



Environmental Management Plan

for
rehabilitation of local road

Nokalakevi-Ledzadzame-Didi Chkoni
km 7 - km 23.5

Tbilisi, Georgia
2013



PART 1: GENERAL PROJECT AND SITE INFORMATION

INSTITUTIONAL & ADMINISTRATIVE				
Country	Georgia			
Project title	Rehabilitation of local road Nokalakevi-Ledzadzame-Didi Chkoni km 7 - km 23.5			
Scope of project and activity	<p>The existing road pavement of the design section is represented as a damaged asphalt concrete (the main damage type is “alligator” cracks, potholes, settled areas, damages edges), as well as damages sand-gravel pavement. Longitudinal and cross parameters are violated.</p> <p>There are two bridges located at the section that are in fair condition.</p> <p>49 culverts of different lengths, 38 of which need replacement and seven has to be rehabilitated, cross the design road. Design also envisages construction of one new culvert. The ditches are to be arranged along the road, and the existing road side ditches need cleaning and upgrading to function.</p> <p>The design also envisages construction of bus stops and sidewalks at the settlements.</p> <p>Some technical characteristics of the existing road are as follows:</p> <ul style="list-style-type: none"> • Roadway width 6-11 m • Carriageway width 5-7 m • Shoulder width 0.5-2 m. 			
Institutional arrangements (Name and contacts)	WB (Project Team Leader) Joseph Melitauri	Project Management Giorgi Tsereteli RDMRDI	Local Counterpart and/or Recipient Senaki and Martvili Municipality	
Implementation arrangements (Name and contacts)	Safeguard Supervision WB Darejan Kapanadze	Local Counterpart Supervision Technical Supervisor Consulting Company “Nivelti”	Local Inspectorate Supervision -	Contractor JSC Arqepolisi
SITE DESCRIPTION				
Name of site	Rehabilitation of local road Nokalakevi-Ledzadzame-Didi Chkoni km 7 - km 23.5 Senaki and Martvili Municipality.			
Describe site location	The project section is located in the Senaki and Martvili district, it starts at Nokalakevi Village and ends in Didi Choni Village. The length of the design section is 16440 m.		Attachment 1: Consultation meeting minutes Attachment 2: Waste disposal permit Attachment 3: Quarry License	
Who owns the land?	Senaki and Martvili Municipality			
Description of geographic, physical, biological, geological, hydrographic and socio-economic context	<p><u>Location</u> - the design section is located in Senaki and Martvili Rayons. It starts at the 7th km of noqalakevi-lezazame-didi chkoni road section (village lezazame) and ends at km 23.5 of the road section (village didi chkoni) It is mainly located along the right bank of the river Tekhura.</p> <p><u>Air</u> - Air quality in the project area is good due to low traffic levels and the absence of industrial facilities.</p> <p><u>Water and Soil</u> - No pollution is reported.</p> <p><u>Flora</u> - The construction activities will be carried out in the existing alignment and without alteration</p>			



