

R 02

**PENYENGGARAAN
BAHU JALAN
(SHOULDER)**

DISTRICT : KOTA BELUD
ROUTE NO : 01 - JALAN KOTA KINABALU - KUDAT
LOCATION : CH109.100(LHS)

R02 - SHOULDER REPAIR



BEFORE



IN PROGRESS



AFTER

DISTRICT : KOTA MARUDU
ROUTE NO : 01 - JALAN KOTA KINABALU - KUDAT
LOCATION : CH124.590(LHS)

R02 - SHOULDER REPAIR



BEFORE



IN PROGRESS



AFTER

DISTRICT : TAMBUNAN
ROUTE NO : 500 - JALAN KOTA KINABALU - KENINGAU - TENOM
LOCATION : CH 57.580 -CH 57.648 @ LHS

R02 SHOULDER REPAIR



BEFORE



IN PROGRESS



AFTER

DISTRICT : BEAUFORT
ROUTE NO : 01 JALAN KOTA KINABALU - SINDUMIN
LOCATION : CH76.112 (KM77.872) - LHS

RO2 SHOULDER REPAIR



BEFORE



IN PROGRESS



AFTER

DISTRICT : BEAUFORT
ROUTE NO : 01 JALAN KOTA KINABALU - SINDUMIN
LOCATION : CH82.900 (KM84.660) - RHS

RO2 SHOULDER REPAIR



BEFORE



IN PROGRESS



AFTER

DISTRICT : BEAUFORT
ROUTE NO : 01 JALAN KOTA KINABALU - SINDUMIN
LOCATION : CH83.130 (KM84.890) - LHS

RO2 SHOULDER REPAIR



BEFORE



IN PROGRESS



AFTER

DISTRICT : BEAUFORT
ROUTE NO : 502 JALAN BEAUFORT - MENUK BOK
LOCATION : CH17.970 (KM17.970) - LHS

RO2 SHOULDER REPAIR



BEFORE



IN PROGRESS



AFTER

LINTASAN RESOURCES SDN. BHD.
SHOULDER REPAIR
GRAND SUMMARY

MONTH: AUGUST 2009

DISTRICT	ROUTE NO	ROAD NAME	EARTH SHOULDER			GRAVEL SHOULDER					
			Previous	Current	Cumm.	Previous		Current		Cumm.	
			Area (m ²)	Area (m ²)	Area (m ²)	Area (m ²)	Vol (m ³)	Area (m ²)	Vol (m ³)	Area (m ²)	Vol (m ³)
Kota Belud	01	Jalan Kota Kinabalu-Kudat	7,080.00	24,285.00	31,365.00	240.00	44.10	0.00	0.00	240.00	44.10
Kota Marudu	01	Jalan Kota Kinabalu-Kudat	2,000.00	0.00	2,000.00	159.80	62.42	125.47	29.44	285.27	91.86
Kudat	01	Jalan Kota Kinabalu-Kudat	2,300.00	0.00	2,300.00	0.00	0.00	73.60	11.04	73.60	11.04
Tuaran	01	Jalan Kota Kinabalu-Kudat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	22	Jalan Kota Kinabalu-Sandakan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	503	Jalan Berungis-Kota Belud	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kota Kinabalu	01	Jalan Kota Kinabalu-Kudat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	01	Jalan Kota Kinabalu-Sindumin	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	606	Jalan Susur Sepangar Bay	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	607	Jalan Masuk Ke Pelabuhan Baru	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	608	Jalan Masuk ke Lapangan Terbang Lama	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Penampang	01	Jalan Kota Kinabalu-Sindumin	90.83	0.00	90.83	230.00	34.50	0.00	0.00	230.00	34.50
	500	Jalan Kota Kinabalu-Keningau-Tenom	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	501	Jalan Kota Kinabalu-Penampang-Lokkawi	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Papar	01	Jalan Kota Kinabalu-Sindumin	0.00	600.00	600.00	240.00	60.00	0.00	0.00	240.00	60.00
Ranau	22	Jalan Kota Kinabalu-Sandakan	34,305.32	7,381.31	41,686.63	63.00	9.45	0.00	0.00	63.00	9.45
Tambunan	500	Jalan Kota Kinabalu-Keningau-Tenom	1,098.00	25,770.20	26,868.20	12.50	1.50	491.80	69.87	504.30	71.37
Keningau	500	Jalan Kota Kinabalu-Keningau-Tenom	2,920.60	4,206.10	7,126.70	14.10	1.71	0.00	0.00	14.10	1.71
Tenom	500	Jalan Kota Kinabalu-Keningau-Tenom	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Beaufort	01	Jalan Kota Kinabalu-Sindumin	12.40	0.00	12.40	2,586.20	209.52	1,388.60	151.97	3,974.80	361.49
	502	Jalan Beaufort-Menumbok	0.00	0.00	0.00	314.13	24.92	229.50	23.85	543.63	48.77
Sipitang	01	Jalan Kota Kinabalu-Sindumin	0.00	0.00	0.00	1,318.80	140.26	420.20	1,739.00	1,739.00	1,879.26
Kuala Penyu	502	Jalan Beaufort-Menumbok	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL			49,807.15	62,242.61	112,049.76	5,178.53	588.38	2,729.17	2,025.17	7,907.70	2,613.55

