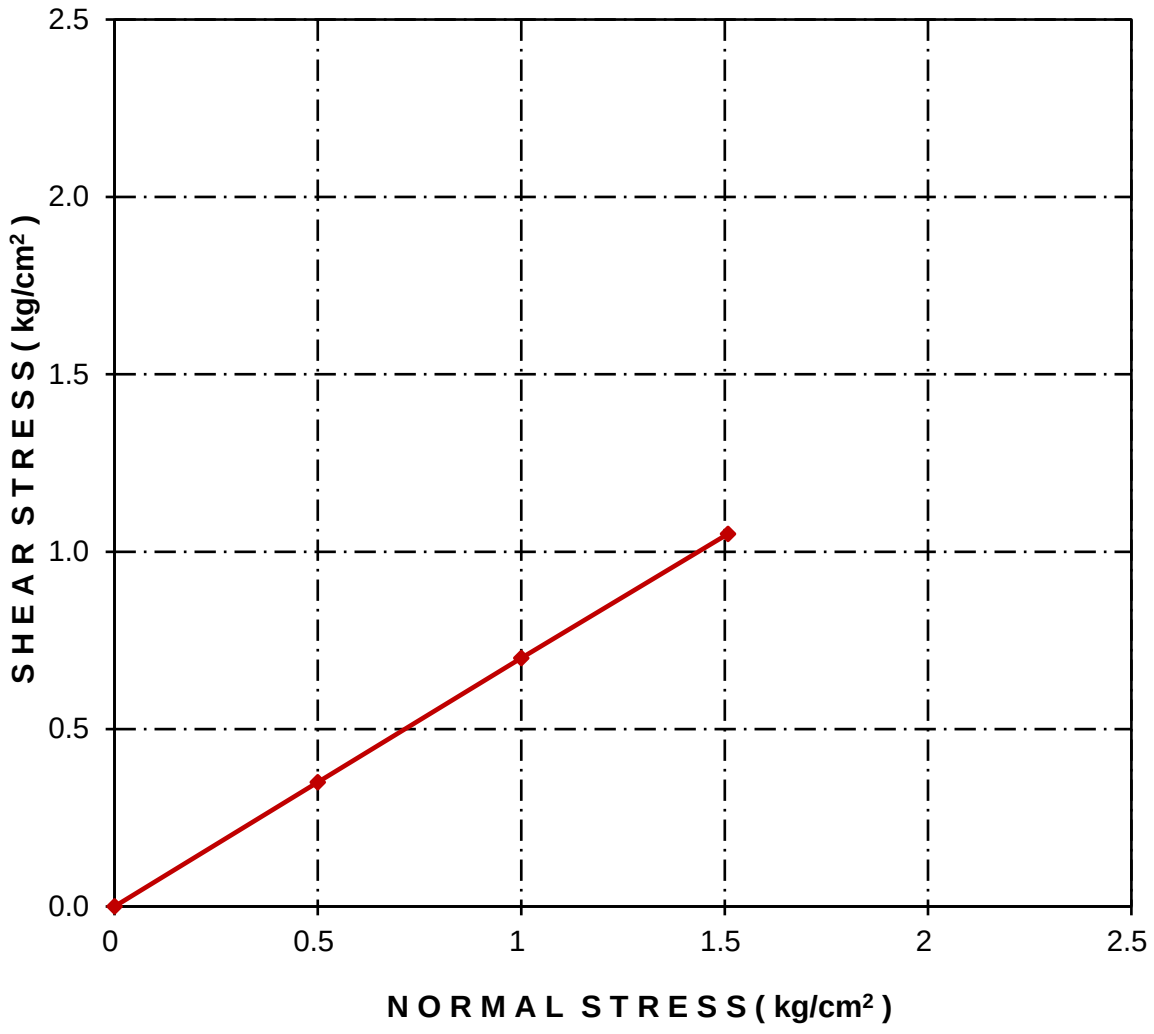


PROJECT : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 65

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	1	**Dry Density (gm/cc)**	1.68
Depth :	29.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	35

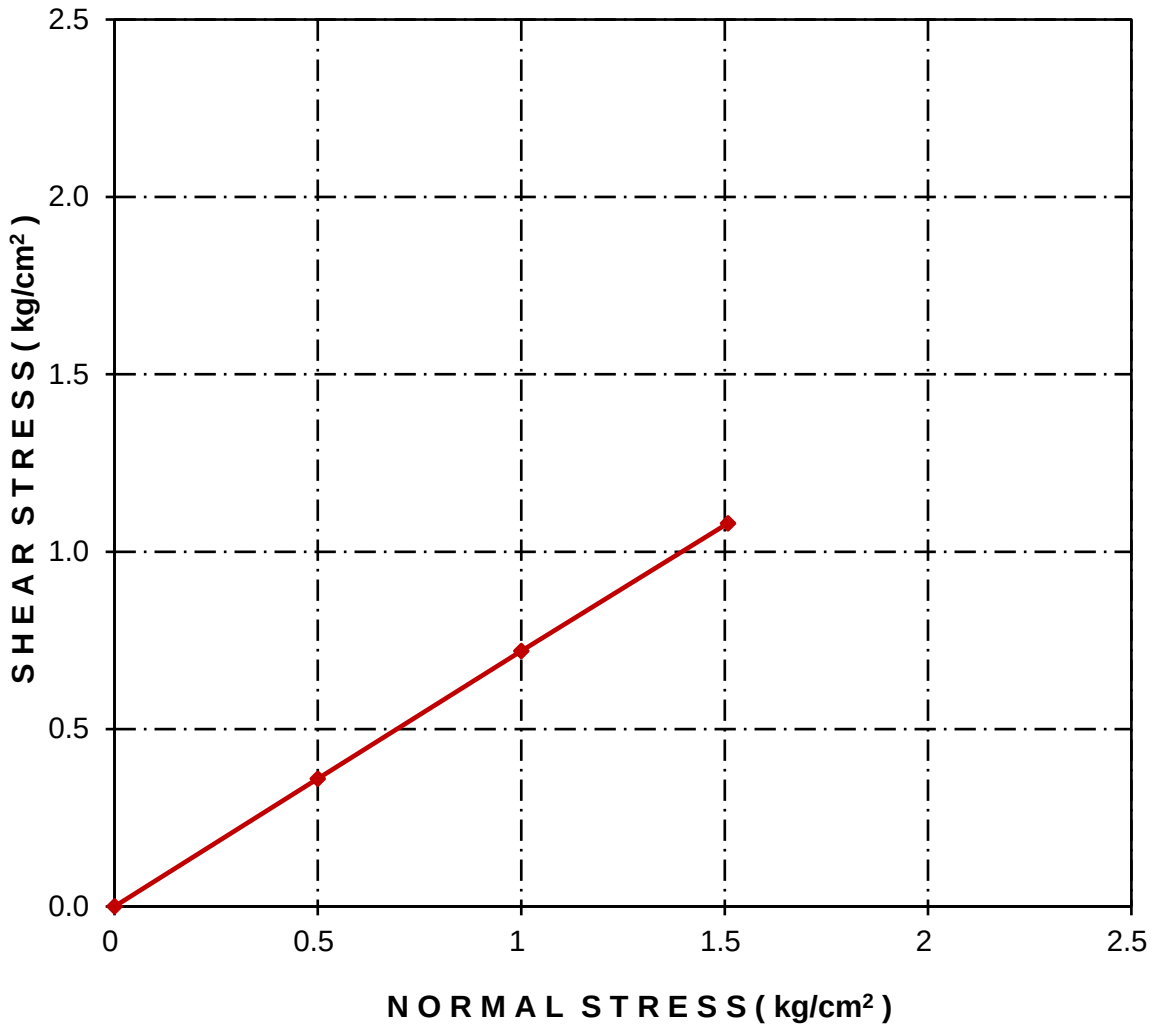


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 66

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	1	**Dry Density (gm/cc)**	1.7
Depth :	41.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	36

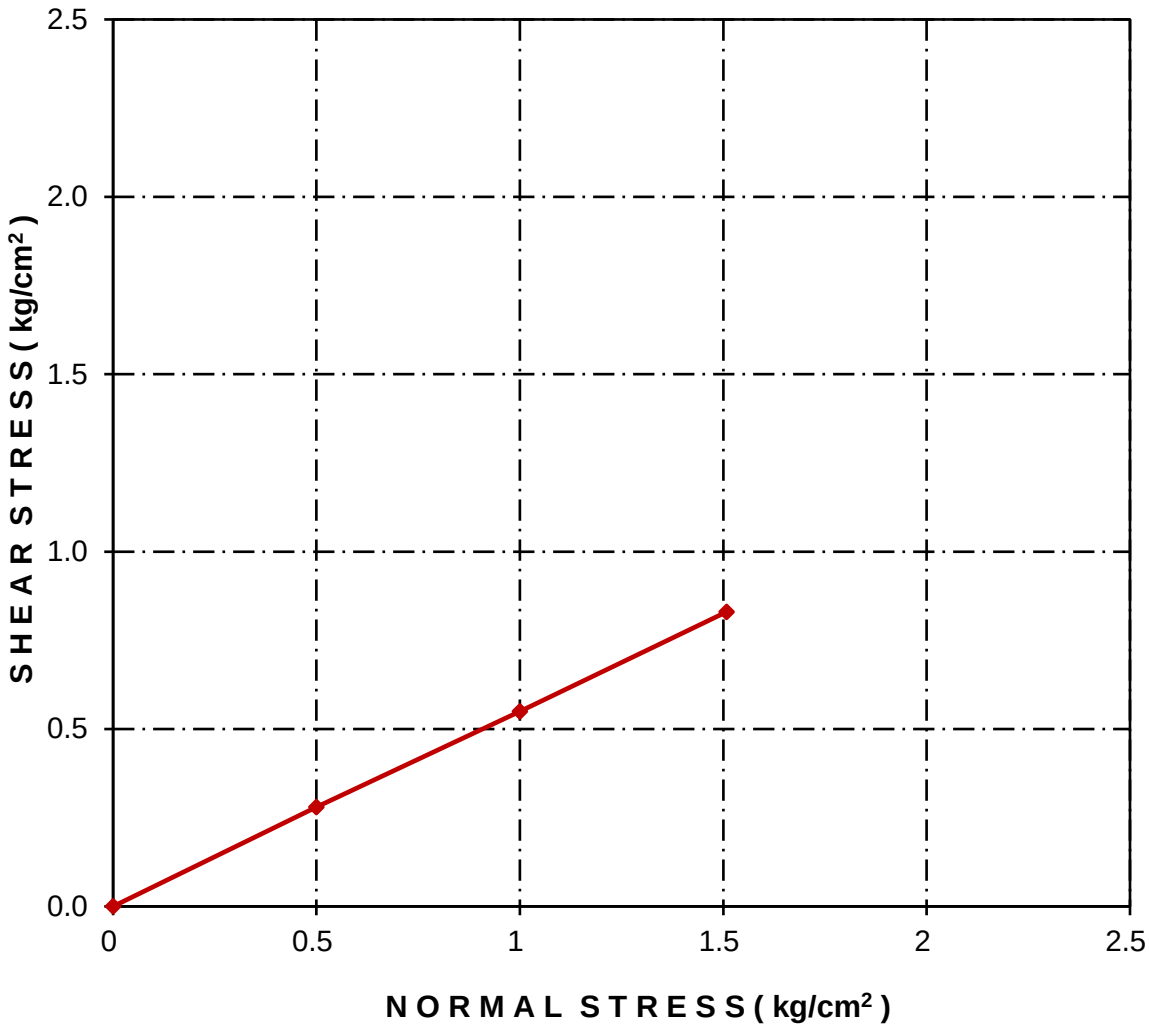


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 67

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	2	**Dry Density (gm/cc)**	1.51
Depth :	2.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	29

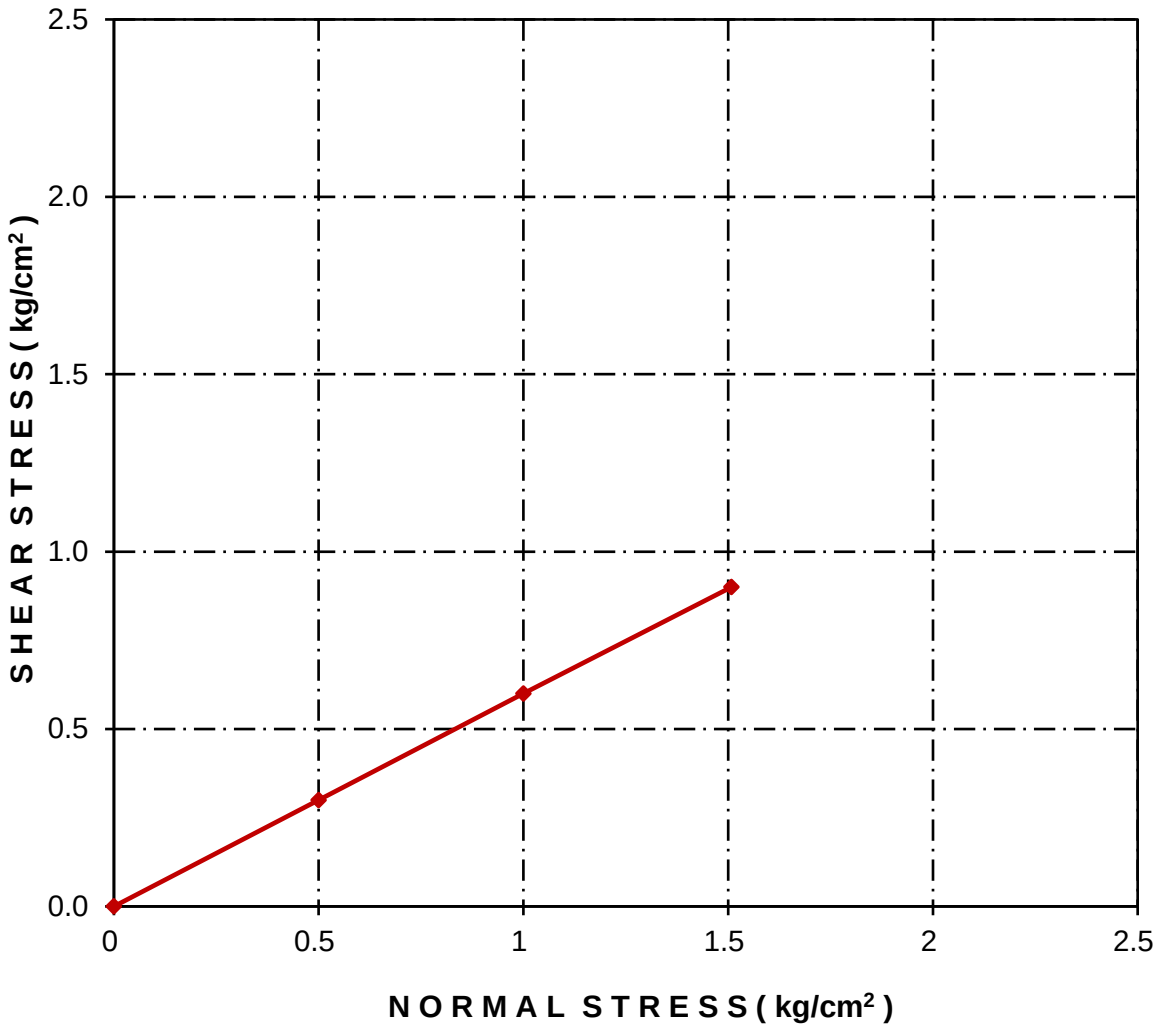


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 68

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	2	**Dry Density (gm/cc)**	1.58
Depth :	8.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	31

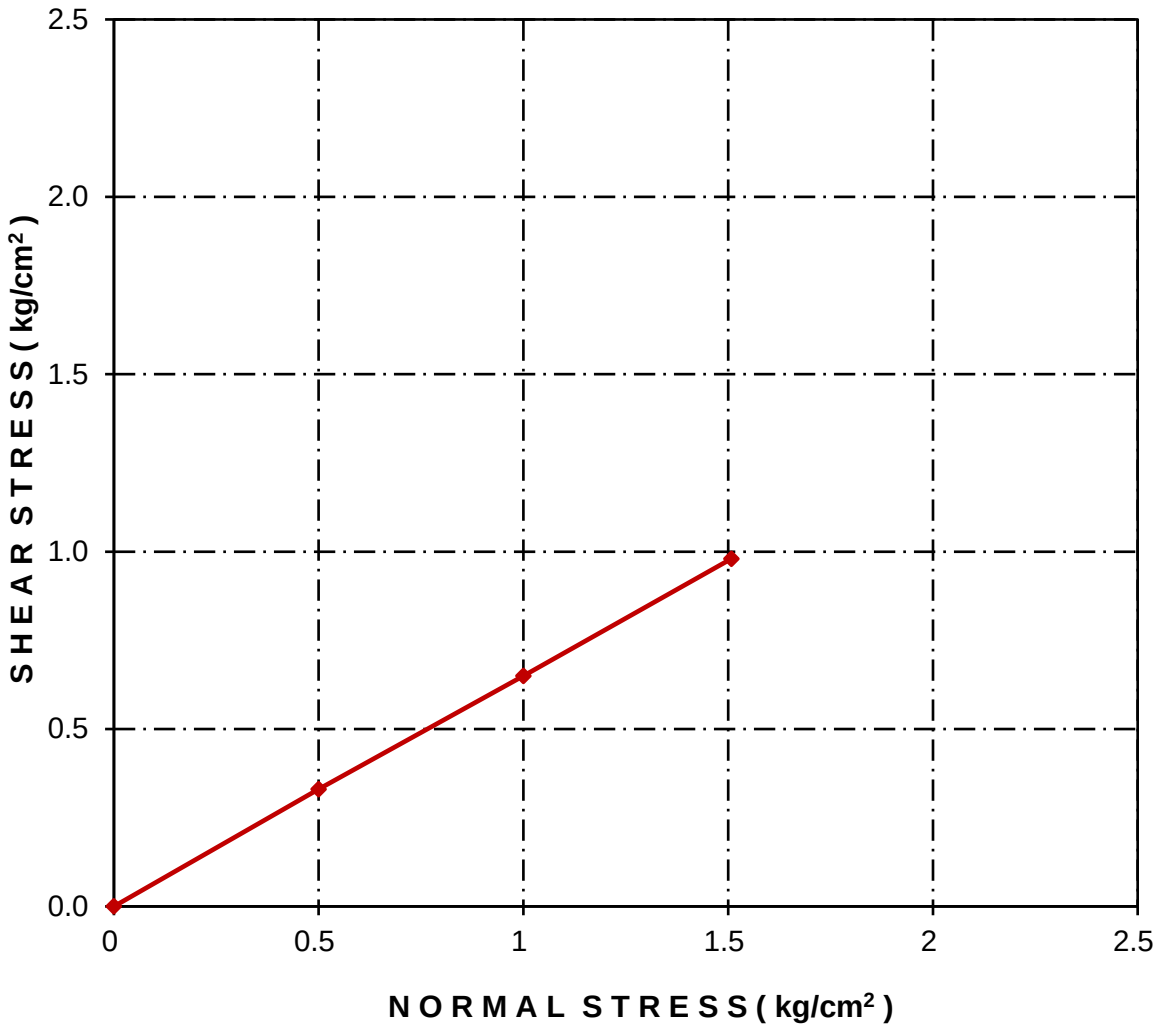


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 69

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	2	**Dry Density (gm/cc)**	1.64
Depth :	14.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	33



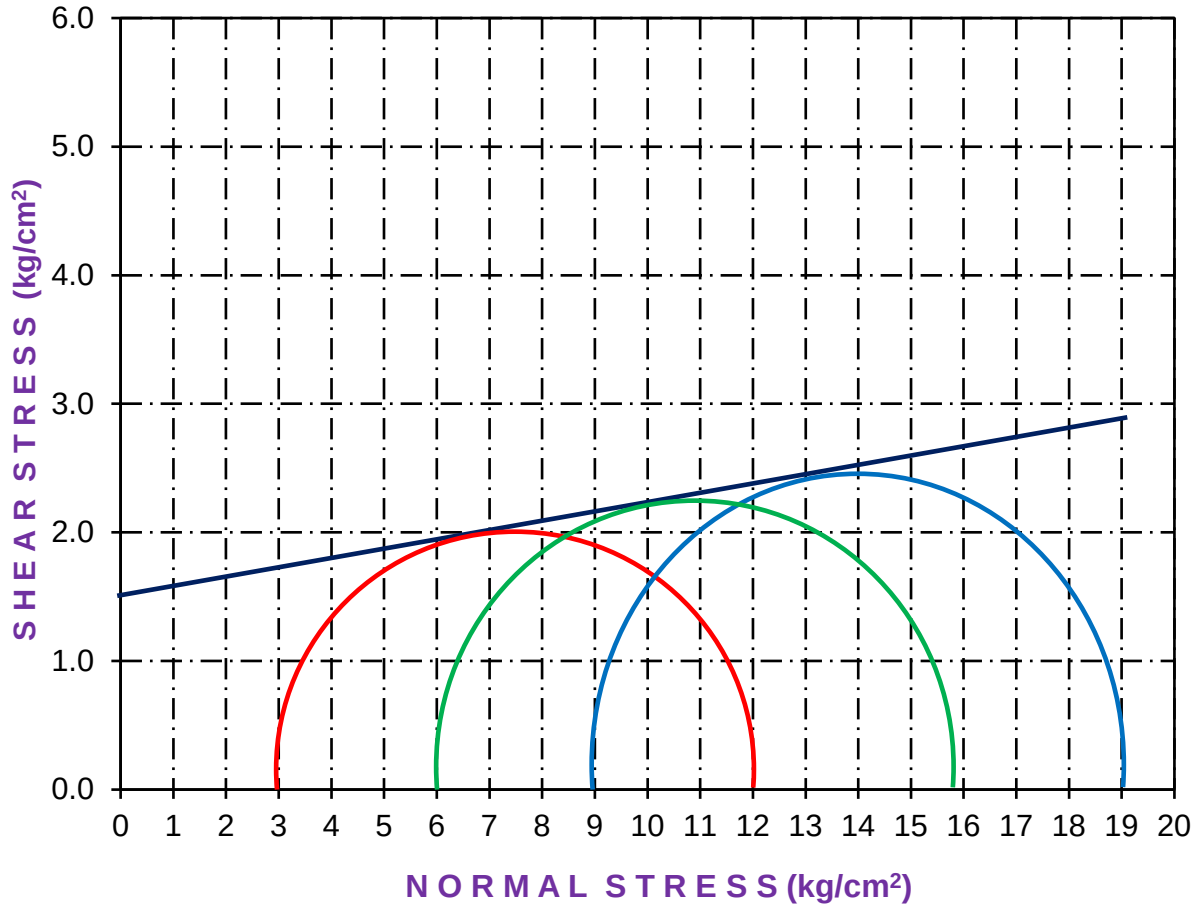
PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. *GEOTECHNICAL CONSULTANTS*	Fig. 70

UNCONSOLIDATED UNDRAINED TRIAXIAL TEST

Borehole No:	2		Depth :	20.25m

BULK DENSITY (gm/cc)	DRY DENSITY (gm/cc)	MOISTURE CONTENT (%)	"C" Value (kg/cm^2)	φ Value (Degree)
2.09	1.72	21.4	1.60	10

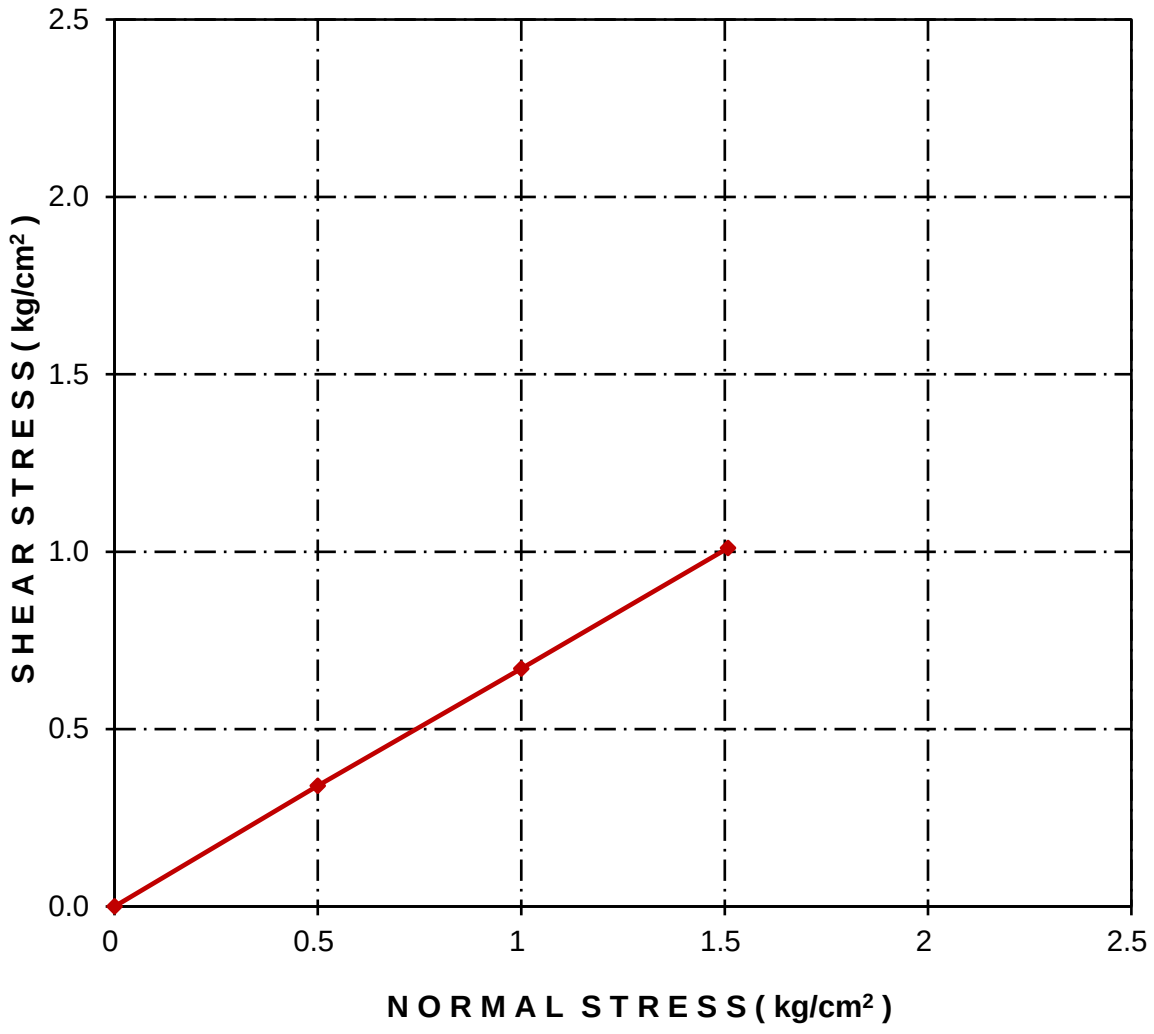


PROJECT : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 71

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	2	**Dry Density (gm/cc)**	1.68
Depth :	29.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	34

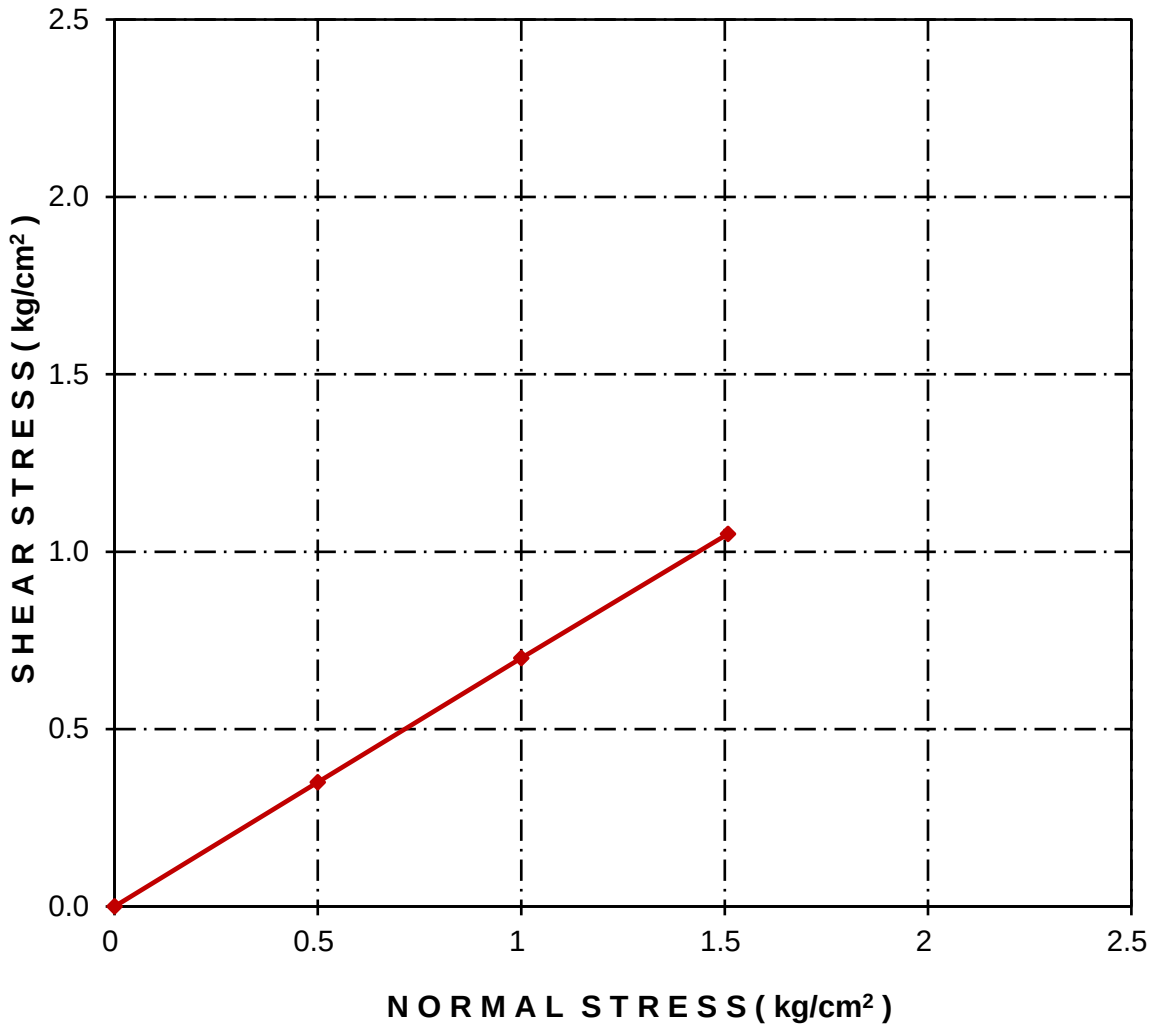


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 72

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	2	**Dry Density (gm/cc)**	1.71
Depth :	41.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	35

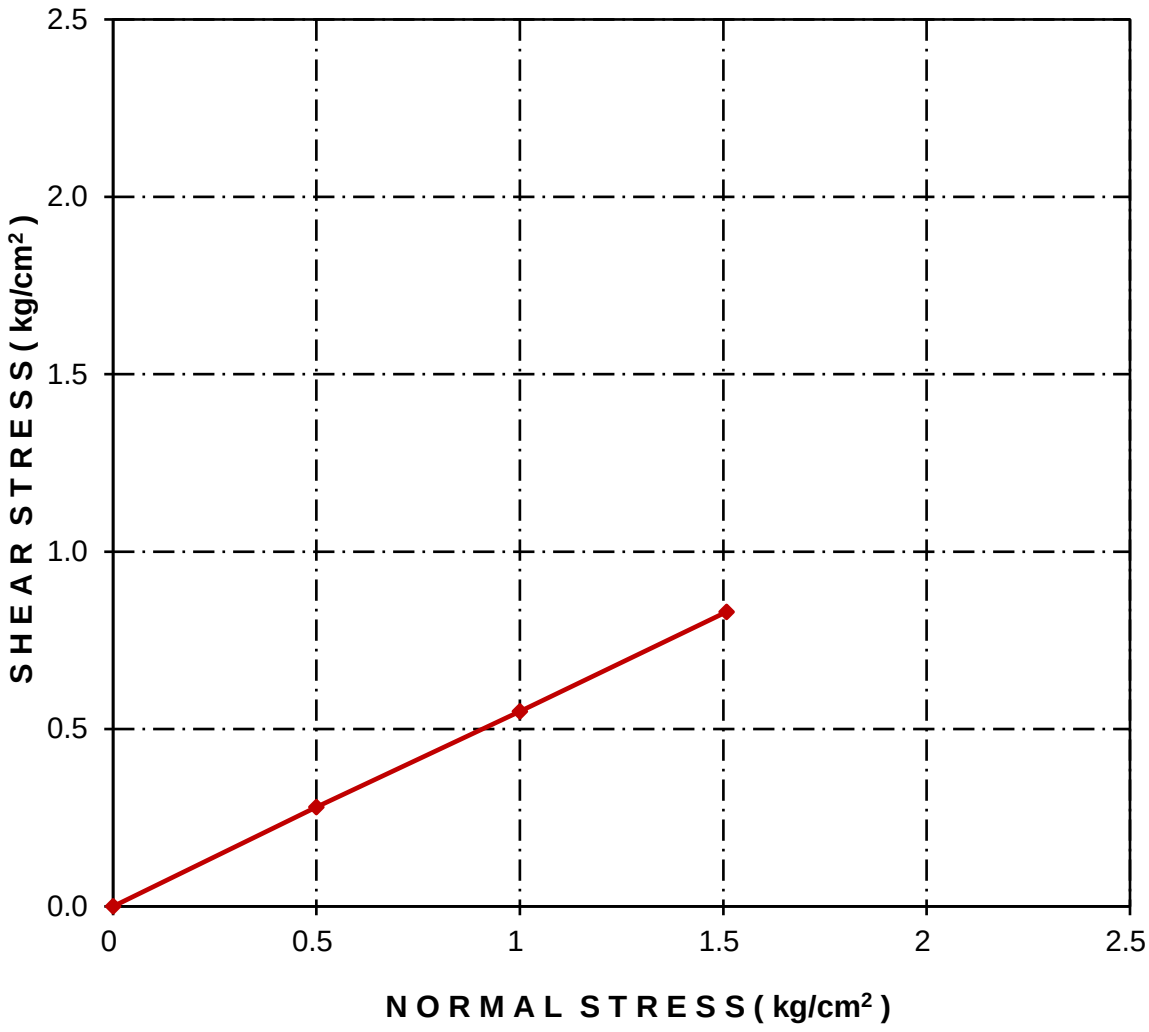


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 73

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	3	**Dry Density (gm/cc)**	1.53
Depth :	2.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	29

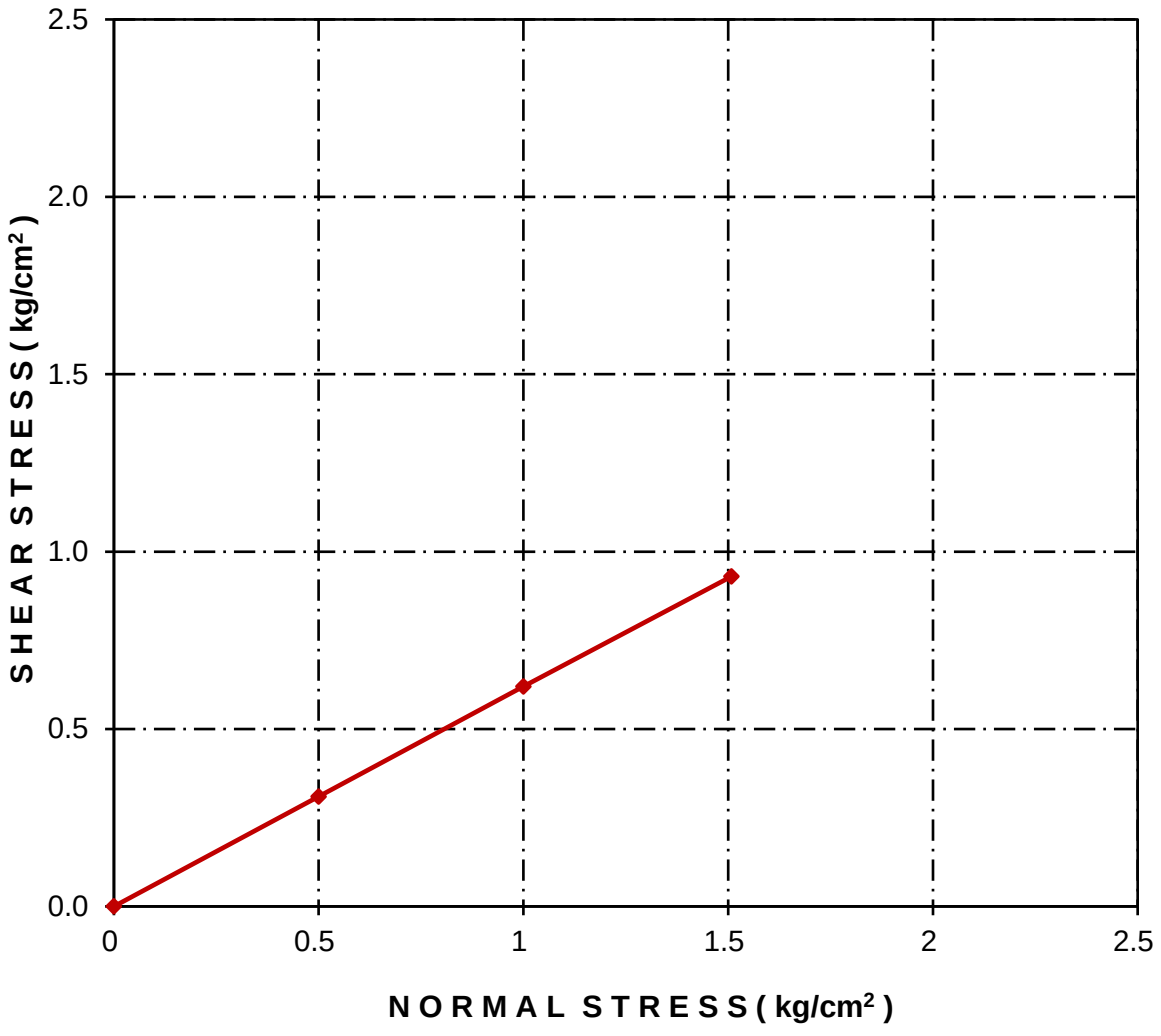


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 74

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	3	**Dry Density (gm/cc)**	1.6
Depth :	8.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	32

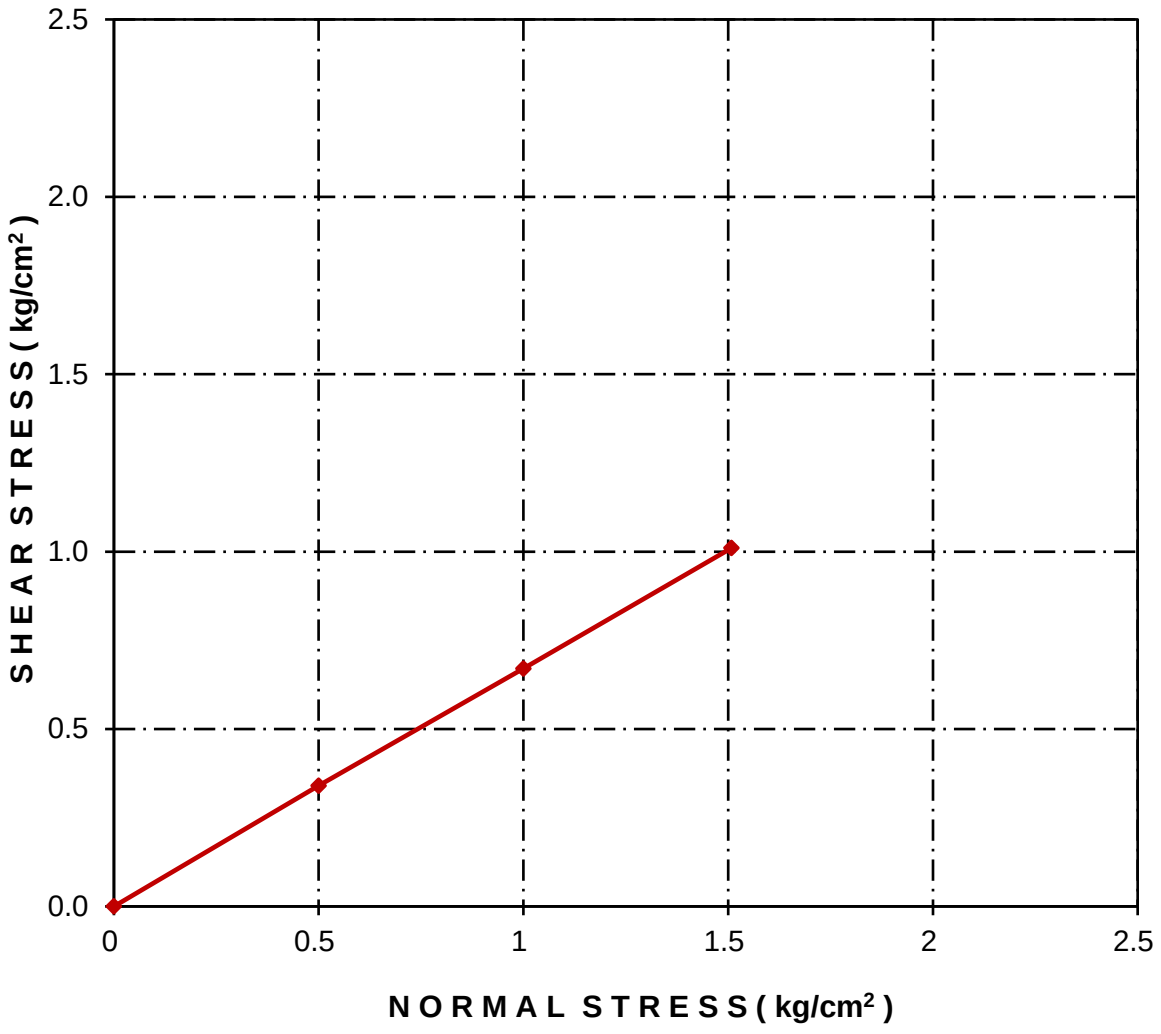


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 75

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	3	**Dry Density (gm/cc)**	1.67
Depth :	14.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	34



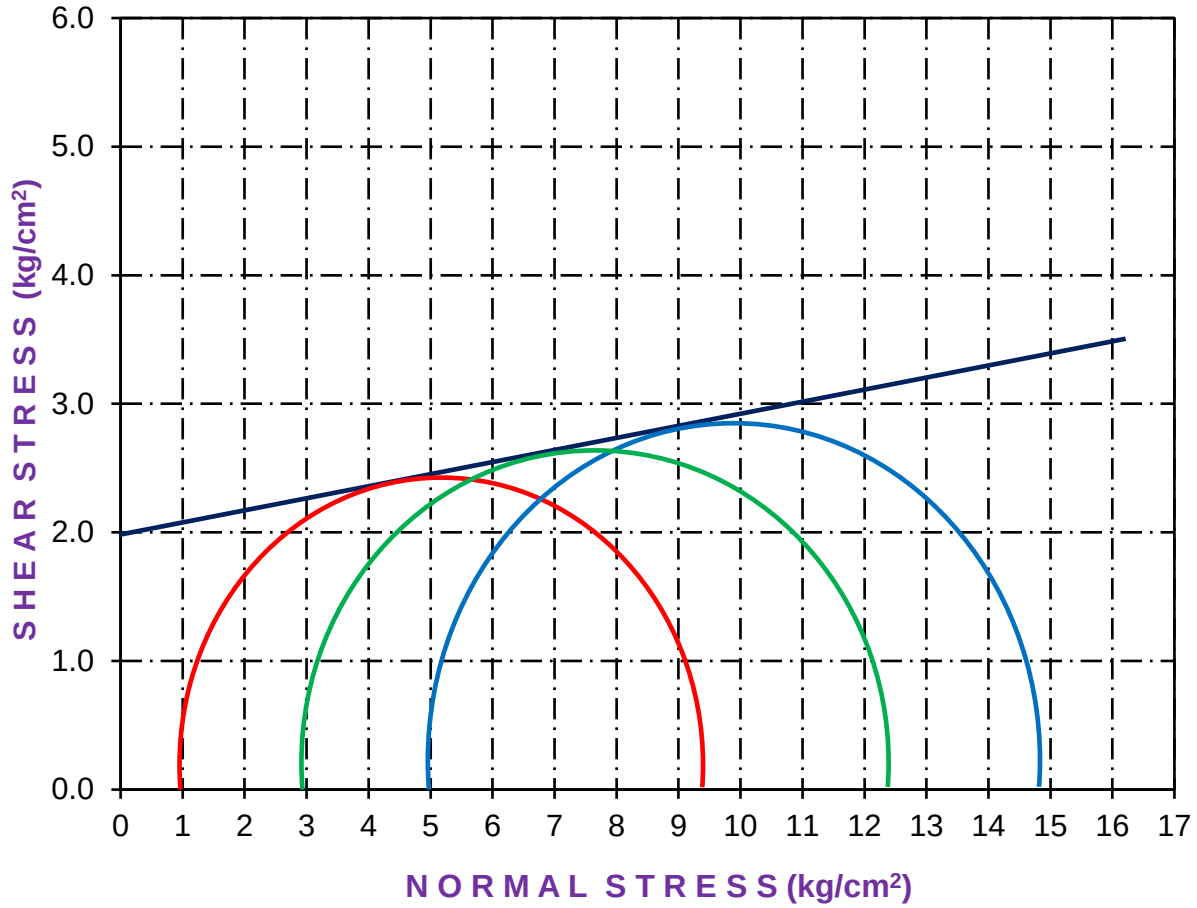
PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. *GEOTECHNICAL CONSULTANTS*	Fig. 76

UNCONSOLIDATED UNDRAINED TRIAXIAL TEST

Borehole No:	3		Depth :	20.25m

BULK DENSITY (gm/cc)	DRY DENSITY (gm/cc)	MOISTURE CONTENT (%)	"C" Value (kg/cm^2)	φ Value (Degree)
2.10	1.74	20.4	2.00	9

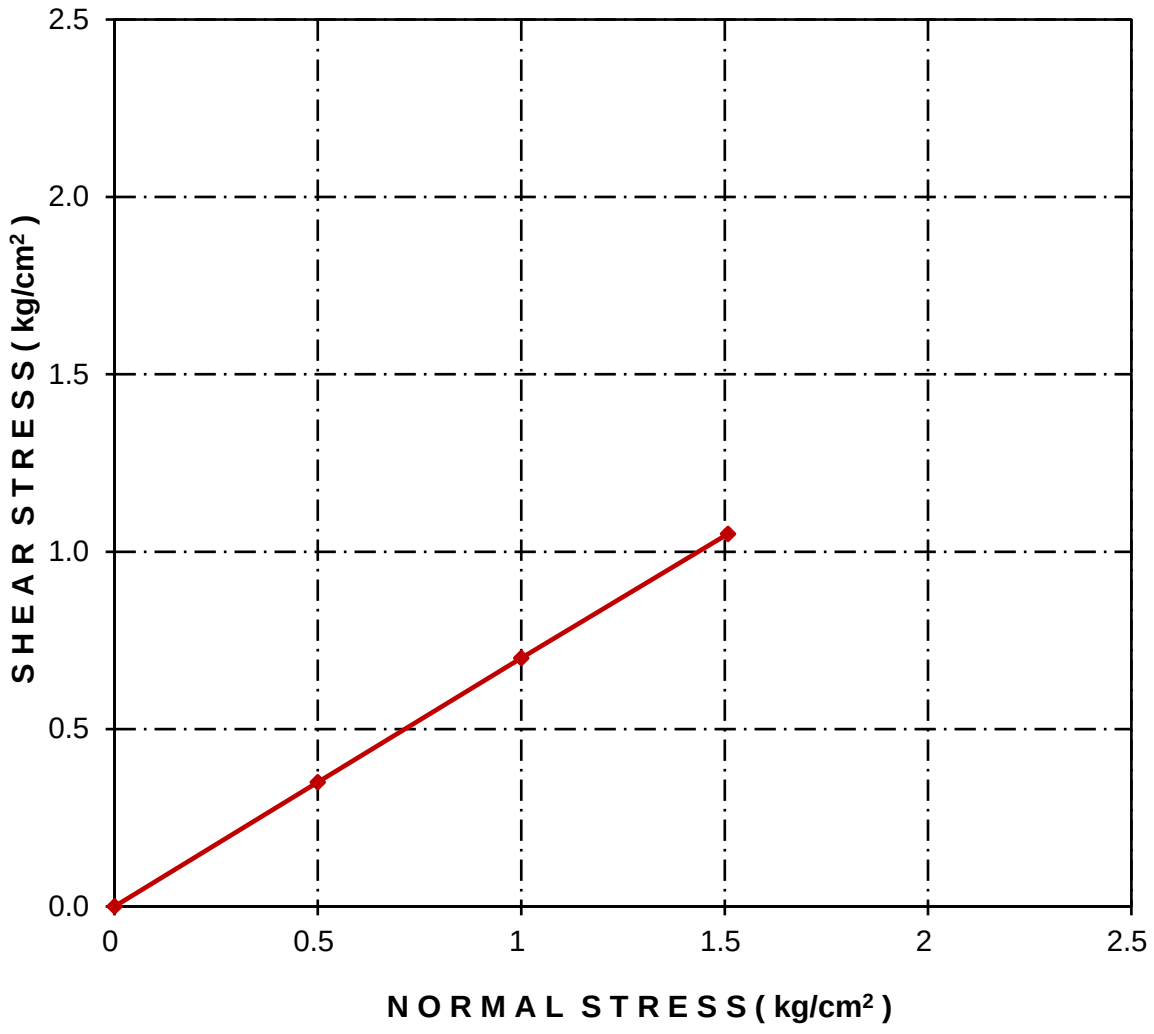


PROJECT : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 77

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	3	**Dry Density (gm/cc)**	1.67
Depth :	29.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	35