	<p>of the existing elements (straights, curves, widths etc.). Vegetation would only be affected in the sections where side drains are to be rehabilitated or reconstructed. Vegetation is sparse along the road with rare occurrence of bushes and small trees that are not part of riparian forests. No protected species have been observed in the vicinity of the road.</p> <p><u>Fauna</u> – Impacts upon fauna will remain unchanged during construction since works will be confined to the existing road. There are several rivers that are crossed by the road. Works in these sections will be restricted to rehabilitation of bridge abutments, requiring the removal of garbage or other impediments to water flows; resulting in a positive impact on existing fauna.</p> <p><u>Noise</u> - The current noise level is low due to low traffic levels and a lack of industrial facilities. The project will have modest impact on the village population, as construction works will constrain movement only of those people who reside immediately along the road and this impact will be limited to the rehabilitation phase.</p>
Locations and distance for material sourcing, especially aggregates, water, stones?	inert material will be extracted from the borrow pit located near Senaki district, village Dzveli Senaki in the riverbed of river Tekhura.
LEGISLATION	
Identify national & local legislation & permits that apply to project activity	<p>The project triggers World Bank OP/BP 4.01 - Environmental Assessment and, according to its principles, has been classified as environmental Category B. The present EMP has been prepared to meet requirements of OP/BP 4.01.</p> <p>Georgian legislation does not require any type of environmental review, approval, or permitting for the project. Though according to the national regulatory system,</p> <ul style="list-style-type: none"> (i) works contractor must be licensed, (ii) construction materials must be obtained from licensed providers, (iii) if contractor wishes to open quarries or extract material from river bed (rather than purchasing these materials from other providers), then the contractor must obtain licenses for extraction, (iv) if contractor wishes to operate own asphalt or concrete plant (rather than purchasing these materials from other providers), then the contractor must obtain an environmental permit with an established ceiling of pollutant concentrations in emissions. (v) disposal of the construction waste into a landfill or permanent placement of access inert material generated in the course of earth works in a selected location must be approved by local (municipal) governing bodies in written.
PUBLIC CONSULTATION	
Identify when / where the public consultation process took place	Environmental Management Framework for the Secondary and Local Roads Project II was disclosed through the RDMRDI web page and a stakeholder consultation meeting was held on 03/02/2012. The present site-specific EMP consultation meeting with local communities was held on 10 August 2012. The minutes of this meeting is uploaded on the department web-site.
INSTITUTIONAL CAPACITY BUILDING	
Will there be any capacity building?	[x] N or [] Y



PART 2: SAFEGUARDS SCREENING AND TRIGGERS

ENVIRONMENTAL /SOCIAL SCREENING FOR SAFEGUARDS TRIGGERS			
	Activity/Issue	Status	Triggered Actions
Will the site activity include/involve any of the following??	A. Roads rehabilitation	<input checked="" type="checkbox"/> Yes [] No	If “Yes”, see Section A below
	B. New construction of small traffic infrastructure	[] Yes <input checked="" type="checkbox"/> No	If “Yes”, see Section A below
	C. Impacts on surface drainage system	<input checked="" type="checkbox"/> Yes [] No	If “Yes”, see Section B below
	D. Historic building(s) and districts	[] Yes <input checked="" type="checkbox"/> No	If “Yes”, see Section C below
	E. Acquisition of land ¹	[] Yes <input checked="" type="checkbox"/> No	If “Yes”, see Section D below
	F. Hazardous or toxic materials ²	[] Yes <input checked="" type="checkbox"/> No	If “Yes”, see Section E below
	G. Impacts on forests and/or protected areas	[] Yes <input checked="" type="checkbox"/> No	If “Yes”, see Section F below
	H. Risk of unexploded ordinance (UXO)	[] Yes <input checked="" type="checkbox"/> No	If “Yes”, see Section G below
	I. Traffic and Pedestrian Safety	<input checked="" type="checkbox"/> Yes [] No	If “Yes”, see Section H below