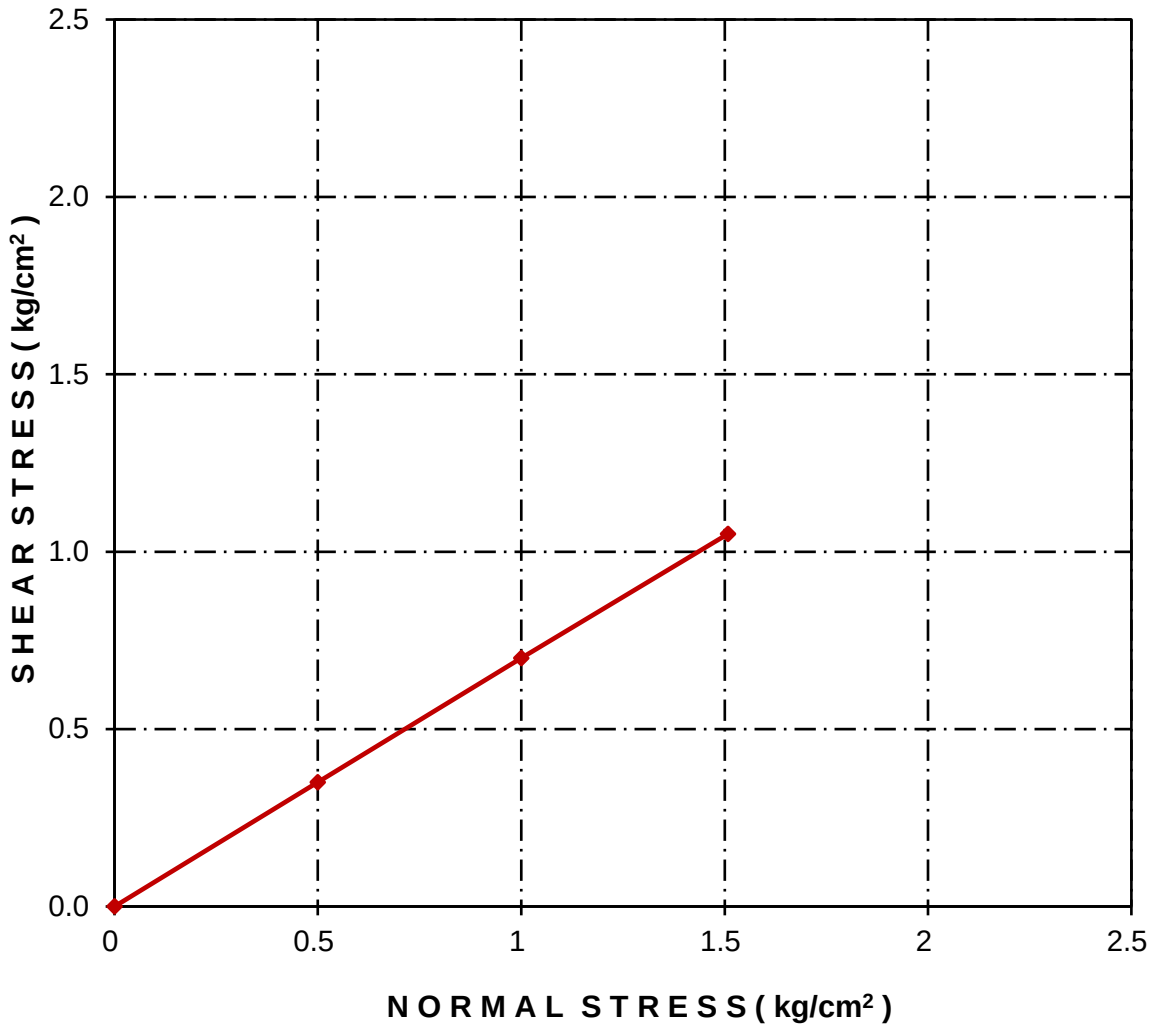


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 78

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	3	**Dry Density (gm/cc)**	1.72
Depth :	41.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	35

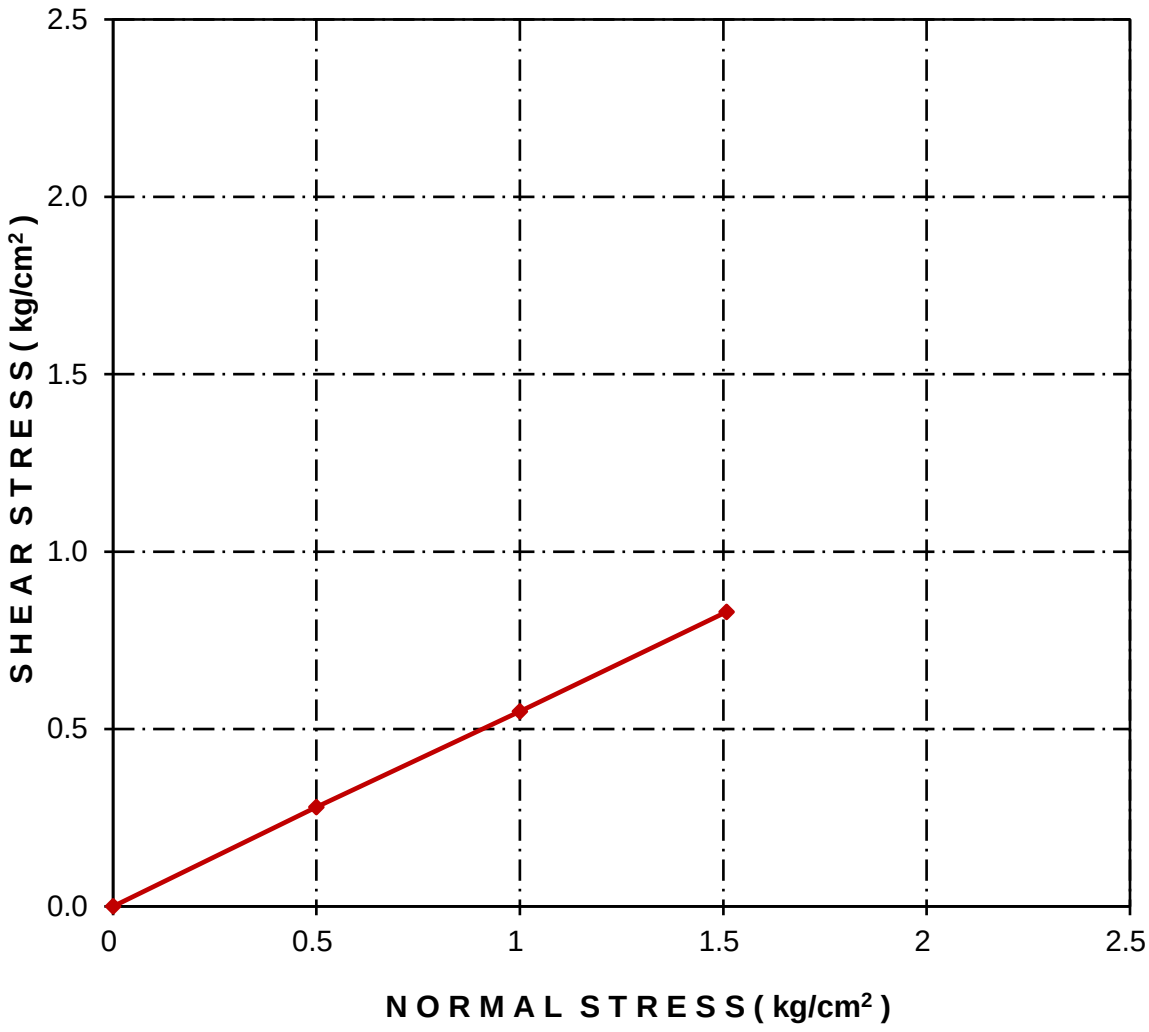


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 79

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	4	**Dry Density (gm/cc)**	1.52
Depth :	2.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	29

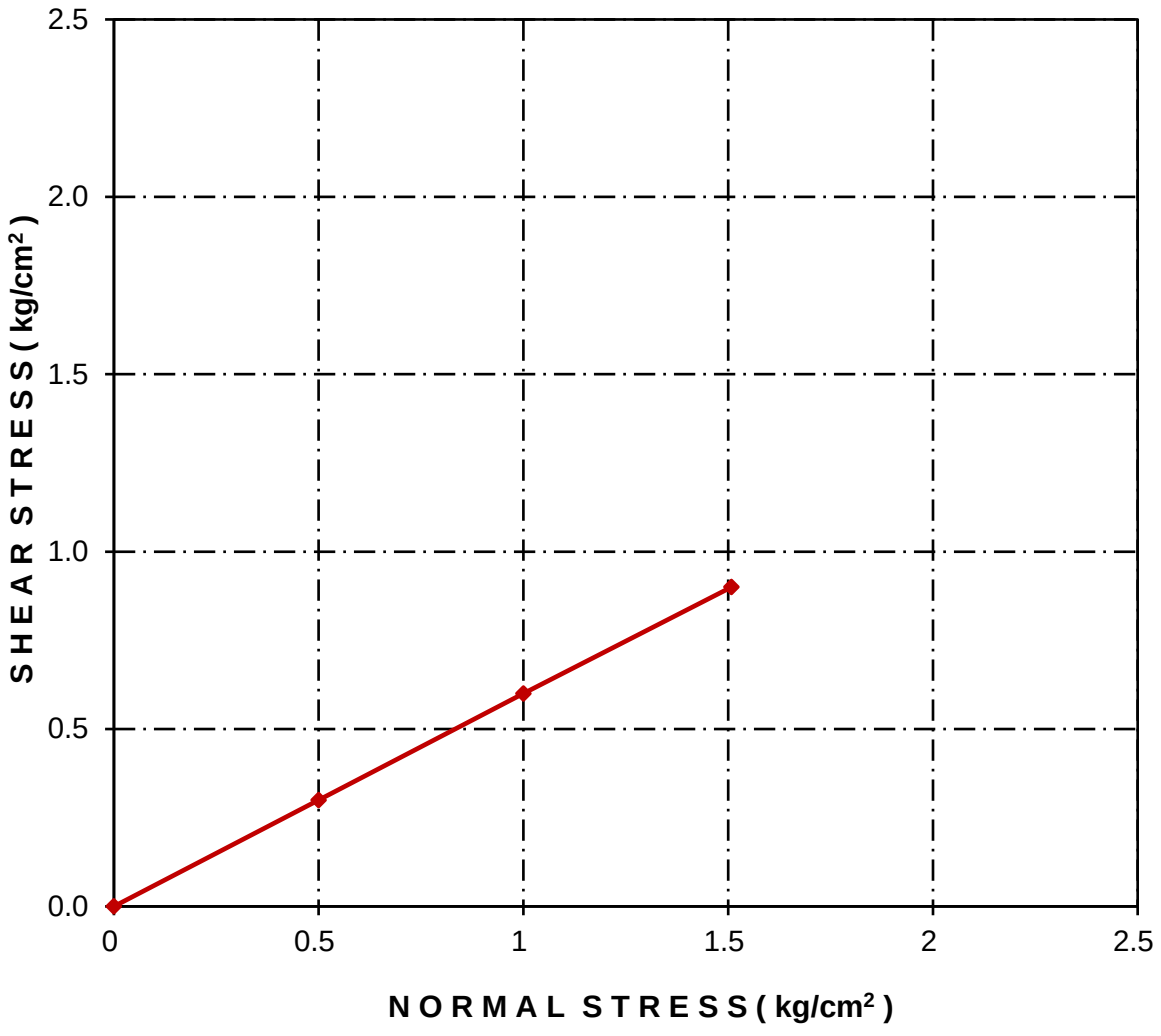


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 80

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	4	**Dry Density (gm/cc)**	1.59
Depth :	8.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	31

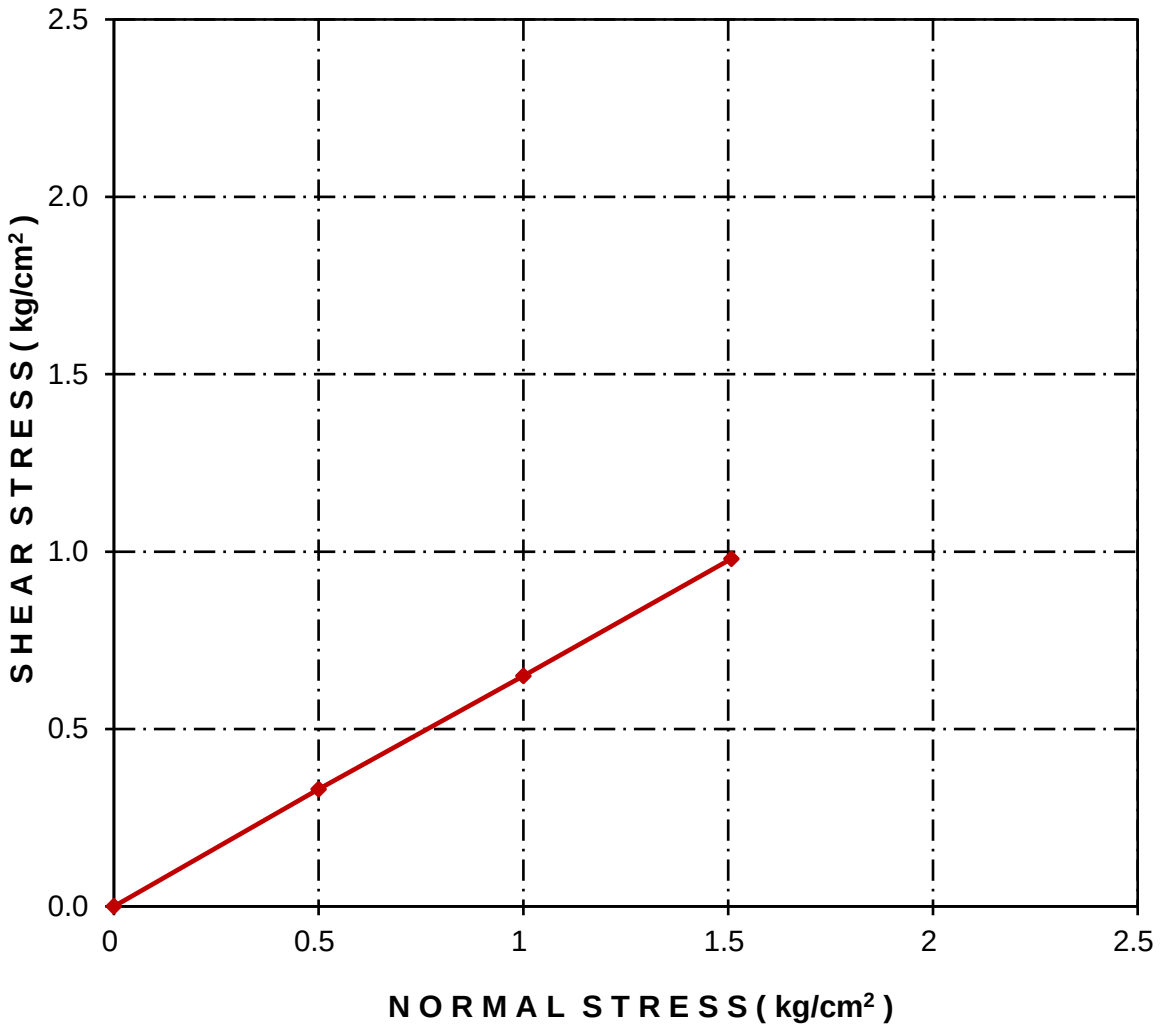


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 81

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	4	**Dry Density (gm/cc)**	1.65
Depth :	17.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	33



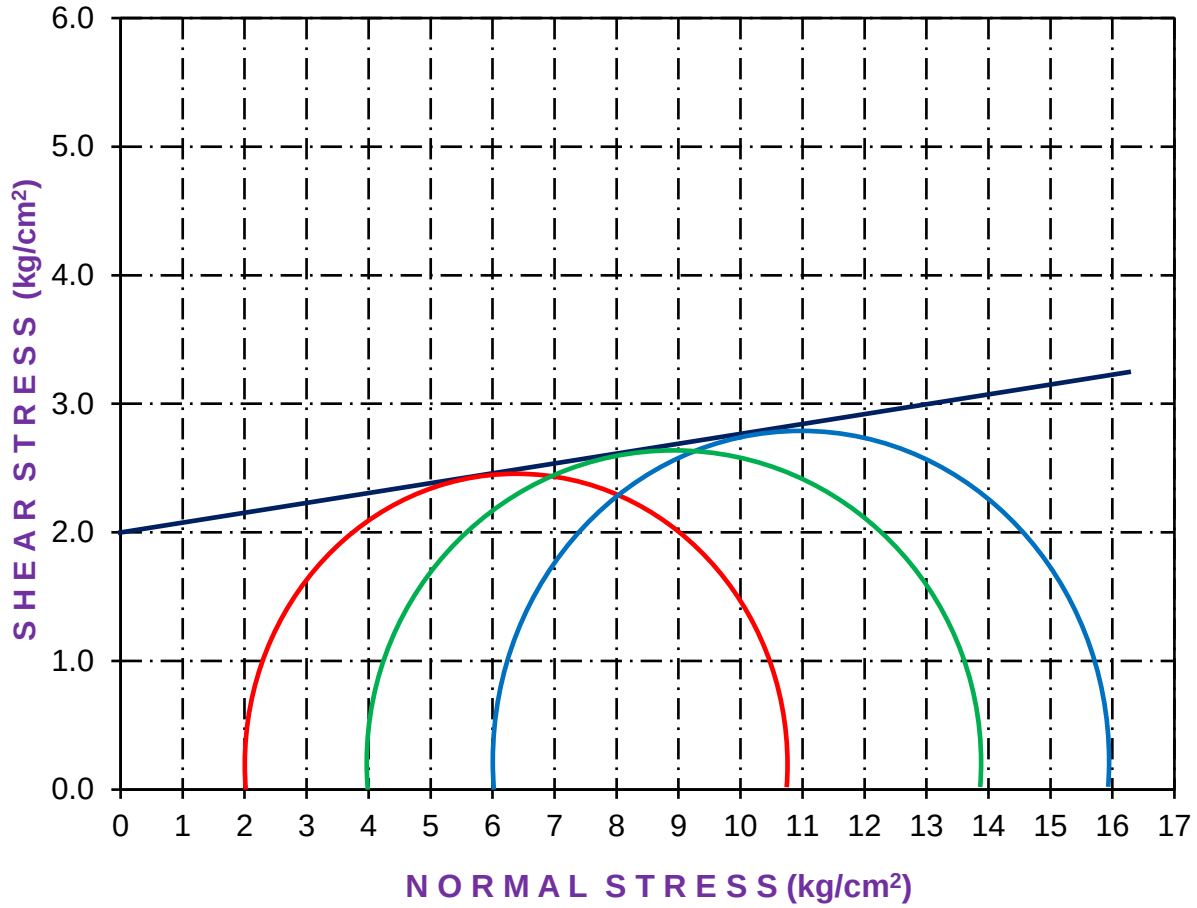
PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. *GEOTECHNICAL CONSULTANTS*	Fig. 82

UNCONSOLIDATED UNDRAINED TRIAXIAL TEST

Borehole No:	4		**Depth :**	23.25m

BULK DENSITY (gm/cc)	DRY DENSITY (gm/cc)	MOISTURE CONTENT (%)	"C" Value (kg/cm^2)	φ Value (Degree)
2.07	1.75	18.2	2.00	9

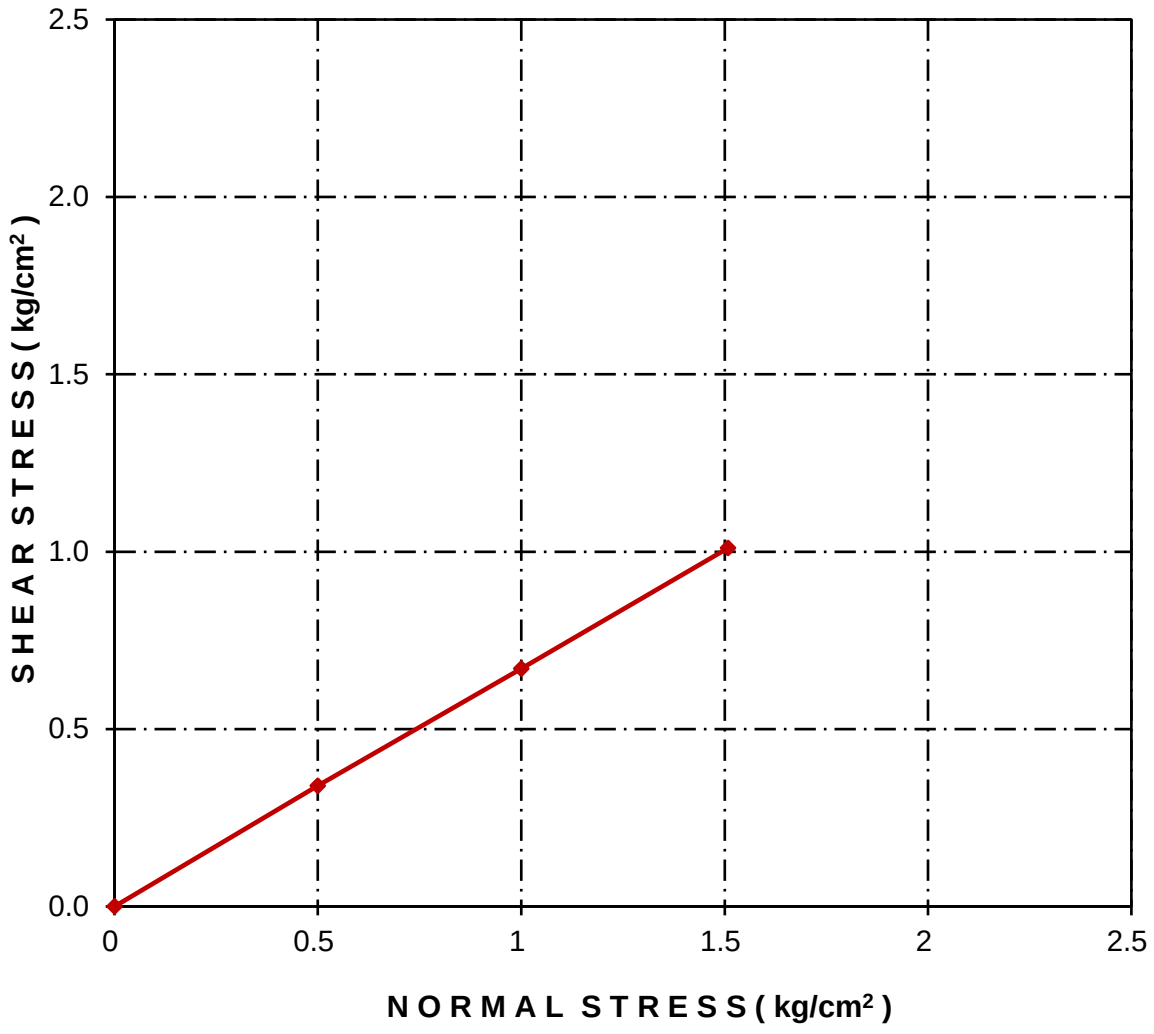


PROJECT : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 83

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	4	**Dry Density (gm/cc)**	1.69
Depth :	29.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	34

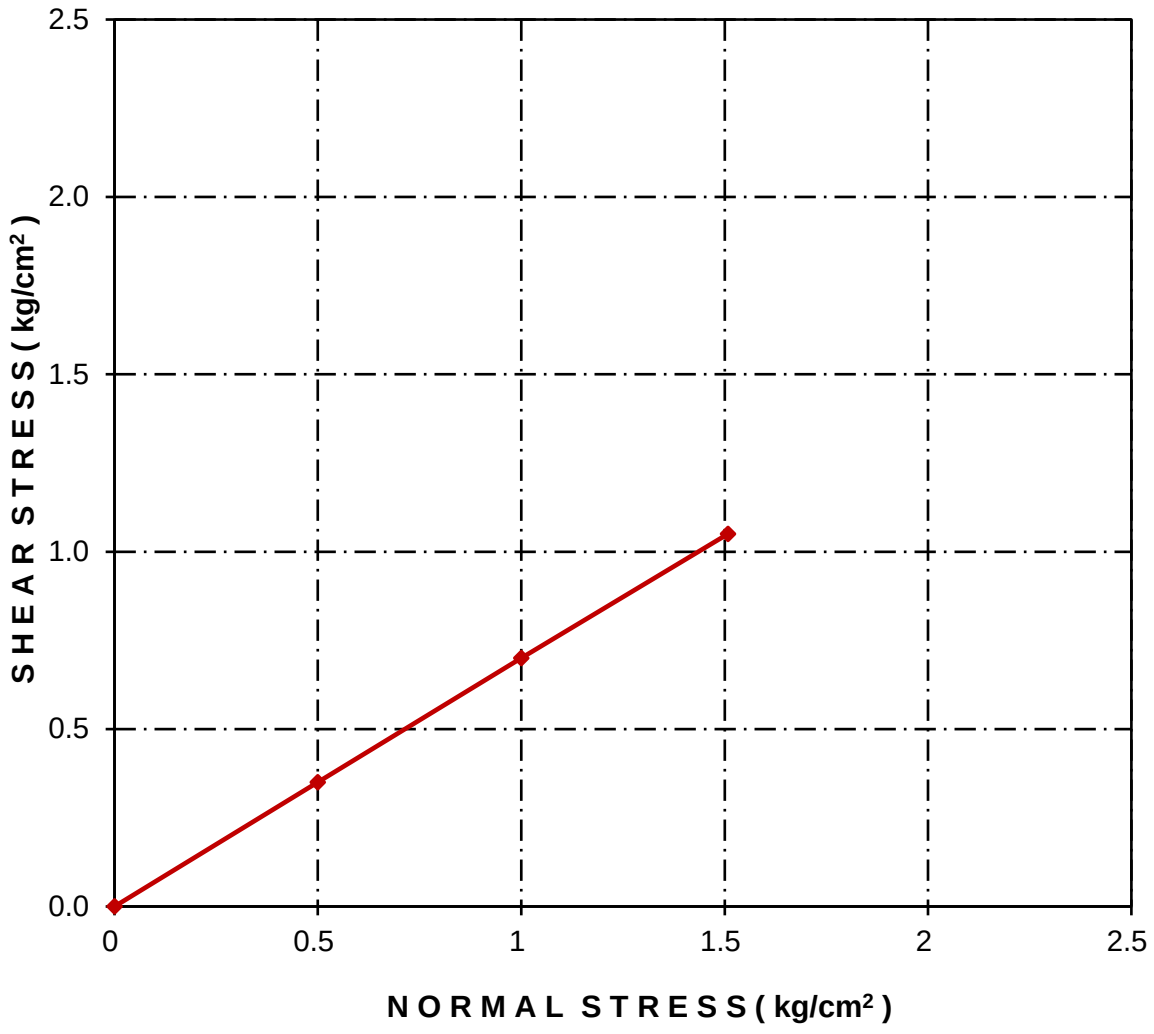


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 84

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	4	**Dry Density (gm/cc)**	1.74
Depth :	38.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	35

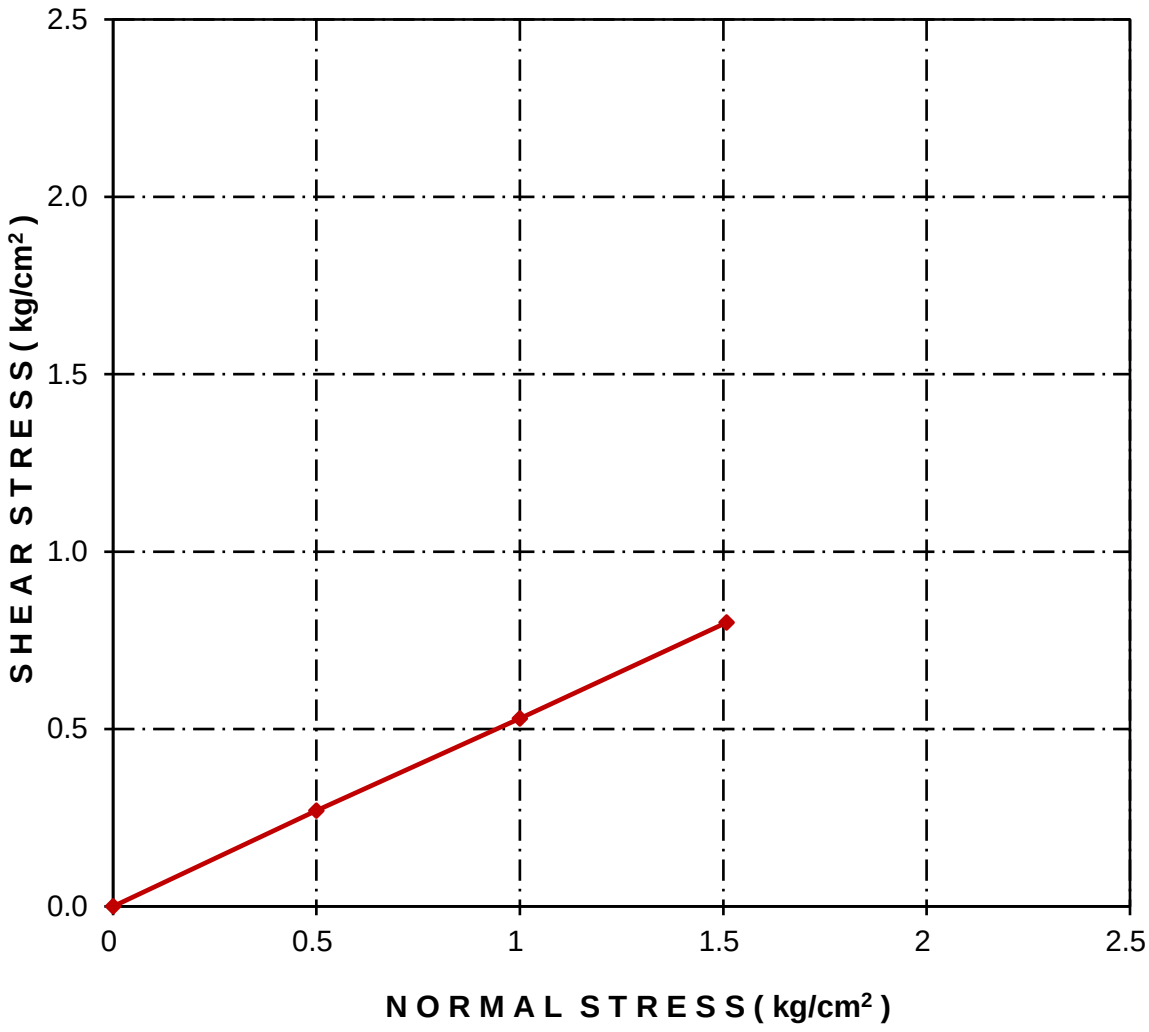


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 85

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	5	**Dry Density (gm/cc)**	1.5
Depth :	2.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	28

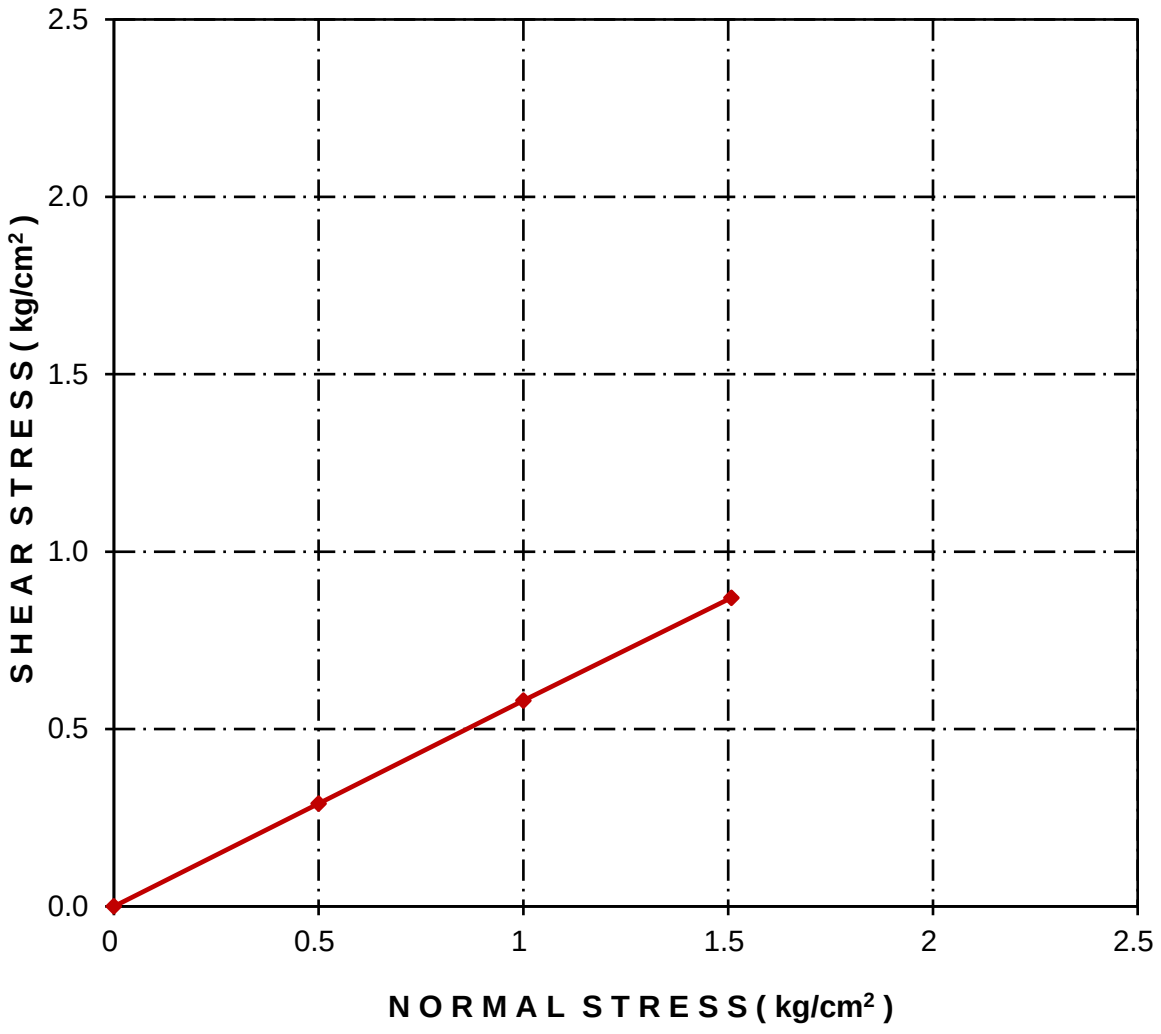


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 86

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	5	**Dry Density (gm/cc)**	1.55
Depth :	8.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	30

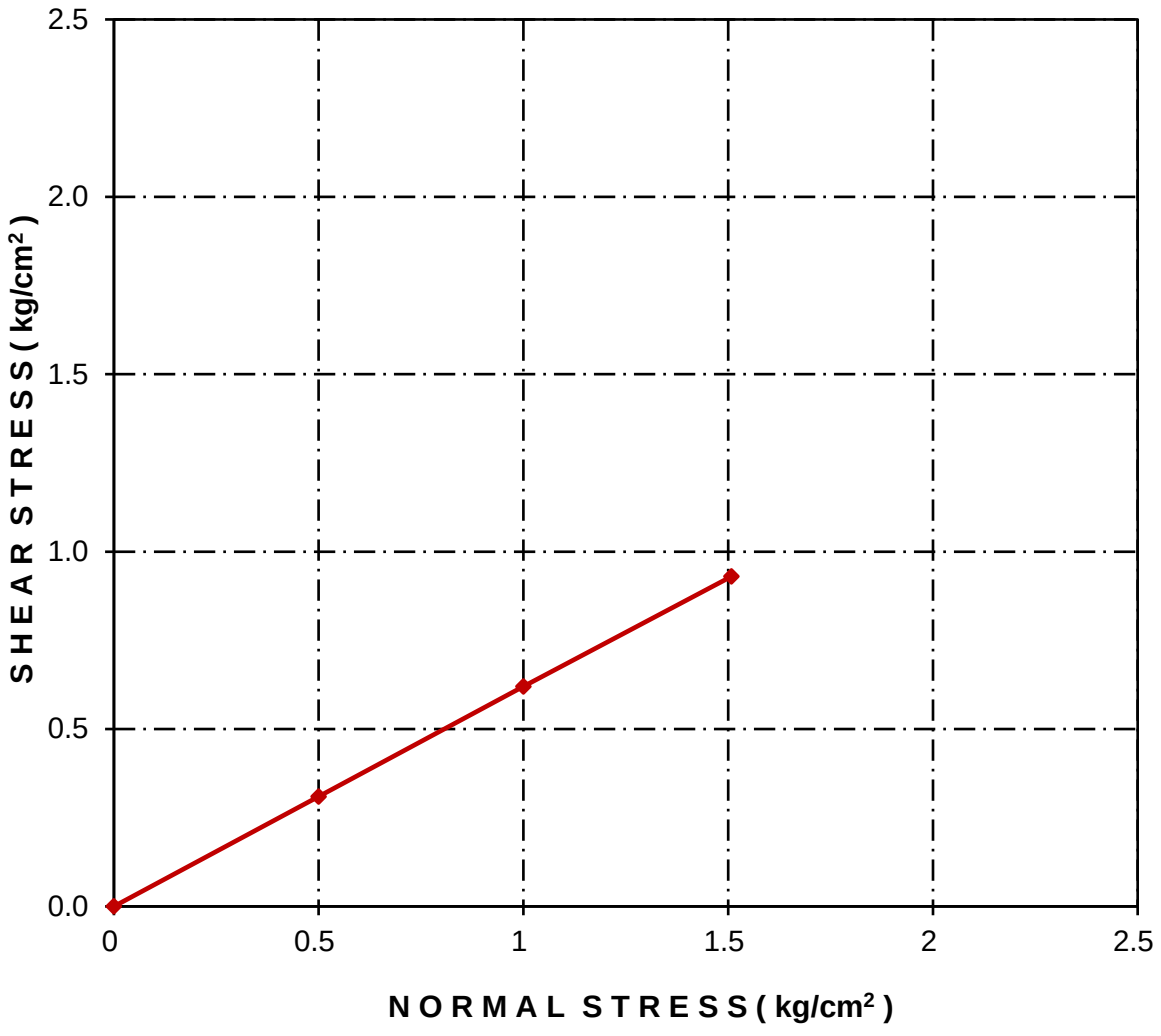


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 87

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	5	**Dry Density (gm/cc)**	1.64
Depth :	11.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	32



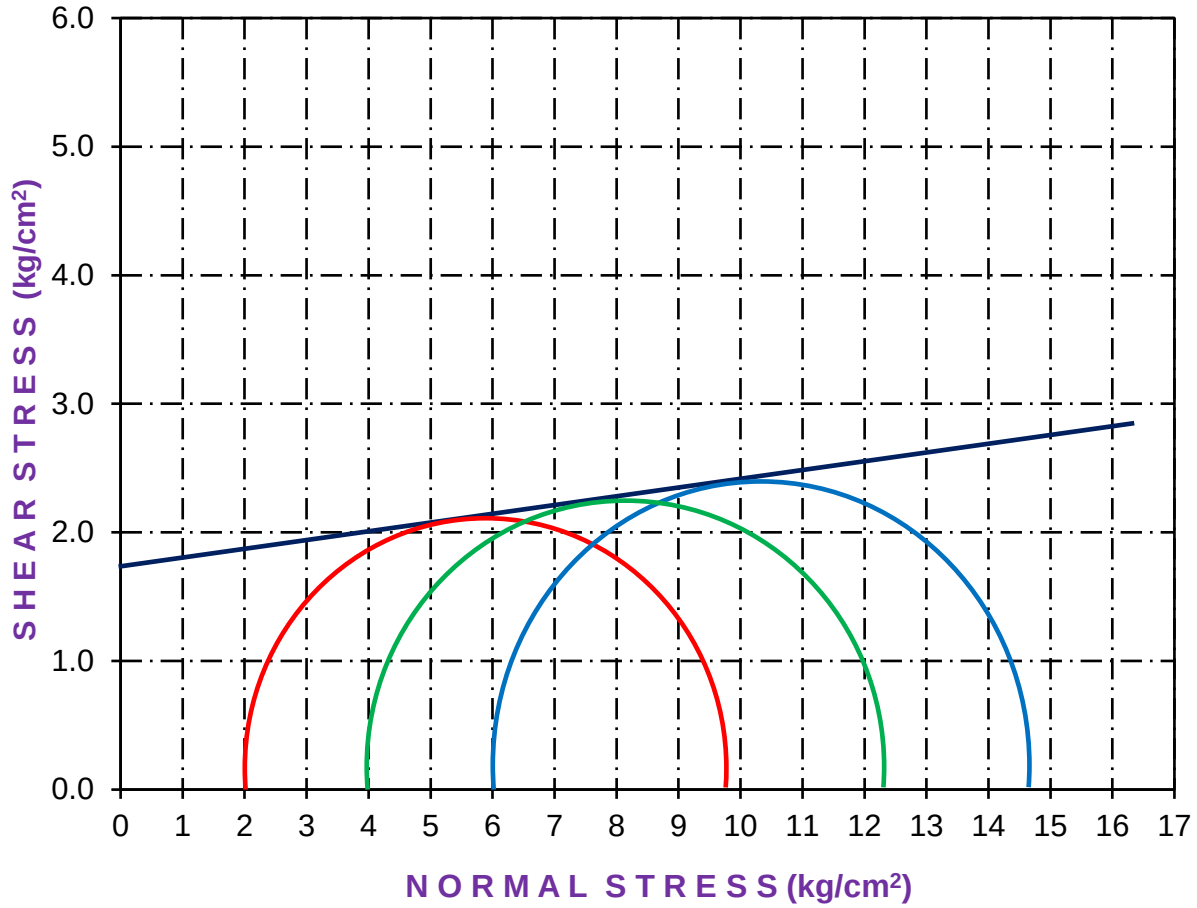
PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. *GEOTECHNICAL CONSULTANTS*	Fig. 88

UNCONSOLIDATED UNDRAINED TRIAXIAL TEST

Borehole No:	5		**Depth :**	23.25m

BULK DENSITY (gm/cc)	DRY DENSITY (gm/cc)	MOISTURE CONTENT (%)	"C" Value (kg/cm^2)	φ Value (Degree)
2.12	1.78	19.2	1.80	8

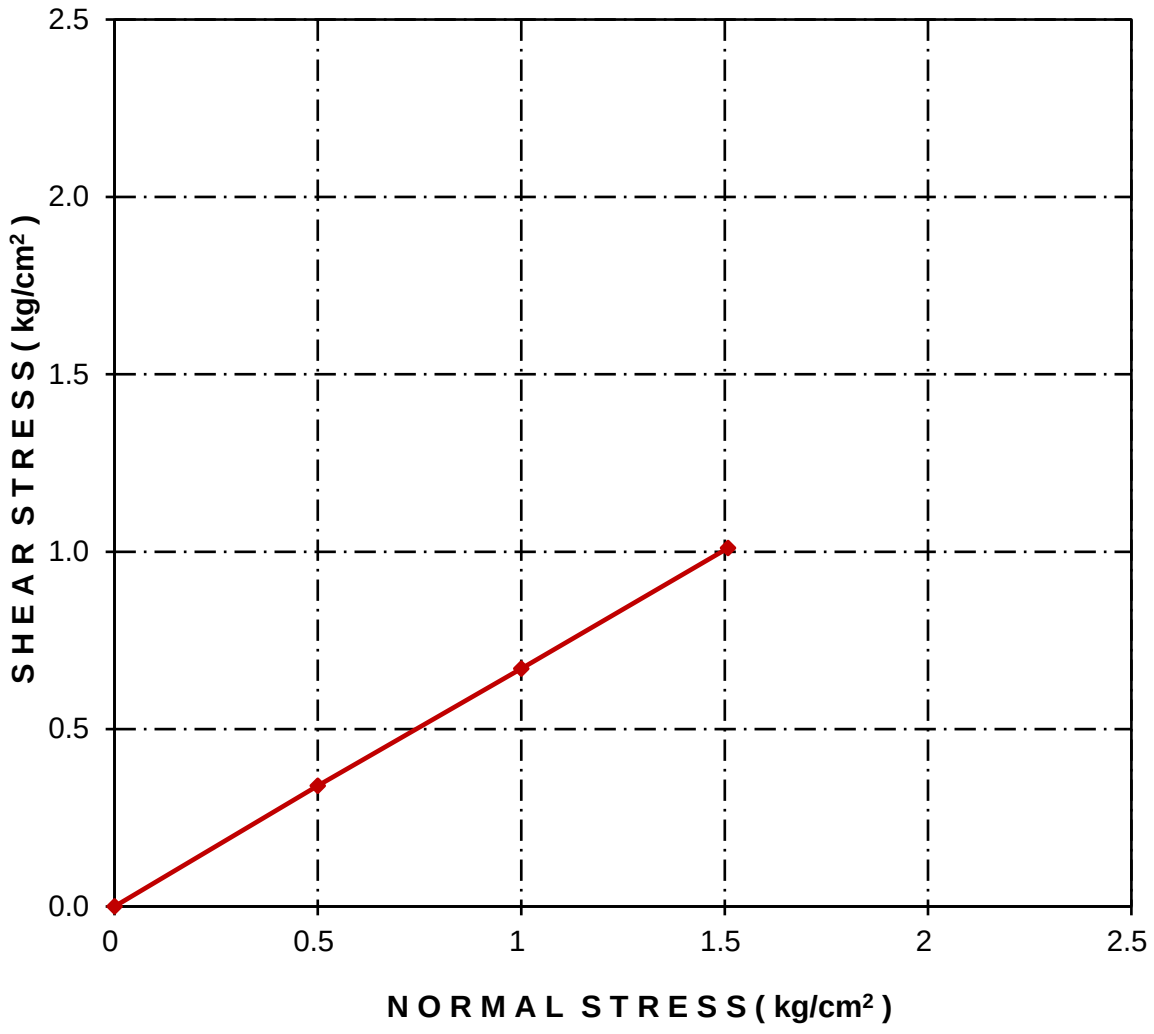


PROJECT : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 89

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	5	**Dry Density (gm/cc)**	1.68
Depth :	29.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	34

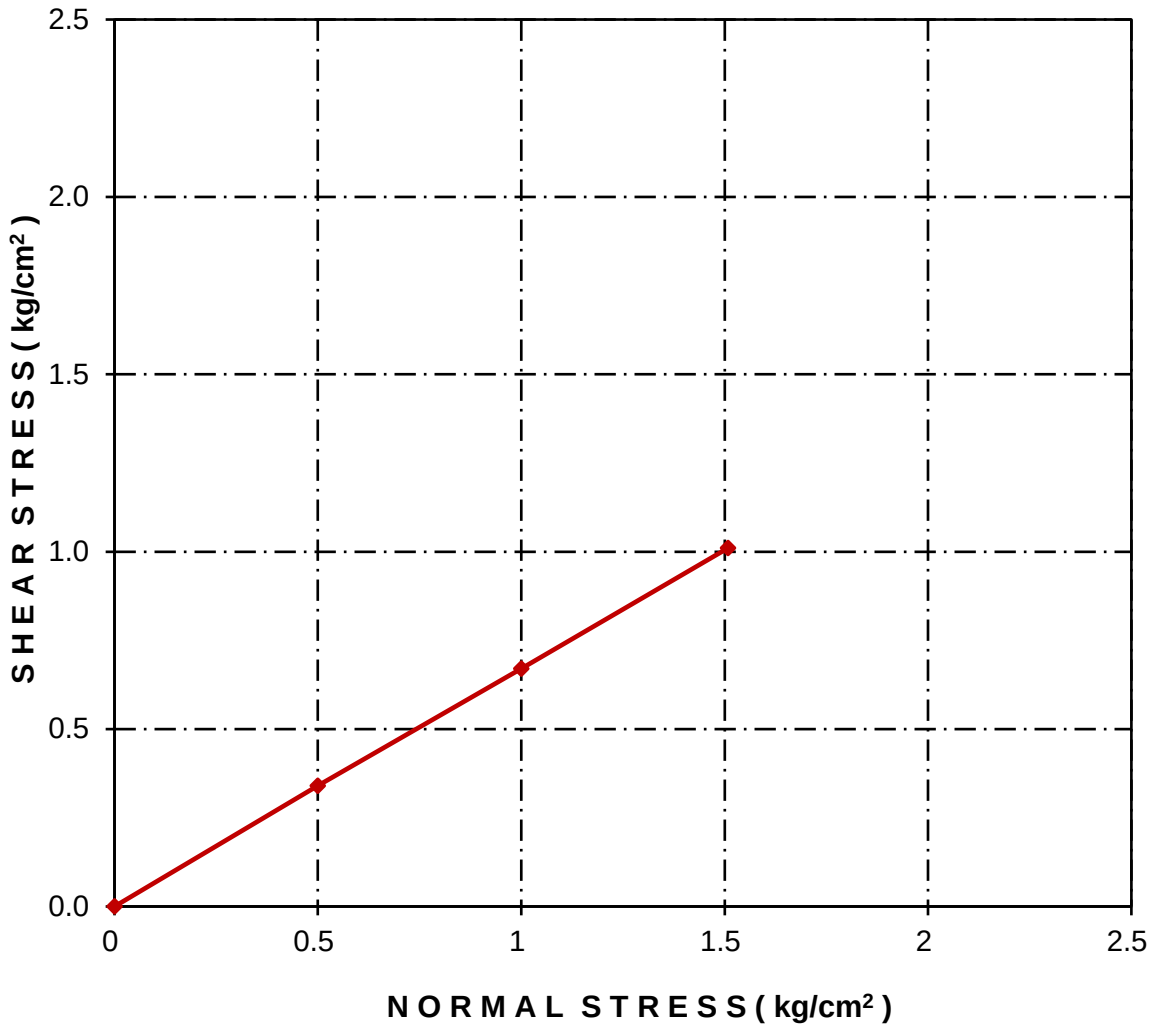


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 90

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	5	**Dry Density (gm/cc)**	1.71
Depth :	38.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	34

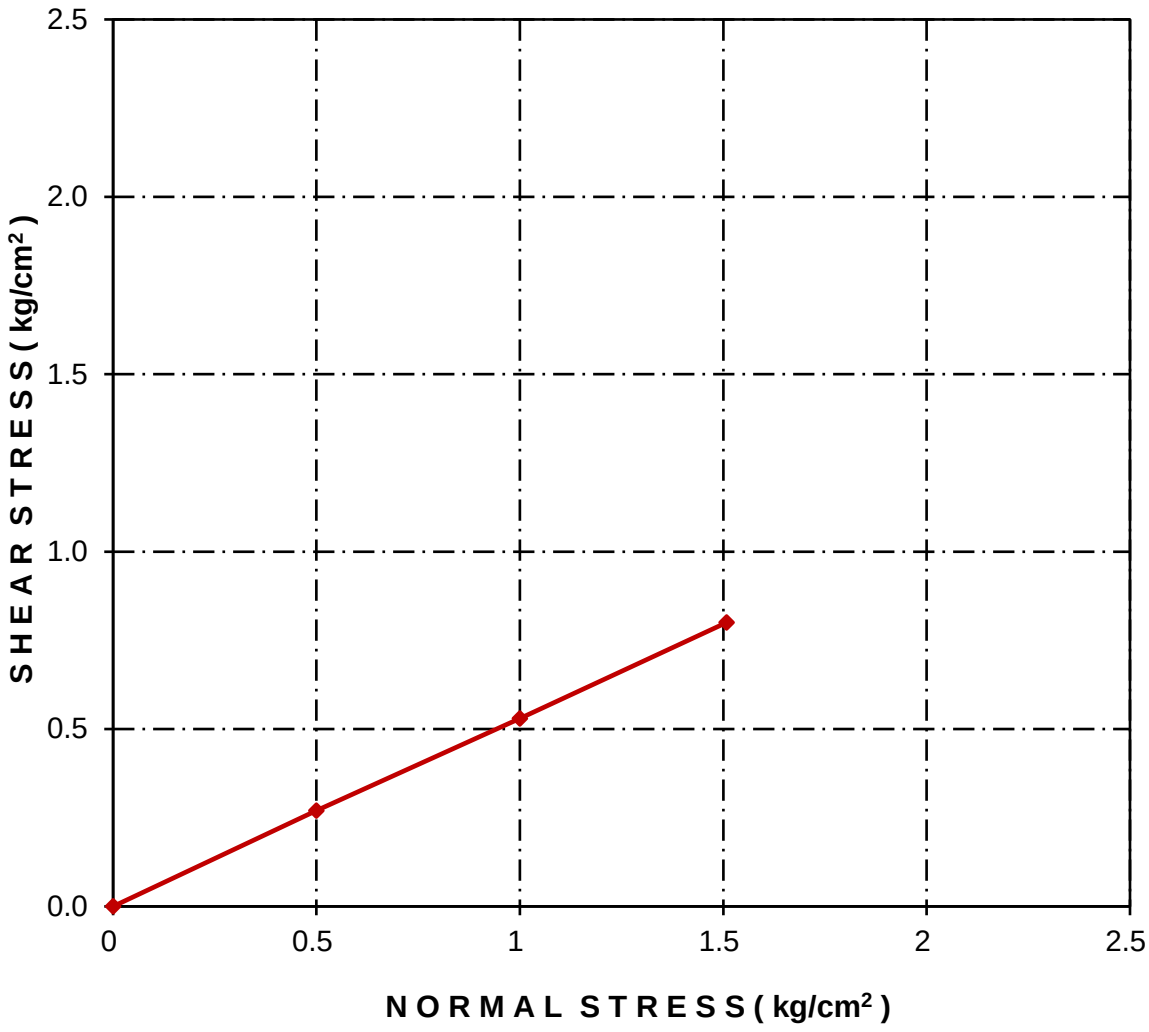


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 91

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	6	**Dry Density (gm/cc)**	1.52
Depth :	2.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	28

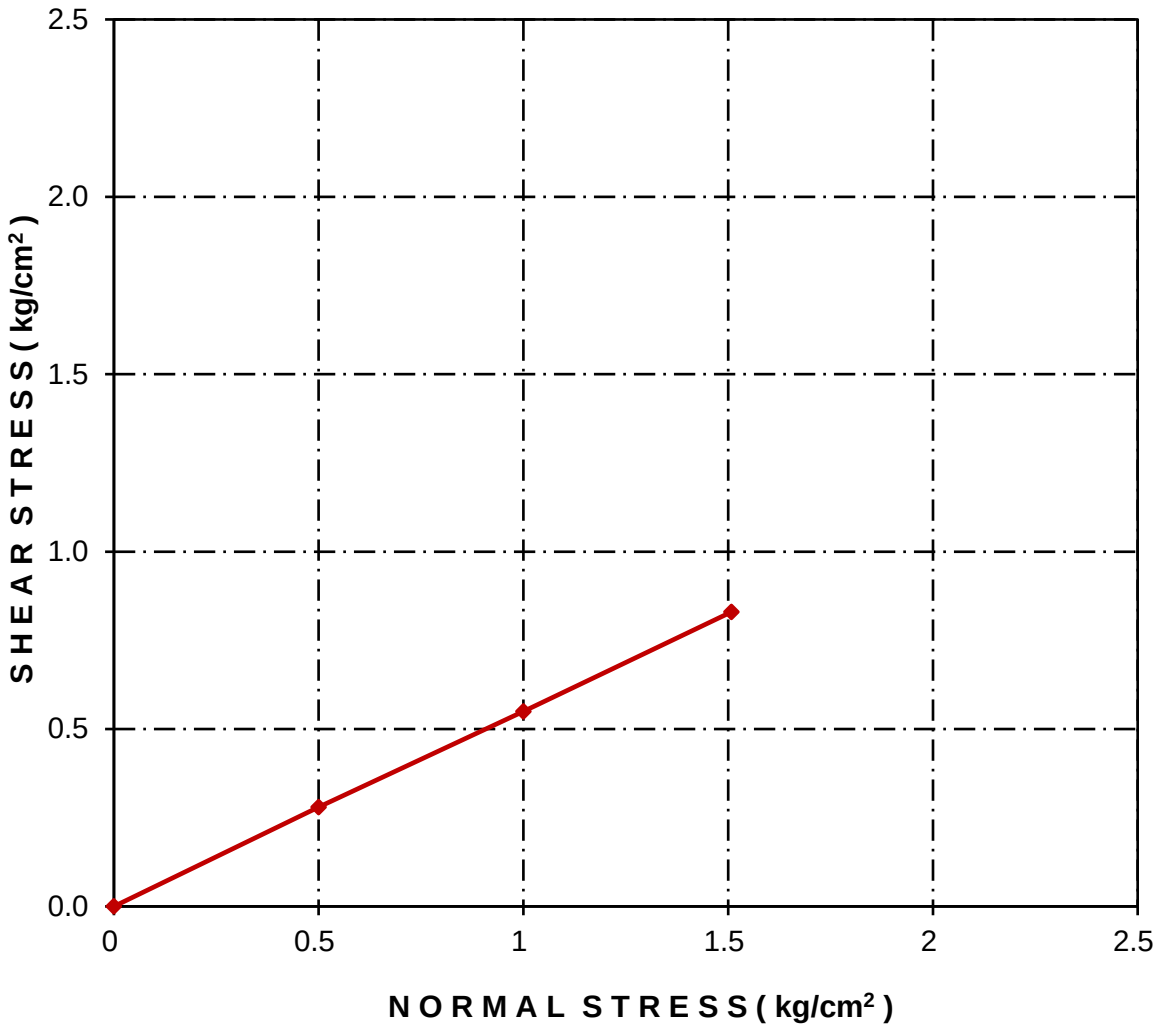


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 92

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	6	**Dry Density (gm/cc)**	1.6
Depth :	8.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	29

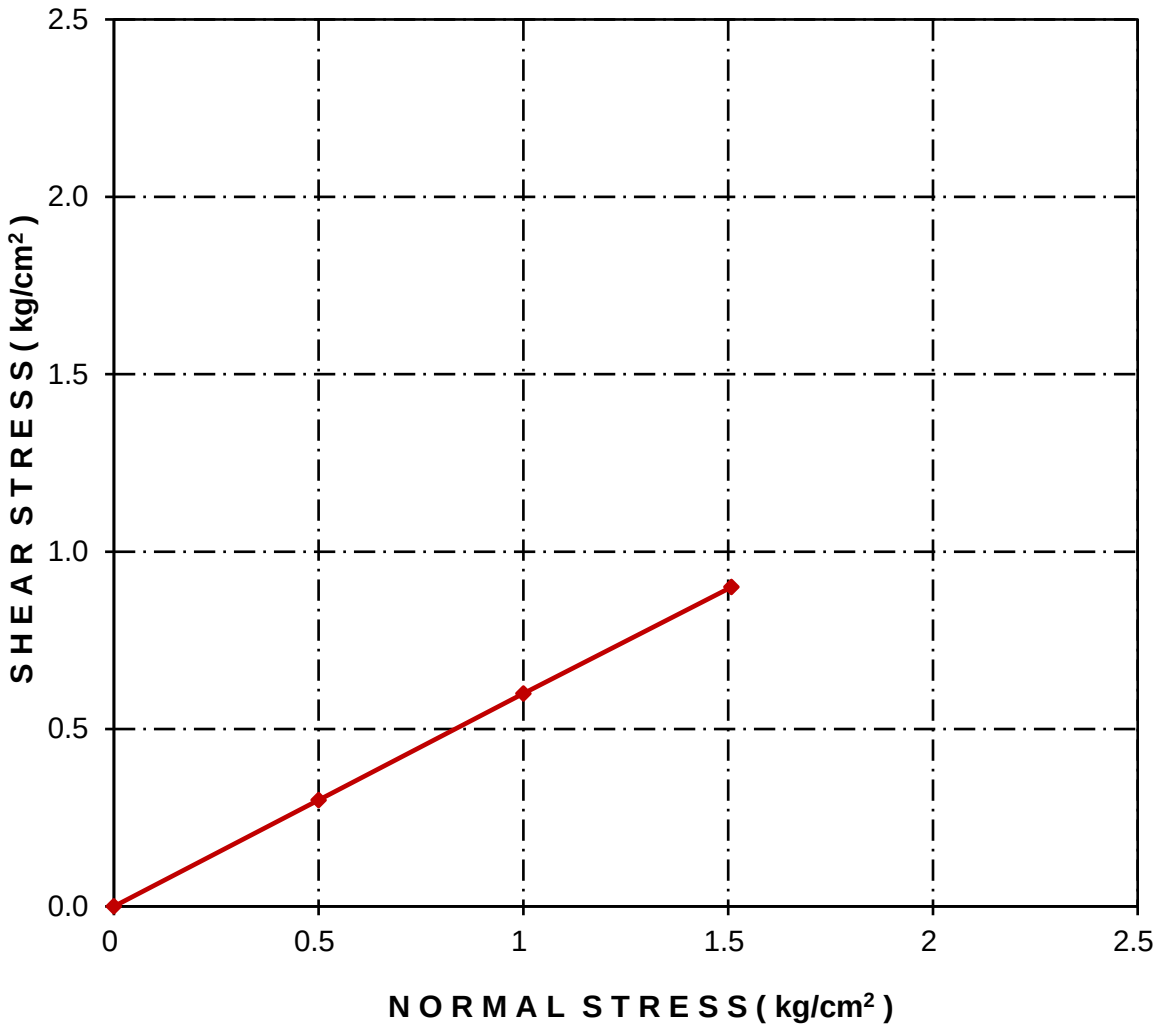


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 93

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	6	**Dry Density (gm/cc)**	1.62
Depth :	11.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	31



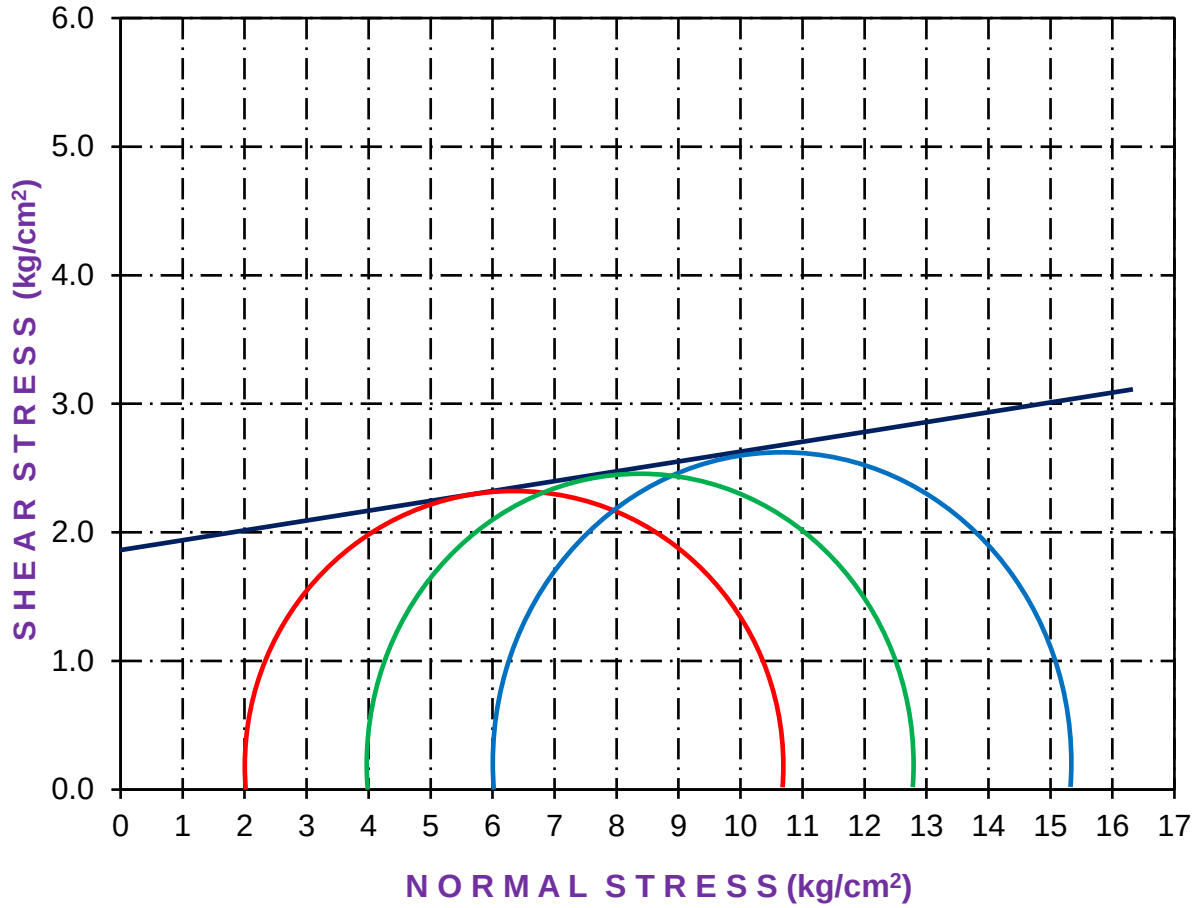
PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. *GEOTECHNICAL CONSULTANTS*	Fig. 94

UNCONSOLIDATED UNDRAINED TRIAXIAL TEST

Borehole No:	6		**Depth :**	23.25m

BULK DENSITY (gm/cc)	DRY DENSITY (gm/cc)	MOISTURE CONTENT (%)	"C" Value (kg/cm^2)	φ Value (Degree)
1.99	1.71	16.2	1.90	9

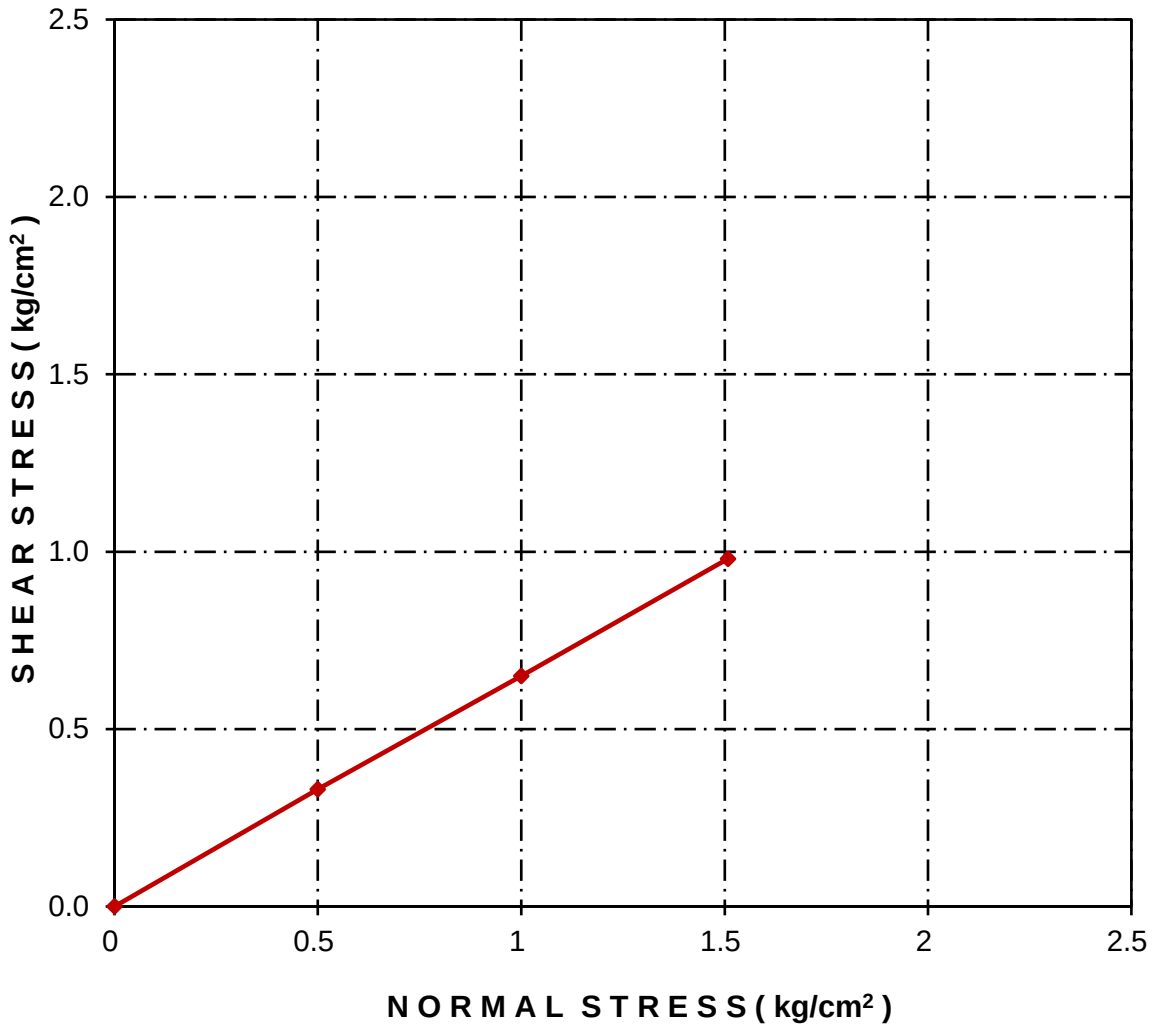


PROJECT : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 95

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	6	**Dry Density (gm/cc)**	1.7
Depth :	29.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	33

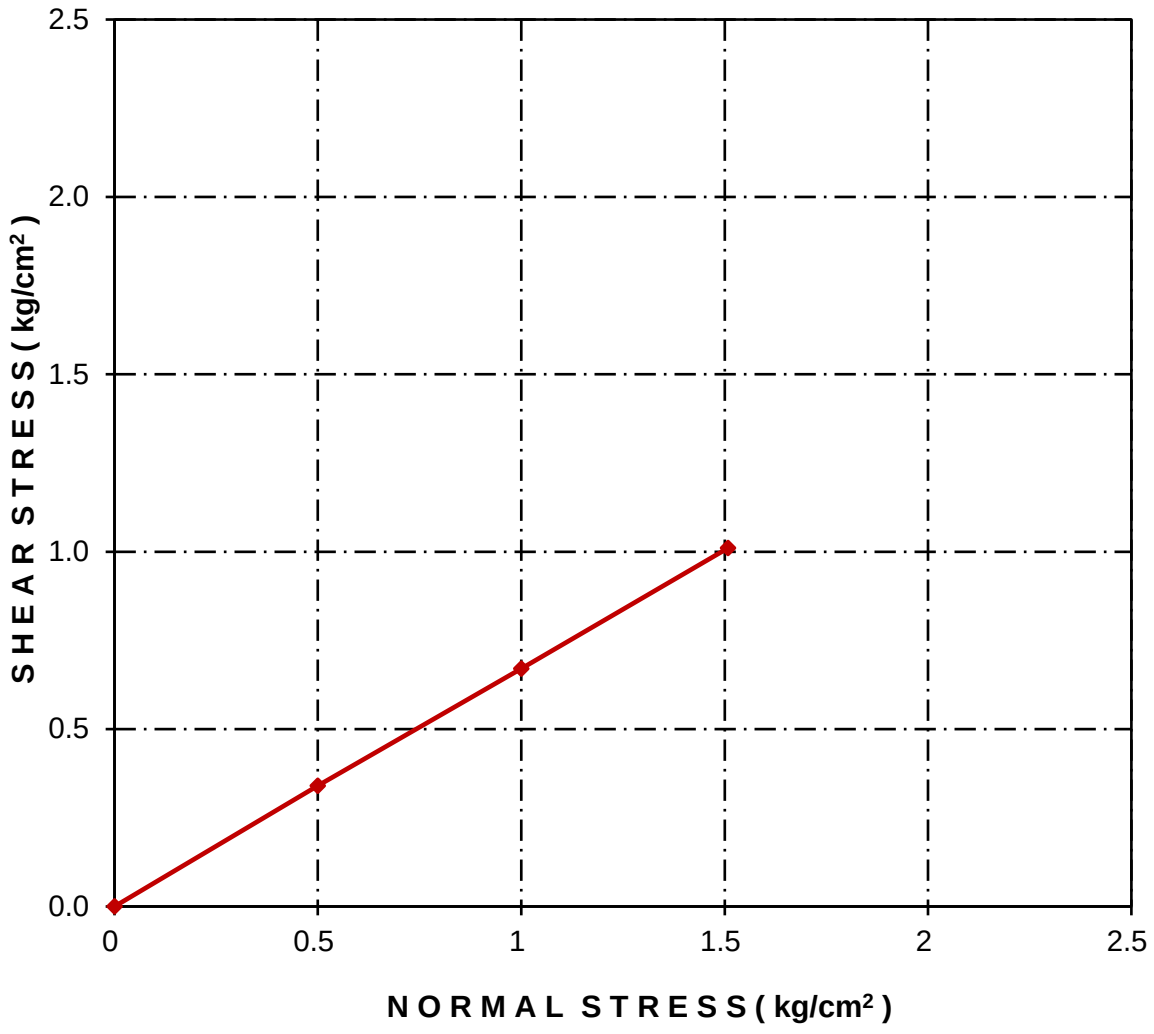


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 96

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	6	**Dry Density (gm/cc)**	1.72
Depth :	38.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	34

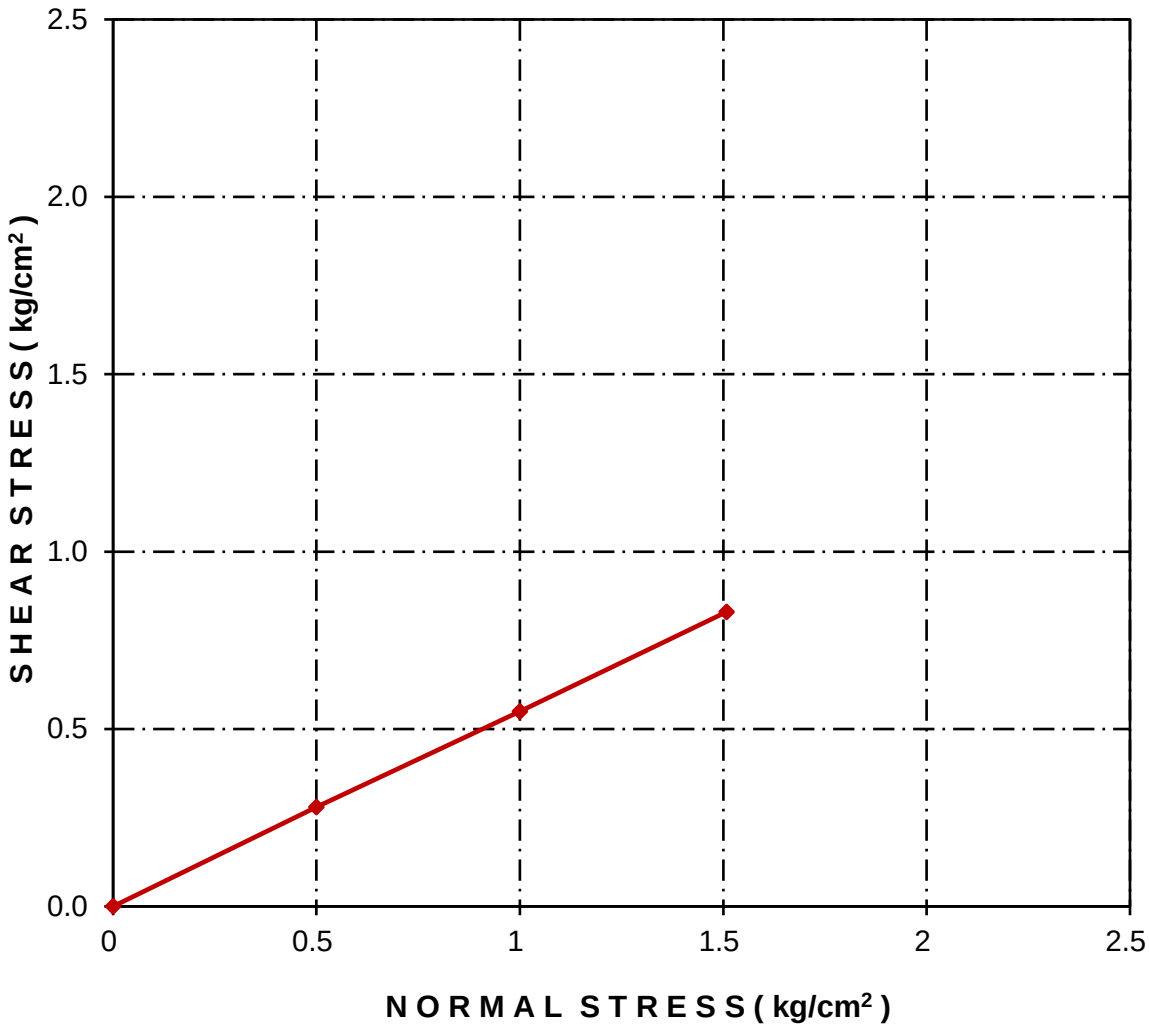


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 97

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	7	**Dry Density (gm/cc)**	1.53
Depth :	2.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	29

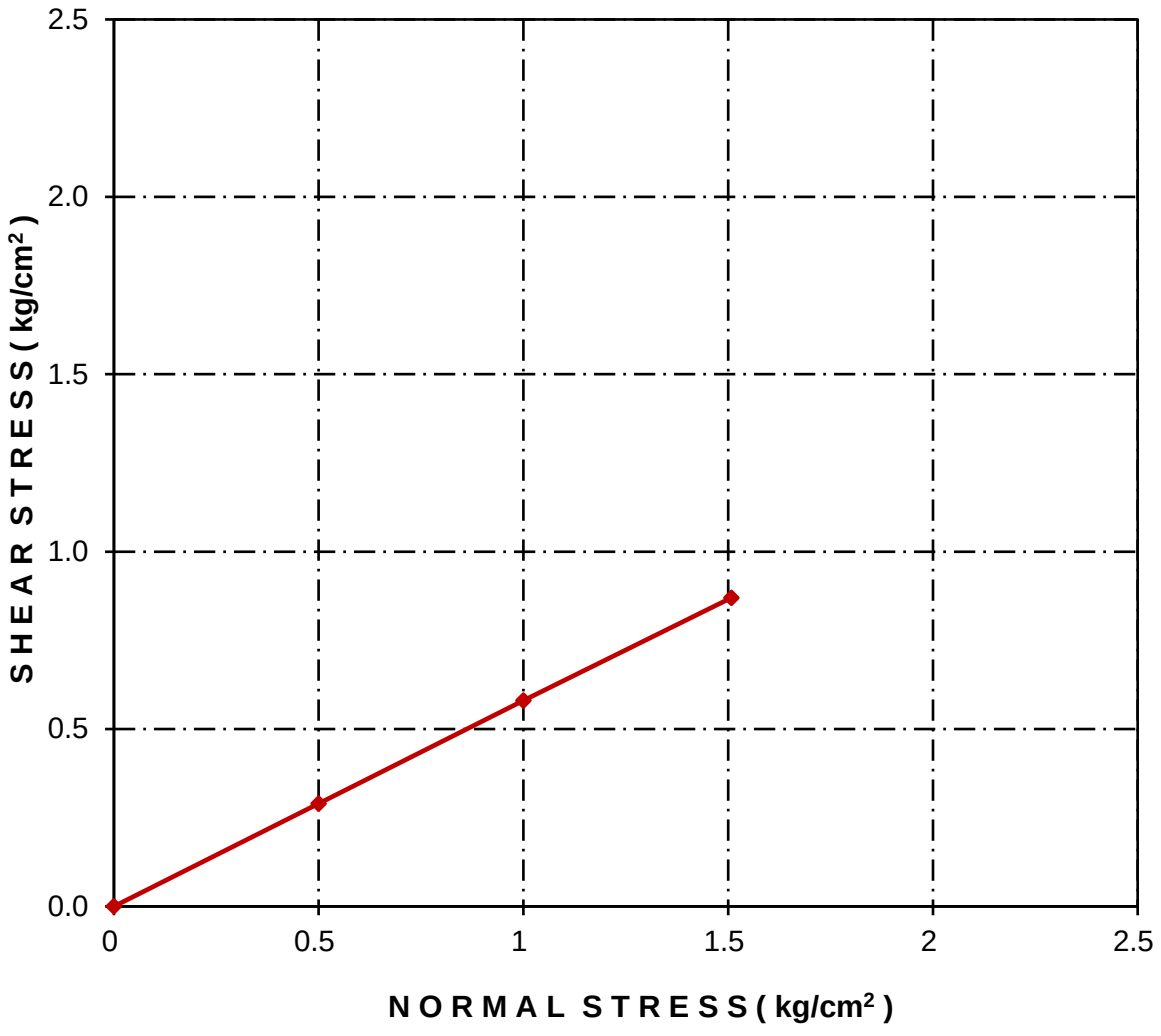


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 98

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	7	**Dry Density (gm/cc)**	1.58
Depth :	8.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	30

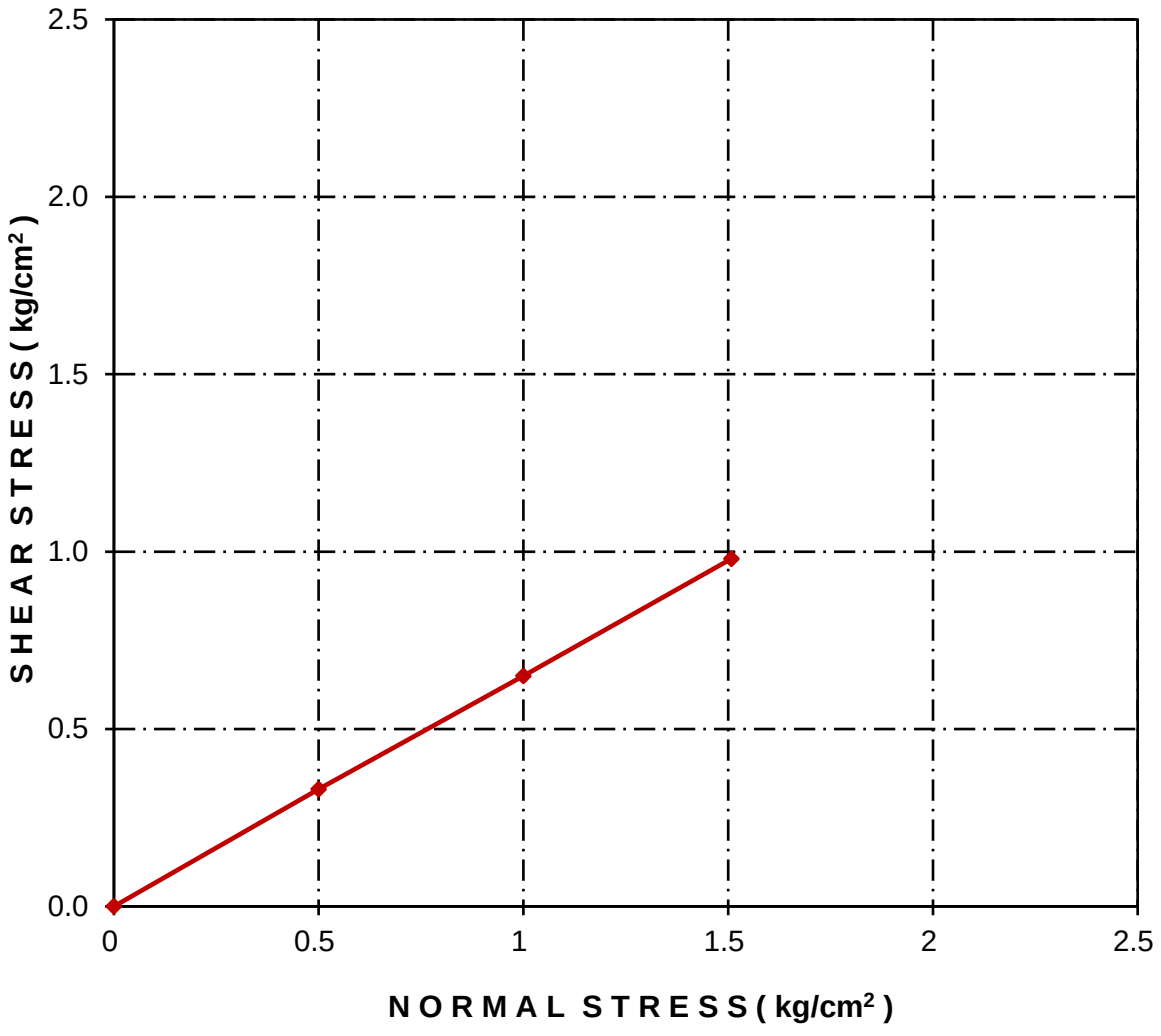


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 99

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	7	**Dry Density (gm/cc)**	1.61
Depth :	11.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	33



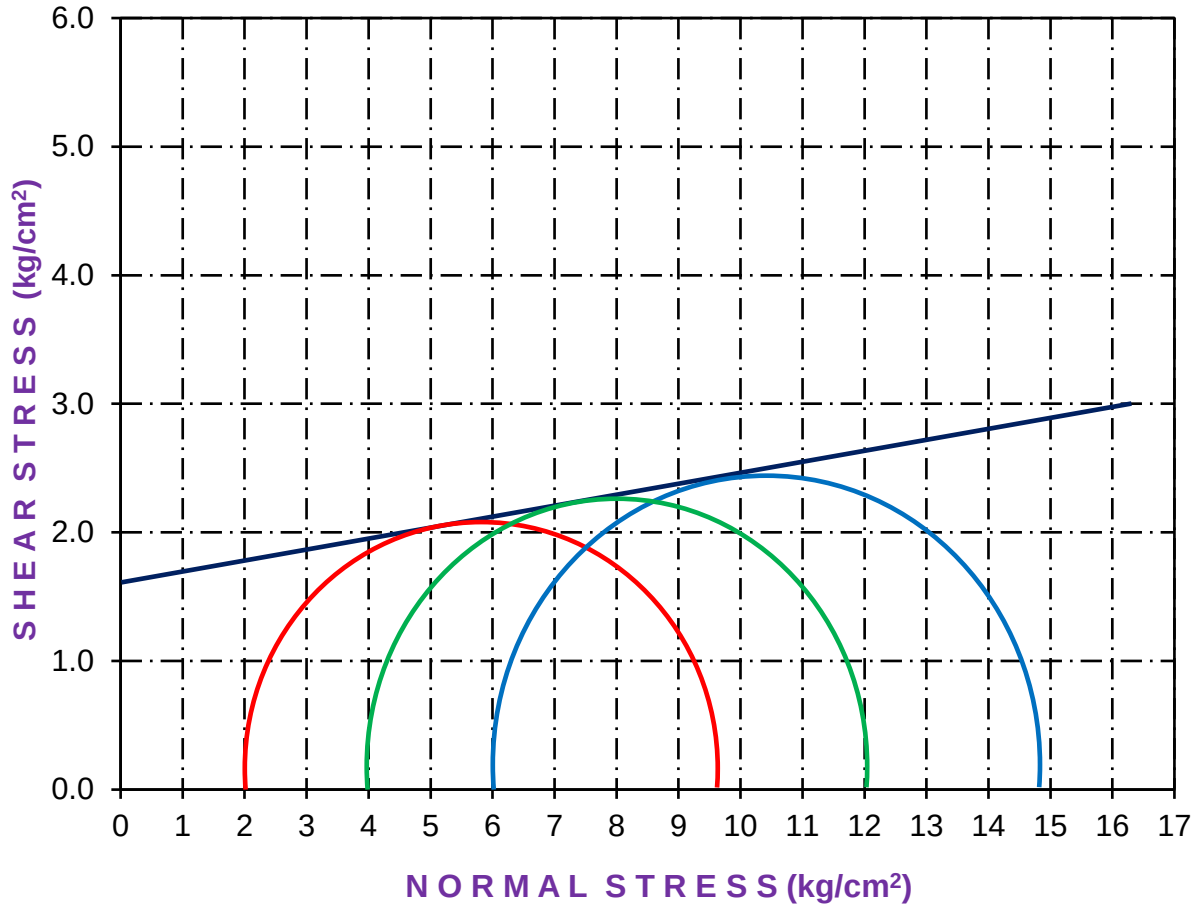
PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. *GEOTECHNICAL CONSULTANTS*	Fig.100

UNCONSOLIDATED UNDRAINED TRIAXIAL TEST

Borehole No:	7		Depth :	23.25m

BULK DENSITY (gm/cc)	DRY DENSITY (gm/cc)	MOISTURE CONTENT (%)	"C" Value (kg/cm^2)	φ Value (Degree)
1.98	1.72	15.3	1.70	10

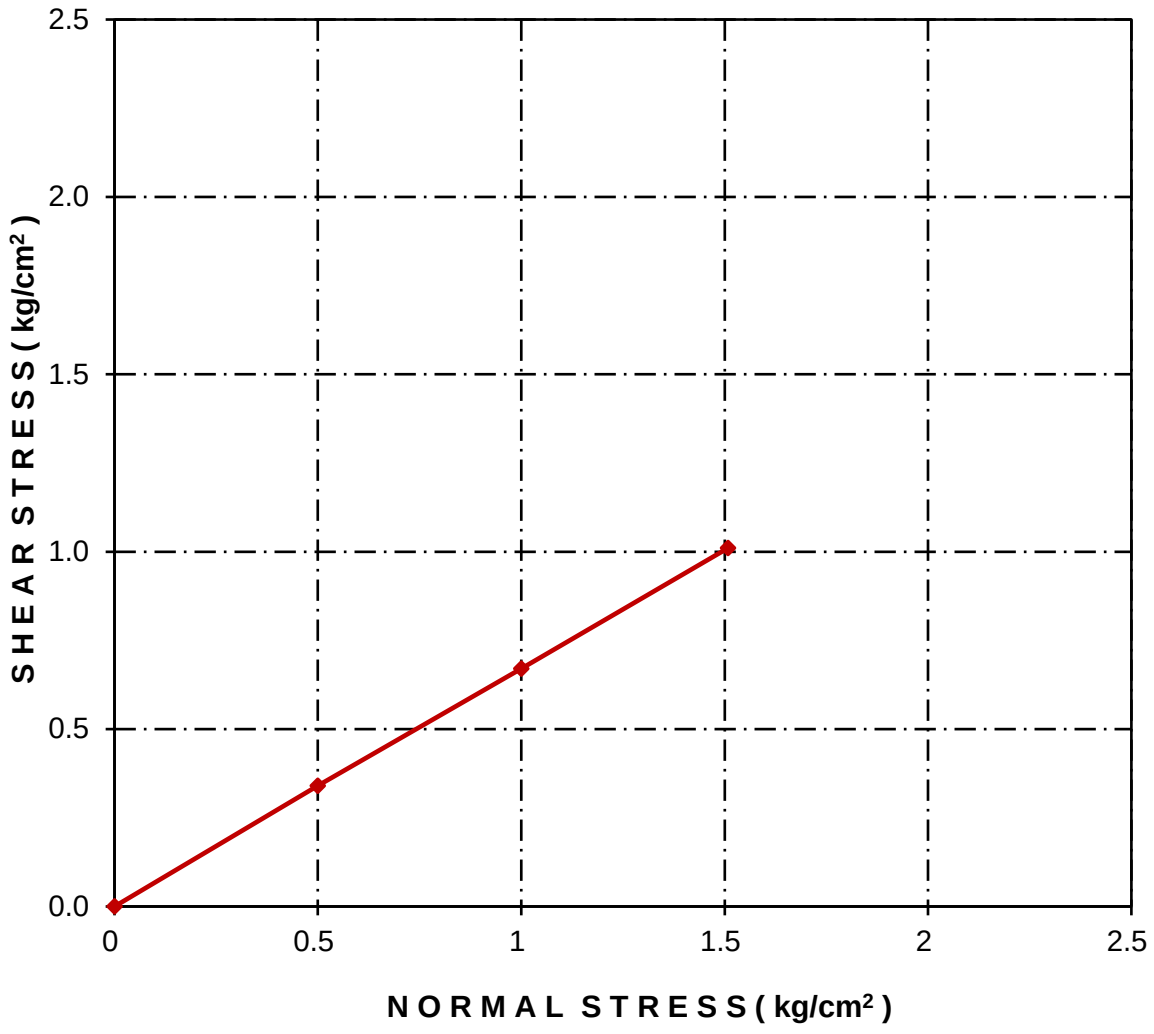


PROJECT : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 101

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	7	**Dry Density (gm/cc)**	1.72
Depth :	29.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	34

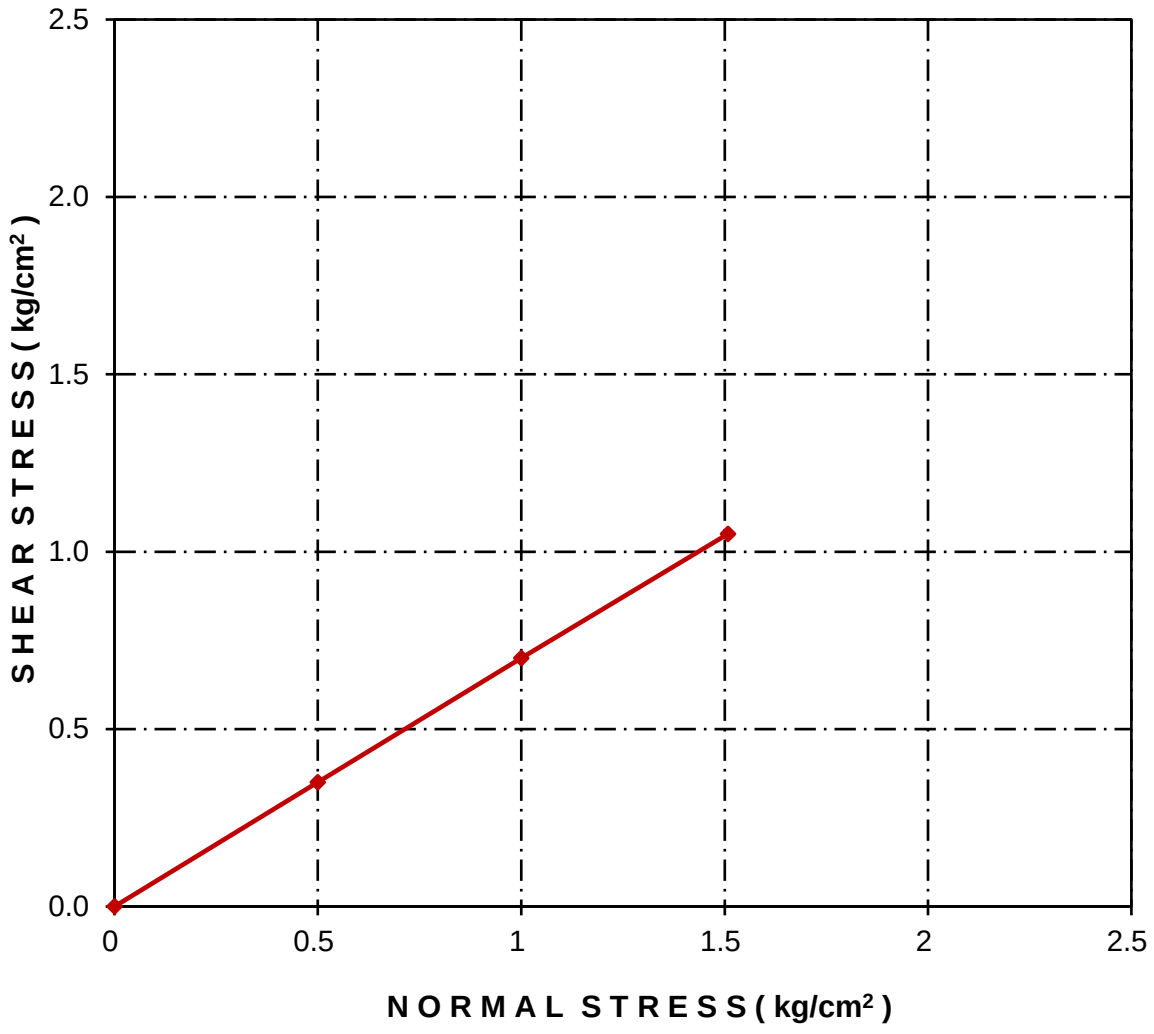


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 102

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	7	**Dry Density (gm/cc)**	1.71
Depth :	38.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	35

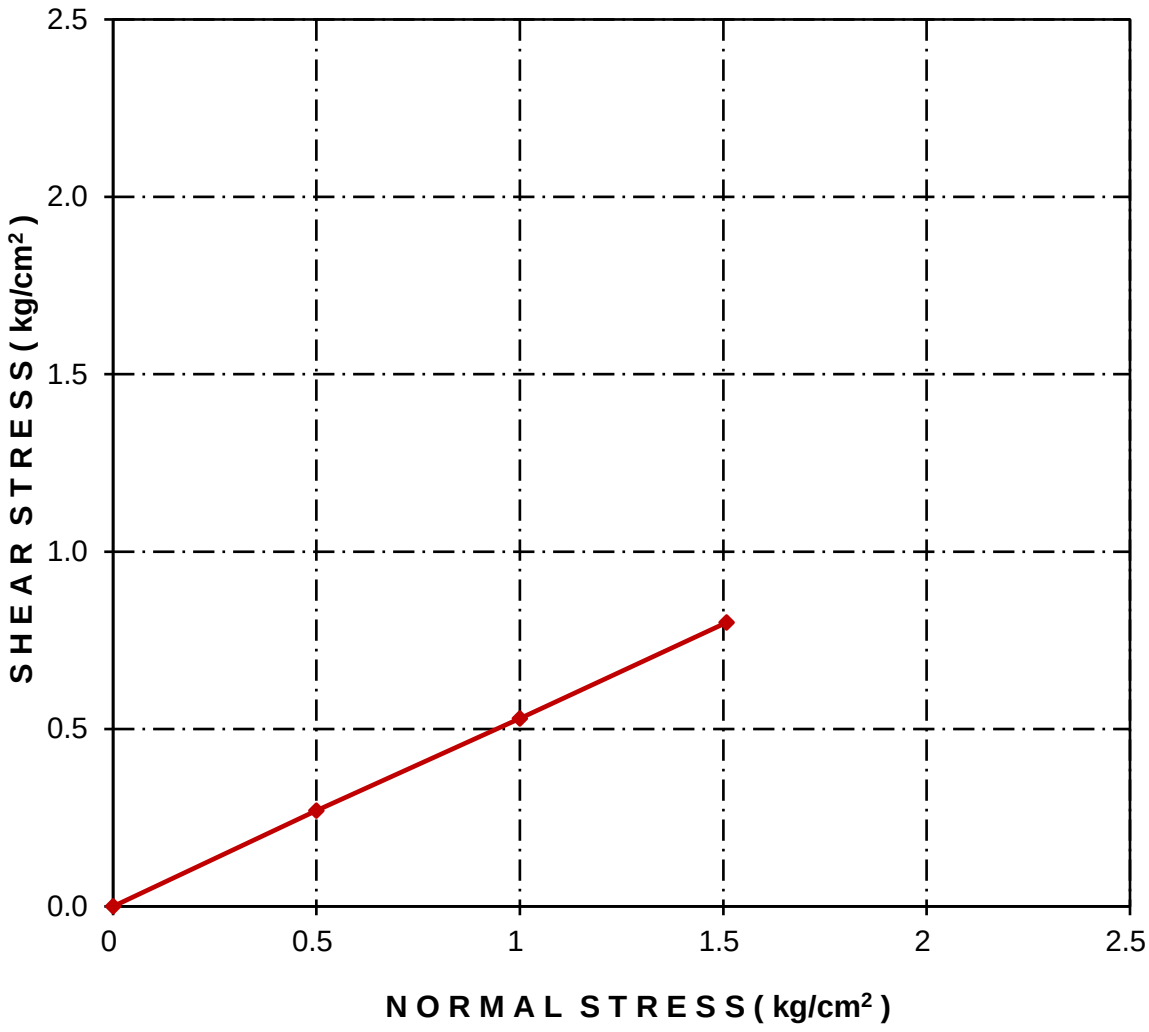


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 103

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	8	**Dry Density (gm/cc)**	1.5
Depth :	2.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	28

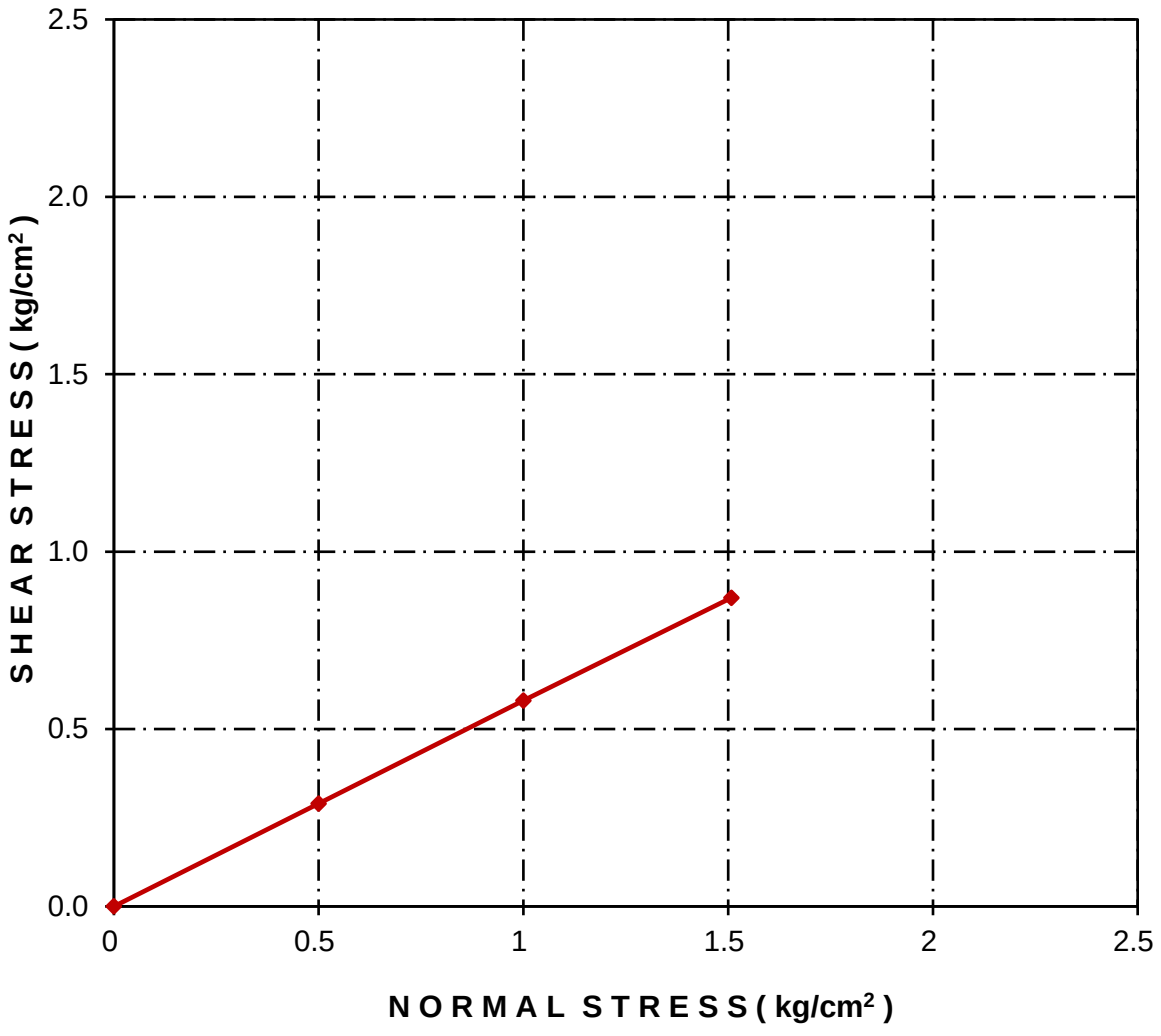


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 104

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	8	**Dry Density (gm/cc)**	1.56
Depth :	8.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	30