PART 3: MITIGATION MEASURES

ACTIVITY	PARAMETER	MITIGATION MEASURES CHECKLIST
0. General Conditions	Notification and Worker Safety	<ul style="list-style-type: none"> (a) The local construction and environment inspectorates and communities have been notified of upcoming activities (b) The public has been notified of the works through appropriate notification in the media and/or at publicly accessible sites (including the site of the works) (c) All legally required permits have been acquired for construction and/or rehabilitation (d) The Contractor formally agrees that all work will be carried out in a safe and disciplined manner designed to minimize impacts on neighboring residents and environment. (e) Workers' PPE will comply with international good practice (always hardhats, as needed masks and safety glasses, harnesses and safety boots) (f) Appropriate signposting of the sites will inform workers of key rules and regulations to follow.
A. General Rehabilitation and /or Construction Activities	Air Quality	<ul style="list-style-type: none"> (a) During excavation works dust control measures shall be employed, e.g. by spraying and moistening the ground (b) Demolition debris, excavated soil and aggregates shall be kept in controlled area and sprayed with water mist to reduce debris dust (c) During pneumatic drilling or breaking of pavement and foundations dust shall be suppressed by ongoing water spraying and/or installing dust screen enclosures at site (d) The surrounding environment (side walks, roads) shall be kept free of soil and debris to minimize dust (e) There will be no open burning of construction / waste material at the site (f) All machinery will be well maintained and serviced and there will be no excessive idling of construction vehicles at sites
	Noise	<ul style="list-style-type: none"> (a) Construction noise will be limited to restricted times agreed to in the permit (b) During operations the engine covers of generators, air compressors and other powered mechanical equipment shall be closed, and equipment placed as far away from residential areas as possible
	Water Quality	<ul style="list-style-type: none"> (a) The site will establish appropriate erosion and sediment control measures such as e.g. hay bales and / or silt fences to prevent sediment from moving off site and causing excessive turbidity in canalization and nearby streams and rivers
	Waste management	<ul style="list-style-type: none"> (a) Waste collection and disposal pathways and sites will be identified for all major waste types expected from excavation, demolition and construction activities. (b) Mineral construction and demolition wastes will be separated from general refuse, organic, liquid and chemical wastes by on-site sorting and stored in appropriate containers. (c) Construction waste will be collected and disposed properly into formally agreed upon locations. (d) Whenever feasible Contractor will reuse and recycle appropriate and viable materials (except when containing asbestos)
B. Impacts on surface drainage system	Water Quality	<ul style="list-style-type: none"> (a) There will be no unregulated extraction of groundwater, nor uncontrolled discharge of process waters, cement slurries, or any other contaminated waters into the ground or adjacent streams or rivers. (b) There will be proper storm water drainage systems installed and care taken not to silt, pollute, block or otherwise negatively impact natural streams, rivers, ponds and lakes by construction activities. (c) There will be procedures for prevention of and response to accidental spills of fuels, lubricants and other toxic or noxious substances. (d) Construction vehicles and machinery will be washed only in designated areas where runoff will not pollute natural surface water bodies.

ACTIVITY	PARAMETER	MITIGATION MEASURES CHECKLIST
C. Historic building(s)	Cultural Heritage	(a) If construction works take place close to a designated historic structure, or are located in a designated historic district, notification shall be made and approvals/permits be obtained from local authorities and all construction activities planned and carried out in line with local and national legislation. (b) It shall be ensured that provisions are put in place so that artifacts or other possible “chance finds” encountered in excavation or construction are noted and registered, responsible officials contacted, and works activities delayed or modified to account for such finds.
D. Acquisition of land	Land Acquisition Plan/Framework	(c) If expropriation of land was not expected but is required, or if loss of access to income of legal or illegal users of land was not expected but may occur, that the Bank’s Task Team Leader shall be immediately consulted. (d) The approved Land Acquisition Plan/Framework (if required by the project) will be implemented
E. Toxic materials	Asbestos management	(a) If asbestos is located on the project site, it shall be marked clearly as hazardous material (b) When possible the asbestos will be appropriately contained and sealed to minimize exposure (c) The asbestos prior to removal (if removal is necessary) will be treated with a wetting agent to minimize asbestos dust (d) Asbestos will be handled and disposed by skilled & experienced professionals (e) If asbestos material is stored temporarily, the wastes should be securely enclosed inside closed containments and marked appropriately. Security measures will be taken against unauthorized removal from the site. (f) The removed asbestos will not be reused
	Toxic / hazardous waste management	(a) Temporarily storage on site of all hazardous or toxic substances will be in safe containers labeled with details of composition, properties and handling information (b) The containers of hazardous substances shall be placed in an leak-proof container to prevent spillage (c) The wastes shall be transported by specially licensed carriers and disposed in a licensed facility. (d) Paints with toxic ingredients or solvents or lead-based paints will not be used
F. Affected forests, wetlands and/or protected areas	Ecosystem protection	(a) All recognized natural habitats, wetlands and protected areas in the immediate vicinity of the activity will not be damaged or exploited, all staff will be strictly prohibited from hunting, foraging, logging or other damaging activities. (b) A survey and an inventory shall be made of large trees in the vicinity of the construction activity, large trees shall be marked and cordoned off with fencing, their root system protected, and any damage to the trees avoided (c) Adjacent wetlands and streams shall be protected from construction site run-off with appropriate erosion and sediment control feature to include by not limited to hay bales and silt fences (d) There will be no unlicensed borrow pits, quarries or waste dumps in adjacent areas, especially not in protected areas.
G. Risk of unexploded ordinance (UXO)	Hazard to human health and safety	(a) Before start of any excavation works the Contractor will verify that the construction area has been checked and cleared regarding UXO by the appropriate authorities
H Traffic and pedestrian safety	Direct or indirect hazards to public traffic and pedestrians by construction activities	(b) In compliance with national regulations the Contractor will insure that the construction site is properly secured and construction related traffic regulated. This includes but is not limited to <ul style="list-style-type: none"> ▪ Signposting, warning signs, barriers and traffic diversions: site will be clearly visible and the public warned of all potential hazards ▪ Traffic management system and staff training, especially for site access and near-site heavy traffic. Provision of safe passages and crossings for pedestrians where construction traffic interferes. ▪ Adjustment of working hours to local traffic patterns, e.g. avoiding major transport activities during rush hours or times of livestock movement ▪ If required, active traffic management by trained and visible staff at the site for safe passage for the public ▪ Ensuring safe and continuous access to all adjacent office facilities, shops and residences during construction