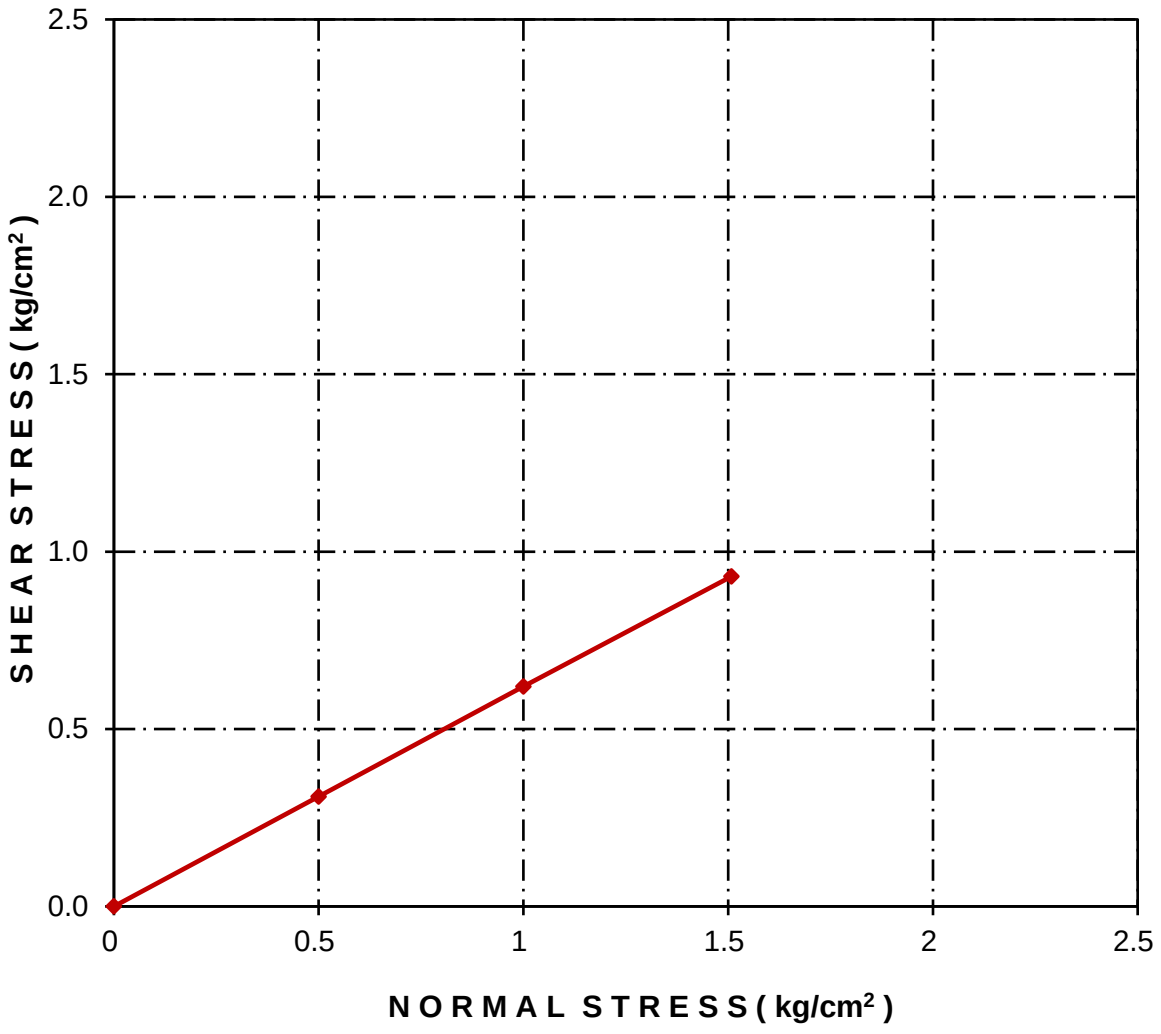


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 105

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	8	**Dry Density (gm/cc)**	1.6
Depth :	11.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	32



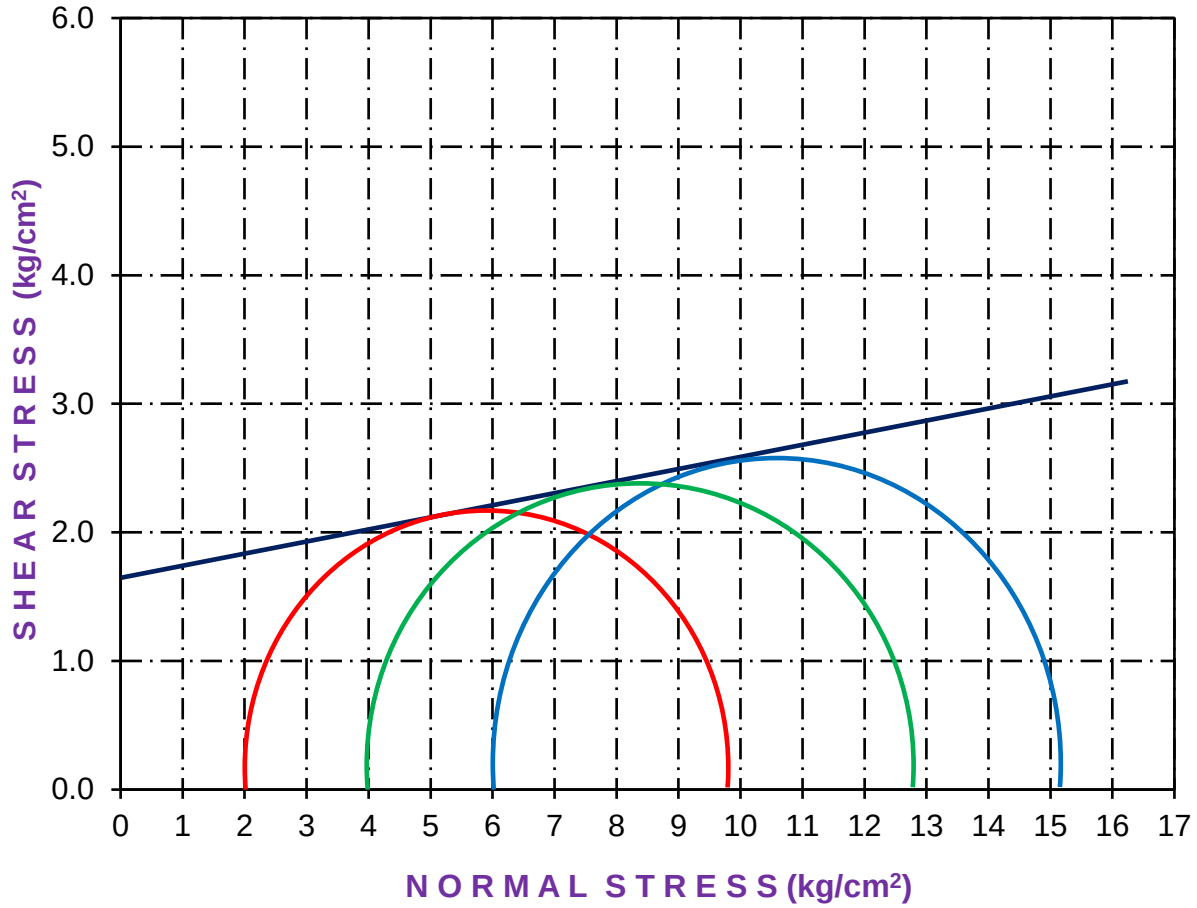
PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. *GEOTECHNICAL CONSULTANTS*	Fig. 106

UNCONSOLIDATED UNDRAINED TRIAXIAL TEST

Borehole No:	8		Depth :	17.25m

BULK DENSITY (gm/cc)	DRY DENSITY (gm/cc)	MOISTURE CONTENT (%)	"C" Value (kg/cm^2)	φ Value (Degree)
2.00	1.70	17.7	1.70	11

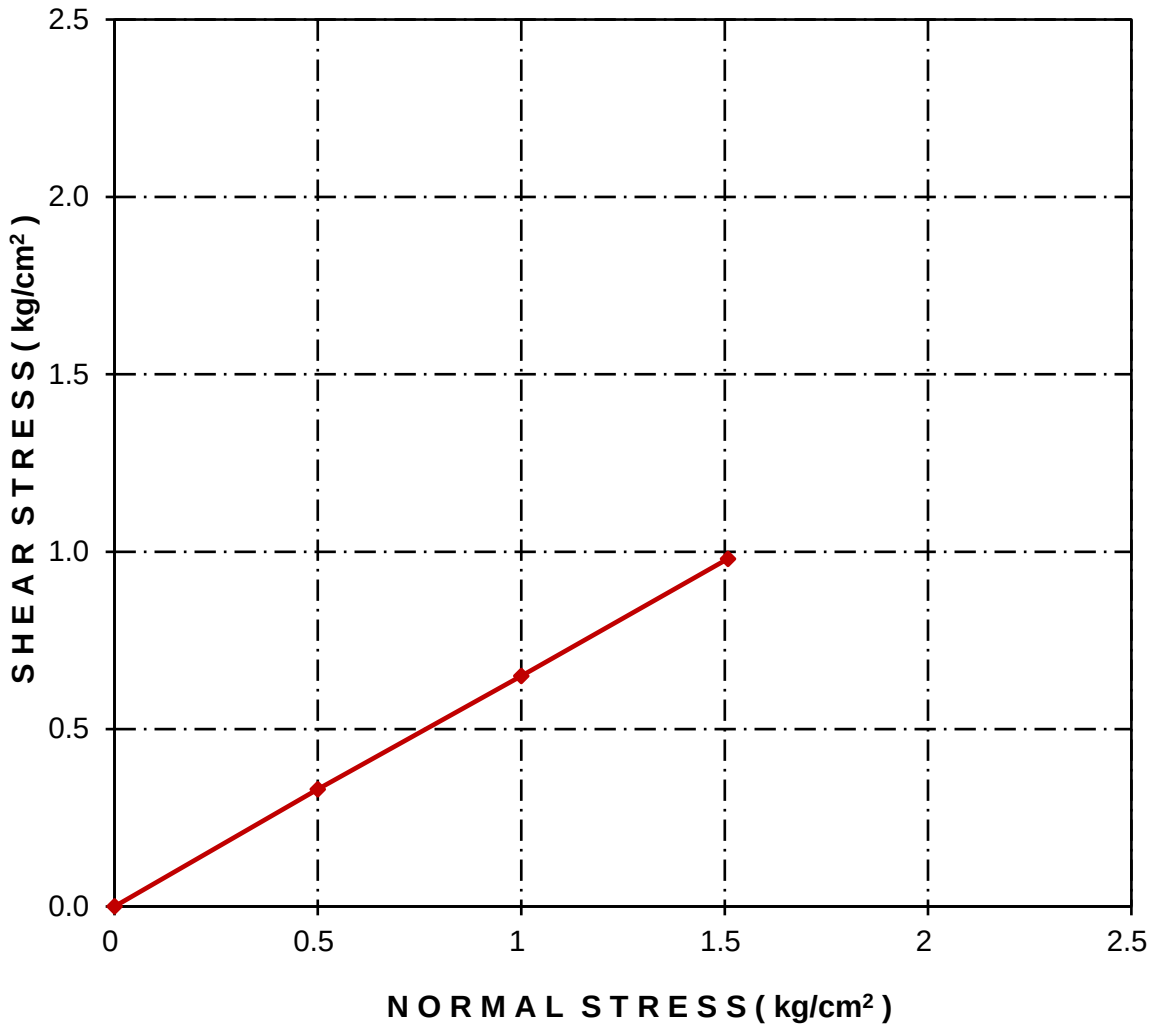


PROJECT : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 107

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	8	**Dry Density (gm/cc)**	1.7
Depth :	29.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	33

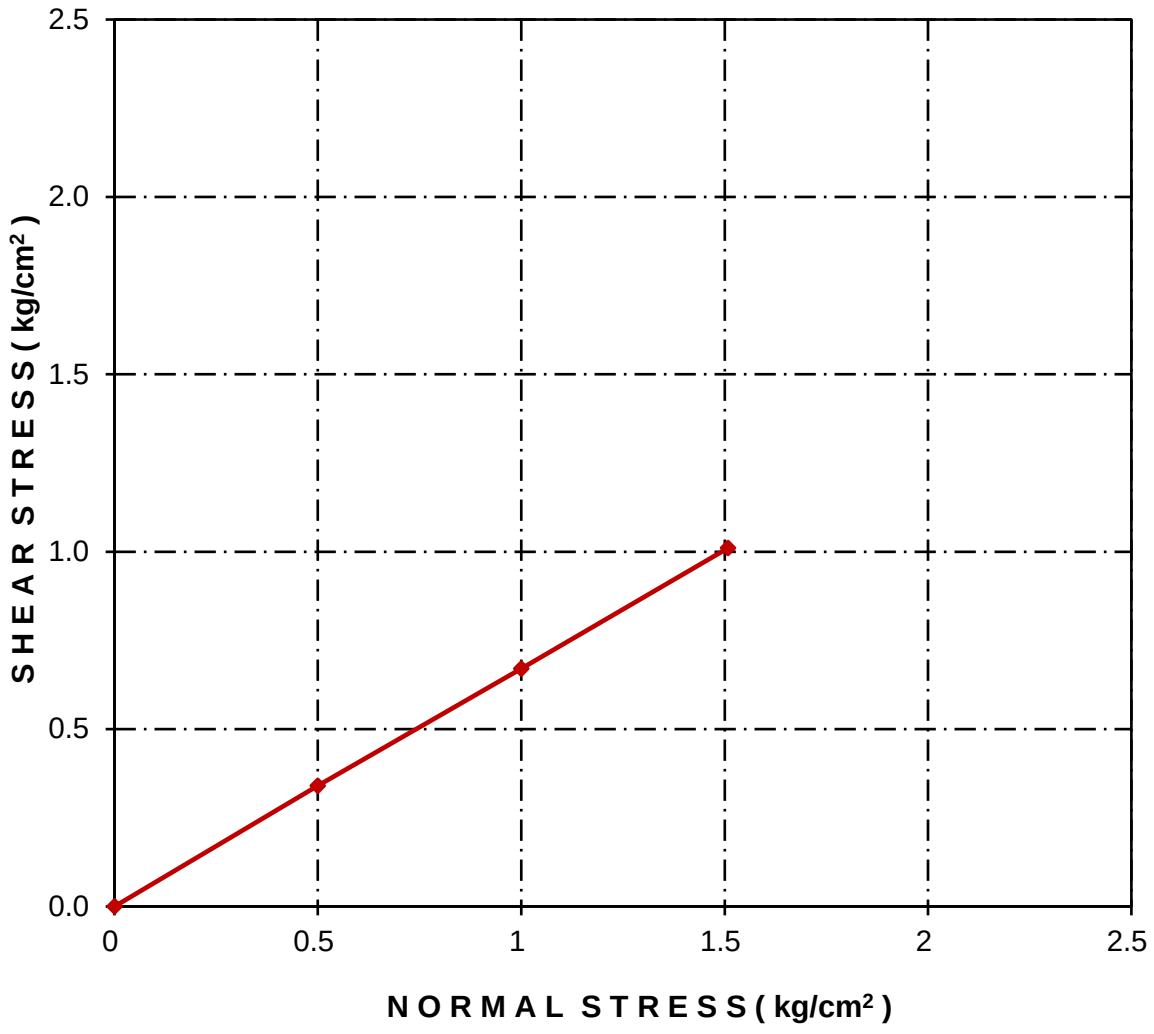


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 108

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	8	**Dry Density (gm/cc)**	1.73
Depth :	38.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	34

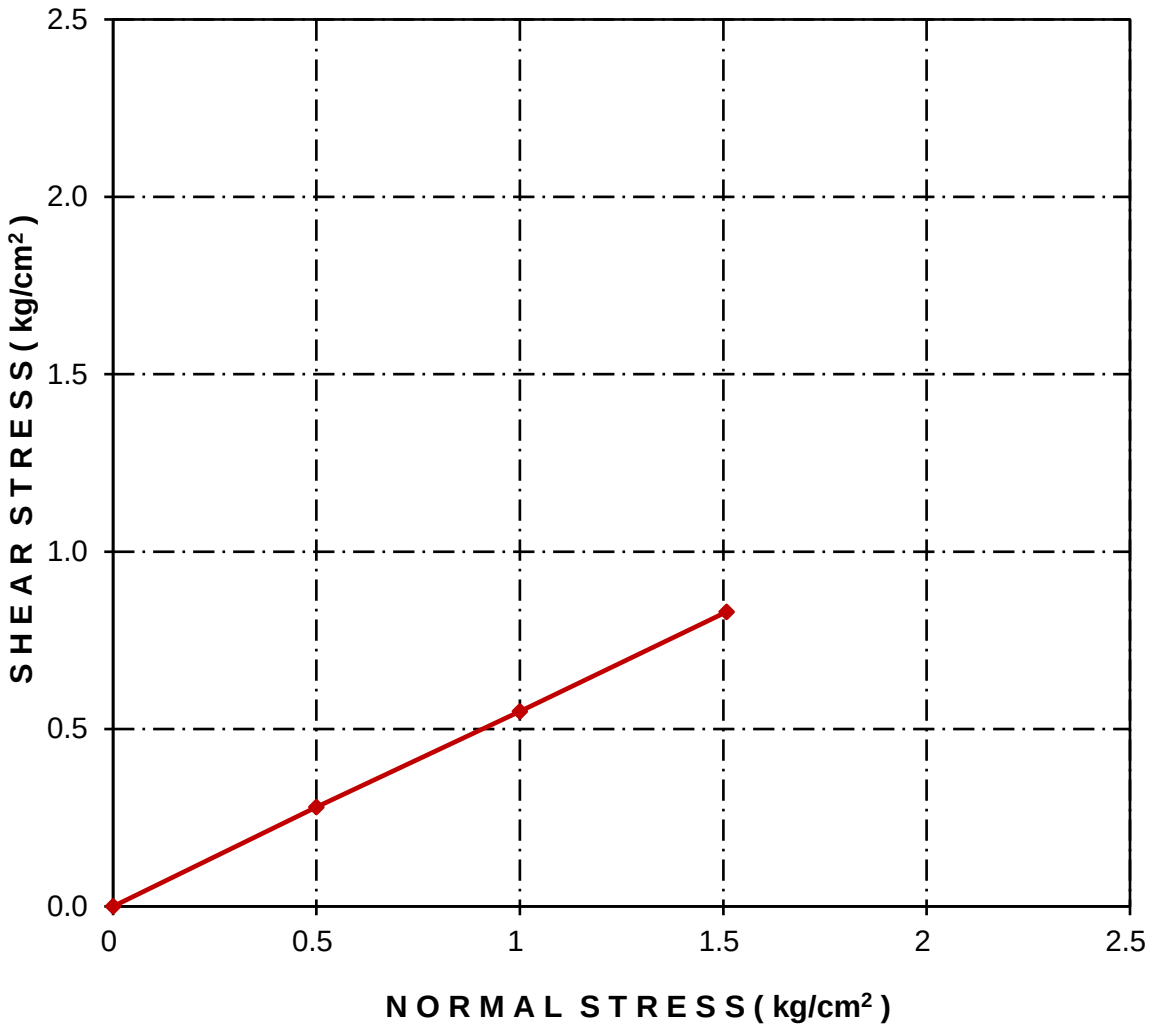


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 109

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	9	**Dry Density (gm/cc)**	1.5
Depth :	2.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	29

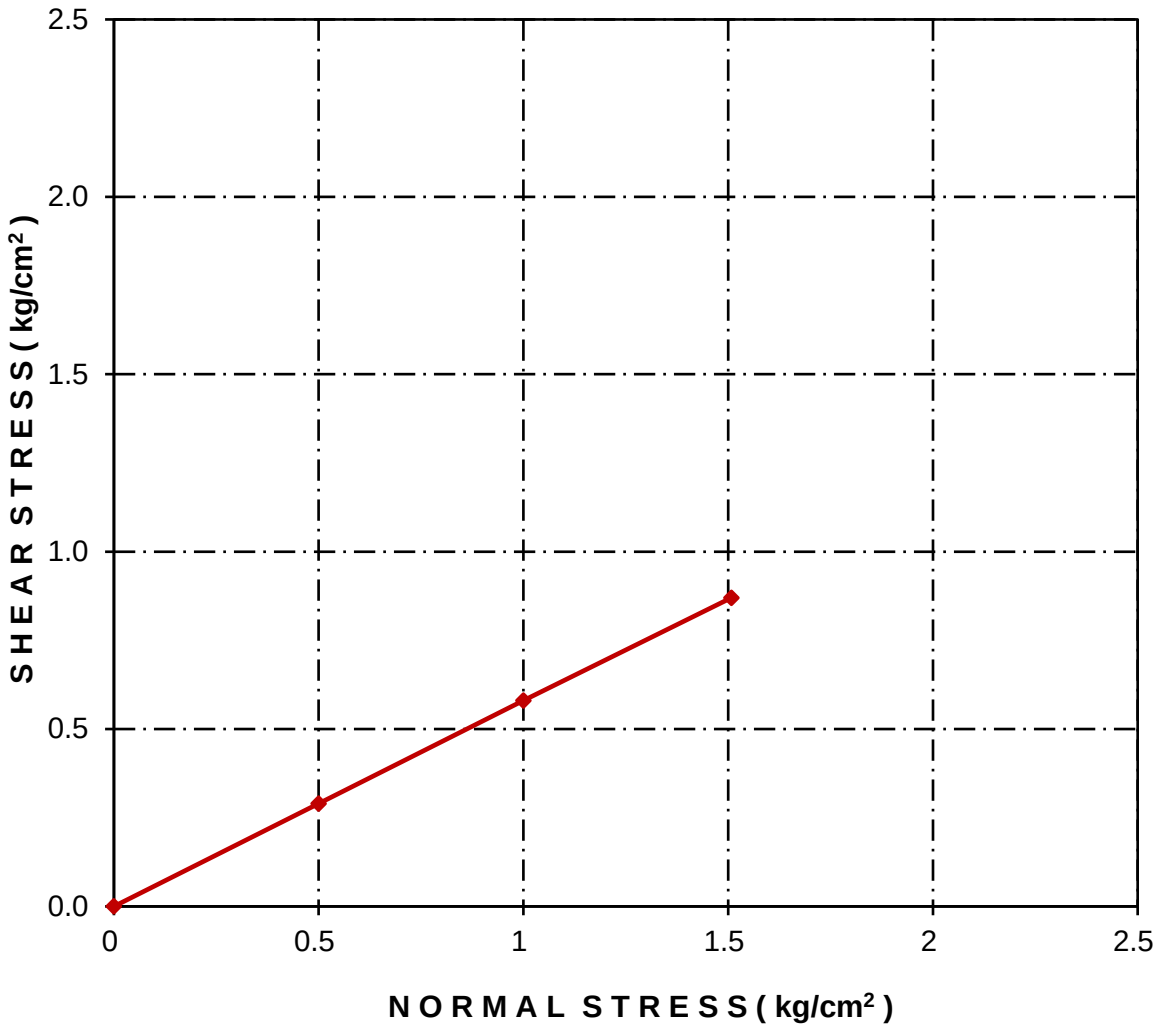


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 110

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	9	**Dry Density (gm/cc)**	1.57
Depth :	8.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	30

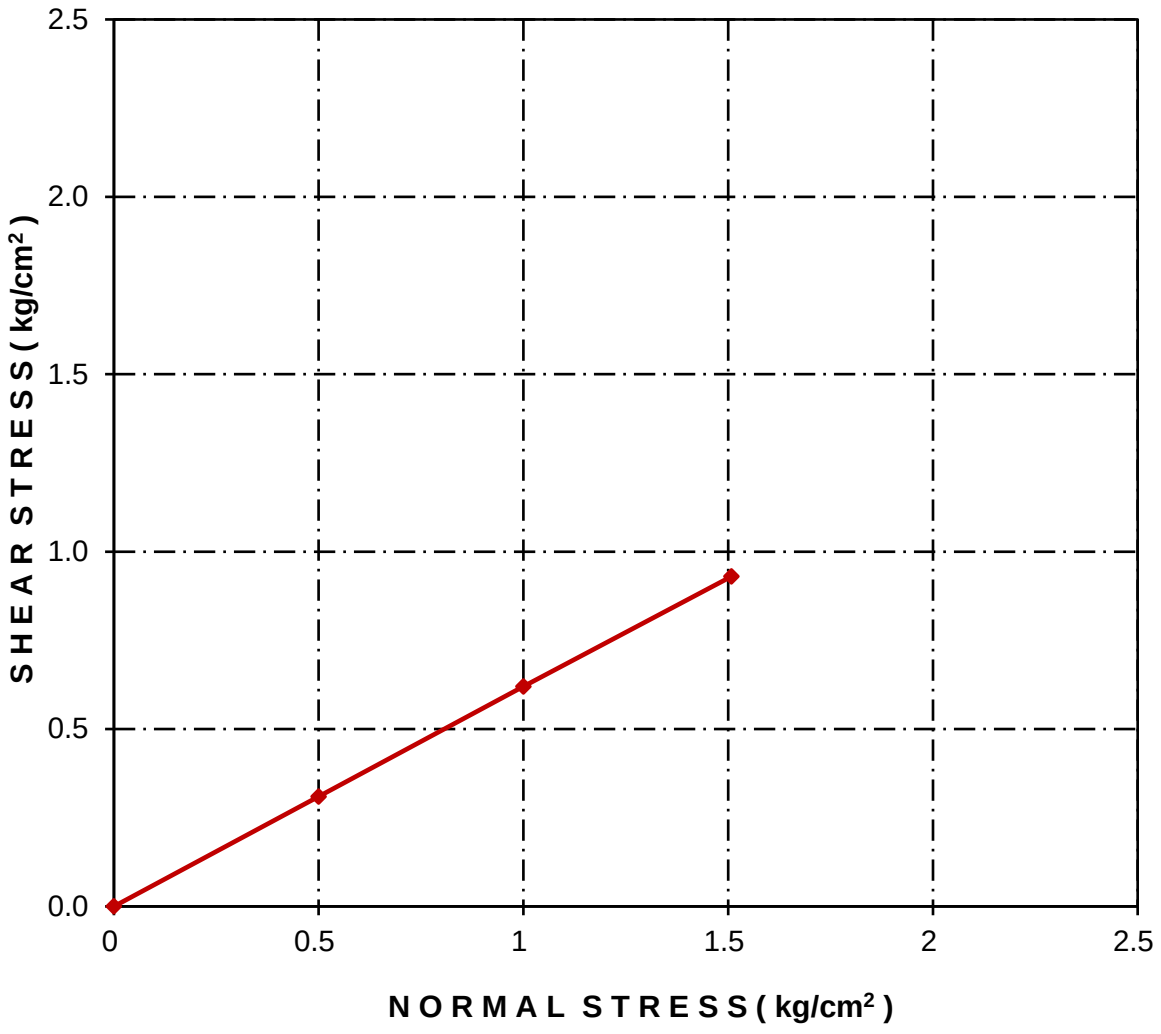


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 111

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	9	**Dry Density (gm/cc)**	1.62
Depth :	11.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	32



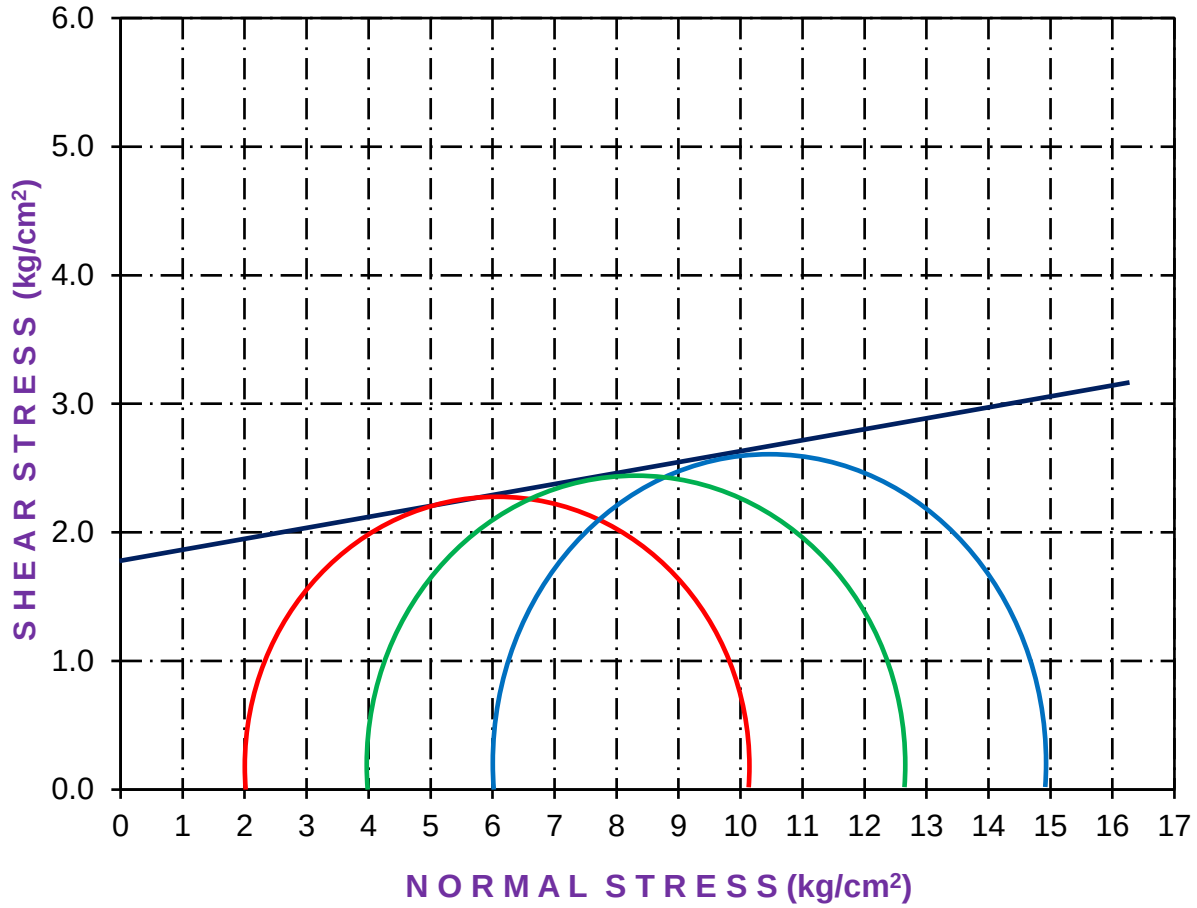
PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. *GEOTECHNICAL CONSULTANTS*	Fig. 112

UNCONSOLIDATED UNDRAINED TRIAXIAL TEST

Borehole No:	9		**Depth :**	23.25m

BULK DENSITY (gm/cc)	DRY DENSITY (gm/cc)	MOISTURE CONTENT (%)	"C" Value (kg/cm^2)	φ Value (Degree)
2.05	1.72	19.4	1.80	10

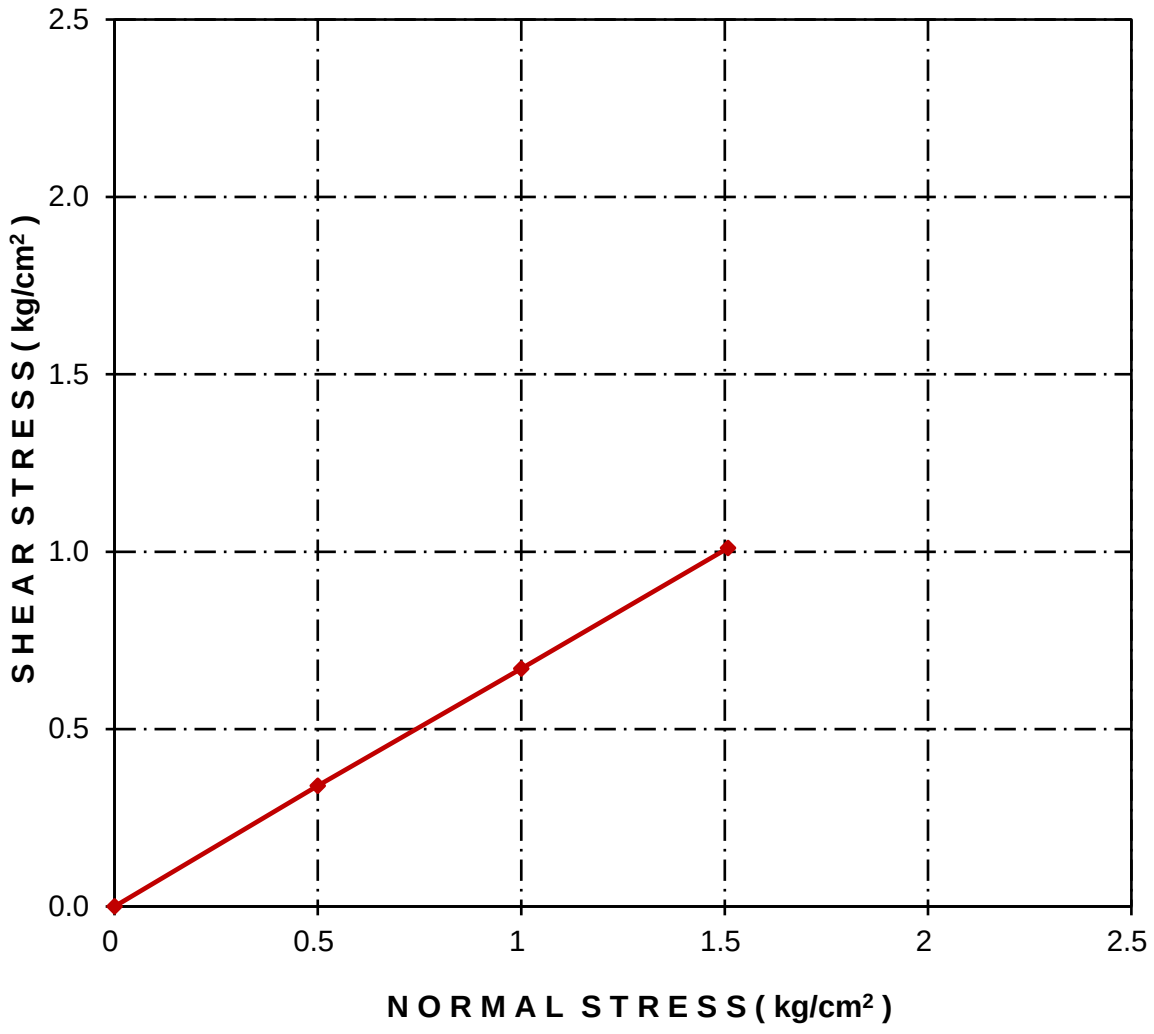


PROJECT : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 113

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	9	**Dry Density (gm/cc)**	1.73
Depth :	32.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	34

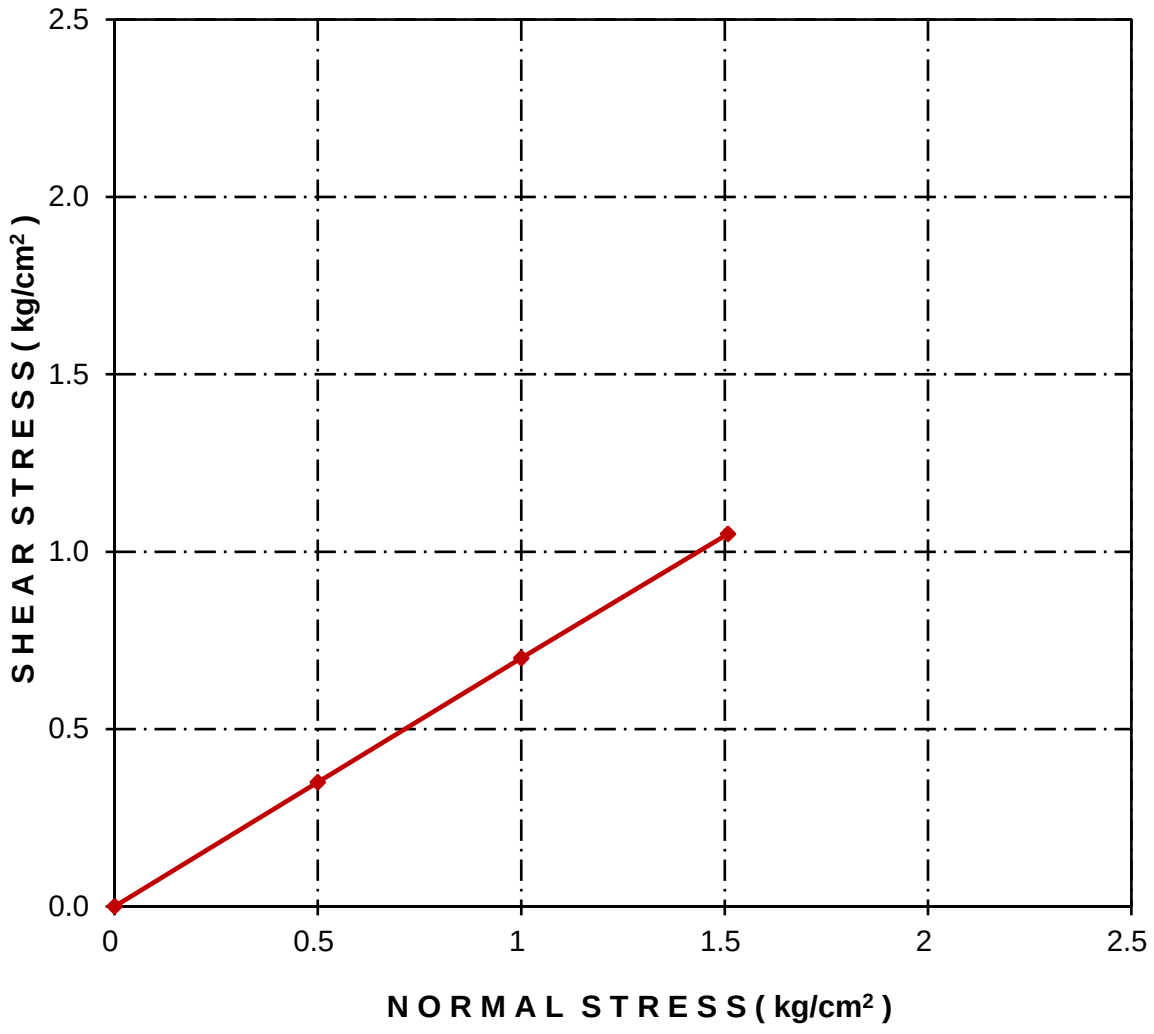


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 114

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	9	**Dry Density (gm/cc)**	1.75
Depth :	44.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	35

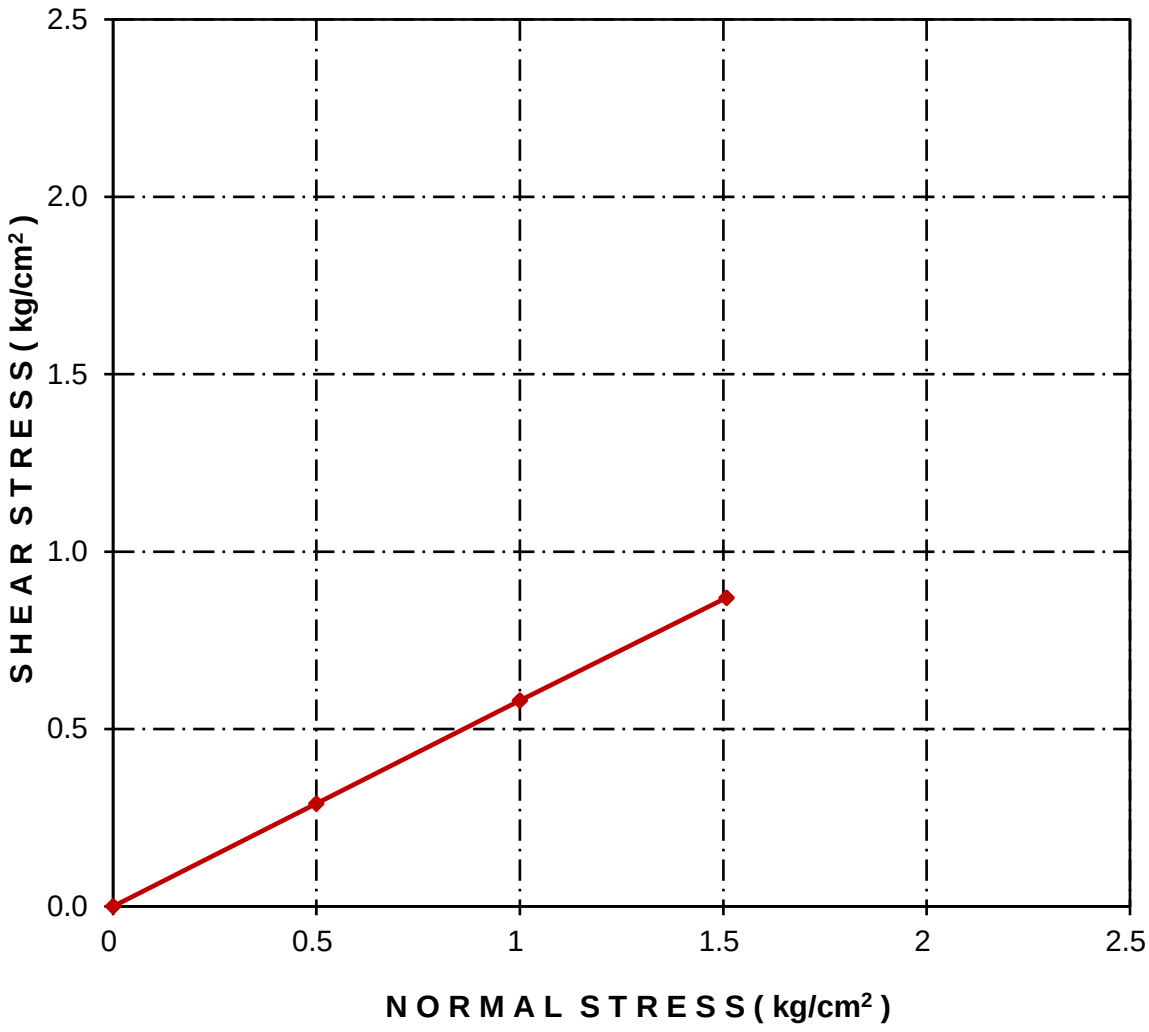


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 115

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	10	**Dry Density (gm/cc)**	1.54
Depth :	2.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	30

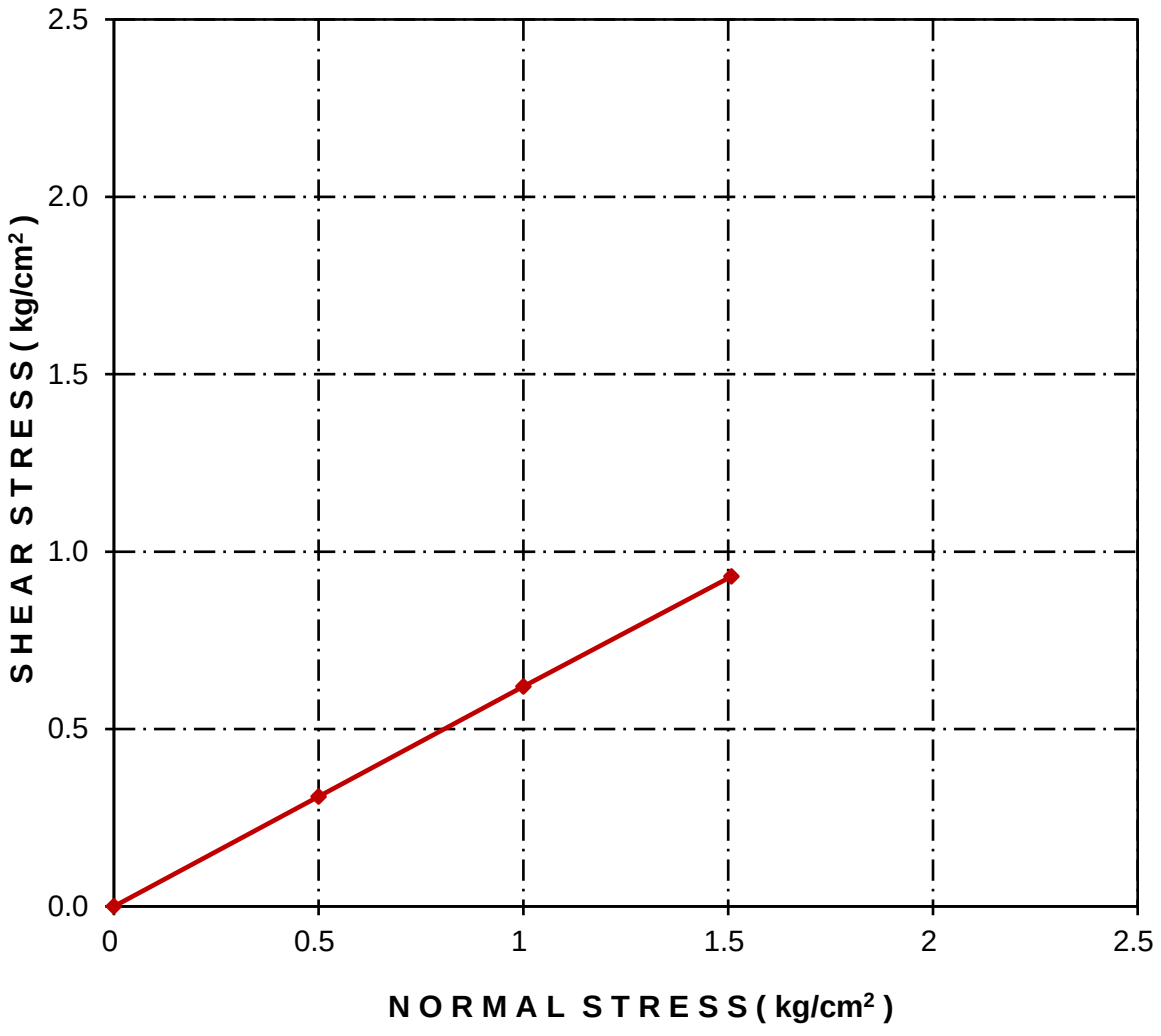


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 116

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	10	**Dry Density (gm/cc)**	1.62
Depth :	8.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	32

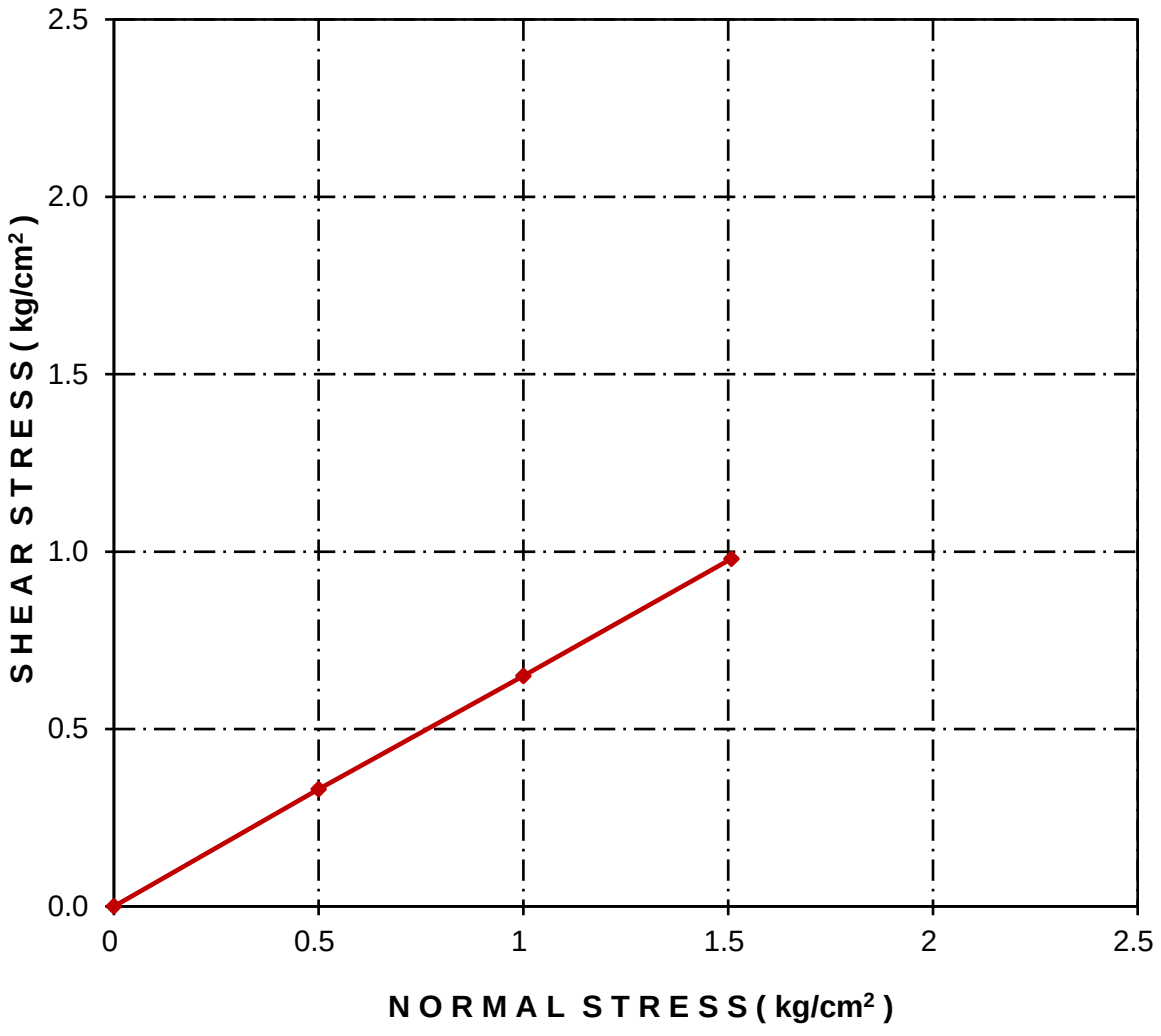


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 117

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	10	**Dry Density (gm/cc)**	1.65
Depth :	11.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	33