PART 4: MONITORING PLAN

Construction Phase

Activity	What (Is the parameter to be monitored?)	Where (Is the parameter to be monitored?)	How (Is the parameter to be monitored?)	When (Define the frequency / or continuous?)	Why (Is the parameter being monitored?)	Who (Is responsible for monitoring?)
Supply of construction materials	Purchase of the construction materials from licensed providers	Offices and warehouses of material suppliers, and borrowing sites	Checking documents; Inspection of material quality	In the process of signing the agreements for material provision	Ensure technical quality of construction; Protect human health and environment	Roads Department (RD)
Transportation of construction materials and waste Movement of construction equipment	Technical condition of construction vehicles and machinery; Adequacy of the loading trucks for transported types of cargo, and canopy coverage of cargo transported in open trucks; Movement of construction vehicles and machinery along pre-defined routes.	Routes for transportation of construction materials and construction wastes	Inspection of roads adjacent to the construction site and included in the agreed-upon routes of transportation	Unannounced checks during the working hours	Avoid air and road pollution with dust and solid matter; Reduce traffic disruption	RD; Traffic Police
Operation of Construction machinery on site	Proper technical condition of construction machinery: <ul style="list-style-type: none"> • no excessive exhaust, • no fuel leakage, • respect of working hours 	Construction site	Inspection	Within and off working hours	Reduce air and soil pollution caused by equipment operation; Reduce noise and dust nuisance to local population	RD