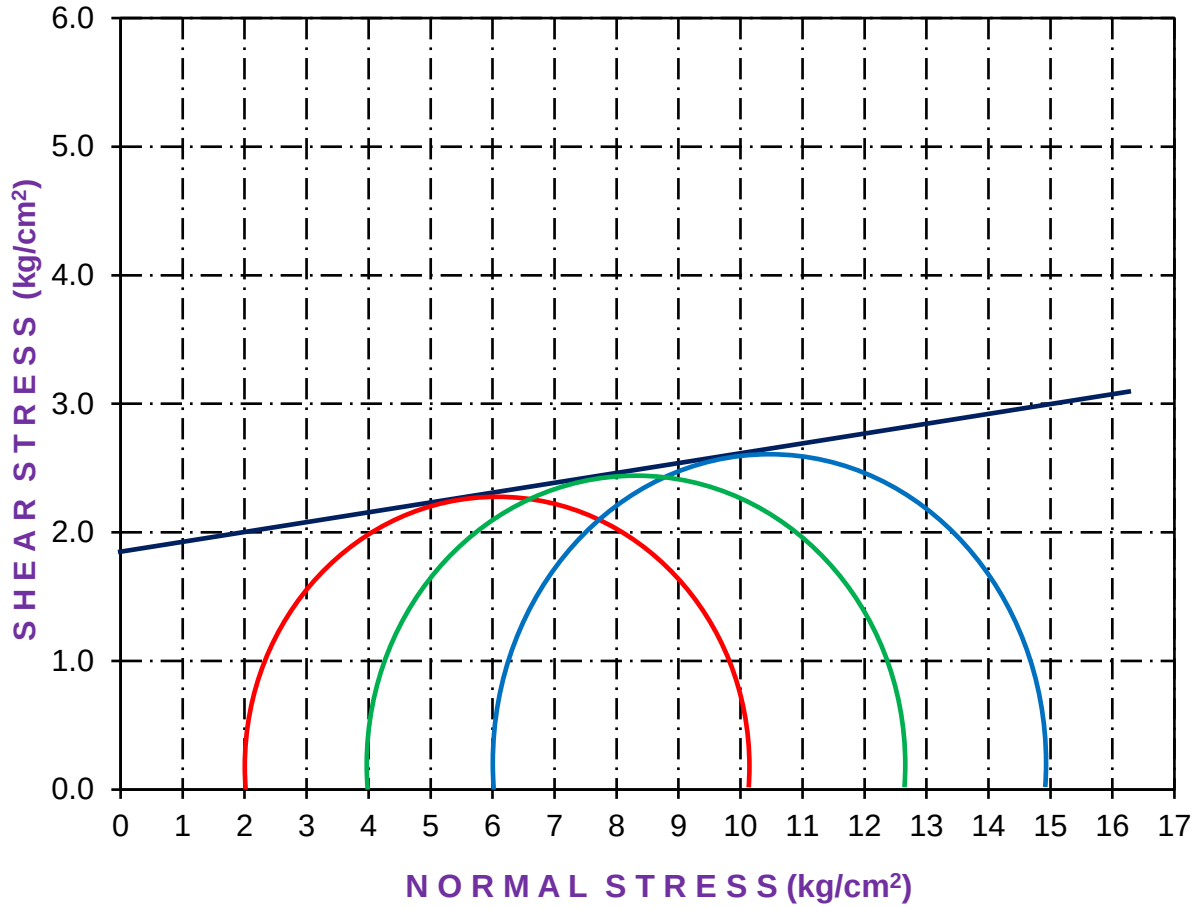
PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. *GEOTECHNICAL CONSULTANTS*	Fig. 118

UNCONSOLIDATED UNDRAINED TRIAXIAL TEST

Borehole No:	10		**Depth :**	20.25m

BULK DENSITY (gm/cc)	DRY DENSITY (gm/cc)	MOISTURE CONTENT (%)	"C" Value (kg/cm^2)	φ Value (Degree)
2.05	1.74	18.1	1.90	9

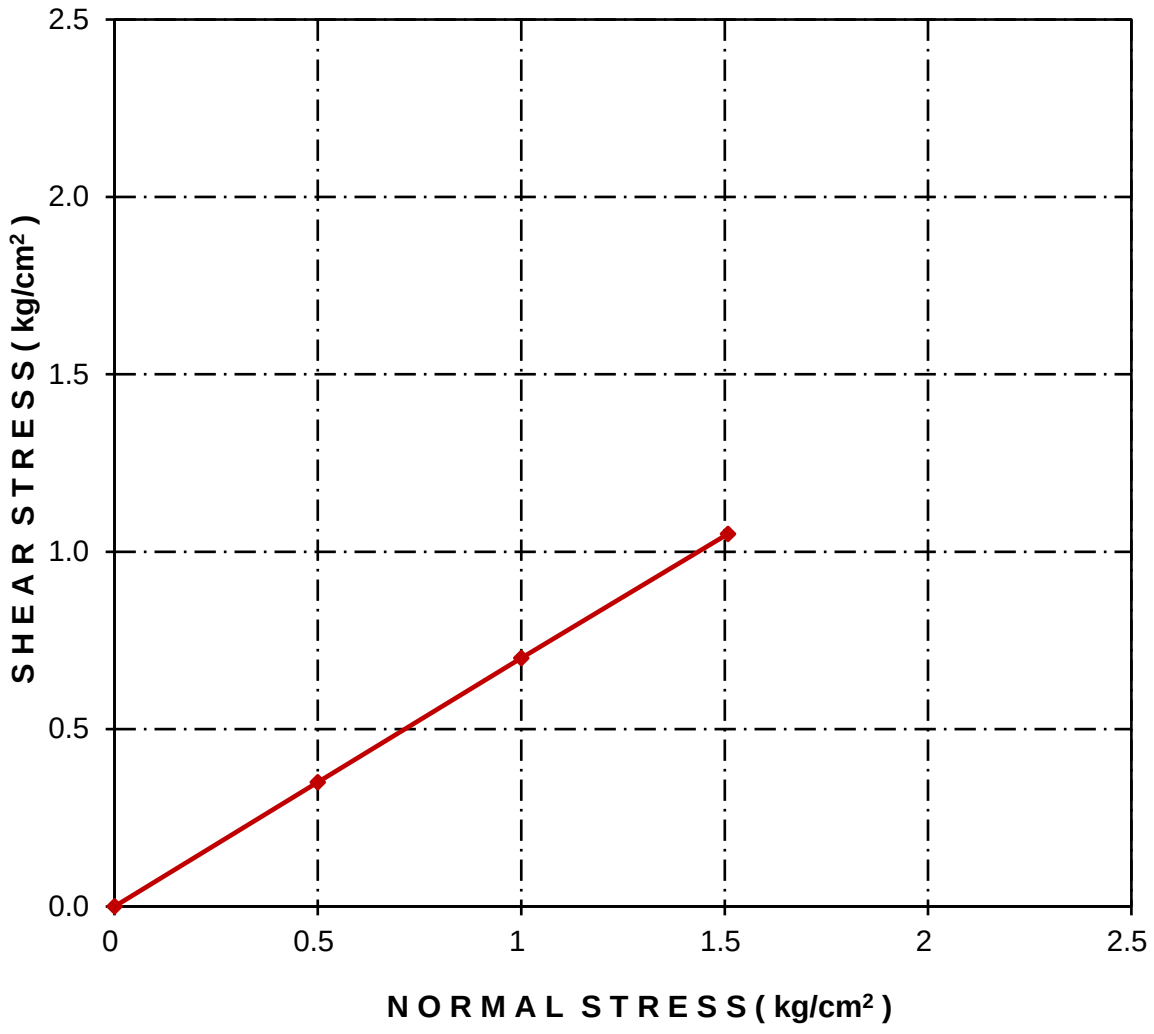


PROJECT : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 119

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	10	**Dry Density (gm/cc)**	1.74
Depth :	32.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	35

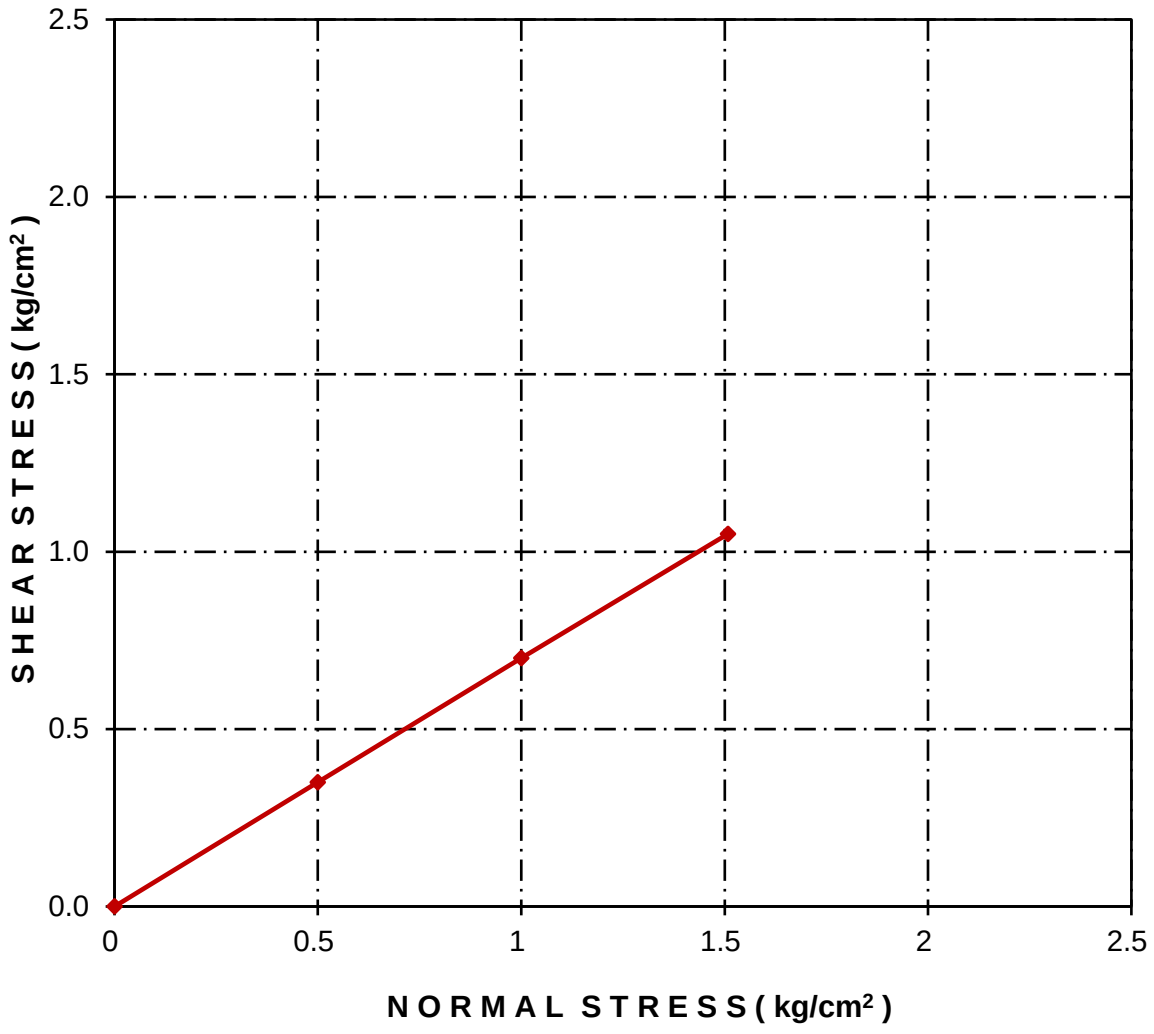


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 120

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	10	**Dry Density (gm/cc)**	1.76
Depth :	44.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	35

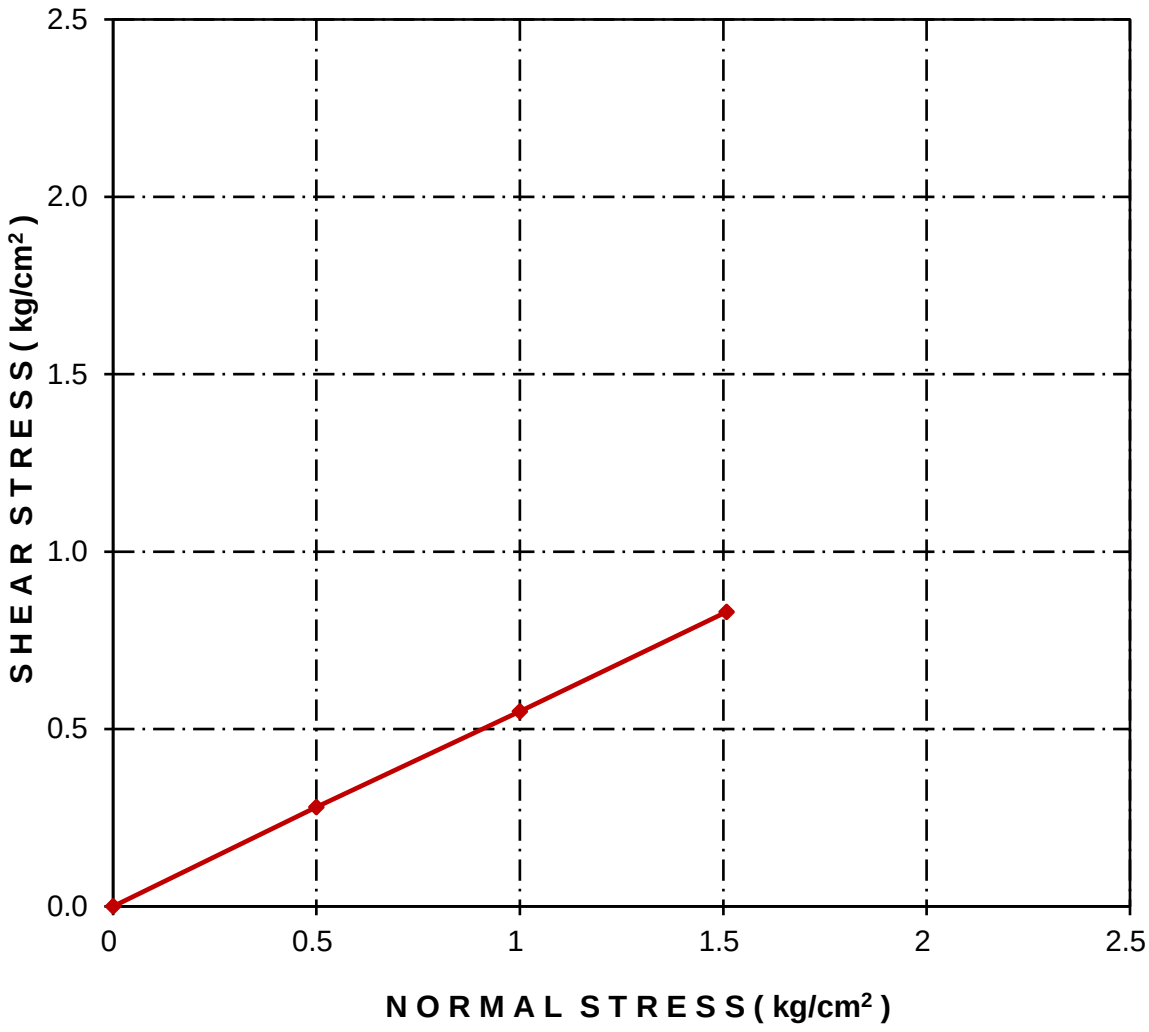


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 121

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	11	**Dry Density (gm/cc)**	1.5
Depth :	2.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	29

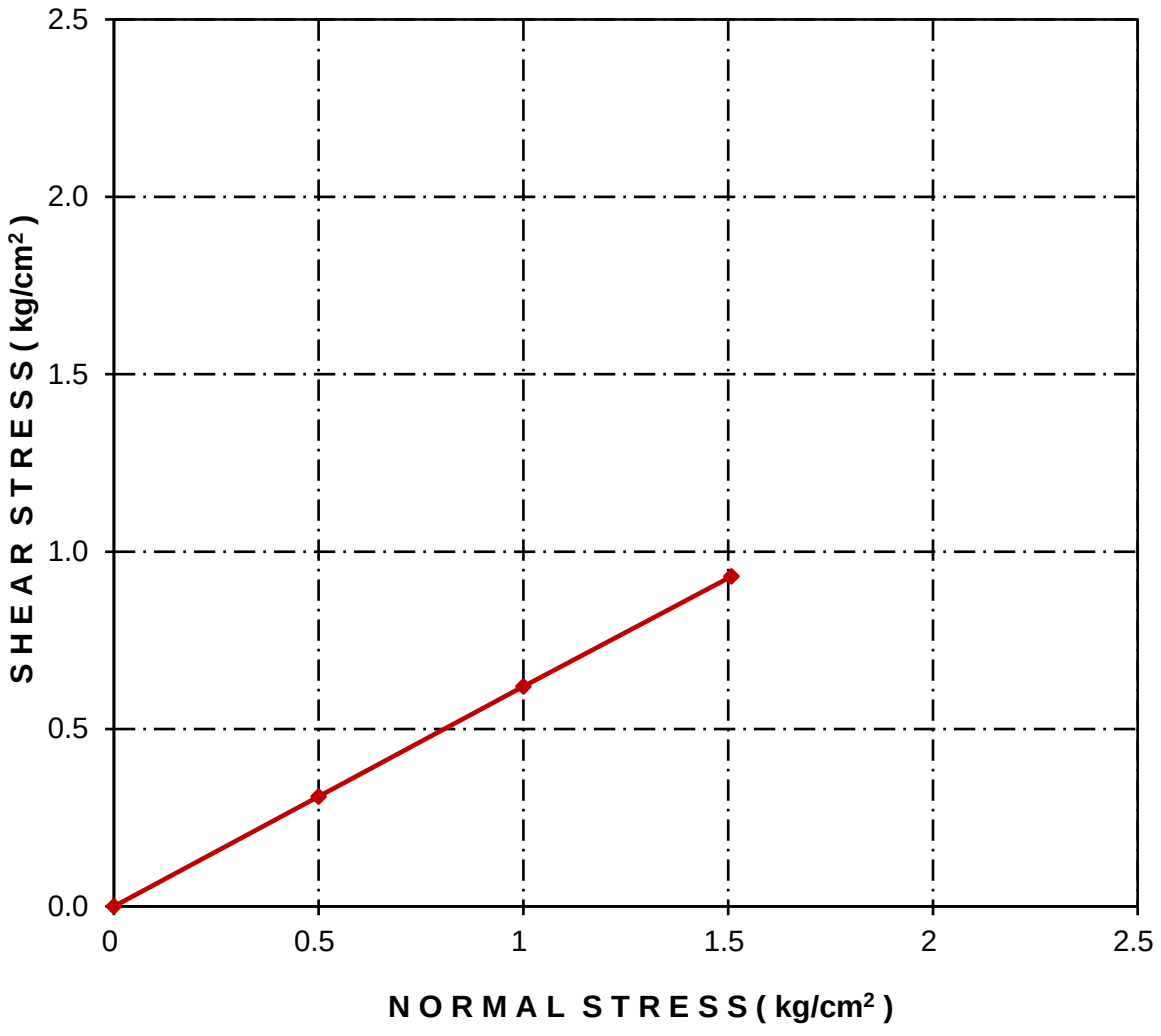


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 122

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	11	**Dry Density (gm/cc)**	1.6
Depth :	8.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	32

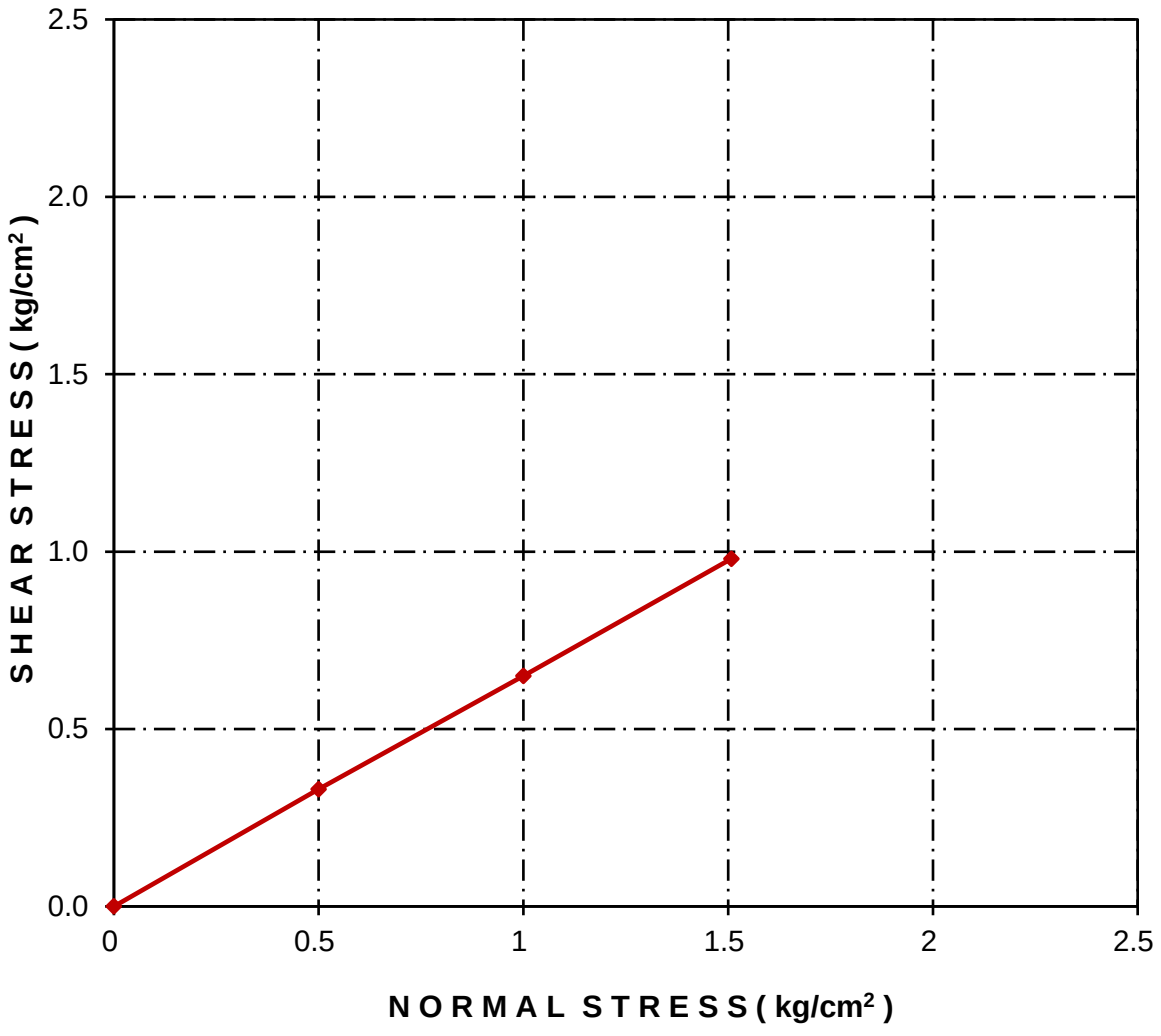


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 123

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	11	**Dry Density (gm/cc)**	1.65
Depth :	11.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	33



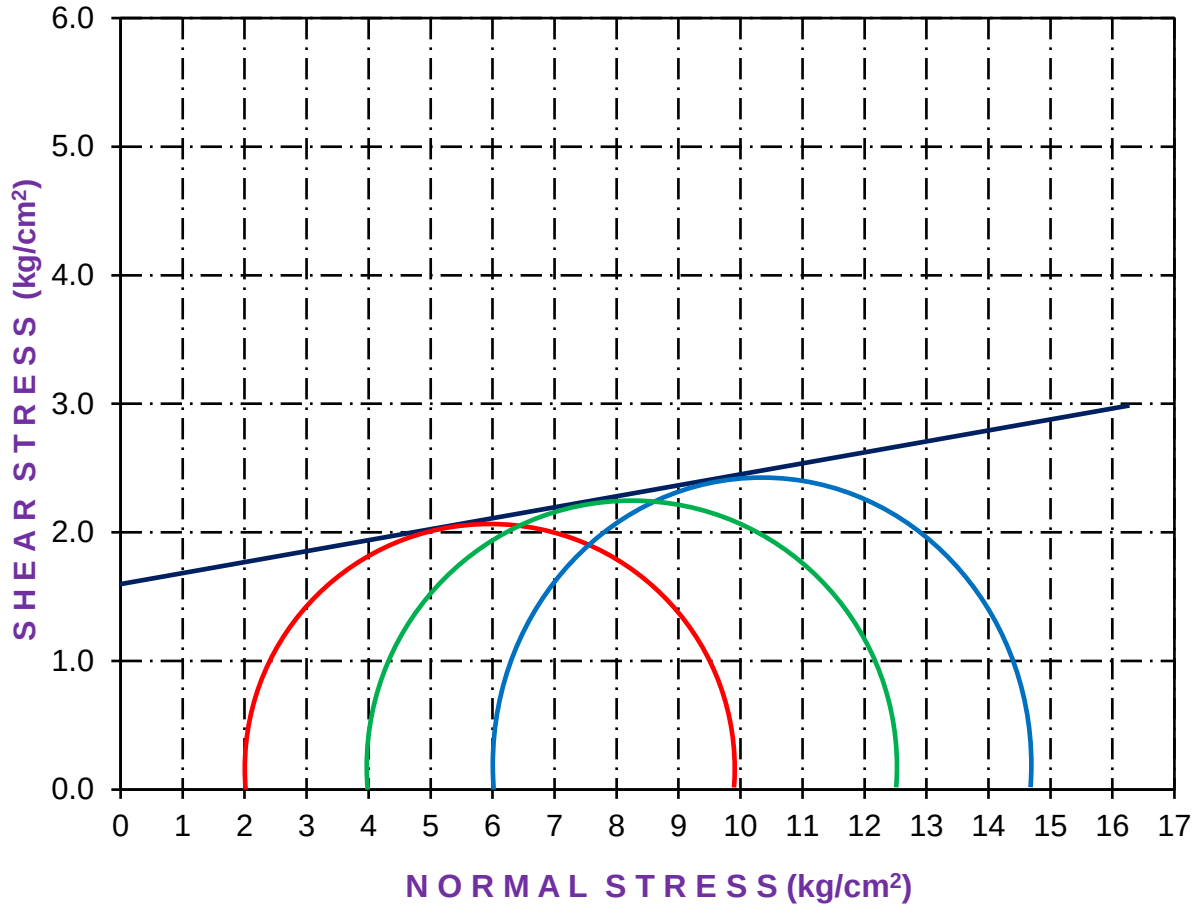
PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. *GEOTECHNICAL CONSULTANTS*	Fig. 124

UNCONSOLIDATED UNDRAINED TRIAXIAL TEST

Borehole No:	11		**Depth :**	17.25m

BULK DENSITY (gm/cc)	DRY DENSITY (gm/cc)	MOISTURE CONTENT (%)	"C" Value (kg/cm^2)	φ Value (Degree)
1.99	1.70	17.2	1.70	10

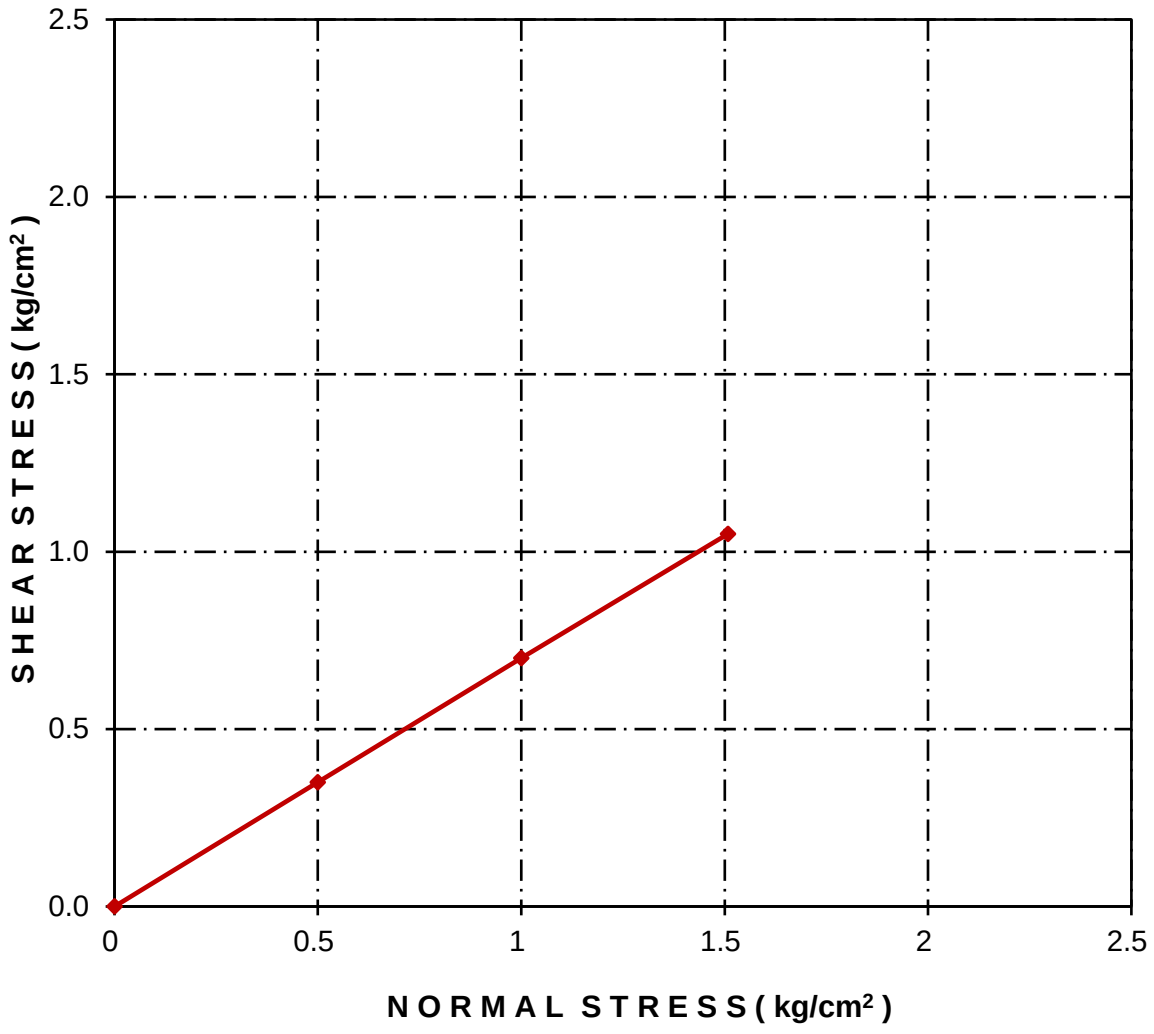


PROJECT : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 125

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	11	**Dry Density (gm/cc)**	1.75
Depth :	32.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	35

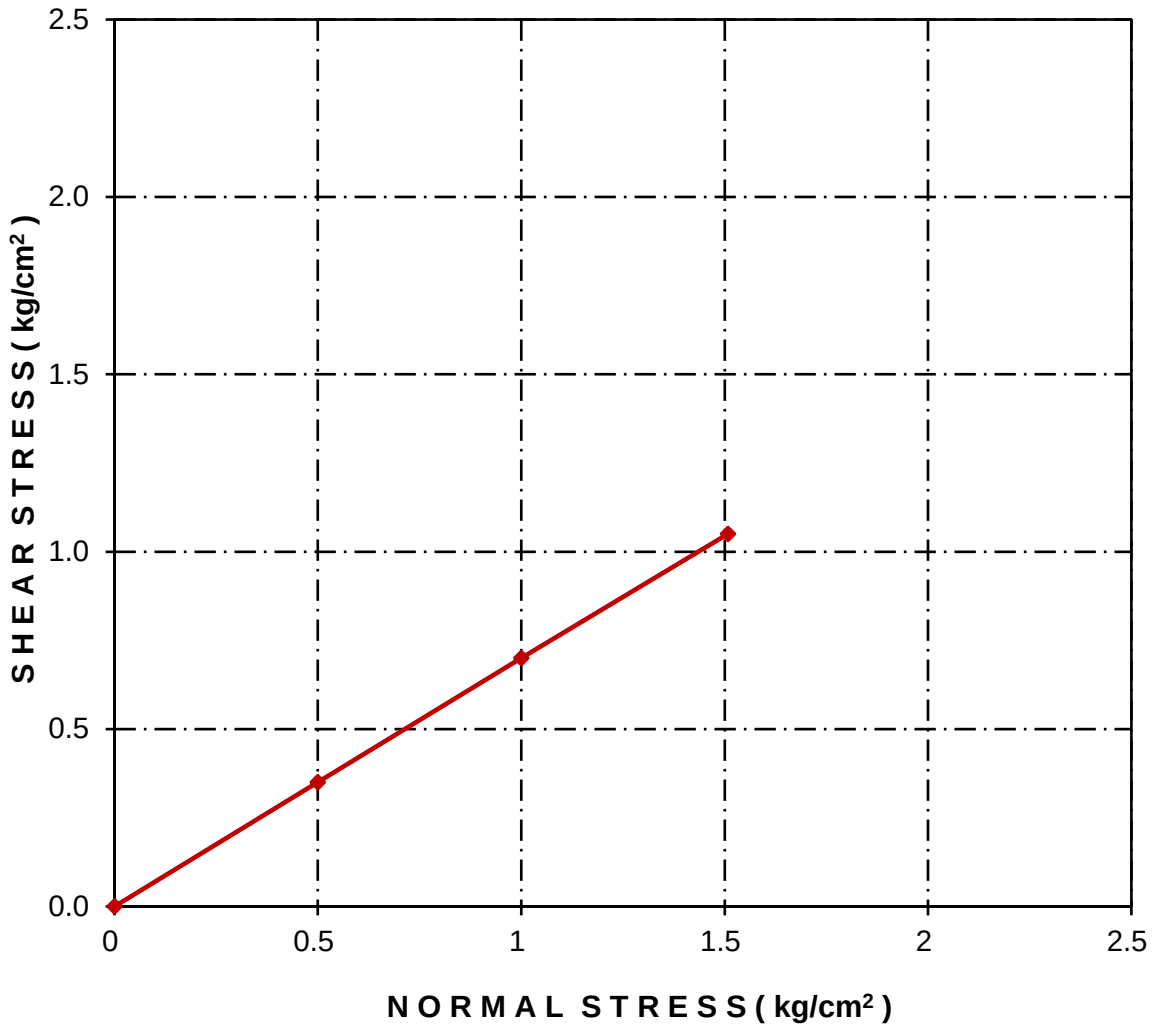


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 126

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	11	**Dry Density (gm/cc)**	1.77
Depth :	44.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	35

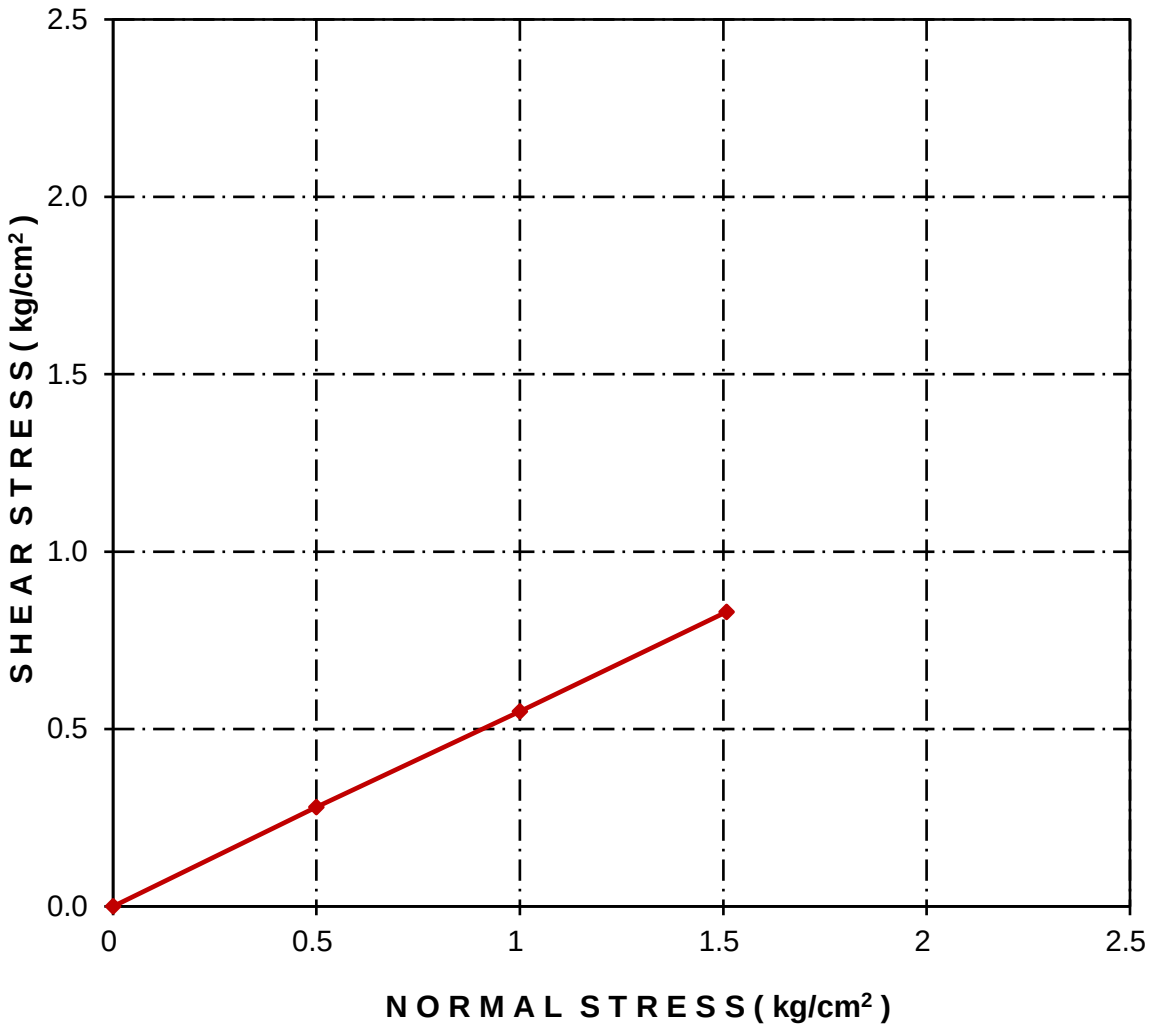


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 127

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	12	**Dry Density (gm/cc)**	1.52
Depth :	2.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	29

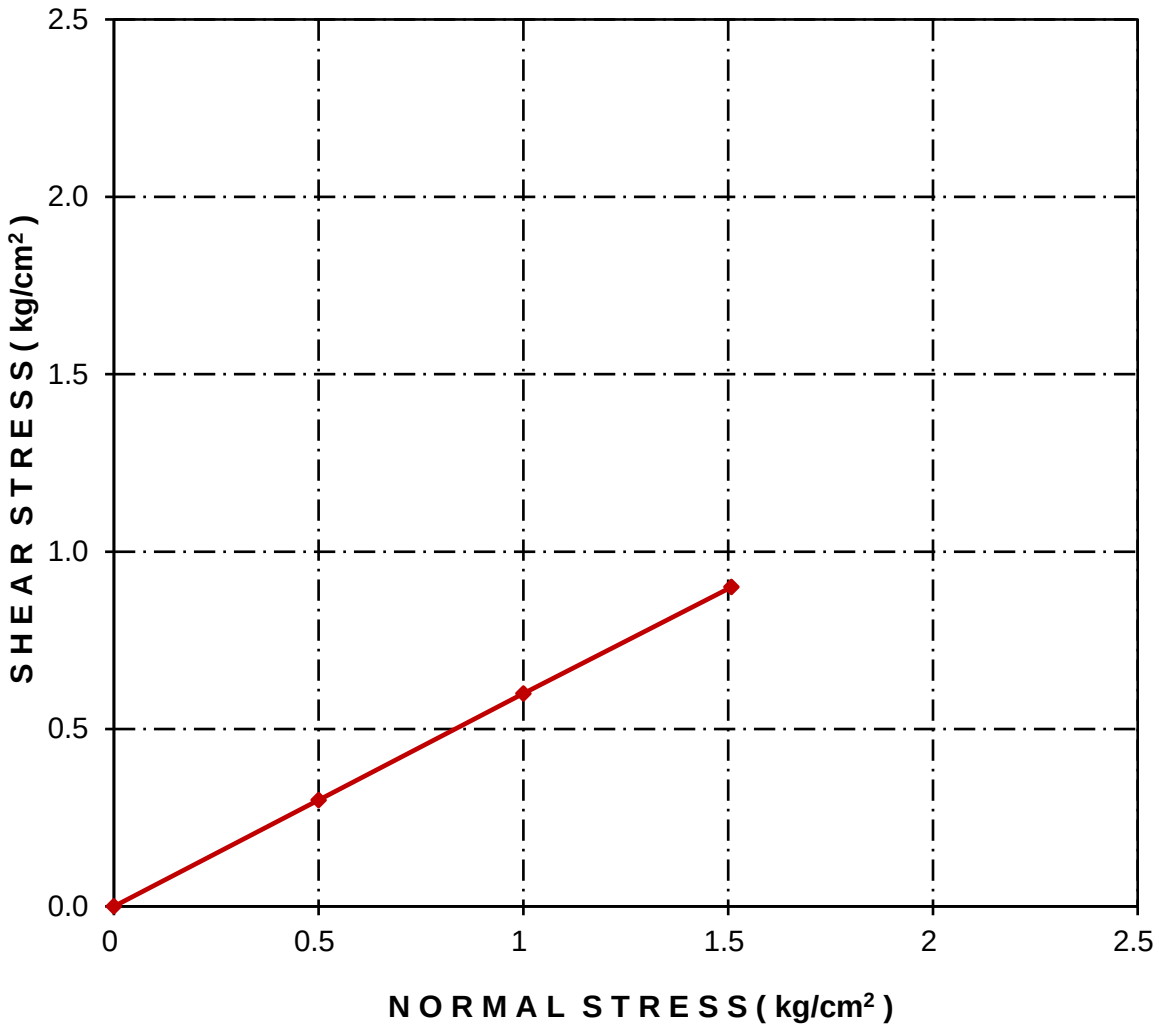


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 128

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	12	**Dry Density (gm/cc)**	1.59
Depth :	8.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	31

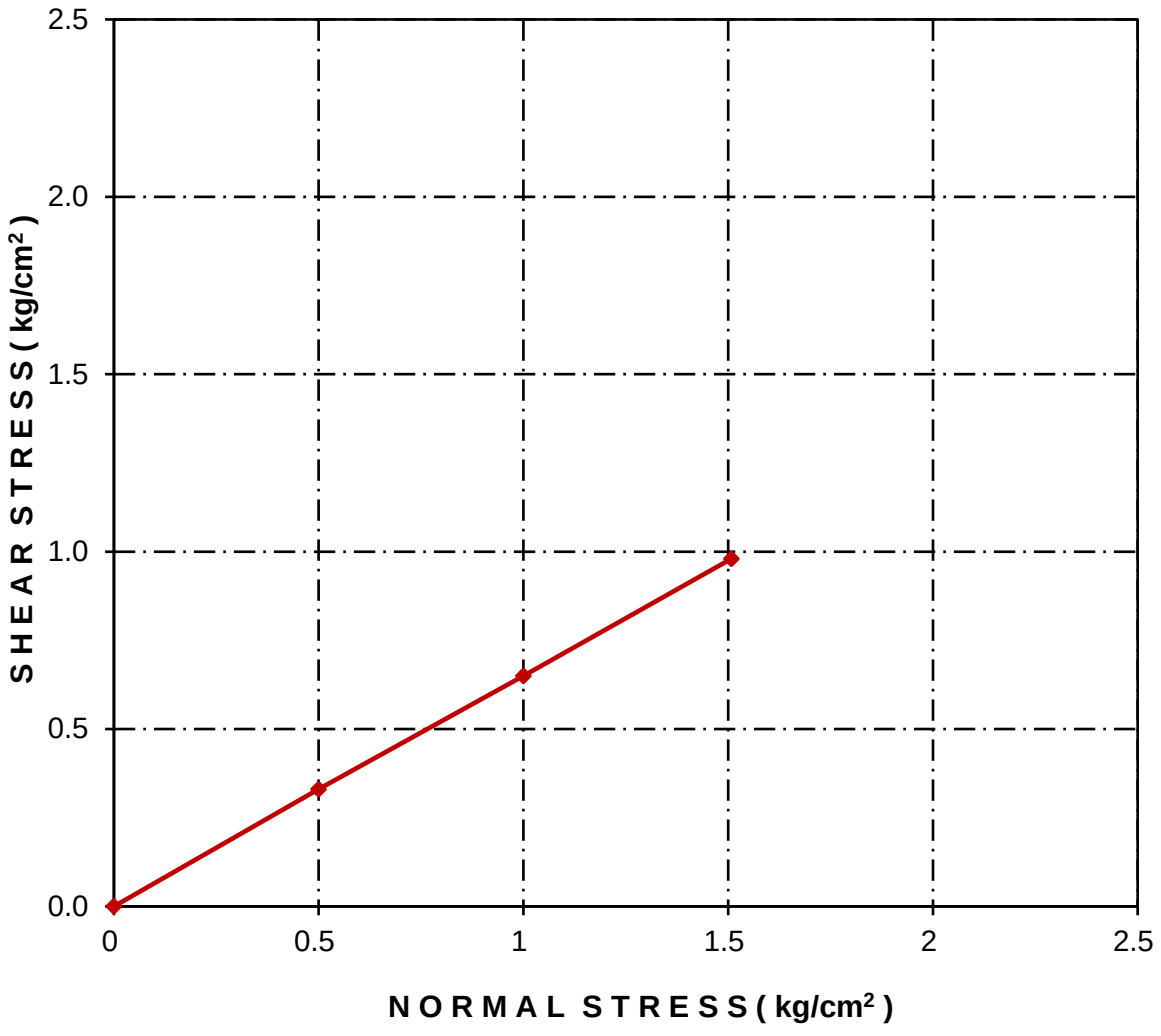


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 129

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	12	**Dry Density (gm/cc)**	1.62
Depth :	11.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	33



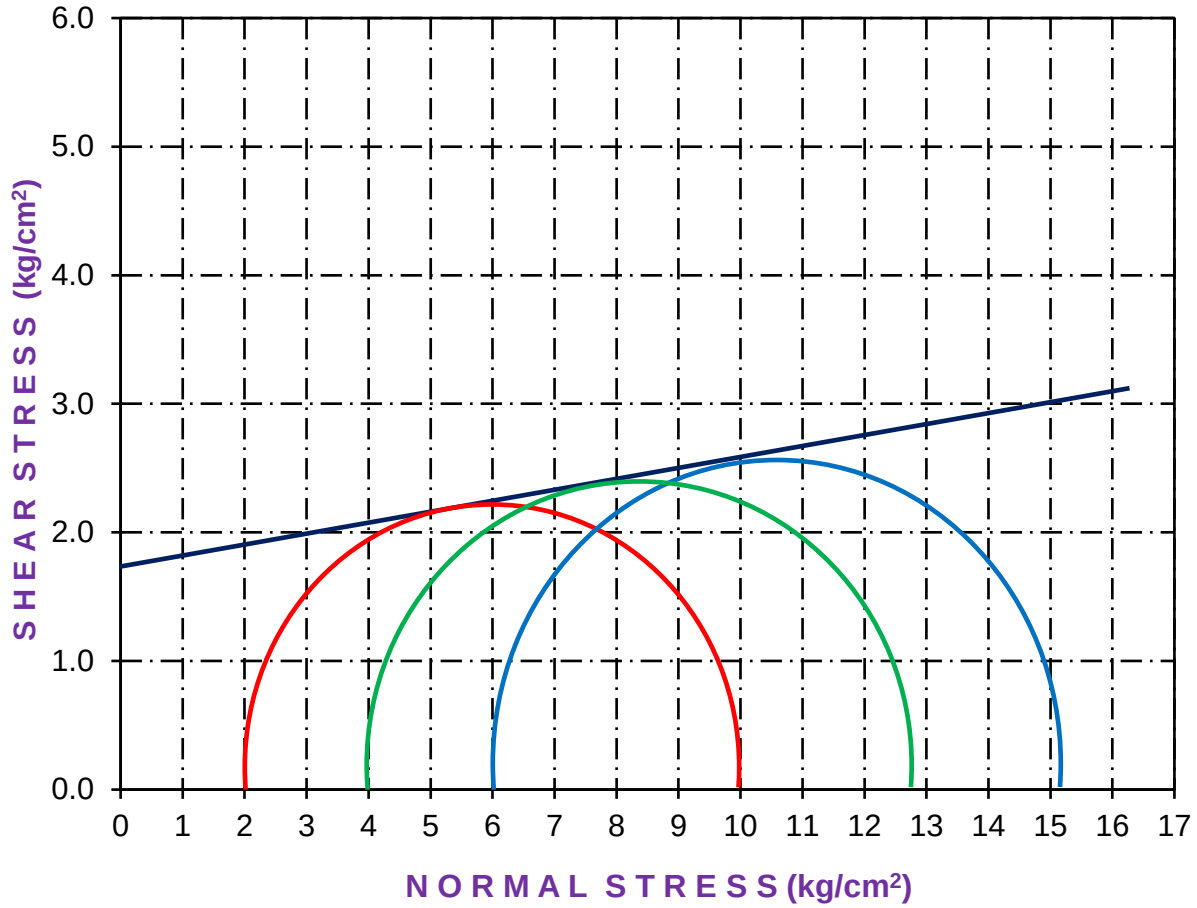
PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. *GEOTECHNICAL CONSULTANTS*	Fig. 130

UNCONSOLIDATED UNDRAINED TRIAXIAL TEST

Borehole No:	12		**Depth :**	23.25m

BULK DENSITY (gm/cc)	DRY DENSITY (gm/cc)	MOISTURE CONTENT (%)	"C" Value (kg/cm^2)	φ Value (Degree)
2.05	1.72	19.4	1.80	10

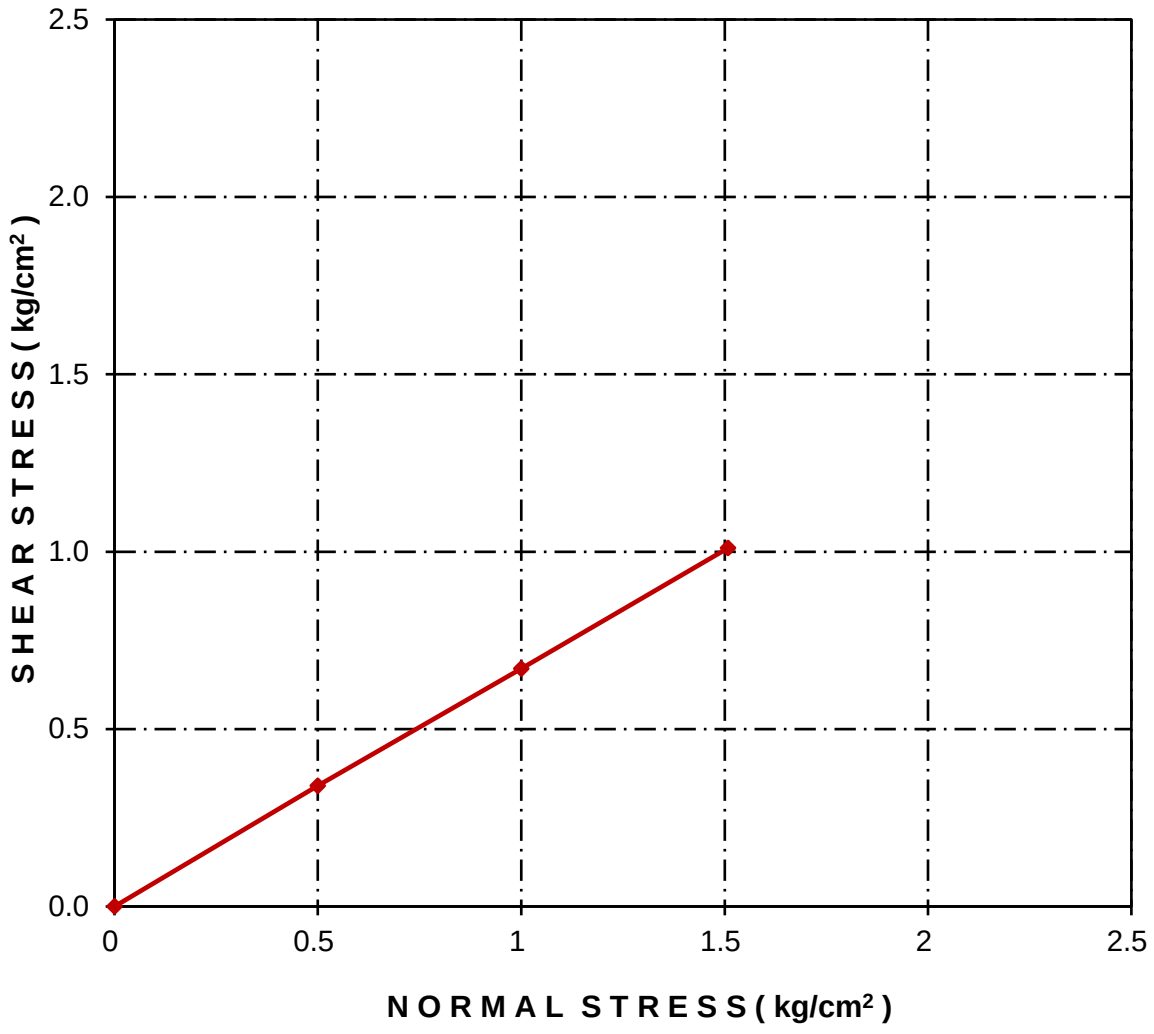


PROJECT : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 131

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	12	**Dry Density (gm/cc)**	1.69
Depth :	32.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	34

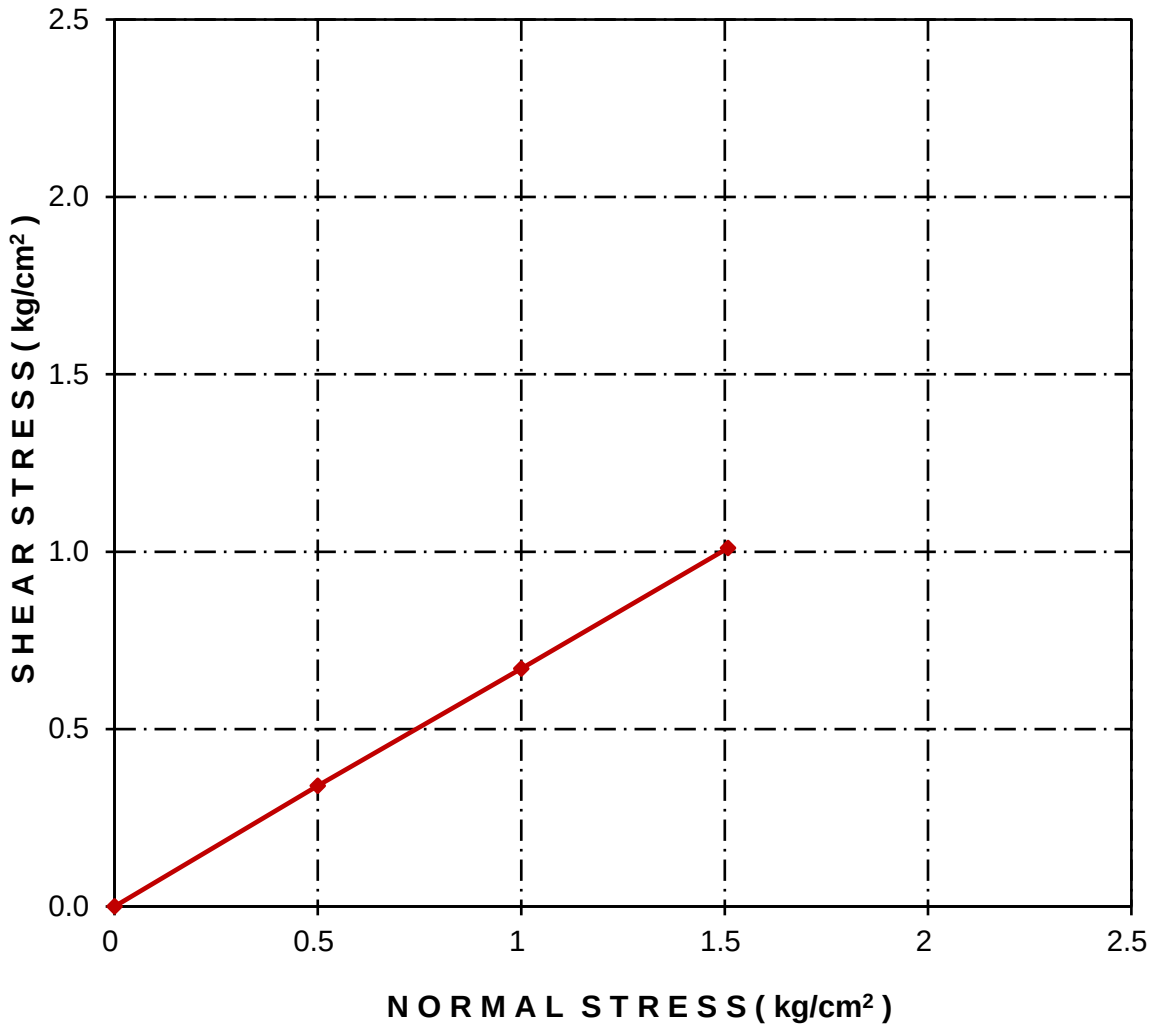


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 132

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	12	**Dry Density (gm/cc)**	1.75
Depth :	44.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	34

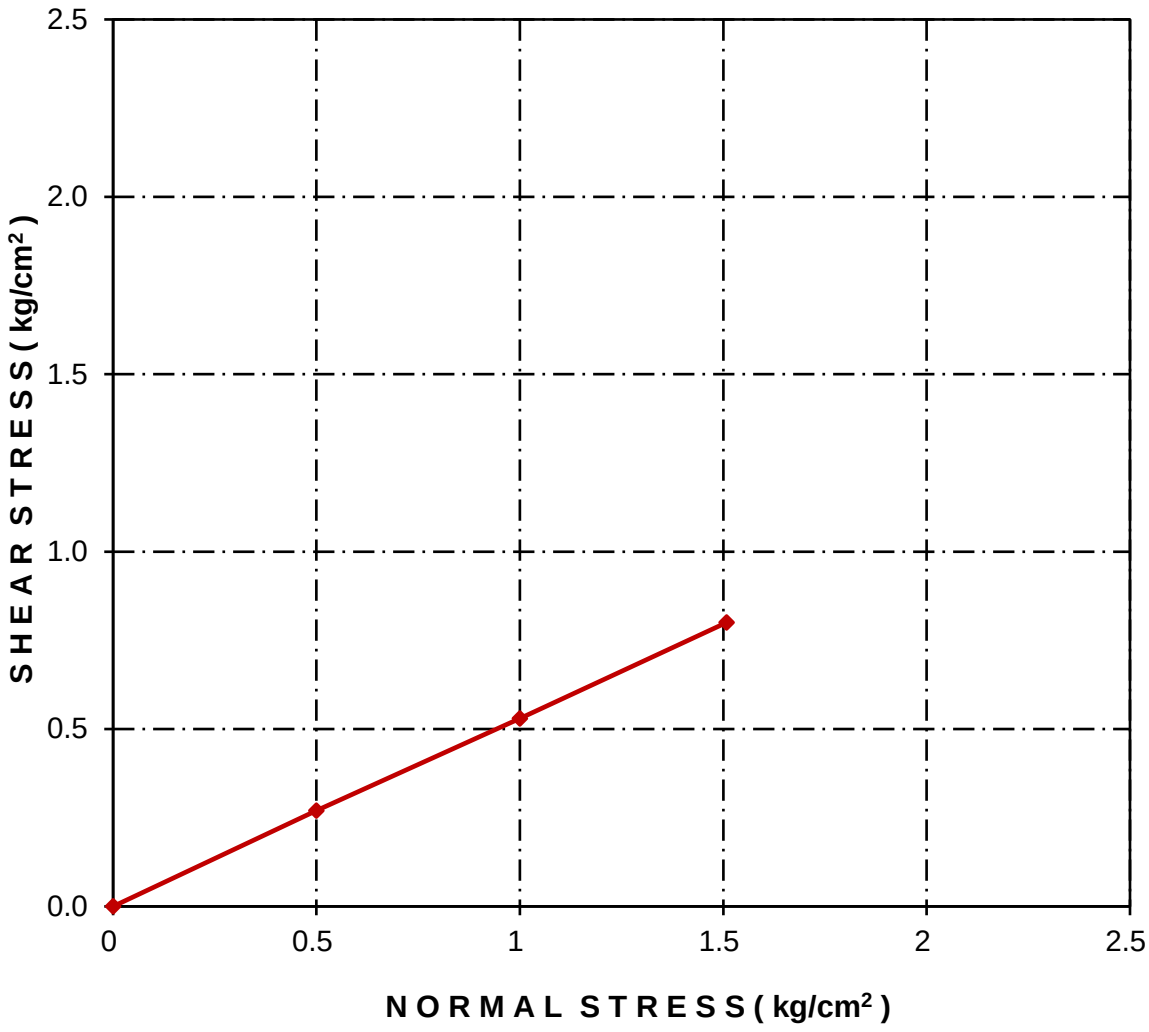


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 133

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	13	**Dry Density (gm/cc)**	1.51
Depth :	2.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	28

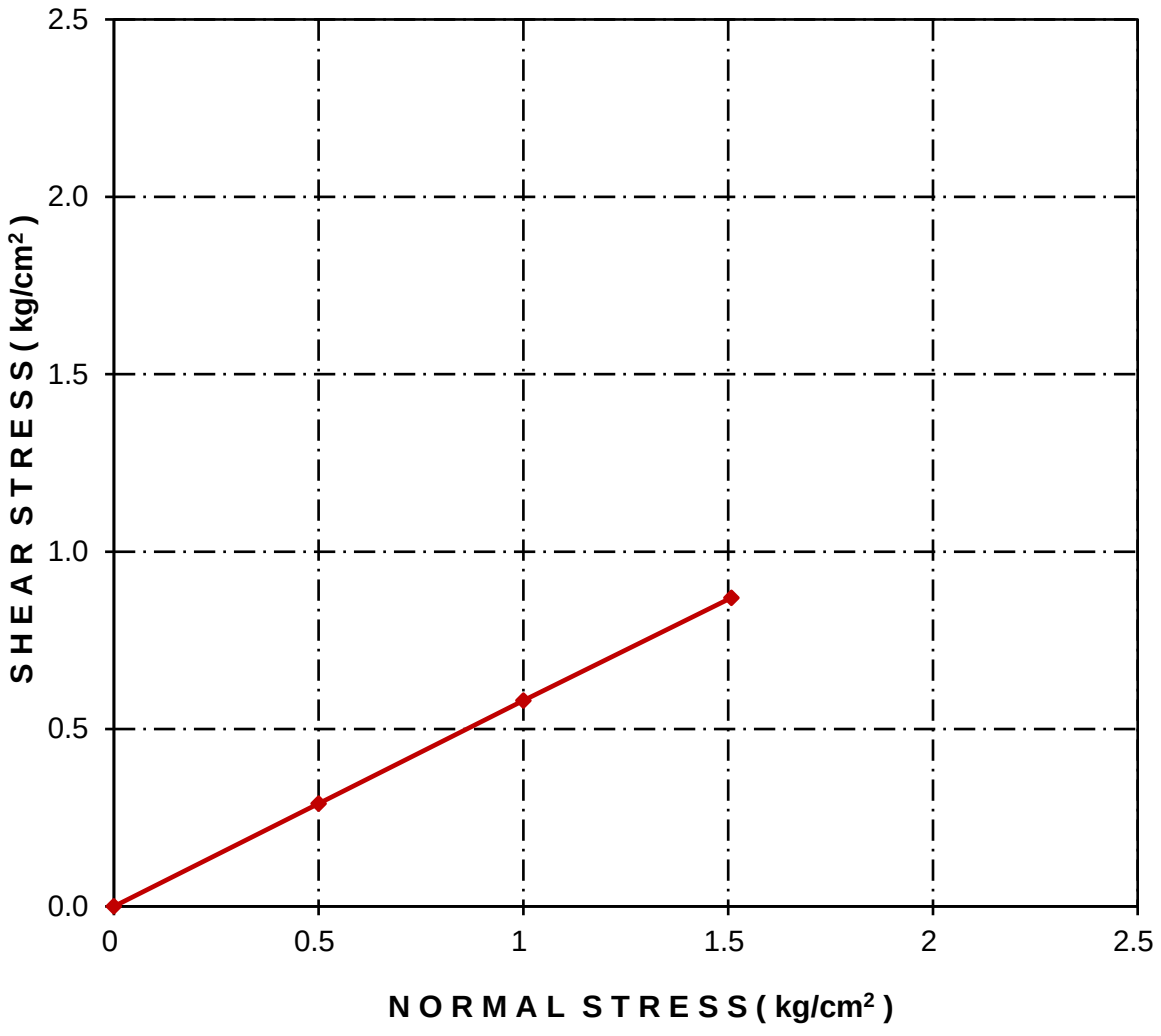


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 134

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	13	**Dry Density (gm/cc)**	1.57
Depth :	8.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	30

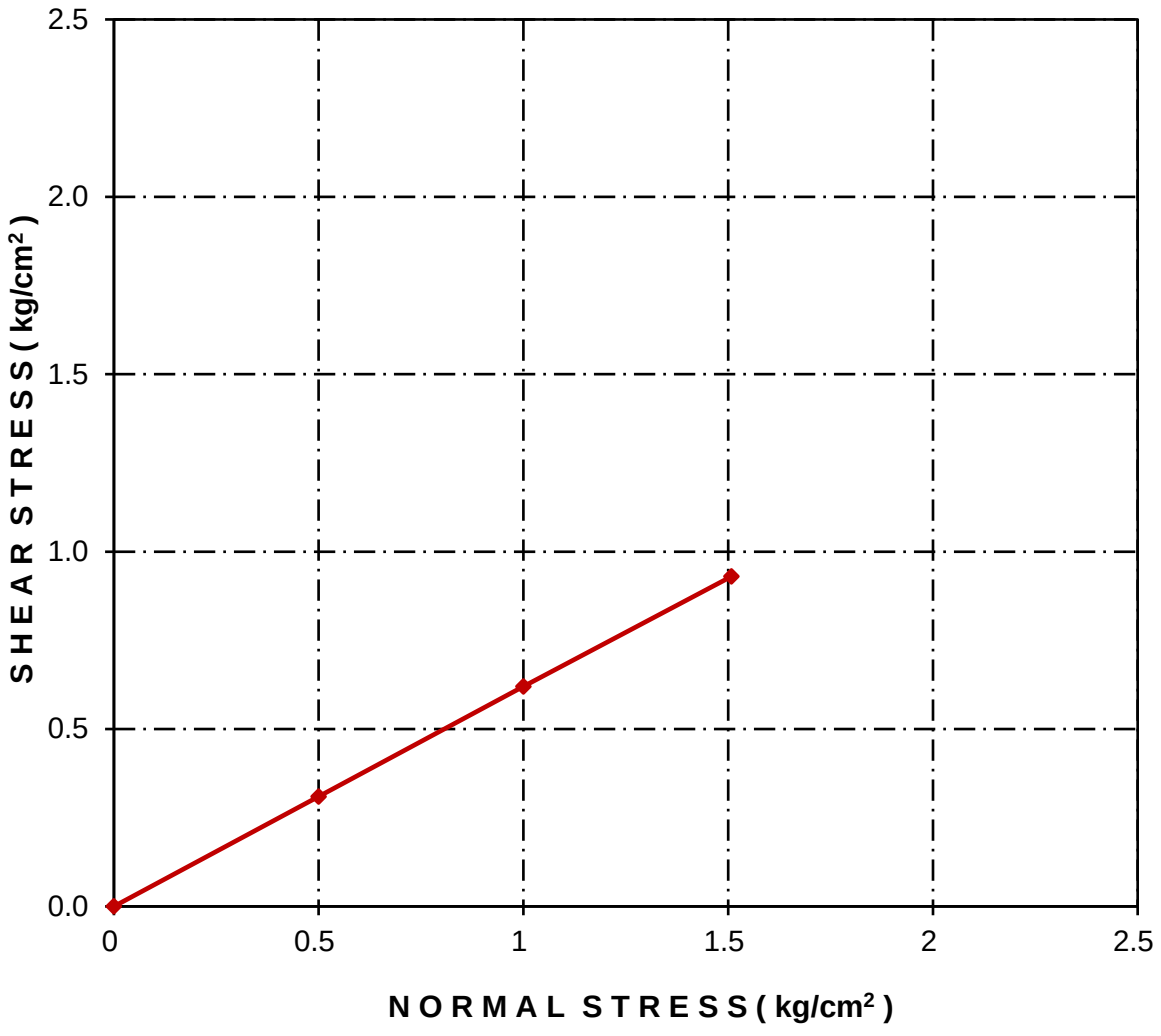


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 135

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	13	**Dry Density (gm/cc)**	1.62
Depth :	11.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	32



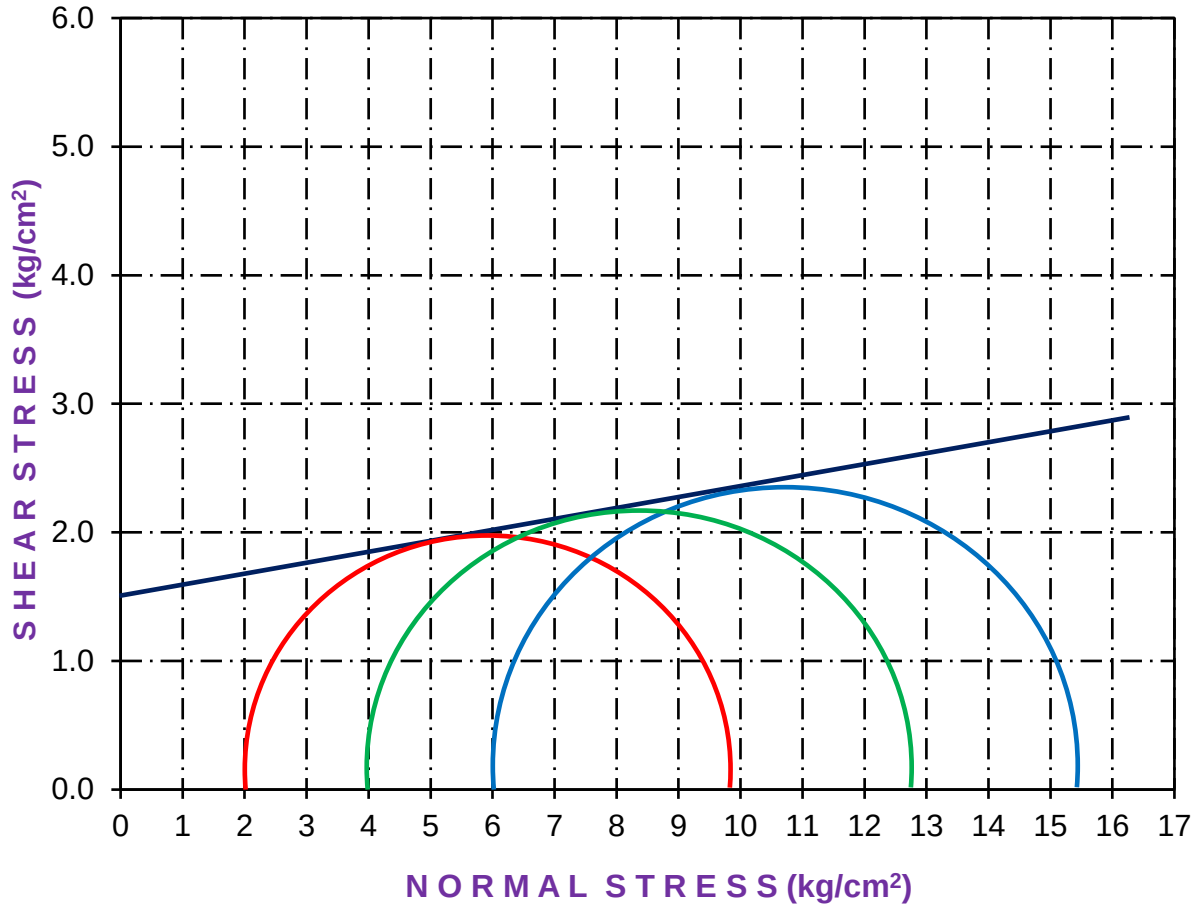
PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. *GEOTECHNICAL CONSULTANTS*	Fig. 136

UNCONSOLIDATED UNDRAINED TRIAXIAL TEST

Borehole No:	13		**Depth :**	20.25m

BULK DENSITY (gm/cc)	DRY DENSITY (gm/cc)	MOISTURE CONTENT (%)	"C" Value (kg/cm^2)	φ Value (Degree)
2.02	1.71	18.2	1.60	10

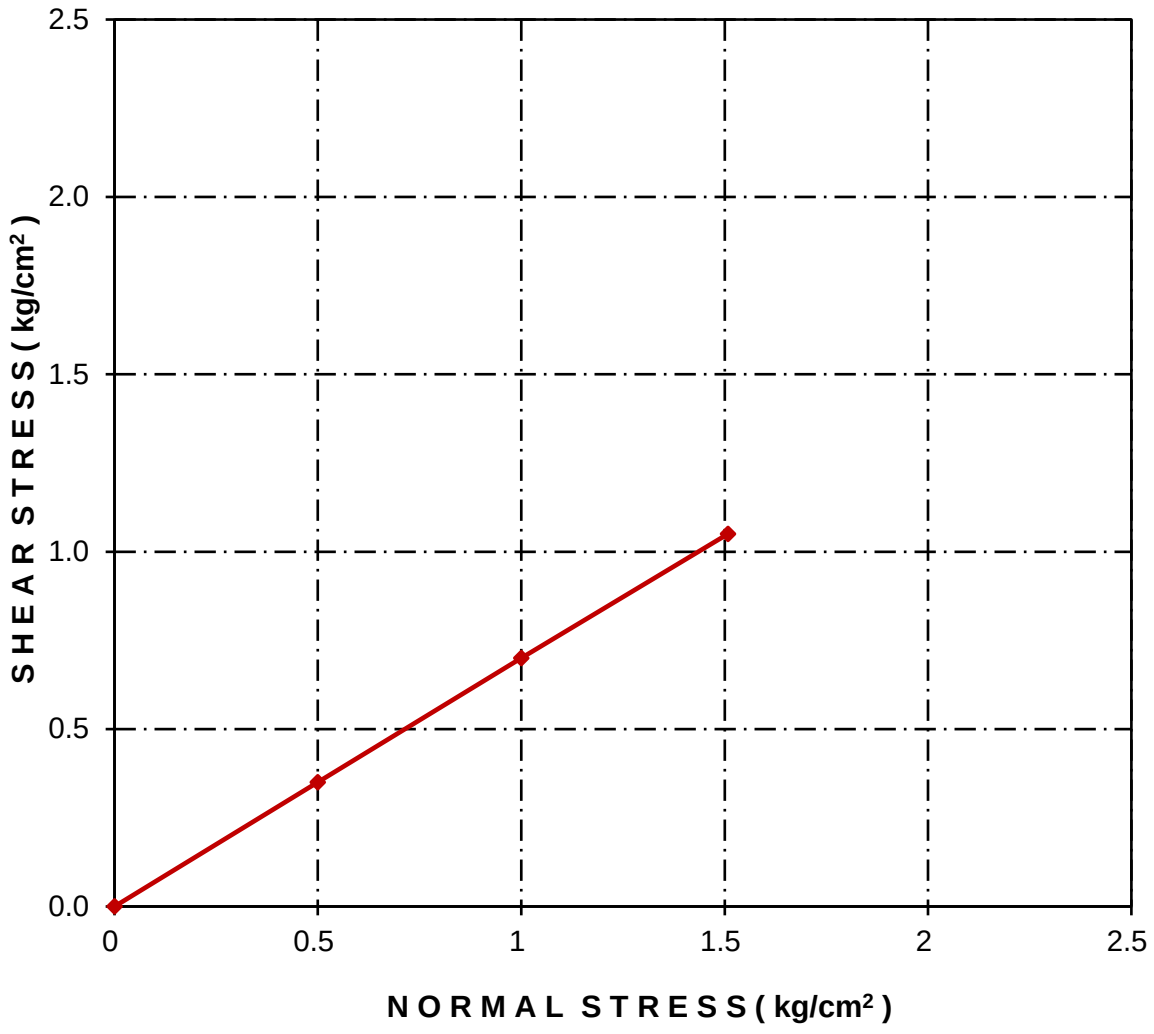


PROJECT : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 137

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	13	**Dry Density (gm/cc)**	1.7
Depth :	32.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	35

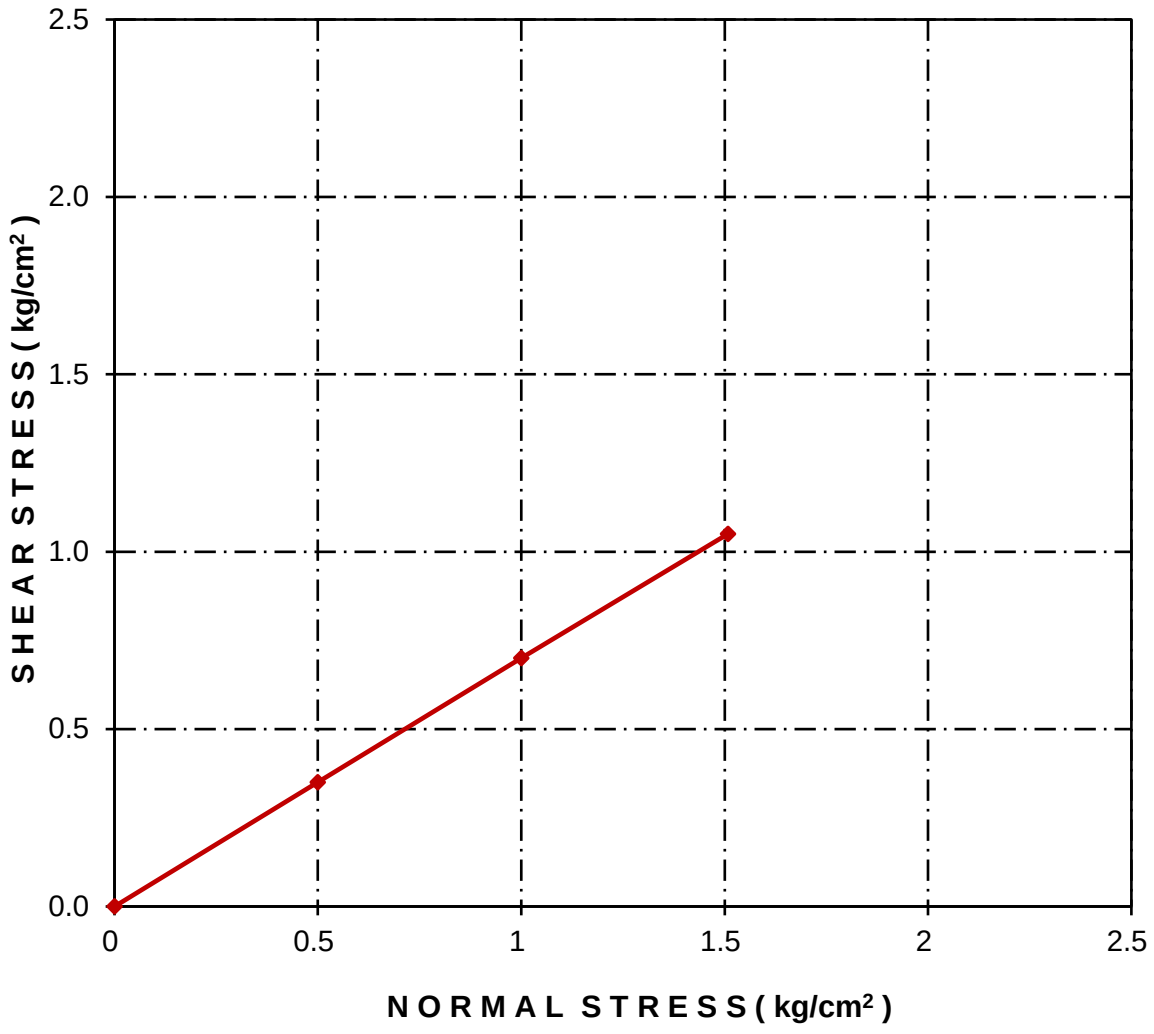


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 138

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	13	**Dry Density (gm/cc)**	1.72
Depth :	44.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	35

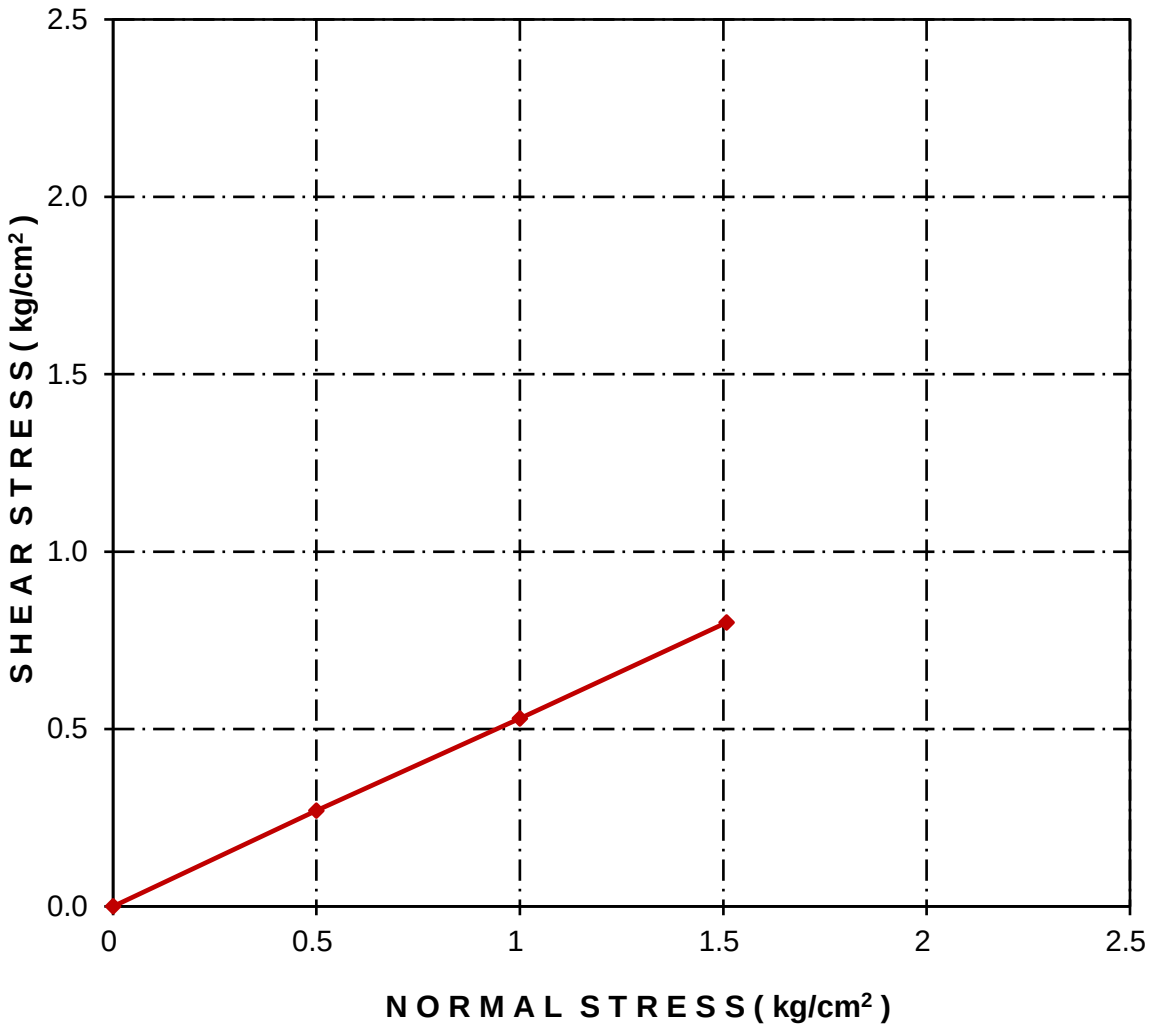


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 139

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	14	**Dry Density (gm/cc)**	1.5
Depth :	2.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	28

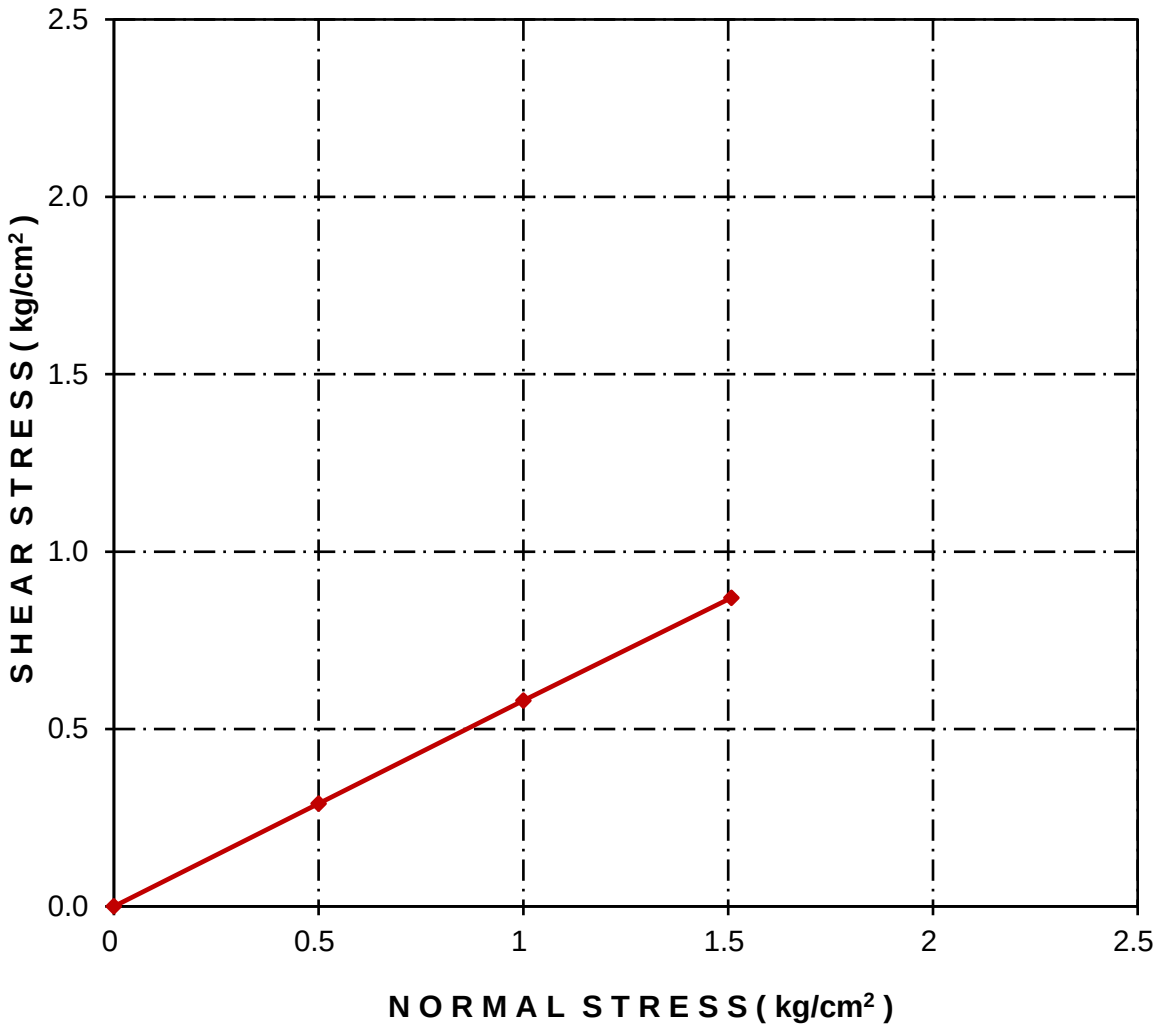


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 140

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	14	**Dry Density (gm/cc)**	1.56
Depth :	8.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	30

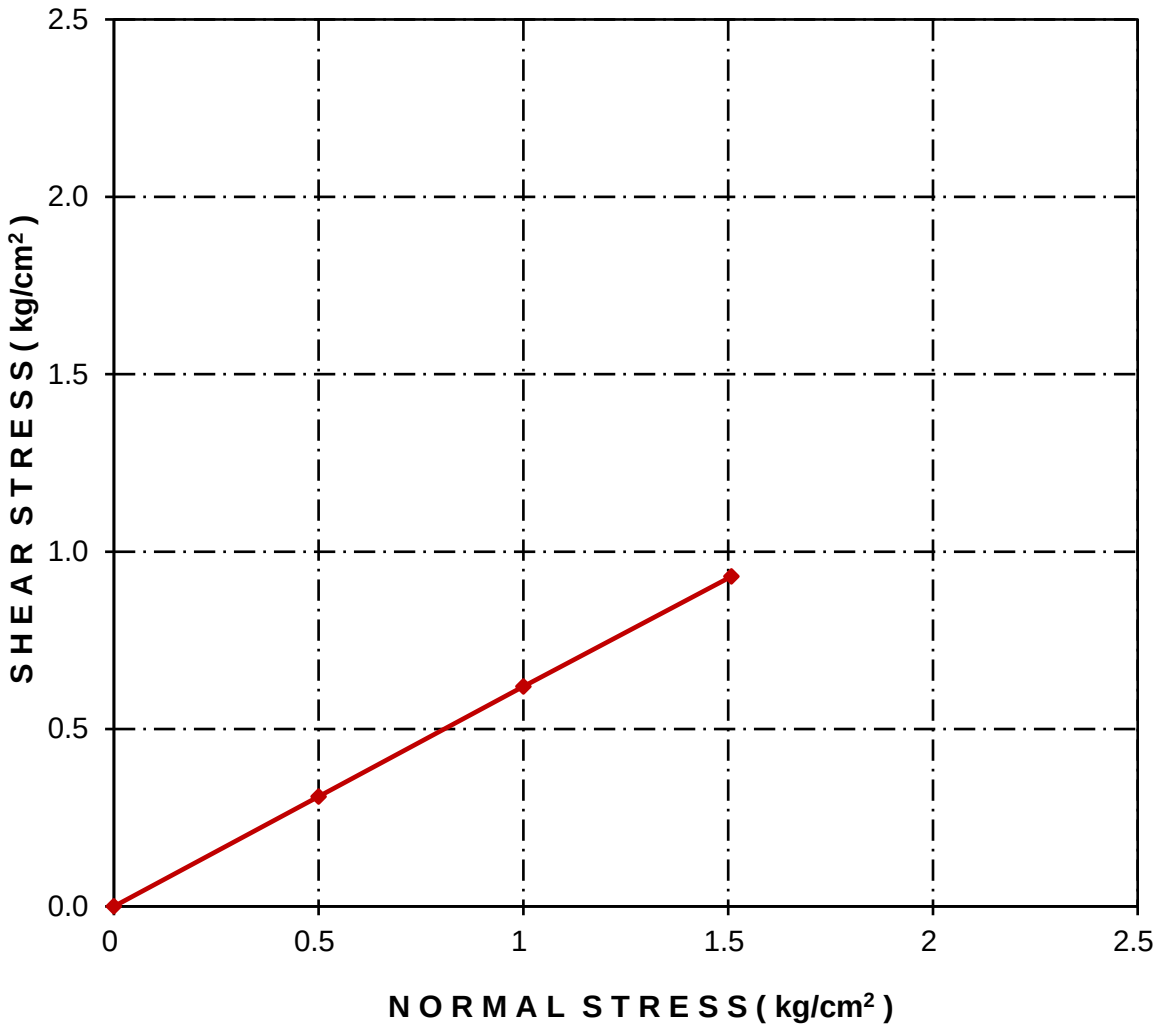


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 141

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	14	**Dry Density (gm/cc)**	1.6
Depth :	11.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	32



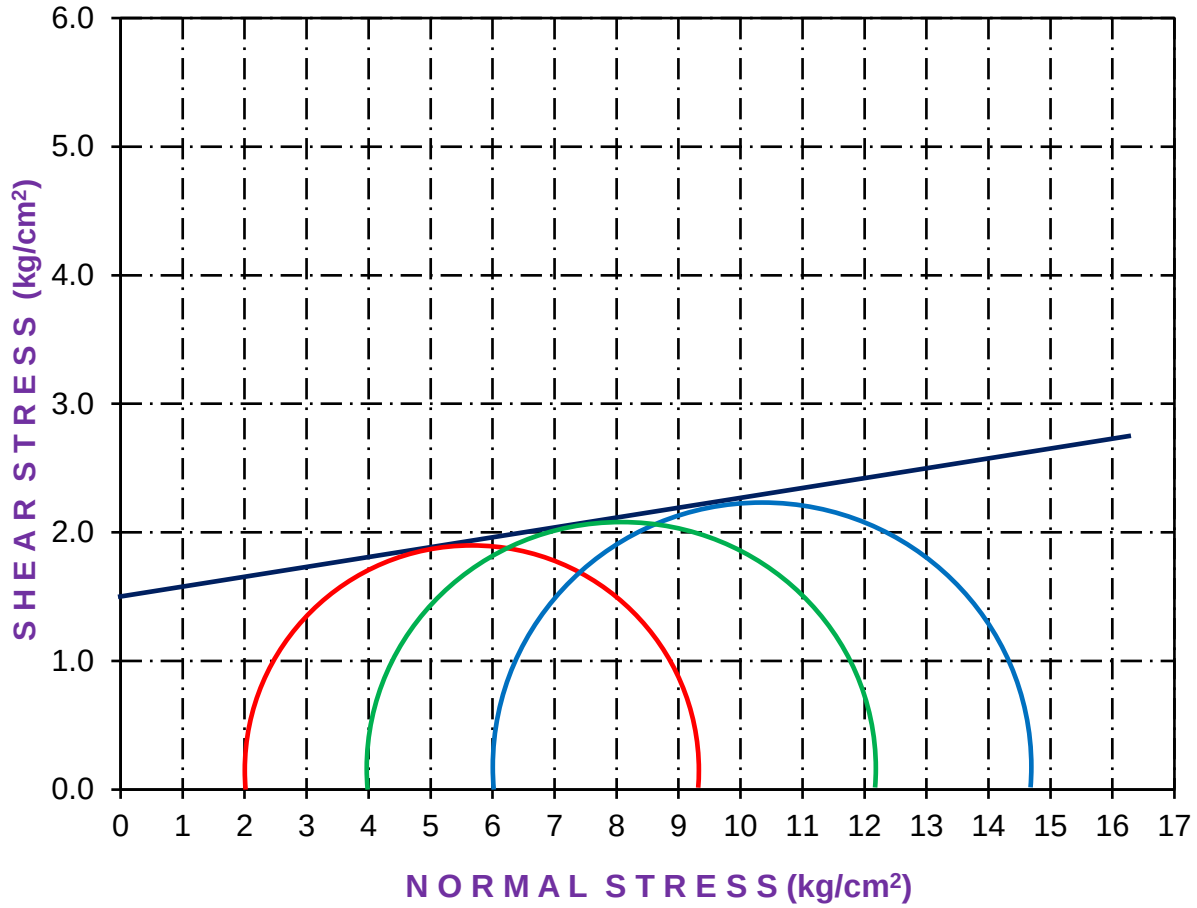
PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. *GEOTECHNICAL CONSULTANTS*	Fig. 142

UNCONSOLIDATED UNDRAINED TRIAXIAL TEST

Borehole No:	14		Depth :	20.25m

BULK DENSITY (gm/cc)	DRY DENSITY (gm/cc)	MOISTURE CONTENT (%)	"C" Value (kg/cm^2)	φ Value (Degree)
1.99	1.70	17.0	1.55	9

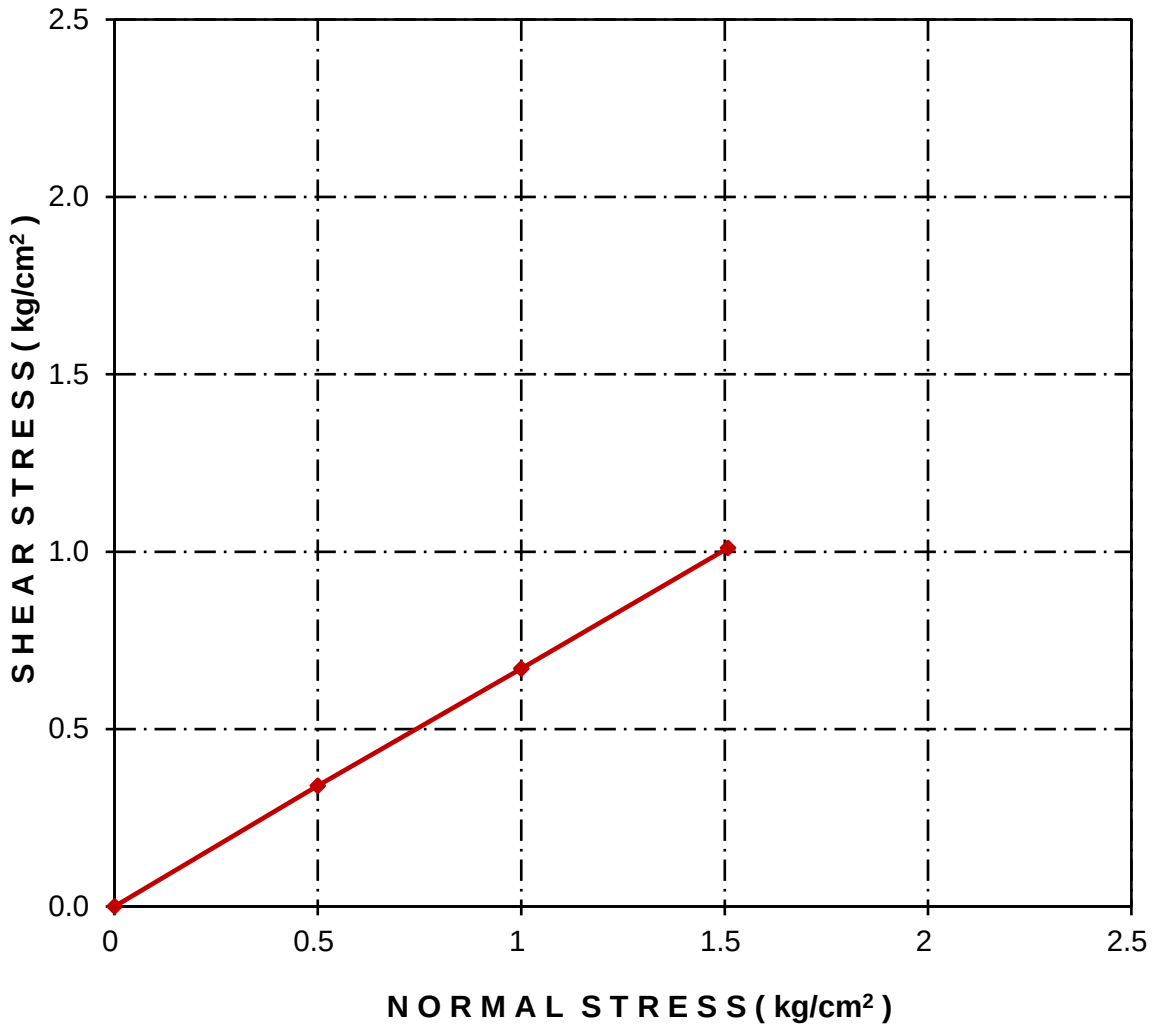


PROJECT : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 143

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	14	**Dry Density (gm/cc)**	1.65
Depth :	32.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	34

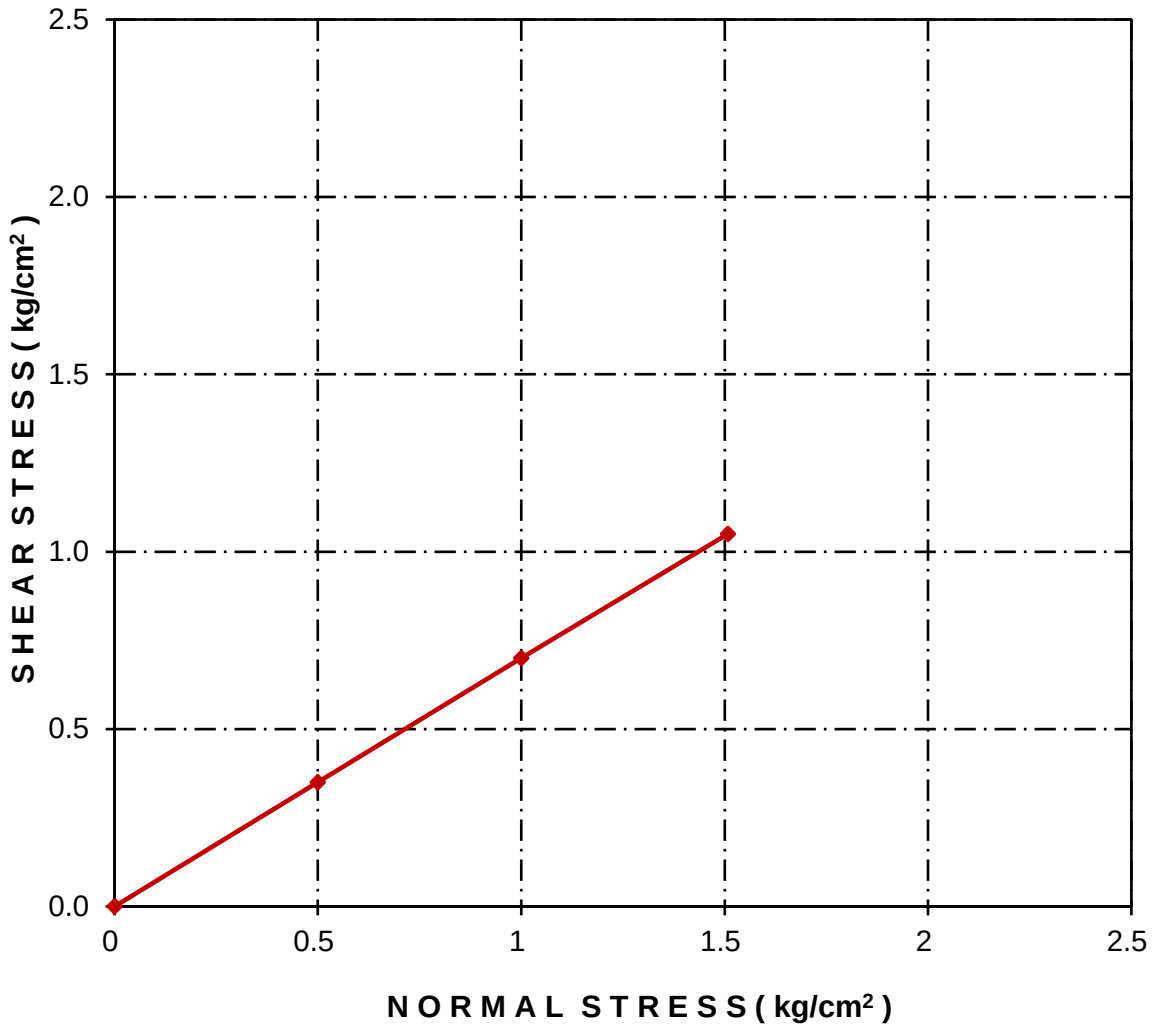


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 144

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	14	**Dry Density (gm/cc)**	1.73
Depth :	44.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	35