<p>Servicing of construction machinery</p>	<p>Washing vehicles and machinery off-site of in the location sufficiently distant from water bodies;</p> <p>Servicing vehicles and machinery with oils and lubricants off-site or in an especially arranged location on-site;</p> <p>technical adequacy of the servicing location:</p> <ul style="list-style-type: none"> • solid, insulating floor or adsorbent layer (sand, gravel, membrane), • containment barriers allowing enough space for holding fuel over the maximum amount expected on the location at a time, • emergency fire-fighting kit, • sedimentation pool at car wash area. 	<p>Construction site and construction base (if applicable)</p>	<p>Inspection</p>	<p>Entire period of machinery operation</p>	<p>Avoid land and water pollution with oil products due to servicing of vehicles and machinery;</p> <p>Be ready for fire emergency action to promptly localize fire source and minimize material damage</p>	<p>RD</p>
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<p>Extraction of inert material</p>	<p>Purchase of inert material from the existing providers if possible;</p> <p>Obtaining license for extraction of material by the Contractor and strict adherence to the terms of such license;</p> <p>Terrace processing of the borrow pits, backfilling of excess material, and harmonization with landscape;</p> <p>River bed gravel extraction away from water flow, arrangement of gravel barriers for isolating extraction area from water flow, prevention of water flow entry by vehicles and machinery;</p> <p>Demarcation of borrow areas with warning signs</p>	<p>Borrow areas</p>	<p>Checking documents</p> <p>Inspection of activities</p>	<p>The period of material extraction</p>	<p>Reduce slope erosion and damage to the ecosystem and landscape;</p> <p>Reduce river bank erosion, water pollution with suspended particles, and impact on the aquatic life;</p> <p>Protection of animals and people from accidents</p>	<p>RD</p> <p>Agency of Natural Resources</p>
<p>Generation of construction waste</p>	<p>Temporary storage of inert and hazardous wastes separately at the designated locations;</p> <p>Timely disposal of waste to the formally designated landfills;</p> <p>Hand-over of hazardous wastes to licensed deactivating and processing companies.</p>	<p>Construction site and base (if applicable);</p> <p>Locations designated for waste disposal</p>	<p>Checking documents;</p> <p>Visual observation</p>	<p>Entire period of construction</p>	<p>Avoid pollution of the environment</p>	<p>RD;</p> <p>Local Municipality</p>



Accumulation of household waste	Provision of waste containers on-site; Agreement with local municipality for regular out-transporting of waste	Construction site and base (if applicable)	Visual inspection	Entire period of construction	Avoid pollution of soil and water with household waste	RD; Local Municipality
Generation of liquid waste	Arrangement and operation of toilets compliant with sanitary norms on-site; Arrangement of drainage system for storm water collection and periodic cleaning of the system from silt; Arrangement of sedimentation pool for waste water collection on-site	Construction site and base (if applicable)	Visual inspection	Entire period of construction Increased frequency of inspection in periods of high precipitation	Avoid flooding of construction site and base; Reduce pollution of surface and ground water	RD
Operation of asphalt-concrete plant	Obtaining permit for impacting environment by Contractor and strict adherence to its terms; Placement of plant in the location permissive for minimal disturbance of local population; Arranging sedimentation pool for capturing of liquid discharges from plant	Construction site and base (if applicable)	Checking documents Inspection	Before establishment of plant and during entire period of its operation	Reduce inconvenience for local population due to plant operation; Reduce air and surface water pollution from emissions and discharges from plant	RD; Environment Protection Agency
Safety of labor	- provision of Special Clothes and protective means for the contractors - Consistency with the rules of exploitation of the construction equipment and usage of private safety means	Construction site	Inspection of the activities	the whole construction period	reduce the probability of accidents	RD



Operation Phase

Activity	What (Is the parameter to be monitored?)	Where (Is the parameter to be monitored?)	How (Is the parameter to be monitored?)	When (Define the frequency / or continuous?)	Why (Is the parameter being monitored?)	Who (Is responsible for monitoring?)
Cleaning road surface and shoulders from waste	Trash deposited from moving vehicles timely collected and removed; Bodies of animals overrun by vehicles timely collected and removed	Carriageway and shoulders of the road section	Inspection	Quarterly	Prevent road littering; Road safety	Local municipality
Keeping road drainage system operational	Periodic cleaning of drainageditches from silt and trash	Drainage system long the road section	Inspection	Quarterly	Maintaining drainage system capacity for preventing road flooding and water damage	Local municipality
Confinement of accidental spills and clean-up	Timely confinement, deactivation, and removal of liquid or powder spills of cargo in case of road accidents	On the road and its immediate surroundings	Inspection	Upon occurrence of accidents, as required	Prevent pollution of soil and water	Traffic Police; Local municipality
Disposal of waste from regular road maintenance works	Collection and timely disposal of waste from maintenance works to the designated landfill	On the road and its immediate surroundings	Inspection	Towards completion of scheduled maintenance works	Prevent environment pollution	Local municipality



Attachment 1: Consultation meeting minutes

***Ministry of Regional Development and Infrastructure of Georgia
Roads Department of Georgia***

Minutes

*of Public Consultation Meeting at Tamakoni
on Environmental Management Plan for Rehabilitation works
of Nokalakevi-Ledzadzame-Didi Chkoni Road*

Public consultation on Environmental Management Plan for the Rehabilitation of Local road Nokalakevi-Ledzadzame-Didi Chkoni km 7 - km 23.5 was held on 10 august 2012 at Tamakoni Municipality. The goal of the public discussion was to inform the local communities about the purpose of the upcoming works, their timeline; temporary inconvenience expected from the construction works; and planned measures for mitigating the negative environmental impact.

Local stakeholders had possibility to ask questions and express their opinion during the public discussion, so that their comments could have been considered in the final version of the Environmental Management Plan.

Representatives of the Roads Department of Georgia included Otar Khatiashvili and Luiza Bubashvili

The public meeting was attended by the population of villages Salkhino and Tamakoni (see attachment).



Mr. Otar Khatiashvili and Luisa Bubashvili informed attendees about the Environmental Management Plan of rehabilitation works under Secondary and Local Roads project.

Mr. Otar Khatiashvili opened the meeting and informed attendees about the roads construction on the territory of municipality, also was discussed the meaning of Secondary and Local Roads rehabilitation project for Georgian economic development.

Mrs. Luisa Bubashvili made a presentation of Environmental Management Plan. She covered the scope of planned works, their possible impact on the natural environment and human health. Also was overviewed mitigation measures proposed to reduce negative environmental impacts of the project in the construction and operation phases.

Guram Vakhtangashvili

Deputy Chairman, Roads Departments of Georgia (signed and sealed)

Staff of the Roads Department of Georgia:

Otar Khatiashvili (signed)

Luiza Bubashvili (signed)

3. Երևանի	առևտրային	3. Երևանի
բնակավայր	առևտրային	բնակավայր
բնակավայր	առևտրային	բնակավայր
ն. Երևան	առևտրային	ն. Երևան
1. Երևան	առևտրային	1. Երևան
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5. Երևան	առևտրային	5. Երևան
6. Երևան	առևտրային	6. Երևան
7. Երևան	առևտրային	7. Երևան
8. Երևան	առևտրային	8. Երևան
9. Երևան	առևտրային	9. Երևան
10. Երևան	առևտրային	10. Երևան
11. Երևան	առևտրային	11. Երևան
12. Երևան	առևտրային	12. Երևան
13. Երևան	առևտրային	13. Երևան
14. Երևան	առևտրային	14. Երևան
15. Երևան	առևտրային	15. Երևան



Attachment 2: Waste disposal permit

ს. ს. „სახელოსნო“-ს დირექტორს
პ. პ. ლომიძეს

თქვენ 2012 წლის 22 სექტემბერს №199 ნომერს
დასრულდა მოწოდება №10 ს/პმის მიხედვით
დასრულდა თქვენს დასახლებაში სასაწყობო მოწყობის
დასრულება, ღირებულება 6/300000000, 50-20,5
დასრულდა სასაწყობო მოწყობის სამუშაოების
დასრულების და ამდენად თქვენს დასახლებაში
დასრულდა მოწყობის დასრულება ს/პმის
3-8 კმ-ზე.

სასაწყობო მოწყობის დასრულება და მოწყობა.

დირექტორის ი. ბ. ბ.
ს. ს. „სახელოსნო“-ს დირექტორს
ს. ს. „სახელოსნო“-ს დირექტორს
ს. ს. „სახელოსნო“-ს დირექტორს



Attachment 3: Quarry License



საქართველო
ეკონომიკური განვითარების სამინისტრო
სახარგებლო წიაღისეულის მოპოვების ლიცენზია
ნომერი 100271

ლიცენზიის უწყებრივ სალიცენზიო რეესტრში გატარების თარიღი

2008 წლის 14 თებერვალი

გაცემულია ს.ს. „საქეთობის ზე“
თურთაველი ან ფინანსური პირის დასახელება, ვისზედაც ნაიჭა ლიცენზია,
მინაცემები მის შესახებ.