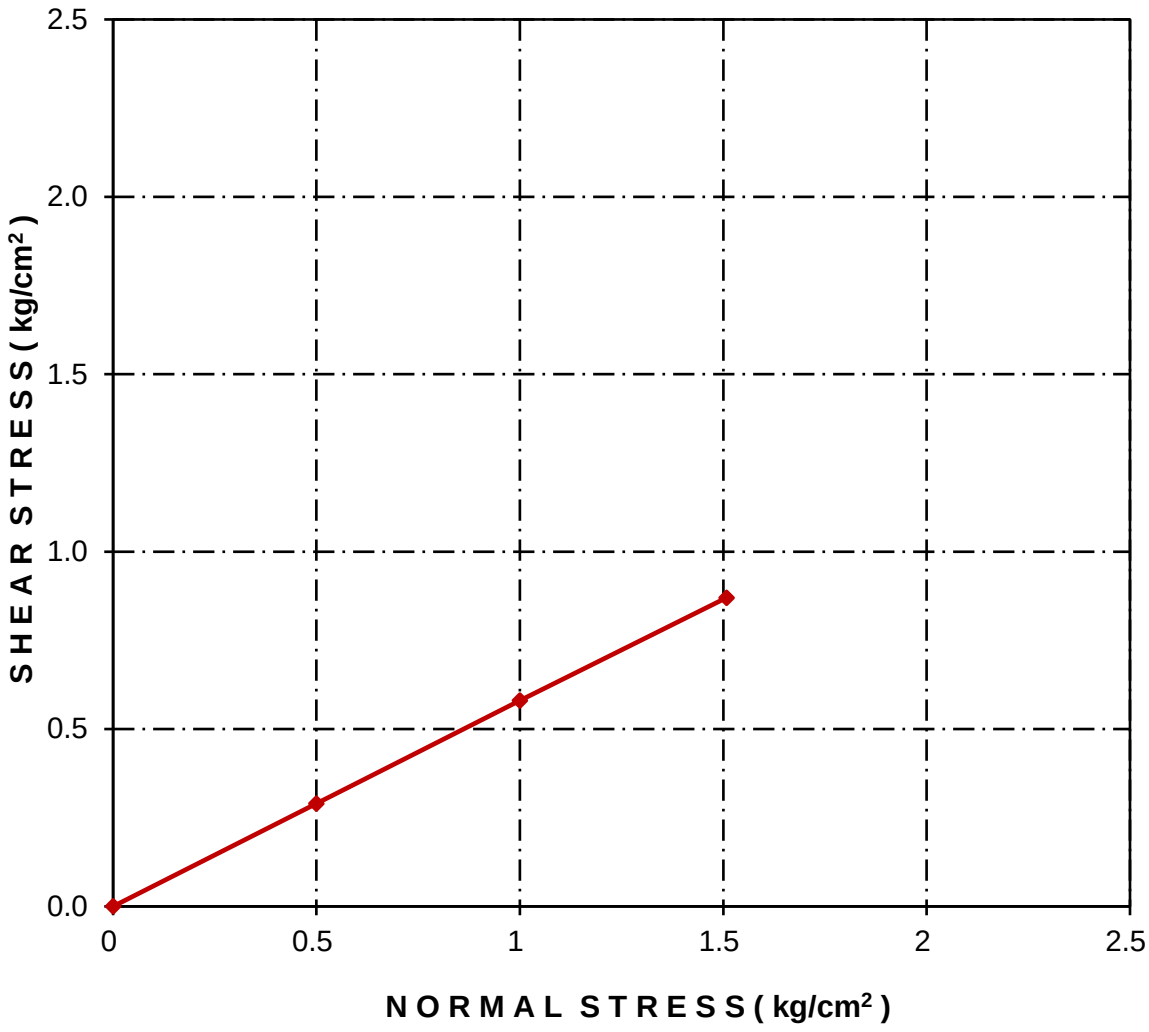


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 145

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	15	**Dry Density (gm/cc)**	1.53
Depth :	2.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	30

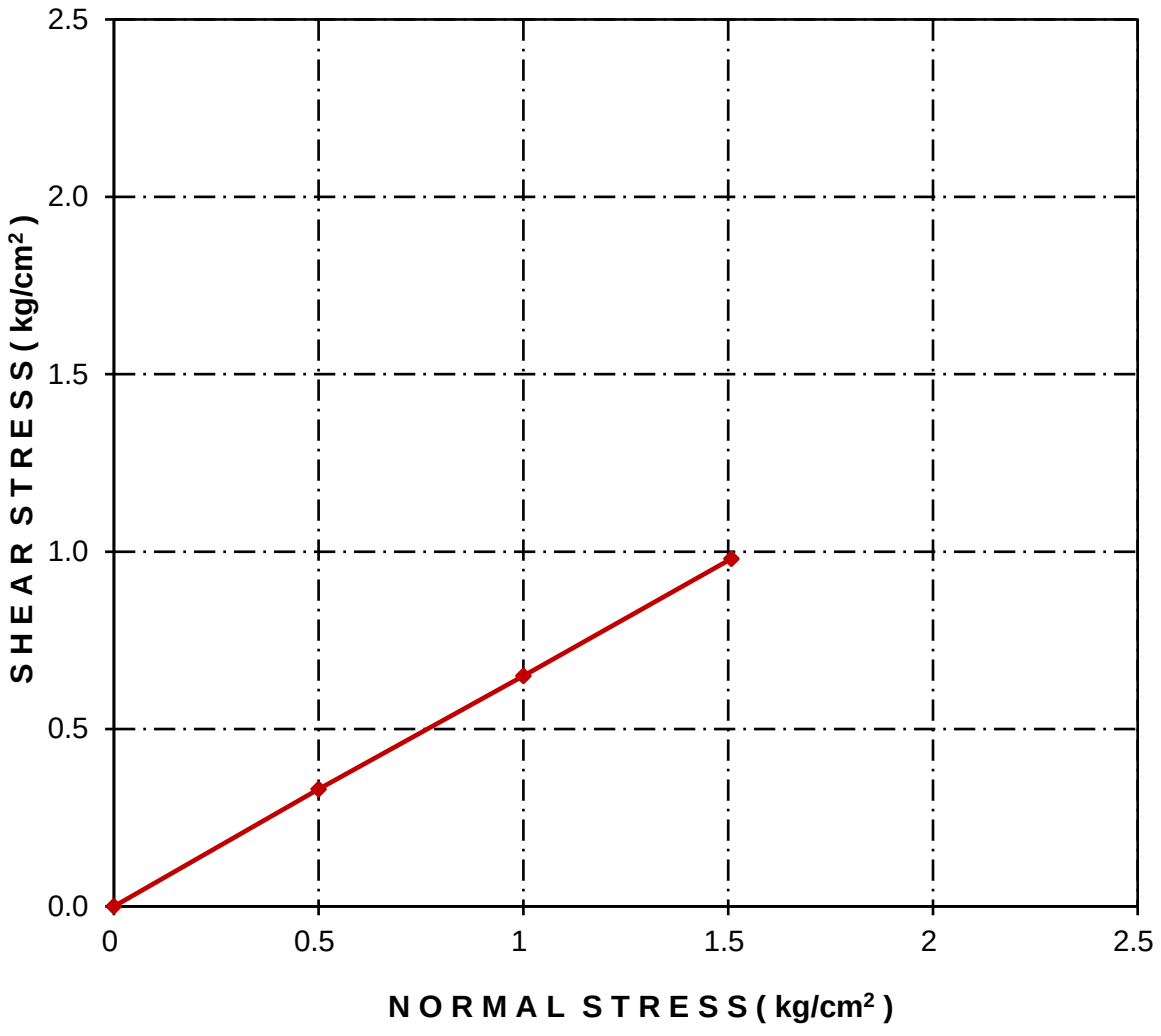


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 146

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	15	**Dry Density (gm/cc)**	1.61
Depth :	8.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	33

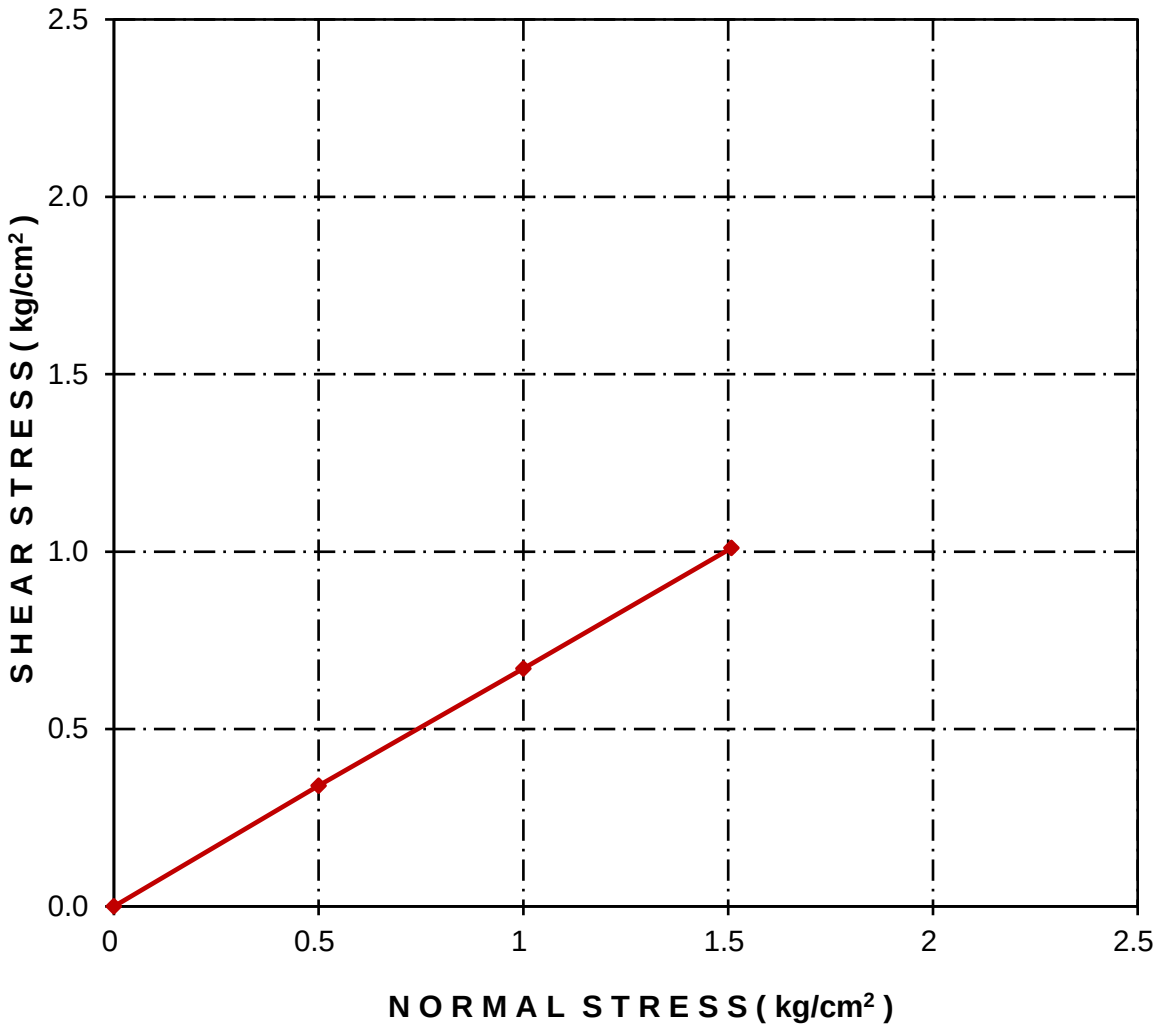


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 147

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	15	**Dry Density (gm/cc)**	1.65
Depth :	11.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	34



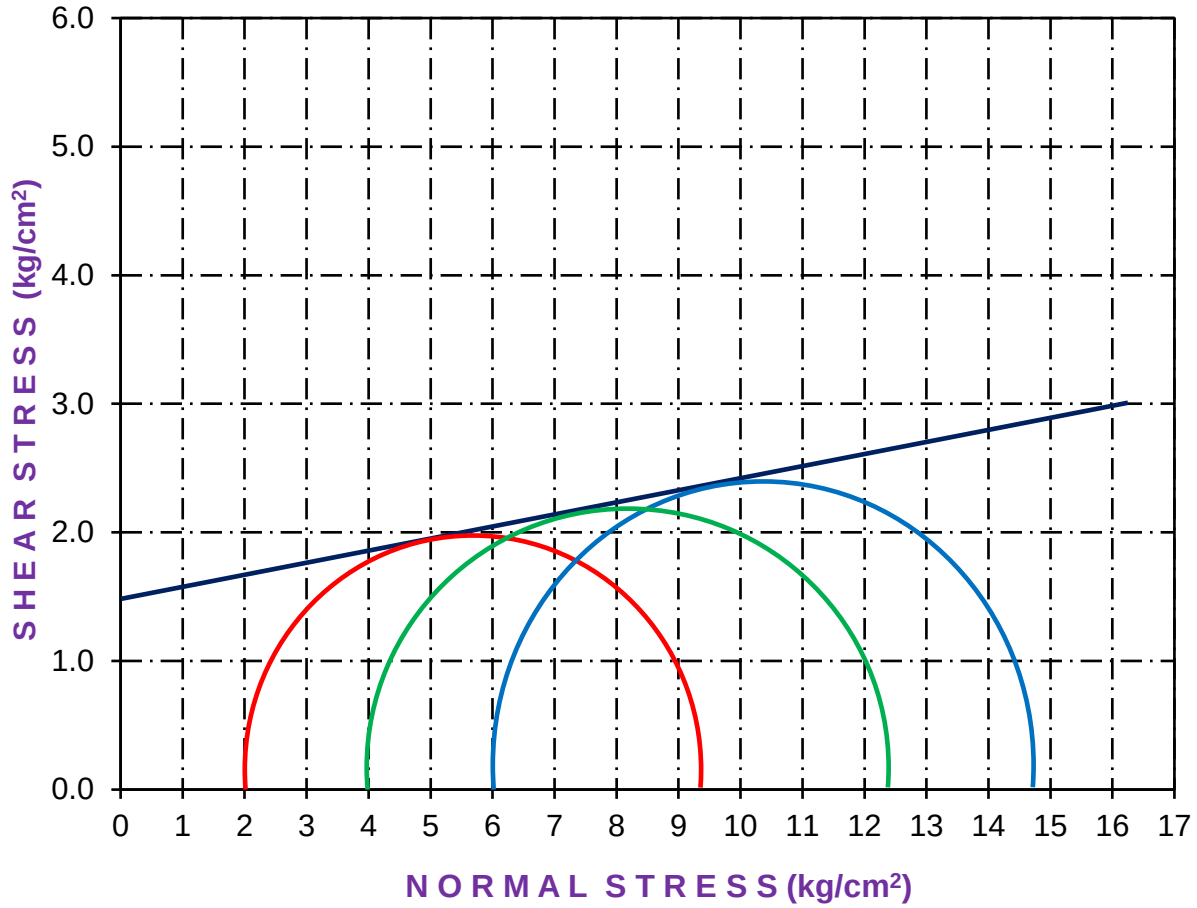
PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. *GEOTECHNICAL CONSULTANTS*	Fig. 148

UNCONSOLIDATED UNDRAINED TRIAXIAL TEST

Borehole No:	15		**Depth :**	17.25m

BULK DENSITY (gm/cc)	DRY DENSITY (gm/cc)	MOISTURE CONTENT (%)	"C" Value (kg/cm^2)	φ Value (Degree)
2.10	1.74	20.5	1.55	11

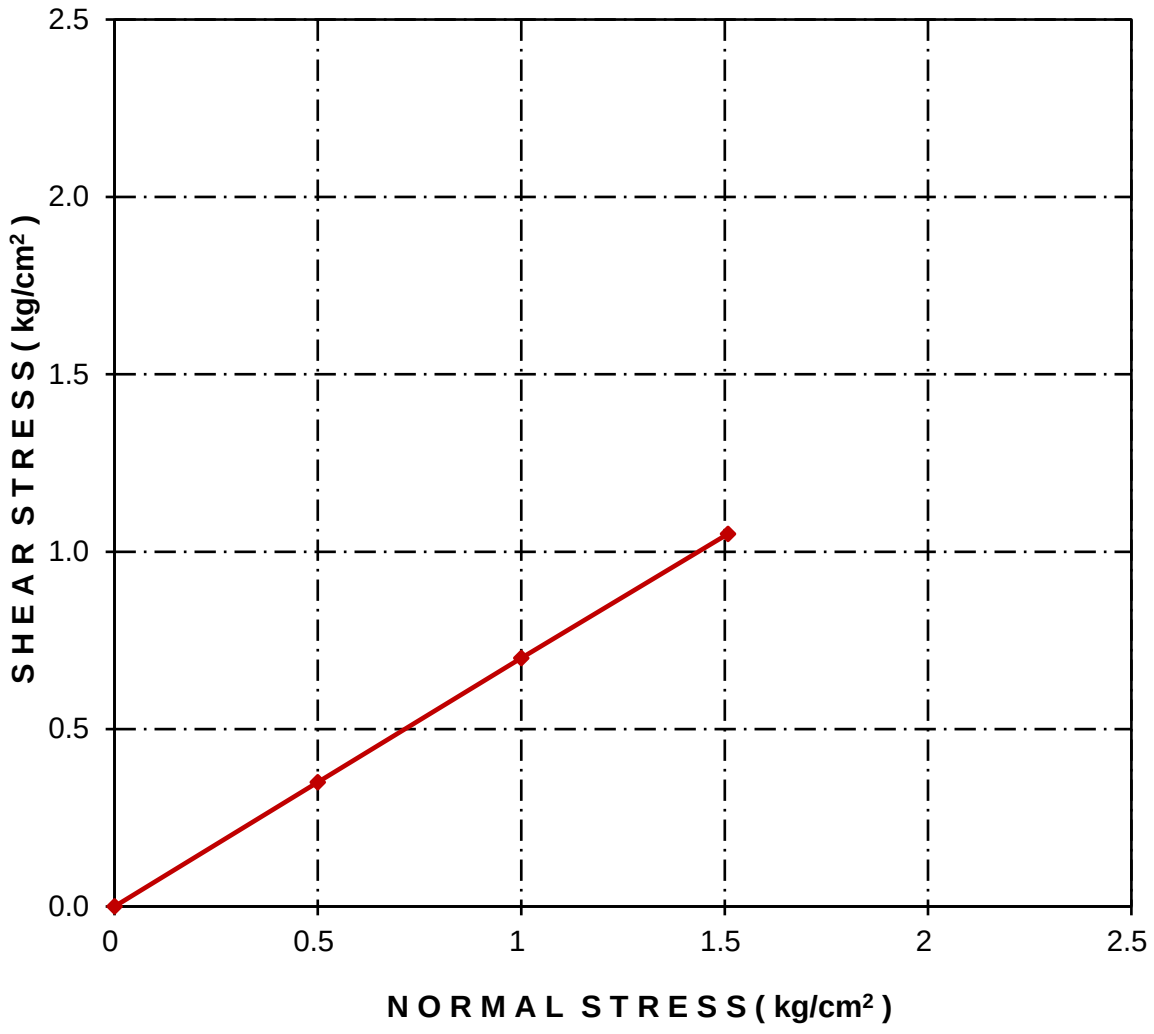


PROJECT : PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 149

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	15	**Dry Density (gm/cc)**	1.7
Depth :	27.00M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	35

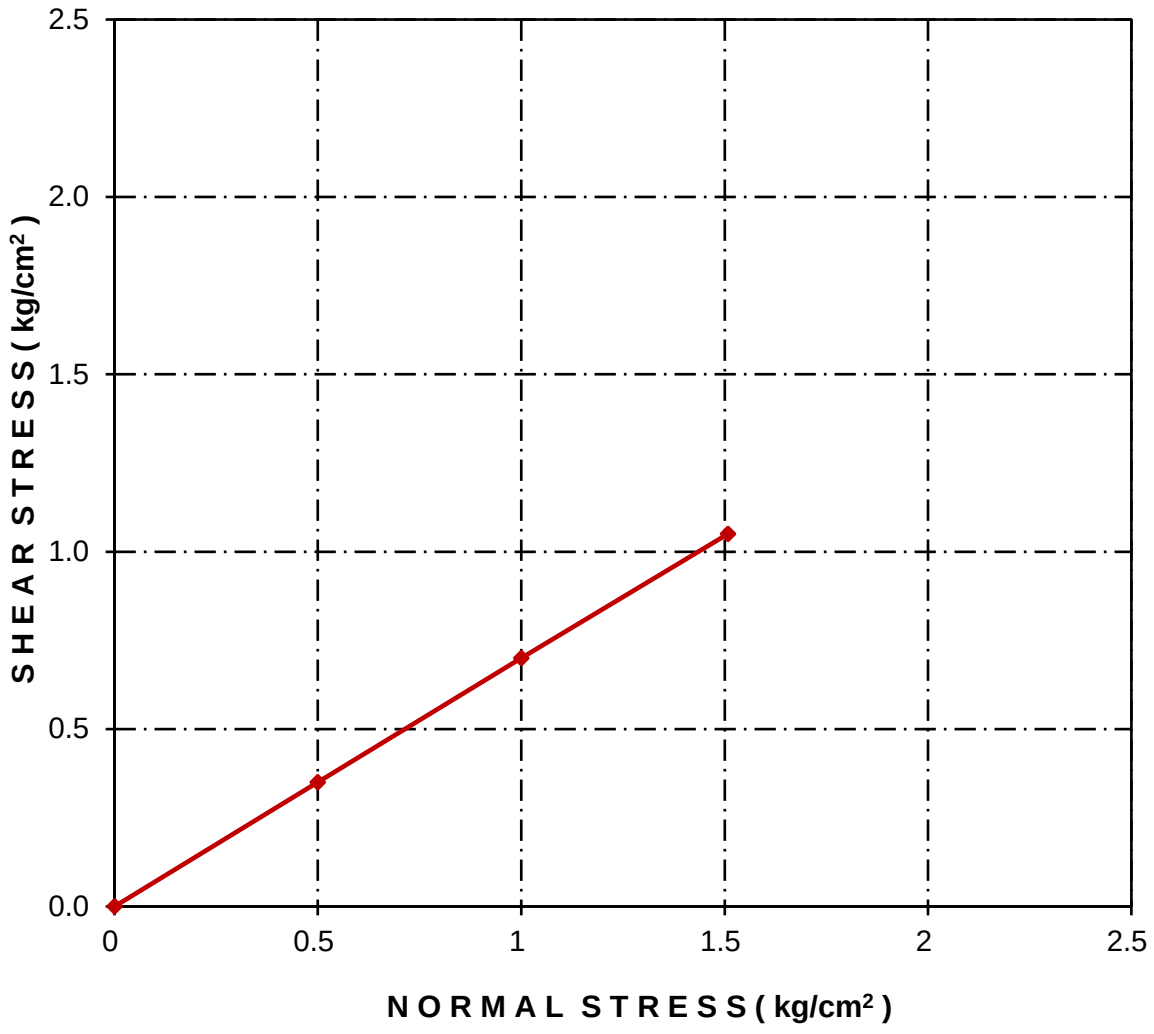


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. ***GEOTECHNICAL CONSULTANTS***	Fig. 150

DIRECT SHEAR TEST	**ISO/IEC 17025: 2017 Certified Laboratory (NABL)**	NABL ACCREDITED **TC-8543**

Borehole No :	15	**Dry Density (gm/cc)**	1.72
Depth :	41.25M	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	35

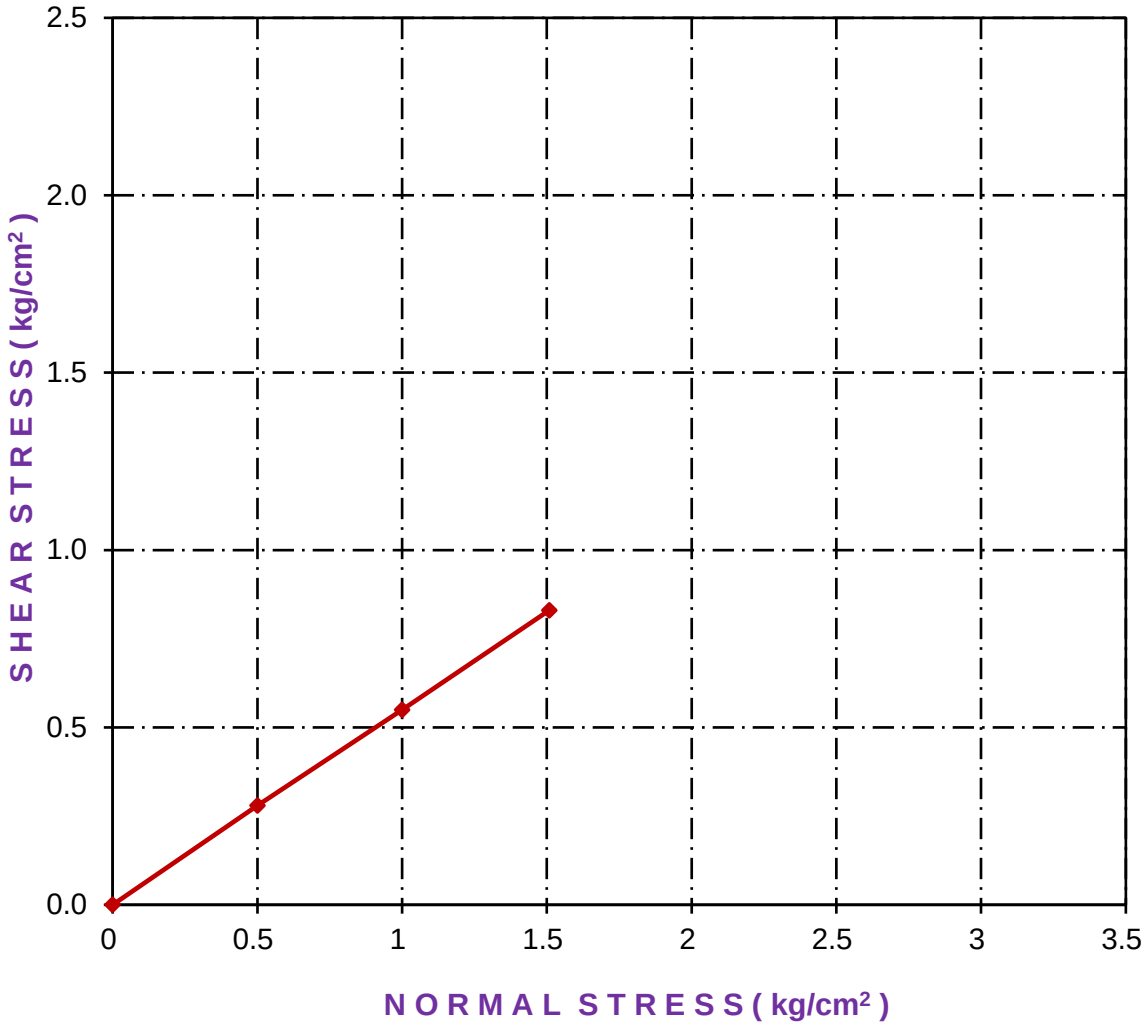


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. GEOTECHNICAL CONSULTANTS	Fig. 151

DIRECT SHEAR TEST

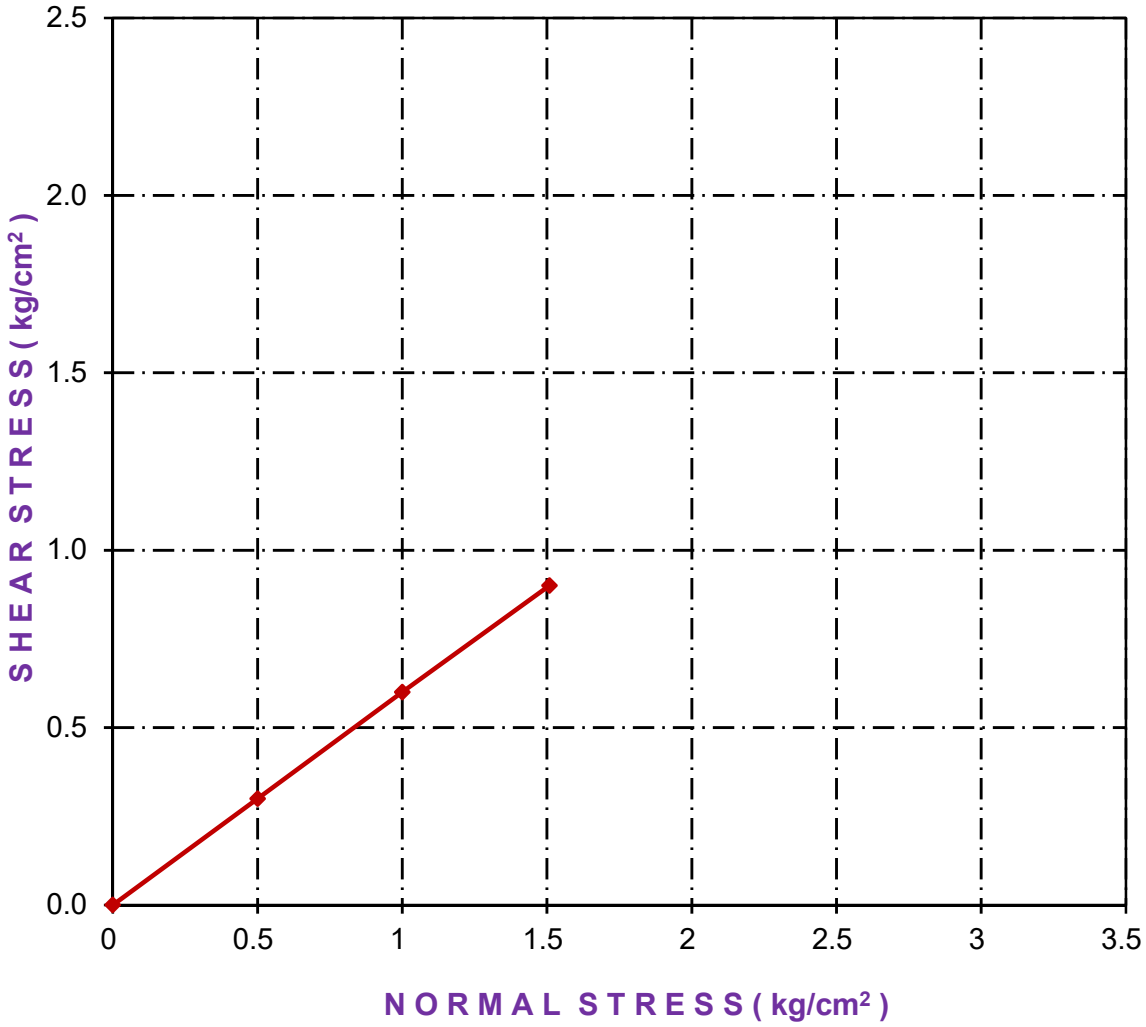
Borehole No :	16	**Dry Density (gm/cc)**	1.53
Depth :	2.25m	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	29



PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

DIRECT SHEAR TEST

Borehole No :	16	**Dry Density (gm/cc)**	1.58
Depth :	8.25m	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	31

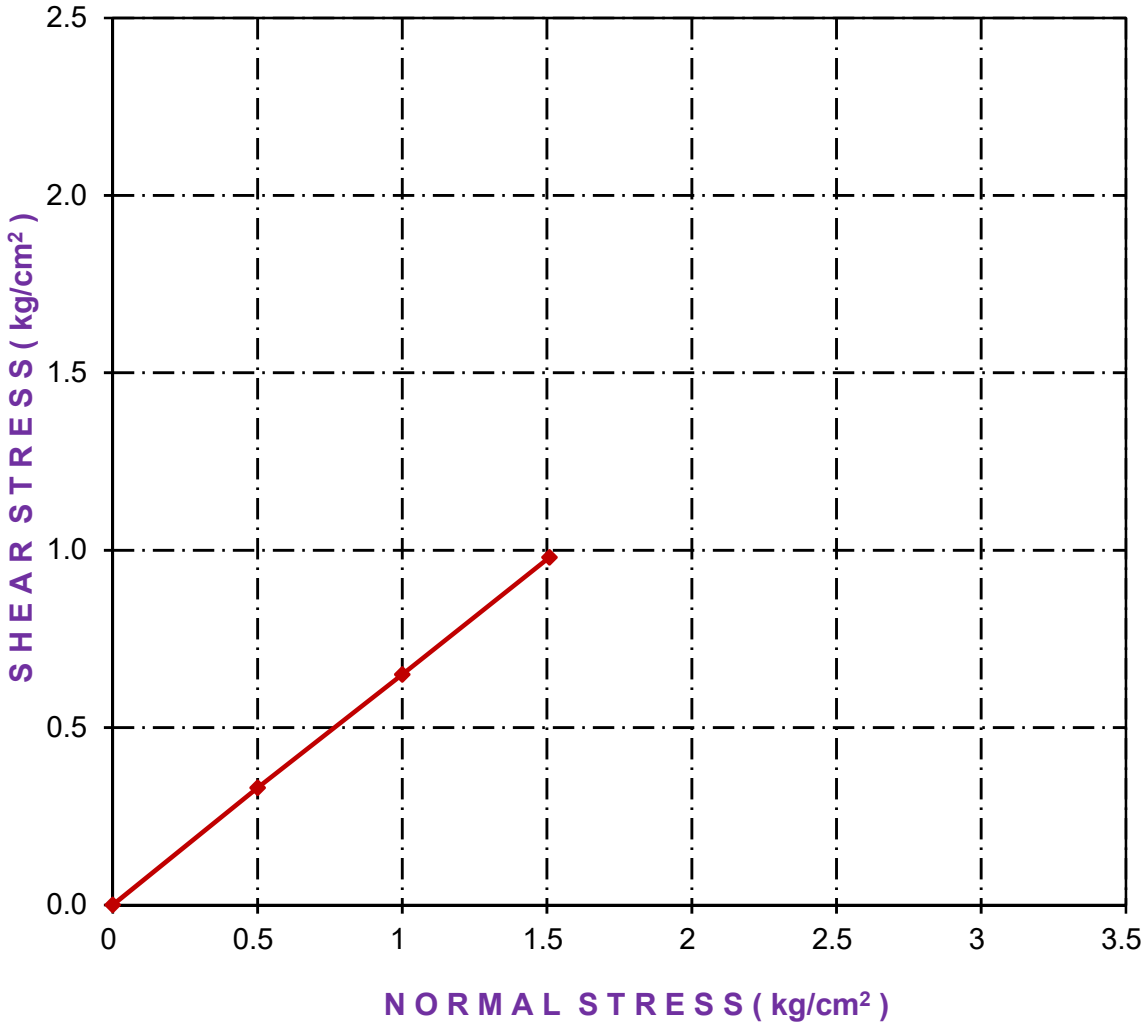


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. **GEOTECHNICAL CONSULTANTS**	Fig. 153.

DIRECT SHEAR TEST

Borehole No :	16	**Dry Density (gm/cc)**	1.64
Depth :	11.25m	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	33

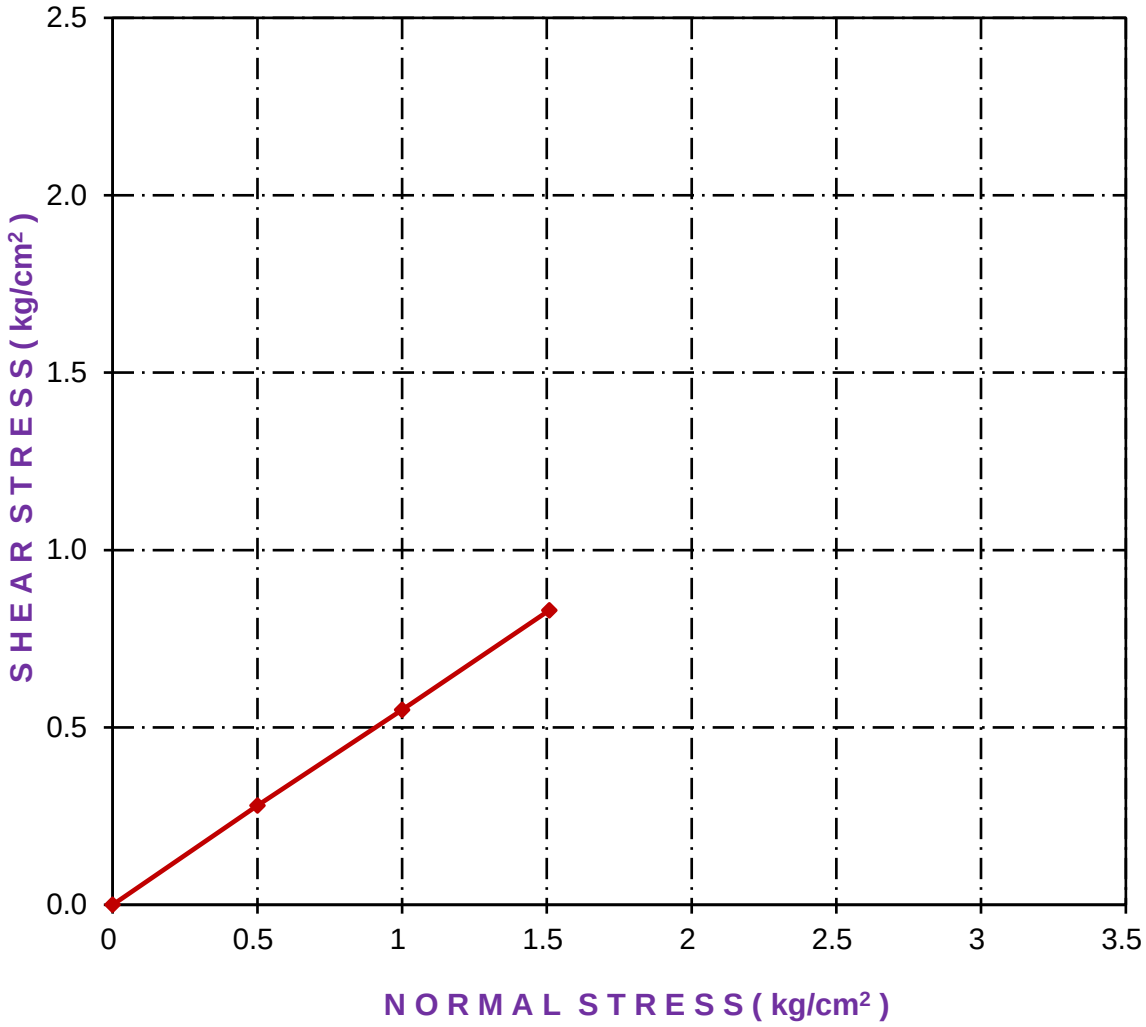


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. GEOTECHNICAL CONSULTANTS	Fig. 154

DIRECT SHEAR TEST

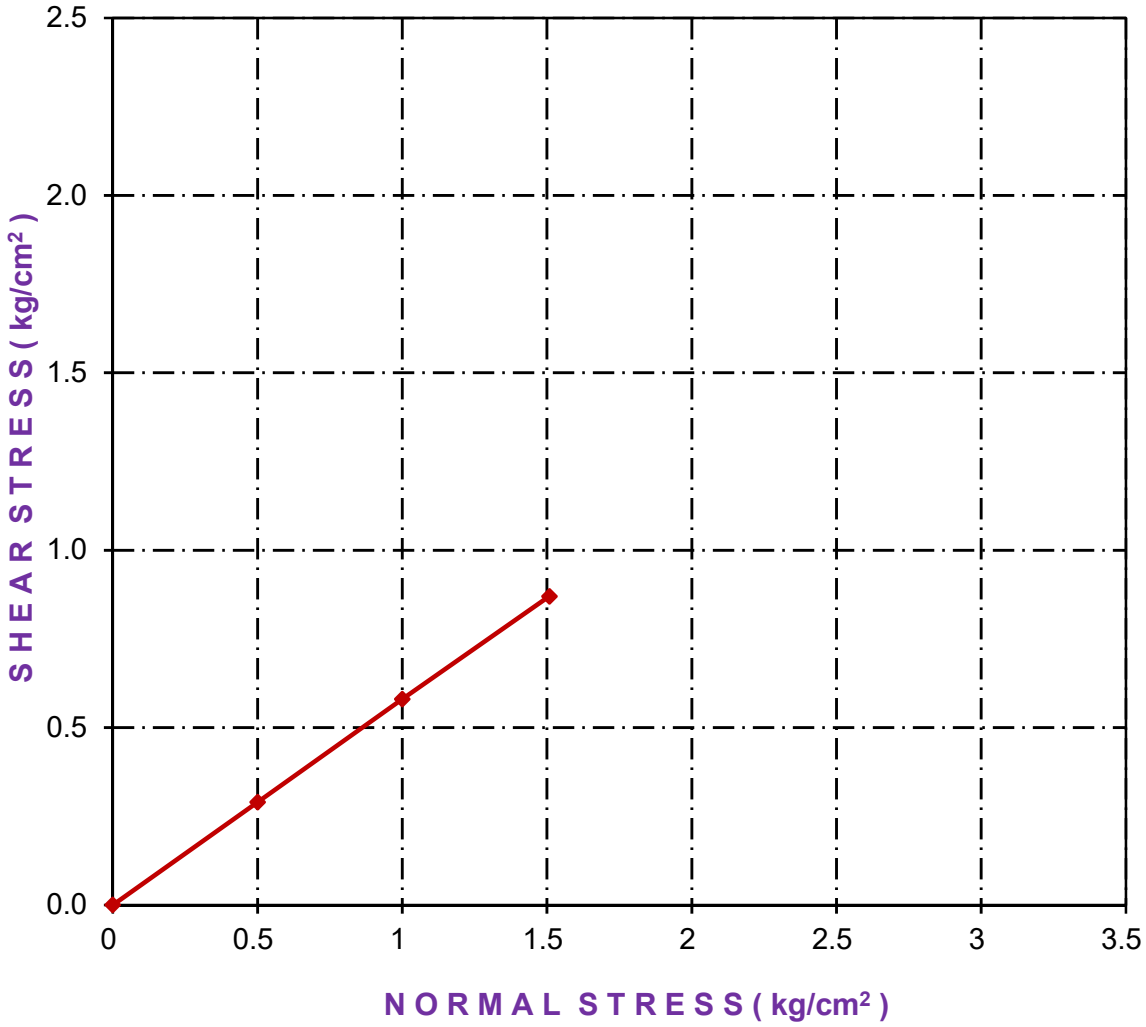
Borehole No :	17	**Dry Density (gm/cc)**	1.50
Depth :	2.25m	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	29



PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

DIRECT SHEAR TEST

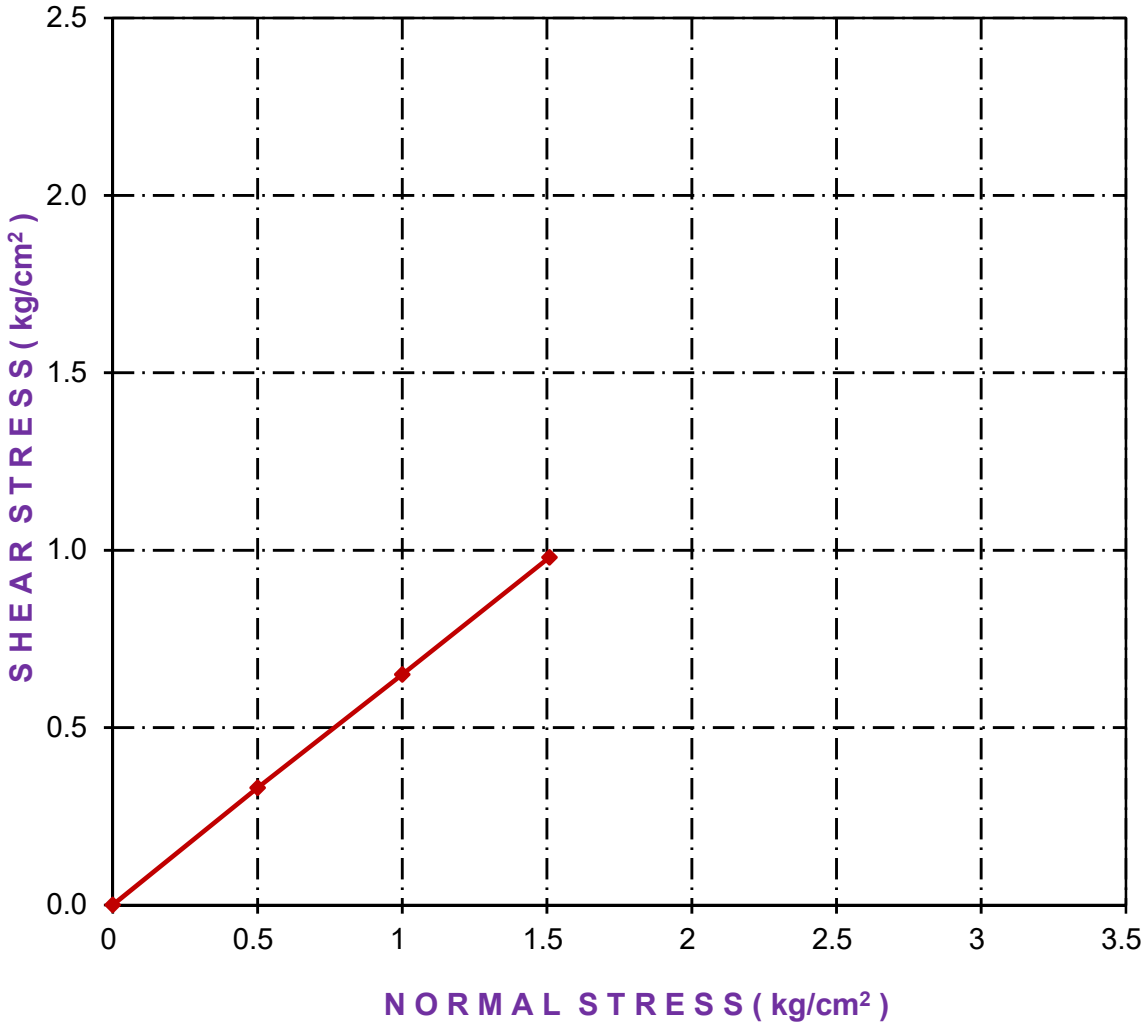
Borehole No :	17	**Dry Density (gm/cc)**	1.56
Depth :	8.25m	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	30



PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

DIRECT SHEAR TEST

Borehole No :	17	**Dry Density (gm/cc)**	1.63
Depth :	14.25m	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	33

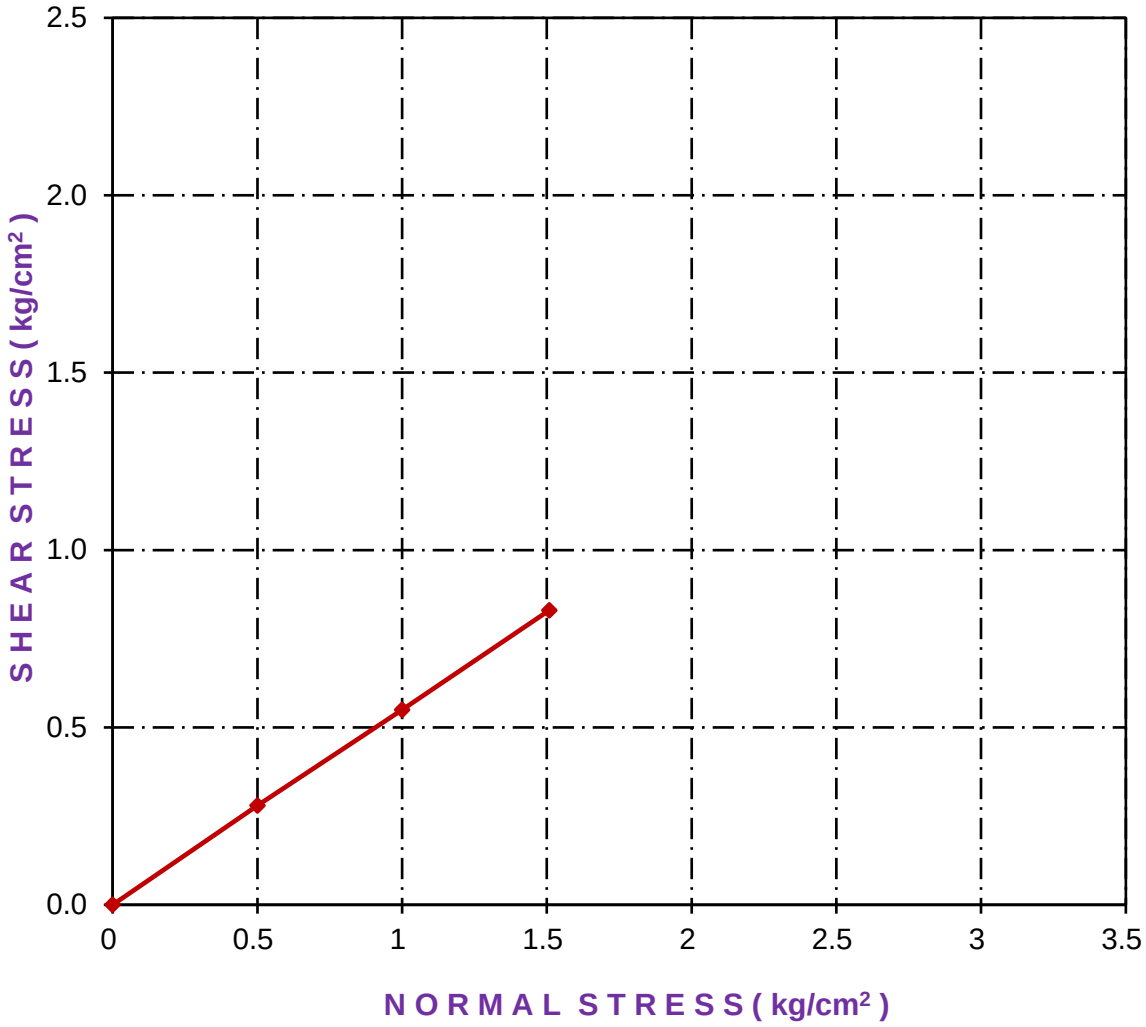


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. GEOTECHNICAL CONSULTANTS	Fig. 157