(საგანგებობის მხარე) საქართველოს სავაჭრო
სარეგულაციო მსახური
იღმარებაში 11.01.1996წ., № 56/5-6,
ს/დ 239862038)

მ.ს. ტყეხის ქვანა, ხეხის მოპოვების მისით
საგანგებობის ხ-ნ-ში, სოფ. ძველი სარაქის ტერიტორიაზე
წიაღის უბნის ადგილმდებარეობის ქალაქის, რაიონის, სოფლის დასახელება

და ადასტურებს მისი მფლობელის უფლებას წიაღით სარგებლობაზე,
ლიცენზიის თანდართულ ტოპოგრაფიულ გეგმაზე დატანილი NN (1.08-1.68კმ.
1, 2, 3, 4 და 5; (1.08-1.68კმ.) 1, 2, 3, 4, 5 და 6.

წერტილზე გამავალი სამთო/გეოლოგიური მინაკუთენის კონტურის შიგნით,
ჩამოთვლილი წერტილების X,Y,H ზედა და H ქვედა კოორდინატების ცხრილი

წარმოდგენილია ლიცენზიის თანდართულ ტოპოგრაფიულ გეგმაზე

სამთო/გეოლოგიური მინაკუთენის ფართობი გეგმაზე
სადა მოთხი ორგანოტექსტები შესულია ჰექტარით.



აქველადი მინაკრედიტის მოცულობა _____

_____ იადვითი კუბური მეტრია.

აქველადი მინაკრედიტის მოქმედული
ქვემო, ხეობა
სახარგებლო ხარისხის, მრავალჯერ საჯარო და სხვ.

ენობის/მოცულობა _____ კუბური მეტრია.

სახსნელი ქანების მოცულობა _____ კუბური მეტრია.

სხვის კოფიცირება _____

ითი საზღვრების ინიციატი საქართველოს უახლოეს დასავლეთ

ტოტეხივი ხეობისთვის საზღვრების

08 წლის 31.04 N 05-16/2406 შიგნითის საფუძველზე

ესებული მიწის მინაკრედიტის უფროსი უფროსი 3.36 აა.

უფროსი კადასტრის/საქართველოს განსაზღვრული მიწის

აქველადი განმარტების დოკუმენტის დასავლეთ K-38-61-A-8

ენობის/მოცულობა N ს.პ.პ.4.ე.1.ჯ. 3.1.3.1.4. 5.ე.1.

ტოტეხივი უფროსი კონტრინი და მისი უფროსი უფროსი 3.36 აა-ს.

უფროსი კადასტრის/საქართველოს დოკუმენტის ცდაა

18 წლის 10 თებერვალი

ცენტრის მოქმედია სეთია წლის განმარტების

ითი საზღვრების სამუშაოთა წარმოებაში _____



სარეგისტრაციო ანაზი _____

მინაკრედიტის წილი საზღვრებისთვის
ტოტეხივი ხეობისთვის საზღვრებისთვის მინაკრედიტის
08 წლის 31.04 N 05-16/2406

ა) წილი საზღვრების ანაკრედიტის

მინაკრედიტის _____

მ.კ.მ.მ.მ.მ. _____

შეუზღუდავი ცემა, ხეობის უფროსი მოპოვება - 1 000 000 ლ

ბ) წილი საზღვრების საზღვრების ანაკრედიტის

მინაკრედიტის _____

მ.კ.მ.მ.მ.მ. _____

შეუზღუდავი

ტოტეხივი საქართველოს უფროსი უფროსი

კადასტრის/საქართველოს განმარტების 2008 წლის 10

თებერვალი N 1-1/2.500 მინაკრედიტის საზღვრების