DIRECT SHEAR TEST

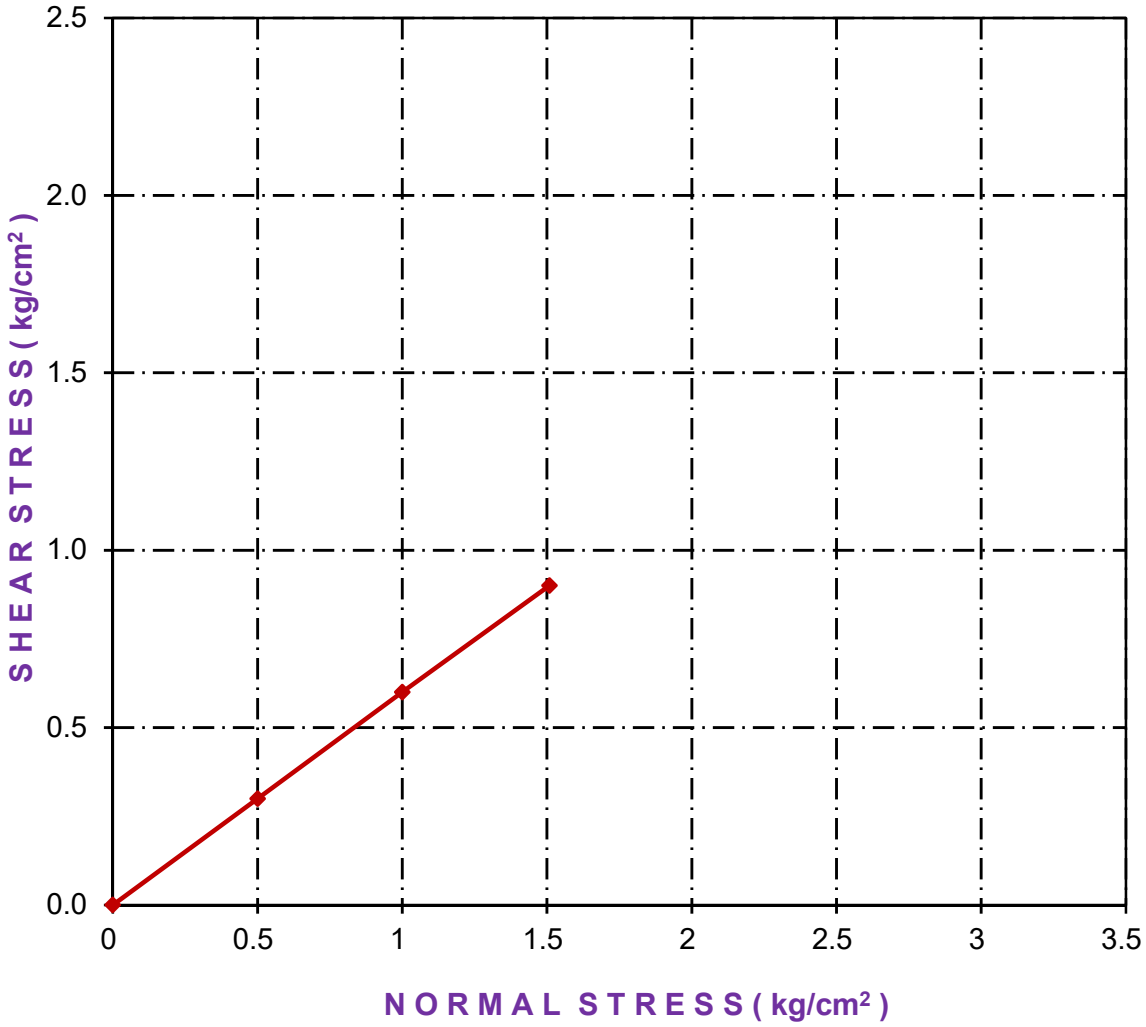
Borehole No :	18	**Dry Density (gm/cc)**	1.51
Depth :	2.25m	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	29



PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

DIRECT SHEAR TEST

Borehole No :	18	**Dry Density (gm/cc)**	1.58
Depth :	8.25m	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	31

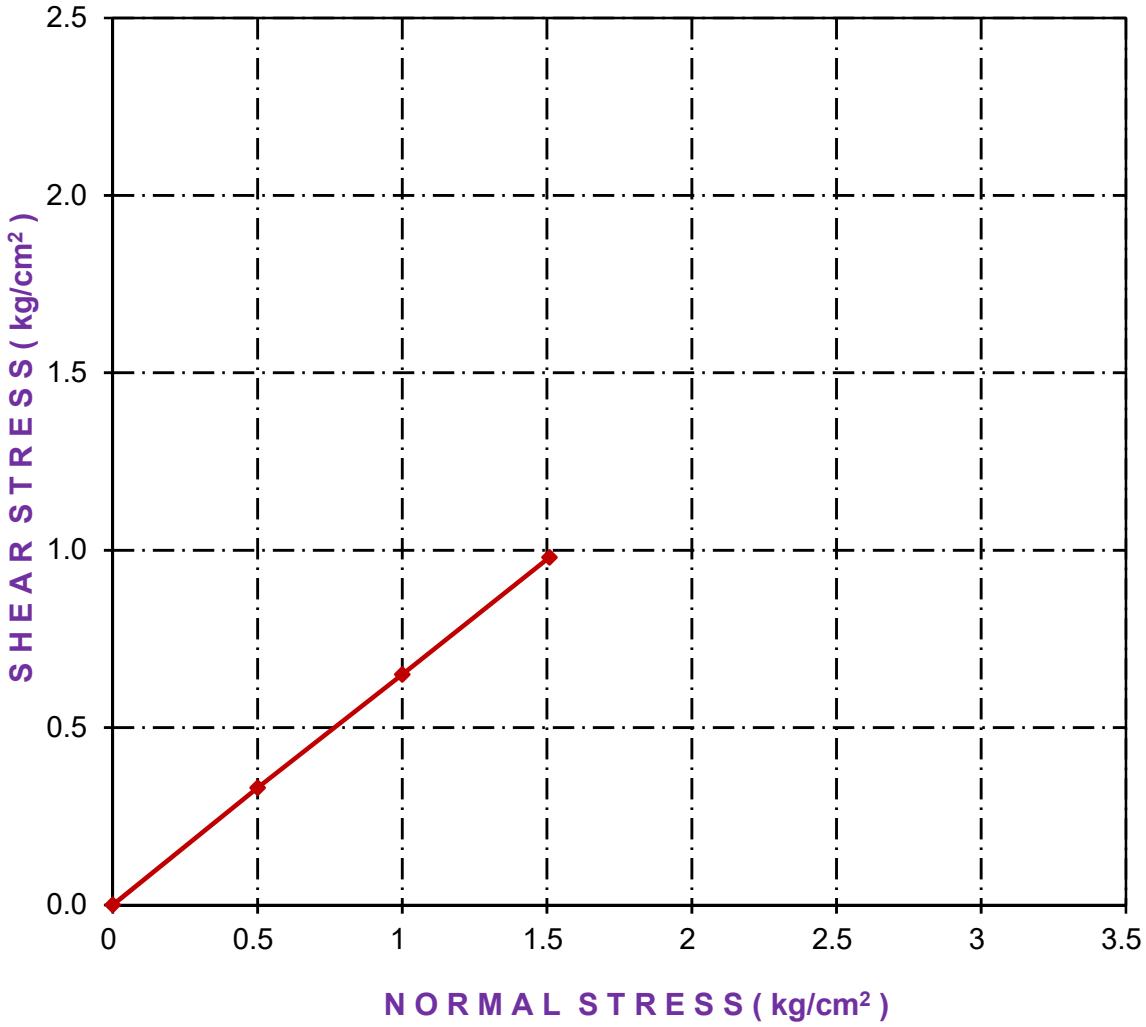


PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. GEOTECHNICAL CONSULTANTS	Fig. 159

DIRECT SHEAR TEST

Borehole No :	18	**Dry Density (gm/cc)**	1.61
Depth :	11.25m	**"C" Value (kg/cm^2)**	0
Type of Test:	Direct Shear Test	**"ϕ" Value Degree**	33



PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

CHEMICAL TEST RESULTS

SOIL				
Borehole No.	**Depth, (m)**	**Sulphate Content ,% (SO_3)**	**Chloride Content ,%**	**pH Value**
BH-2	1.50	0.09	0.02	7.1
BH-8	3.00	0.12	0.04	7.4
BH-15	2.25	0.10	0.05	7.2

WATER				
Borehole No.	**Depth, (m)**	**Sulphate Content , mg/l (SO_3)**	**Chloride Content , mg/l**	**pH Value**
BH-2	-	280.00	128	7.7
BH-8	-	330.00	140	7.8
BH-15	-	340.00	150	7.6

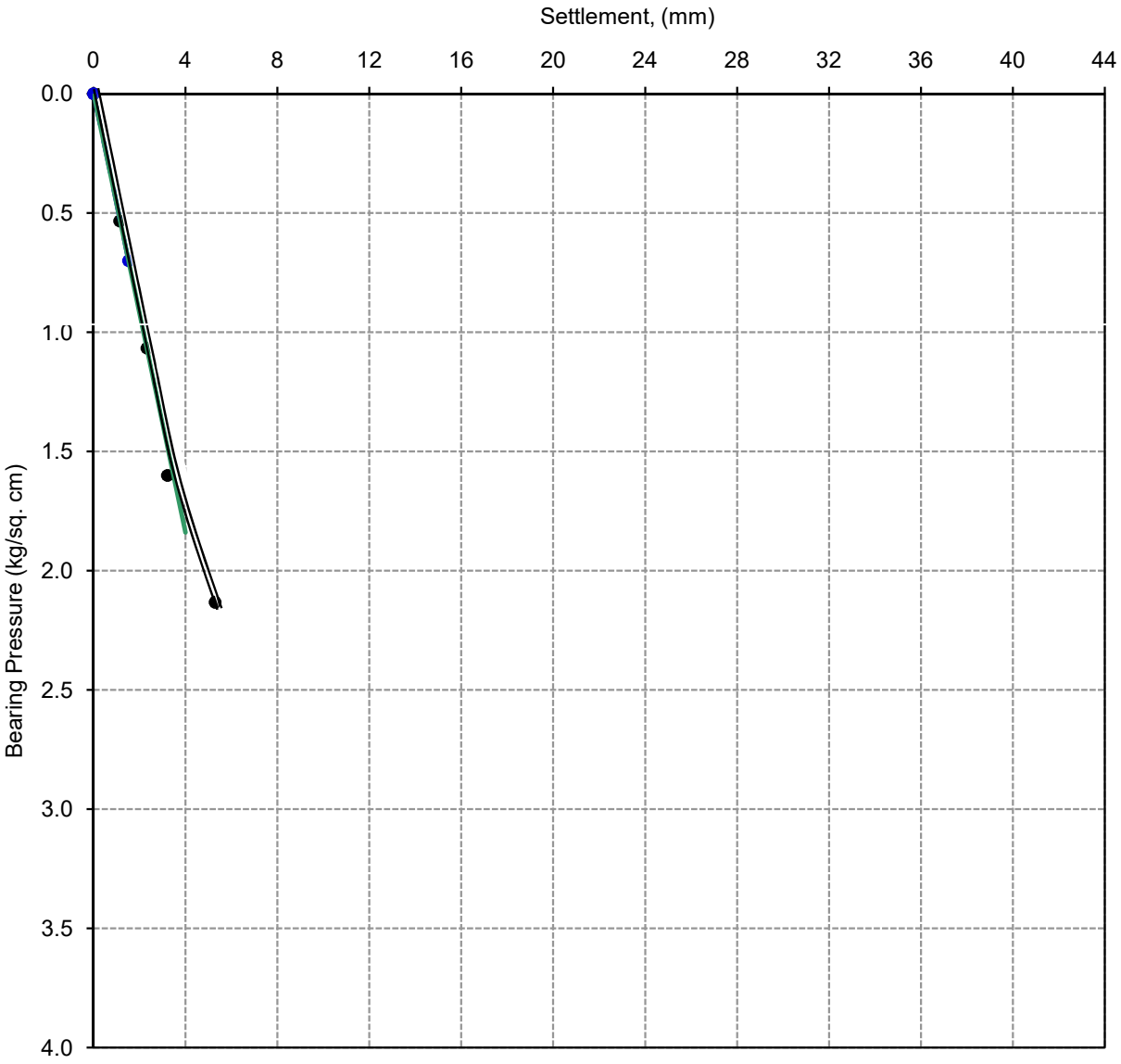
PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

	UV GLOBAL GEO SOLUTIONS PVT. LTD. *GEOTECHNICAL CONSULTANTS*	Fig. 161

Plate Load Test No.: PLT- 1

IS: 1888-1982, RA-2007

Test Details
Size of Plate : 75cm x 75cm
Test Depth : 3.0 m



Calculation for Modulus of Subgrade Reaction (k):

i) Applying curvature correction, K_u : 4.60 kg/cm^3

ii) Correction for bending of plate, K_b : 4.13 kg/cm^3

iii) Correction for Saturation, K_s : 2.065 kg/cm^3

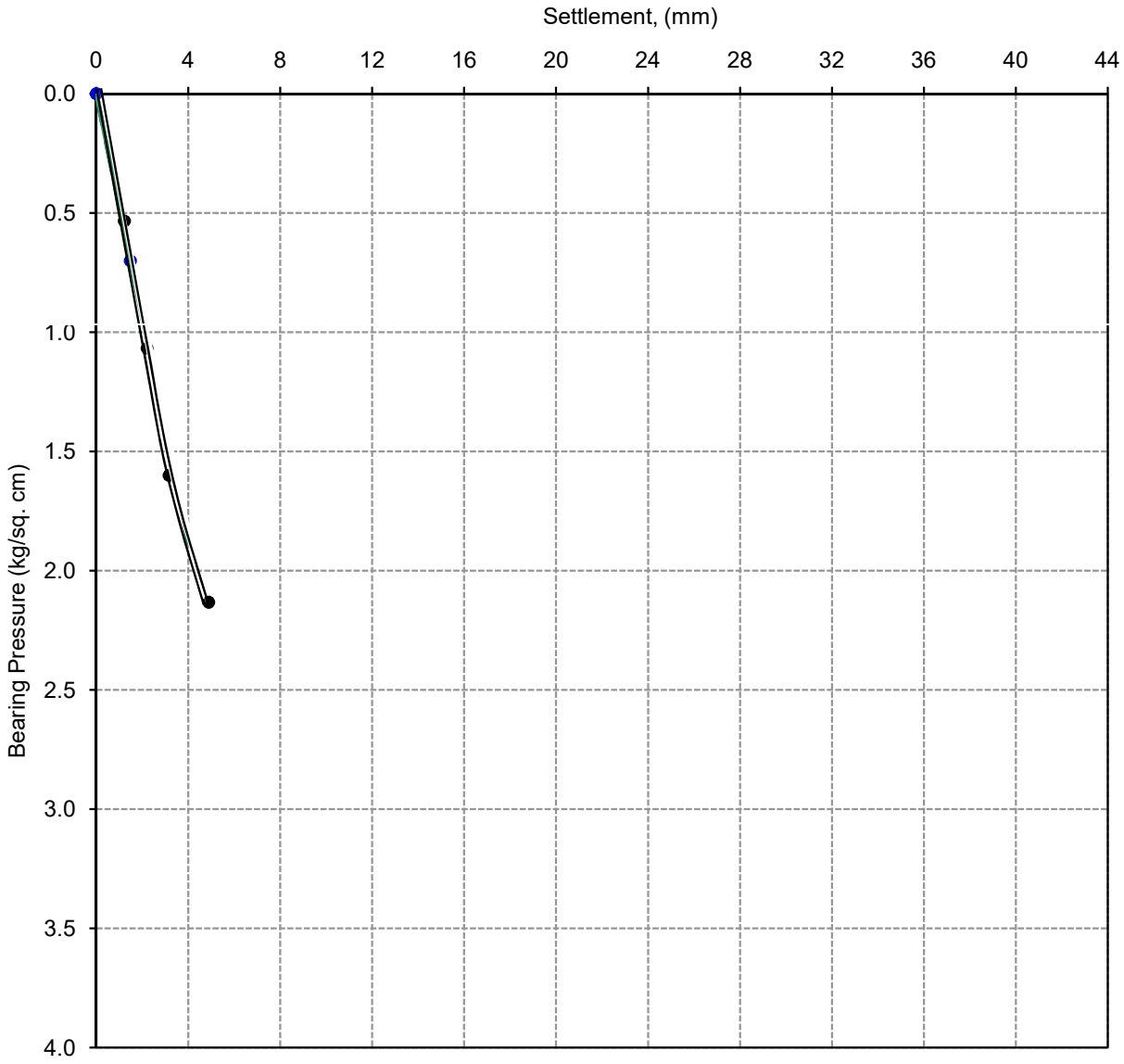
iv) Correction for size of plate, K_d : 1.59 kg/cm^3

Determination of Modulus of Subgrade Reaction (PLT-1)

Plate Load Test No.: PLT- 2

IS: 1888-1982, RA-2007

Test Details
Size of Plate : 75cm x 75cm
Test Depth : 3.0 m



Calculation for Modulus of Subgrade Reaction (k):

i) Applying curvature correction, K_u : 4.71 kg/cm^3

ii) Correction for bending of plate, K_b : 4.22 kg/cm^3

iii) Correction for Saturation, K_s : 2.11 kg/cm^3

iv) Correction for size of plate, K_d : 1.63 kg/cm^3

Determination of Modulus of Subgrade Reaction (PLT-2)

Bearing Capacity Analysis for Shallow Foundations

Analysis as per IS 6403-1981

PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM, HARYANA.

The bearing capacity equation is as follows :

$$q_{net\ safe} = (1/FS)\{cNcz_cd_c+q(N_q-1)z_qd_q+0.5BgN_gz_gd_gR_w\}$$

where:

$q_{net\ safe}$ = safe net bearing capacity
c = cohesion intercept
q = overburden pressure
B = Foundation width
γ = Bulk density of soil below founding level
R_w = Water table correction factor
FS = Factor of safety
N_c, N_q, N_g = bearing capacity factors, which are a function of f
d_c, d_q, d_g = Depth factors
z_c, z_q, z_g = Shape factors

Soil parameters :

c = 0.00 T/m^2 ϕ = 29.0 degrees GENERAL SHEAR FAILURE

c' = 0.00 T/m^2 ϕ = 20.3 degrees LOCAL SHEAR FAILURE

General Shear Failure : N_c = 27.86 N_q = 16.44 N_g = 19.34

Local Shear Failure : N_c' = 15.10 N_q' = 6.58 N_g' = 5.60

Bulk Density Profile

Depth, m From	Depth, m To	γ T/m^3
0.0	5.0	1.75
5.0	15.0	1.85
15.0	25.0	1.95
25.0	45.0	2.00

Factor of safety = 2.5 as per IS 1904-1986

Design Water Table depth = 25.0 m

R_w factor: Constant value(**V**) for worst condition or calculate(**C**) based on WT Depth ? : V

Rw = 0.60

Depth factor to be considered ? Y

For computation of Depth Factor, depth below GL to be ignored to account for loose soils,poorly compacted backfill above foundation, scour etc. = 1.0 m

FAILURE CRITERIA : **AVERAGE** **OF LOCAL & GENERAL SHEAR FAILURE**

Foundation Dimensions B, m	Foundation Dimensions L, m	FOUN-DATION SHAPE	Depth,m	R_w	Shape Factors z_c	Shape Factors z_q	Shape Factors z_g	Depth factors (GSF) d_c	Depth factors (GSF) d_q	Depth factors (GSF) d_g	Depth factors (LSF) d_c'	Depth factors (LSF) $d_{q'}$	Depth factors (LSF) d_g'	$q_{net\ safe}$, T/m^2 GSF	$q_{net\ safe}$, T/m^2 LSF	Safe Net Bearing Capacity T/m^2	Gross Bearing Capacity (Safe) T/m^2
3.0	**3.0**	*Square*	**2.0**	0.60	1.30	1.20	0.80	1.11	1.06	1.06	1.10	1.05	1.05	37.7	12.8	**25.3**	28.8
3.0	**3.0**	*Square*	**3.0**	0.60	1.30	1.20	0.80	1.23	1.11	1.11	1.19	1.10	1.10	54.4	18.6	**36.5**	41.7
3.0	**3.0**	*Square*	**3.5**	0.60	1.30	1.20	0.80	1.28	1.14	1.14	1.24	1.12	1.12	63.2	21.6	**42.4**	48.6
3.0	**3.0**	*Square*	**4.5**	0.60	1.30	1.20	0.80	1.40	1.20	1.20	1.34	1.17	1.17	82.2	28.1	**55.1**	63.0

Settlement Analysis for Shallow Foundation Based on N-Values

Analysis as per IS:8009(Part 1)-1976 , Clause 9.1.4

PROPOSED 'SILVERGLADES HOUSING PROJECT' AT SECTOR-63A, GURUGRAM,

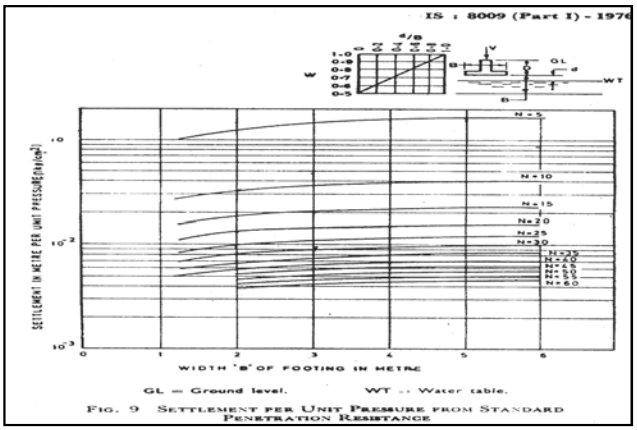


FIG. 9 SETTLEMENT PER UNIT PRESSURE FROM STANDARD PENETRATION RESISTANCE

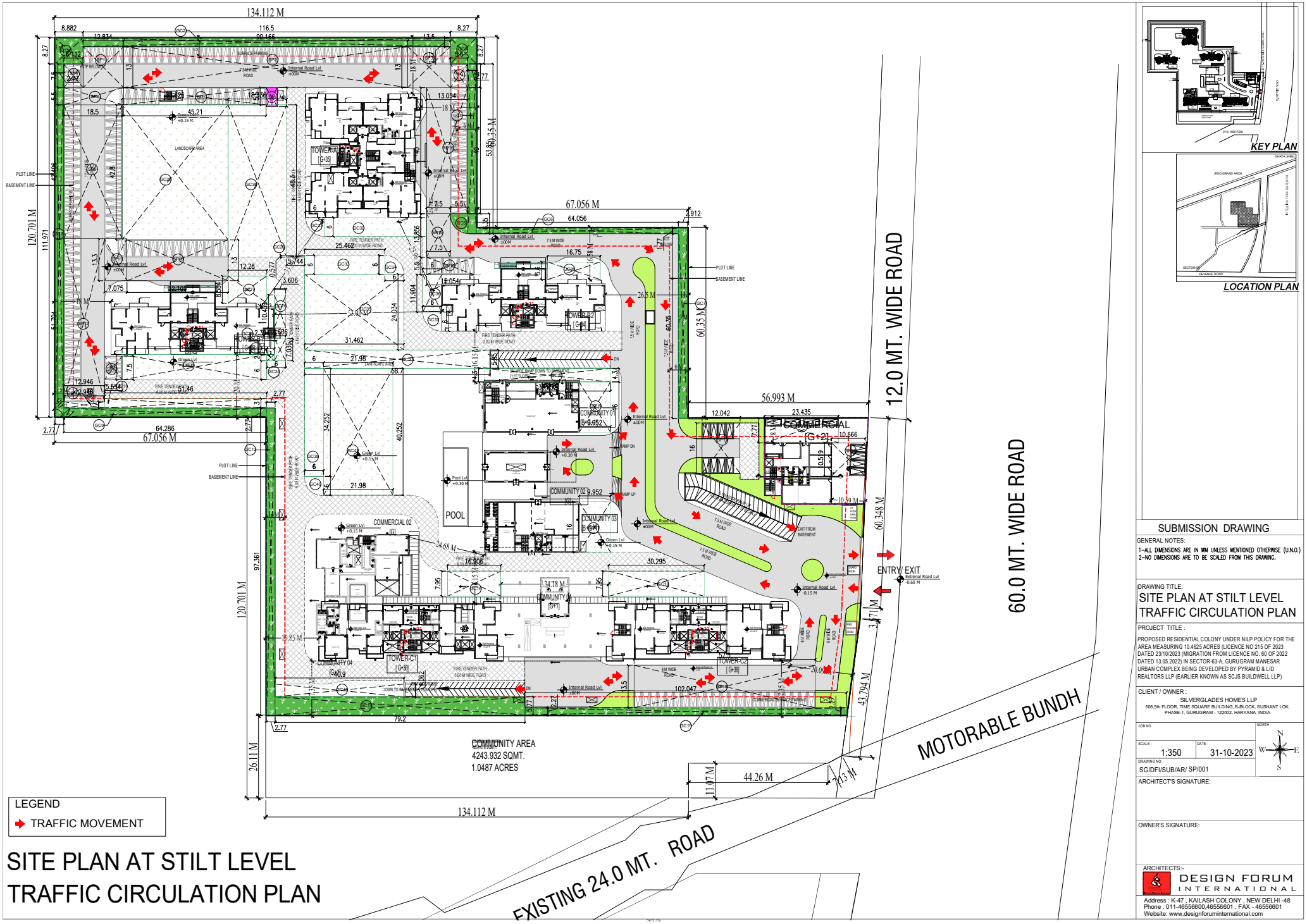
Design Water Table Depth : 25.0 m

R_w factor : Calculate (**C**) based on water table depth or Fixed Value(**V**) for worst condition : V Rw factor for design : 0.6

Fox's Depth Factor to be considered ? Y

Depth to be ignored in Depth Factor Computation for loose soils, poorly compacted backfill, scour, etc. 1.0 m

Foundation Width,m	Foundation Length,m	Foundation Depth,m	Shape	Design N-Value	Design Net Bearing Pressure, T/m^2	Settlement @ $1kg/cm^2$ (as read off from graph), mm	R_w	Fox's Depth Factor, d_f	Rigidity Factor, d_r	Computed Settlement, mm
3.0	3.0	2.0	Square	13.5	**14.2**	22.7	0.60	0.91	1.0	49.0
3.0	3.0	3.0	Square	14.5	**17.5**	20.8	0.60	0.80	1.0	48.4
3.0	3.0	3.5	Square	15.0	**19.5**	19.9	0.60	0.76	1.0	49.1
3.0	3.0	4.5	Square	15.5	**22.1**	19.1	0.60	0.70	1.0	49.2



LEGEND

TRAFFIC MOVEMENT

SITE PLAN AT STILT LEVEL
TRAFFIC CIRCULATION PLAN

SUBMISSION DRAWING

GENERAL NOTES:

1-ALL DIMENSIONS ARE IN MM UNLESS MENTIONED OTHERWISE (U.N.O.)
2-NO DIMENSIONS ARE TO BE SCALED FROM THIS DRAWING.

DRAWING TITLE:

SITE PLAN AT STILT LEVEL
TRAFFIC CIRCULATION PLAN

PROJECT TITLE :

PROPOSED RESIDENTIAL COLONY UNDER NILP POLICY FOR THE AREA MEASURING 10.4625 ACRES (LICENCE NO 215 OF 2023 DATED 23/10/2023 (MIGRATION FROM LICENCE NO. 60 OF 2022 DATED 13.05.2022) IN SECTOR-63-A, GURUGRAM MANESAR URBAN COMPLEX BEING DEVELOPED BY PYRAMID & LID REALTORS LLP (EARLIER KNOWN AS SCJS BUILDWELL LLP)

CLIENT / OWNER :

SILVERGLADES HOMES LLP
506,5th FLOOR, TIME SQUARE BUILDING, B-BLOCK, SUSHANT LOK, PHASE-1, GURUGRAM - 122002, HARYANA, INDIA.

JOB NO.

NORTH:

SCALE : 1:350

DATE : 31-10-2023

DRAWING NO. SG/DFI/SUB/AR/ SP/001

ARCHITECT'S SIGNATURE:

OWNER'S SIGNATURE:

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Haryana

The Tribune
GURUGRAM | MONDAY | 16 SEPTEMBER 2024

Post only those officers, Electio

18 officers have less than five y

PRADEEP SHARMA
TRIBUNE NEWS SERVICE

CHANDIGARH, SEPTEMBER 15

According to a representation sent to the Election [illegible] where OBC voters are in a considerable number. He belongs to a political family as his uncle Ramji Lal had served as a Rajya Sabha MP.

Besides him, retired IAS officers — Vinay Singh Yadav, Vikas Yadav and Wazeer Singh Goyat — were in the race for the Congress' ticket from Nangal Choudhary, Narnaul [illegible] began working with political parties either some months before the Lok Sabha elections or after their retirement. Hence, how can any party prefer them over its senior leaders who have been associated with the party for years. That's why, they have been denied the ticket," said Satbir Singh, a political analyst.

POINT

- As many as 18 SDMs have bee[n] returning officers for the Assem
- However, as per government ru[les]

BRIEFLY

BELFAST

Shubhankar slips to tied-36 after 5-over third round

India's Shubhankar Sharma floundered in blustery conditions on the third day of the Irish Open, carding a 5-over 76 to slip to tied-36 from tied-15. Sharma had just one birdie, while he made two bogeys and two double bogeys.

CHICAGO

Lahiri down to tied-12 at LIV Golf Championship

India's Anirban Lahiri shot a 1-over 71 in the second round and slipped to tied-12th in the LIV Golf Individual Championship. Lahiri carded two birdies but he also had three bogeys on the second day, and now he has a total of 2-under.

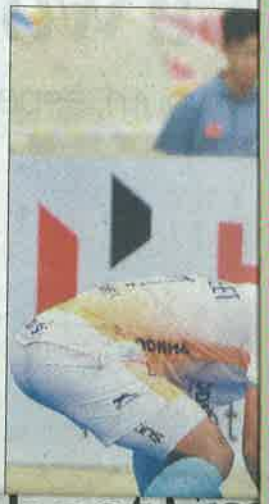
In-form India clear favourites aga

HOCKEY ASIAN CHAMPIONS TROPHY

HULUNBUIR (CHINA), SEPTEMBER 15

Maintaining a clean slate, favourites India will fancy their chances when they take on a below-par but unpredictable South Korea in the semifinals of the Asian Champions Trophy hockey tournament here on Monday.

Paris Olympics bronze medallists India have been in rollicking form in the tournament so far, registering five wins out of five league matches. The Harmanpreet Singh-led side started their campaign with a 3-0 win over hosts China and then trounced Japan and Malaysia 5-1 and 8-1, respectively.



female cricketer and umpire in Pakistan," Imtiaz said. Imtiaz's daughter, Kainat, played 40 international games for Pakistan that included 19 ODIs and 21 T20Is.

BAKU

Piastri wins as McLaren take over at the top

McLaren's Oscar Piastri won the Azerbaijan Grand Prix in a race that ended behind a virtual safety car after a collision between Ferrari's Carlos Sainz and Red Bull's Sergio Perez as they fought for third place. Ferrari's pole-sitter Charles Leclerc was second with George Russell third for Mercedes. Red Bull's Formula One championship leader Max Verstappen finished fifth. McLaren took the lead from Red Bull in the constructors' championship. AGENCIES

TODAY ON TV

ACT HOCKEY (SEMIFINALS)
PAKISTAN VS CHINA 1:15PM
INDIA VS SOUTH KOREA 3:30PM
SONY SPORTS

Arsenal beat Sp

LONDON, SEPTEMBER 15

Arsenal are leaving arch-rivals Tottenham's stadium with a win for the third season in a row after Gabriel Magalhaes' second-half header settled a feisty and physical north London derby in the Premier League.

Tottenham had Arsenal pegged back for much of the game but couldn't make their chances count as the visitors weathered the pressure before Gabriel secured a 1-0 win by scoring in the 64th minute. The Brazilian centreback lost his marker and met a corner from Bukayo Saka with a thumping header from the middle of the box.

The goal came largely against the run of play but secured a vital victory for Arsenal, who are already two points behind defending champions Manchester City and could ill afford to drop more points a[t] a trip to the Etiha[d] um next weekend.

The visitors were fortunate not to be

Arsenal's Gabriel Mag

...त्या की कोशिश और ...नडीपीएस एक्ट केस में ...ांटेड आरोपी अरेस्ट

...ई दिल्ली | क्राइम ब्रांच ने हत्या ...ी कोशिश और ...

किराए पर लिए मकान को लेकर चल रहा था विवाद

गीता कॉलोनी इलाके में हुए डबल मर्डर

लूट का विरोध करने पर युवक को फ्लाईओवर से फेंका, मौत

दो नाबालिग आरोपी गिरफ्तार

...स्टमैटिक्स कॉर्पोरेट सर्विसेज लि. ने एआईएफ ...च करने के लिए 103.12 करोड़ रुपए जुटाए

...जनेस संवाददाता | मुंबई

...टिक्स कॉर्पोरेट सर्विसेज ...एससीएसएल) ने इक्विटी ...के प्रेफरेंशियल अलॉटमेंट ...12 करोड़ रुपए जुटाए हैं। ...श 1,531 रुपए प्रति शेयर ...र जुटाई गई है। यह कंपनी ...टजिक और ऑपरेशन में ...ों के विश्वास और भरोसे ...क्त करता है। एससीएसएल ...डी निखिल खंडेलवाल ने ...नकारी दी। उन्होंने बताया, ...स राशि का इस्तेमाल अपने ...अलग बिजनेस वर्टिकल्स में ...क पहल के लिए इस्तेमाल ...इसमें कैटेगरी 1 और 2 के दो अल्टरनेटिव इन्वेस्टमेंट फंड्स (एआईएफ) की शुरुआत, मार्जिन ट्रेडिंग बुक का विस्तार, वेल्थ मैनेजमेंट को मजबूत करना, इंस्टीट्यूशंस, एचएनआई/ रिटेल ब्रोकिंग डिवीजन का विस्तार तथा आईबी और ईसीएम बिजनेस की ग्रोथ को तेज करना शामिल है। कंपनी बेलग्रेव इन्वेस्टमेंट फंड, मधुकर चिमनलाल शेठ, ऑथम इन्वेस्टमेंट एंड इंफ्रास्ट्रक्चर लि., सिद्धार्थ अय्यर, निखिल वोरा एचयूएफ, कैप्री ग्लोबल होल्डिंग्स प्रा.लि., स्काई हॉक वेंचर्स, को प्रेफरेंशियल शेयर अलॉट करेगी। खंडेलवाल के मुताबिक, इस फंड को जुटाना कंपनी की ग्रोथ में एक महत्वपूर्ण मील का पत्थर है।

...ce of Cancellation

...Press Notice vide ...CE/TB-VI/28/2024/08 ...ling the Construction ...000-Seater Auditorium ...voti Chitraban Film ..., Kahilipara, Guwahati, ..., published on ...2024, was mistakenly ... This notice is hereby ...ed cancelled.

...nyog /C/2984/24

सार्वजनिक सूचना

यह नोटिस आम जनता को सूचित करने के लिए है कि **मैसर्स सिल्वरग्लेड्स होम्स एलएलपी** को नई एकीकृत लाइसेंसिंग नीति (एनआईपीएल) के तहत गुरुग्राम के सेक्टर–63ए, गांव बेहरामपुर की राजस्व संपदा में स्थित अपने समूह आवास परियोजना के लिए पर्यावरण मंजूरी (ईसी) प्रदान की गई है। पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय (एमओईएफ और सीसी), भारत सरकार द्वारा पत्र संख्या EC23B3812HR5517135N, दिनांक 12 सितंबर 2024 के तहत मंजूरी जारी की गई है। पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय द्वारा निर्धारित अनुपालन हेतु विस्तृत शर्तों और प्रावधानों सहित पर्यावरण स्वीकृति पत्र की प्रति पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय की आधिकारिक वेबसाइट **http://parivesh.nic.in** पर तथा मैसर्स सिल्वरग्लेड्स होम्स एलएलपी के पंजीकृत कार्यालय, 506, पांचवीं मंजिल, टाइम्स स्क्वायर बिल्डिंग, बी ब्लॉक, सुशांत लोक–I, गुरुग्राम – 122002 पर उपलब्ध है।

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नामित भागीदार

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कार्य/ मद का नाम	अवधि/अनुमानित मात्रा
वेरका/ चंडीगढ़ डेयरी के लिए यूएचटी दूध एवं दूध उत्पादों/पेय पदार्थों की पैकेजिंग के लिए आउटसोर्सिंग गतिविधियों/संविदाकारों की सेवाएं किराये पर लेना।	वार्षिक
वेरका मोहाली डेयरी के लिए क) शहर से संबंधित गतिविधियों को आउटसोर्स करना:- i आपूर्ति मांग, प्रेषण और दूध आपूर्ति सहायक। ii सुरक्षा कर्मियों, बीसीसी और लेखा कर्मियों की आपूर्ति। ख) फ्लेक्स और ग्लो साइन बोर्ड, बैनर, स्टिकर और अन्य विज्ञापन सामग्री आदि।	वार्षिक वार्षिक
वेरका गुरदासपुर डेयरी के लिए क) चावल की भूसी की आपूर्ति। ख) कीट नियंत्रण सेवाएं। ग) जम्मू और कटरा के लिए दूध तथा दूध उत्पादों की आपूर्ति के लिए प्रशीतित वाहन (09 मीट्रिक टन)।	1000 एमटी 02 वर्ष
वेरका पटियाला डेयरी के लिए क) जलाऊ लकड़ी ख) बल्क मिल्क कूलर के लिए वार्षिक रखरखाव अनुबंध, क्षमता: 01kl, 02kl, 03kl और 05 kl. सी) नौकरी अनुबंध हेतु i) विभिन्न सामग्रियों की लोडिंग/अनलोडिंग। ii) एस.एफ.एम. बोतलों का उत्पादन, पैकिंग तथा एस.एफ.एम. से संबंधित सभी मशीनों का संचालन, मरम्मत और रखरखाव। iii) पाउच भरने की मशीन, ट्रे वॉशर का संचालन, मरम्मत और रखरखाव तथा पाउच की कोडिंग।	छमाही/1500 एमटी 114 आवश्यकतानुसार 30,000 से 50,000 (मांग के अनुसार प्रतिदिन बोतल) 55,000 से 60,000 लीटर (प्रतिदिन या मांग के अनुसार)

organizations shall have to take proper retirement/acceptance of their resignation prior to joining HPPTCL.

The application form duly super-scribed **"APPLICATION FOR THE POST OF DIRECTOR (P&C) IN HPPTCL"** may be sent on the following address:-

Section Officer
MPP& Power Department
Room No. 426, Armsdale building
HP Secretariat Shimla -171002
Telephone No.0177-2880469
e-mail: power.mpp@gmail.com

The last date for receipt of duly filled application form is **5.10.2024 . (5:00 PM).**

(Arindam Chaudhary)
Special Secretary (Power) to the Government of Himachal Pradesh
HP Secretariat, Shimla-171002

Him Suchna Avam Jan Sampark**0435/2024-25**

कार्यालय पुलिस अधीक्षक, रोहतक

अभियोग संख्या 383 दिनांक 12.09.24 धारा 127(6) BNS 2023 थाना पुरानी मण्डी जिला रोहतक।

गुमशुदा की पहचान बारे

नाम- पलाद
पिता पति का नाम- पुत्र औमप्रकाश
पता- निवासी सलारा महौल्ला जिला रोहतक
उम्र - 40 वर्ष
कद - 5 फुट 5 इंच
हुलिया- रंग गेहुंआ, लम्बा चेहरा, आँखो पर चश्में चढ़े है।
पहनावा - नीले रंग की पैन्ट, कपड़े के जूते पहने व स्लेटी रंग का परना लिए हुए है।

दिनांक 12.09.24 को पलाद पुत्र औमप्रकाश निवासी सलारा महौल्ला जिला रोहतक बिना किसी को कुछ बतलाए अपने घर से कही चले जाने पर उपरोक्त अभियोग पंजीकृत हुआ है। गुमशुदा का अभी तक कोई भी सुराग नहीं पता चला है। यदि किसी थाना में या किसी व्यक्ति को इस बारे कोई जानकारी/सूचना प्राप्त होती है. तो निम्नलिखित नम्बरो पर सूचित करें। सूचना देने वाले का नाम गुप्त रखा जाएगा और सूचना देने वाले को उचित ईनाम भी दिया जाएगा।

1. प्रबन्धक थाना पुरानी सब्जी मण्डी रोहतक- 7082999116
2. पुलिस कन्ट्रोल रुम रोहतक- 01262-247200,9996464100
3. अनुसंधानकर्ता थाना पुरानी सब्जी मण्डी रोहतक- 9466552082

कार्यालय पुलिस अधीक्षक, रोहतक

अभियोग संख्या 264 दिनांक 12.09.24 धारा 127(6) BNS 2023 थाना सदर जिला रोहतक।

गुमशुदा की पहचान बारे -

नाम - दुलिचन्द
पिता/पति का नाम-
पता- निवासी गांव जसिया जिला रोहतक
उम्र - 78 वर्ष
कद - 5 फुट 8 इंच
हुलिया- रंग सांवला, लम्बा चेहरा, मुंह में एक दांत है
पहनावा - सफेद रंग का कुर्ता पजामा, सफेद परनाव पैरो में चप्पल पहने हुए है।

दिनांक 12.09.24 को दुलिचन्द निवासी गांव जसिया जिला रोहतक अपने घर से कही चले जाने पर उपरोक्त अभियोग पंजीकृत हुआ है। गुमशुदा का अभी तक कोई भी सुराग नहीं पता चला है। यदि किसी थाना में या किसी व्यक्ति को इस बारे कोई जानकारी/सूचना प्राप्त होती है, तो निम्नलिखित नम्बरो पर सूचित करें। सूचना देने वाले का नाम गुप्त रखा जाएगा और सूचना देने वाले को उचित ईनाम भी दिया जाएगा।

1. प्रबन्धक थाना सदर रोहतक- 7082999123

M/s Silverglades Homes LLP has a well-defined policy to keep the Environment clean and green. The company has decided that all effective steps shall be taken to ensure that flow of information from working level to top level should flow in a smooth and coordinated manner, so that in case any deficiency is noted, it is brought to the notice of top management and preventive and corrective action is initiated in a systematic manner.

Resolution for M/s Silverglades Homes LLP on 18.11.2025 w.r.t. **Group Housing project at sector- 63A Gurugram, Haryana by M/s Silverglades Homes LLP.**

M/s Silverglades Homes LLP is committed to:-

- Follow the National laws and regulations related to Environment Protection and Prevention & Control of Pollution.
- Design, construct and operate the plant by adopting technology and process that are sustainable and environmentally acceptable in the country.
- Adoption of State of the Art technology for prevention and control of impacts.
- Take steps to prevent, minimize and control releases to air, water and land of substances which could adversely affect human health and the environment.
- Operate facilities and conduct activities taking into consideration the efficient use of natural resources.
- Provide and maintain healthy and safe working condition for all employees.
- Ensure the protection of the health and safety of workers.
- Adopt measures to ensure that all its contractors and business associates also comply with National laws and regulations related to Environment & Control of Pollution.
- Focus on continual improvement of environmental performance and ensure involvement of employees at all levels by providing training & awareness.

For effective and efficient implementation of Environment Policy, Company shall:-

- Ensure the allocation of sufficient financial, human and technological resources along with organizational infrastructure for its implementation.
- Prepare and maintain site specific, list of all the applicable regulations legal records, compliance requirements and compliance status.
- Develop and implement innovative processes focused on reducing consumption of energy and water and minimizing quantity of waste dispose.
- Review facilities and programs on a regular basis and establish monitorable targets, quantified as appropriate for continual improvement of our environmental performance.

- ❖ As far as practicable, purchase products and services that has minimum impact on the environment.
- ❖ Communicate the environmental commitment and performance of the organization to the stakeholders.
- ❖ Establish an organizational structure to oversee the effective implementation of corporate environment policy. Define key responsibilities with the various levels of organization for policy implementation.

Hierarchy

At project level Project Manager of Building Construction Project has the responsibility for environmental compliances also. The project Manger is assisted by sustainability team consisting of Environmental Engineer, Safety Officer, Policy Makers and others. The environmental management cell responsible for all applicable environmental/EHS compliances at project site is shown in figure below

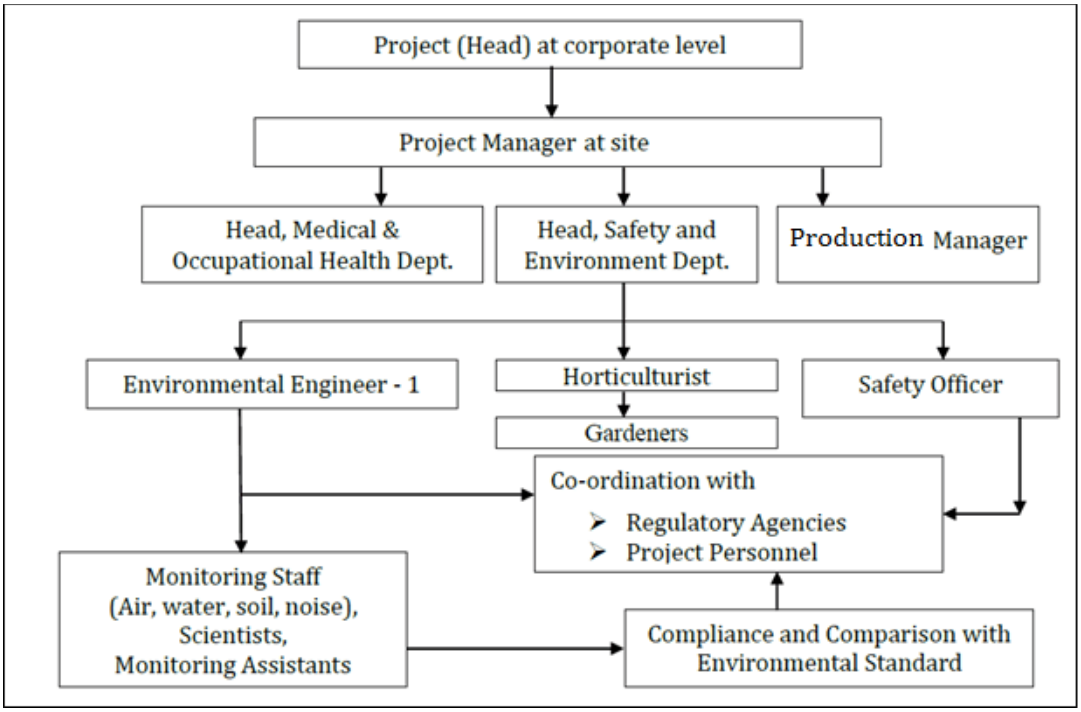

Figure: - Organization Chart of Environmental Monitoring Cell

SILVERGLADES HOMES LLP

Reg. Office: 506, 5th Floor Times Square Building, B Block, Sushant Lok-I, Gurugram-122002
LLPIN: ABZ-9999,E-mail : cs@silverglades.com; Website:www.silverglades.com;
Ph. No. : 91-124-4550300/309 Fax : 91-124-4550399

Date: 15.11.2025

To,

The Regional Officer,

Haryana Pollution Control Board,

Gurugram North Vikas Sadan, 1st floor,

Near DC Court3rd Floor, Gurugram

Haryana

Sub: Submission of Annual Environmental Statement (Form V) for the financial year 2024-25 w.r.t Group Housing project at Sector-63A, Gurugram, Haryana by M/s Silverglades Homes LLP.

Dear Sir,

This is in reference to the above mentioned subject, we are herewith submitting the Annual Environmental Statement (Form V) attached as **Annexure I** for your information and record.

Thanking you,

Yours Sincerely,

For **M/s Silverglades Homes LLP**

Silverglades Homes LLP Gurugram

Name: Harsh Kumar Gupta

Designation: Designated Partner

Received
HSPCB(GRN)

FORM – V

(See rule 14)

Environmental Audit Report for the Financial year ending the 31st March 2025.

PART – A

1.	Name & address of the owner/ occupier of the industry, operation or process.	M/s Silverglades Homes LLP. Sector-63A, Gurugram, Haryana
2.	Industry category Primary (STC Code), Secondary (STC Code)	Red (Large)
3.	Production Capacity- Units	Plot Area :- 42340.16 m^2 Built Up Area – 170192.1 m^2
4.	Year of establishment	2024
5.	Date of last environmental statement	-

PART – B

	Water Consumption m^3/day process		
	Particular	**During the previous financial year**	**During the current financial year**
	Cooling	Nill	Nill
	Domestic	NIL KLD	2 KLD
2	**Water Consumption per unit of Products**		
	Name of Products	**During the previous financial year**	**During the current financial year**
a.	NA	NA	NA

3	**Raw Material Consumption**	**Consumption of Raw Material Per unit of output**	
Name of Raw Materials	**Name of Products**	**During the previous financial year**	**During the current financial year**
Not Applicable as this is service facility			

PART – C

Pollution Generated (Parameters as specified in the consent issued)

	Pollutants	Quantity of pollution generated	Percentage of variation from prescribed standards with reasons
a.	Water	The project is under construction stage, consequently, no generation of water pollutants is currently taking place at the site. Environmental control systems such as sewage treatment plants (STPs), control measures are being placed and will be fully operational prior to actual occupancy.	
b.	Air	All the pollutants (PM_{10}, $PM_{2.5}$, SO_2, NO_2, CO) are within prescribed limits. AAQ monitoring reports are attached as **Annexure I.**	

PART – D

[as specified under Hazardous Wastes (Management & Handling) Rules, 1989]

	Hazardous Wastes	Total Quantity (in Kg)	
		During the previous financial year	During the current financial year
a.	From Process	Nill	

Silverglades Homes LLP Gurugram

b.	From Pollution Control Facilities		
	Used lubrication oil		NIL litres

PART – E

Solid Wastes

		Total Quantity	
		During the previous financial year	During the current financial year
a	From process	Nil	Nil
b	From pollution control facility	Nil	Nil
c	Quantity recycled or re-utilized.	Nil	Nil

PART – F

Please specify the characteristics (in terms of concentration and quantum) of Hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

- The Project is under construction stage as a result, there is currently no generation of solid waste or hazardous waste at the site. Authorized recyclers are tie-up for dry and recyclable waste, Similarly, no hazardous waste is being generated. In future, any hazardous waste (such as used oil from DG sets) will be handled as per Hazardous and Other wastes (Management and Transboundary Movement) Rules, 2016, and disposed of through authorized recyclers.

PART – G

Impact of pollution control measures on conservation of natural resources and consequently on the cost of production.

- Pollution control measures maintain the quality of ambient air.
- Domestic wastewater will be treated in STP and used for flushing and greenbelt. No wastewater is being discharged outside hence preventing adverse impact on surface water

PART – H

Additional investment proposal for environmental protection including abatement of pollution.

- Greenbelt development will be done as per development plan.
- Modern pollution control equipment have been provided.

The Environment (Protection) Rules, 1986

PART – I

Miscellaneous

Any other particulates in respect of environment protection and abatement of pollution.

- Reuse of wastewater after treatment in greenbelt and flushing
- STP of adequate capacity will be operated as per board Guideline.
- Rainwater harvesting structures are being installed to recharge the groundwater table and reduce surface runoff.

Silverglades Homes LLP
Gurugram

Your (Half Yearly Compliance Report) has been Submitted with following details	
Proposal No	IA/HR/INFRA2/456427/2023
Compliance ID	129628365
Compliance Number(For Tracking)	EC/COMPLIANCE/129628365/2025
Reporting Year	2025
Reporting Period	01 Jun(01 Oct - 31 Mar)
Submission Date	10-06-2025
RO/SRO Name	Satya Prakash Negi
RO/SRO Email	jhk119@ifs.nic.in
State	HARYANA
RO/SRO Office Address	Integrated Regional Offices, Chandigarh
Note:- SMS and E-Mail has been sent to Satya Prakash Negi, HARYANA with Notification to Project Proponent.	