LINTASAN RESOURCES SDN. BHD.
PRIVATISATION OF WEST COAST SABAH FEDERAL ROADS MAINTENANCE

SUMMARY- SHOULDER REPAIR RECORD

MONTH : AUGUST 2009

ITEM	DISTRICT	ROUTE NO.	ROAD NAME	EARTH SHOULDER			GRAVEL SHOULDER					
				PREVIOUS MONTH	CURRENT MONTH	CUM. MONTH	PREVIOUS MONTH		CURRENT MONTH		CUM. MONTH	
				Area (m ²)	Area (m ²)	Area (m ²)	Area (m ²)	Volume (m ³)	Area (m ²)	Volume (m ³)	Area (m ²)	Volume (m ³)
1	Kota Belud	01	Jalan Kota Kinabalu - Kudat	7,080.00	24,285.00	31,365.00	240.00	44.10	-	-	240.00	44.10
2	Kota Marudu	01	Jalan Kota Kinabalu - Kudat	2,000.00	-	2,000.00	159.80	62.42	125.47	29.44	285.27	91.86
3	Kudat	01	Jalan Kota Kinabalu - Kudat	2,300.00	-	2,300.00	-	-	73.60	11.04	73.60	11.04
TOTAL				11,380.00	24,285.00	35,665.00	399.80	106.52	199.07	40.48	598.87	147.00

LINTASAN RESOURCES SDN. BHD.
 MAINTENANCE OF FEDERAL ROADS - WEST COAST, SABAH

R02 SHOULDER REPAIR RECORD

DISTRICT: KOTA BELUD
 ROUTE NO. 01
 ROAD NAME: JALAN KOTA KINABALU- KUDAT
 MONTH: AUGUST 2009

ITEM	DATE	CHAINAGE		EARTH SHOULDER				GRAVEL SHOULDER				REMARKS	
		From	To	Length (m)	Width (m)	Depth (m)	Area (m2)	Length (m)	Width (m)	Depth (m)	Area (m2)		Volume (m3)
BROUGHT FORWARD:							7,080.00				240.00	44.10	
1	10 Aug 09	103.320	106.890	3,570.00	3.00	0.750	10,710.00						LHS
2	17 Aug 09	103.320	106.890	3,570.00	3.50	0.100	12,495.00						RHS
3	21 Aug 09	110.800	110.960	160.00	3.00	0.100	480.00						LHS
4	21 Aug 09	109.000	109.200	200.00	3.00	0.100	600.00						LHS
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29													
30													
BALANCE END OF AUG :							31,365.00				240.00	44.10	

LINTASAN RESOURCES SDN. BHD.
 MAINTENANCE OF FEDERAL ROADS - WEST COAST, SABAH

R02 SHOULDER REPAIR RECORD

DISTRICT: KOTA MARUDU
 ROUTE NO. 01
 ROAD NAME: JALAN KOTA KINABALU - KUDAT
 MONTH: AUGUST 2009

ITEM	DATE	CHAINAGE		EARTH SHOULDER				GRAVEL SHOULDER					REMARKS
		From	To	Length	Width	Depth	Area	Length	Width	Depth	Area	Volume	
				(m)	(m)	(m)	(m2)	(m)	(m)	(m)	(m2)	(m3)	
BROUGHT FORWARD:				-	-	-	2,000.00	-	-	-	159.80	62.42	
1	10 Aug 09	124.585						5.00	4.20	0.200	21.00	4.20	LHS
2	10 Aug 09	124.590						5.50	3.50	0.300	19.25	5.78	LHS
3	10 Aug 09	124.600						5.80	3.90	0.250	22.62	5.66	LHS
4	10 Aug 09	124.655						3.40	2.30	0.250	7.82	1.96	LHS
5	10 Aug 09	124.615						6.00	5.90	0.280	35.40	9.91	LHS
6	10 Aug 09	124.635						5.10	3.80	0.100	19.38	1.94	LHS
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30													
BALANCE END OF AUG :							2,000.00				285.27	91.86	

LINTASAN RESOURCES SDN. BHD.
 MAINTENANCE OF FEDERAL ROADS - WEST COAST, SABAH

R02 SHOULDER REPAIR RECORD

DISTRICT: KUDAT
 ROUTE NO. 01
 ROAD NAME: JALAN KOTA KINABALU - KUDAT
 MONTH: AUGUST 2009

ITEM	DATE	CHAINAGE		EARTH SHOULDER				GRAVEL SHOULDER					REMARKS	
		From	To	Length (m)	Width (m)	Depth (m)	Area (m2)	Length (m)	Width (m)	Depth (m)	Area (m2)	Volume (m3)		
BROUGHT FORWARD:				-	-	-	2,300.00	-	-	-				
1	19 Aug 09	149.030	149.064					32.00	2.30	0.150	73.60	11.04	RHS	
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BALANCE END OF AUG :							2,300.00				73.60	11.04		

LINTASAN RESOURCES SDN. BHD.
 PRIVATISATION OF WEST COAST SABAH FEDERAL ROADS MAINTENANCE

SUMMARY- SHOULDER REPAIR RECORD

MONTH : AUGUST 2009

ITEM	DISTRICT	ROUTE NO.	ROAD NAME	EARTH SHOULDER			GRAVEL SHOULDER					
				PREVIOUS MONTH	CURRENT MONTH	CUM. MONTH	PREVIOUS MONTH		CURRENT MONTH		CUM. MONTH	
				Area (m ²)	Area (m ²)	Area (m ²)	Area (m ²)	Volume (m ³)	Area (m ²)	Volume (m ³)	Area (m ²)	Volume (m ³)
1	Ranau	22	Jalan Kota Kinabalu - Sandakan	34,305.32	7,381.31	41,686.63	63.00	9.45	-	-	63.00	9.45
			TOTAL	34,305.32	7,381.31	41,686.63	63.00	9.45	-	-	63.00	9.45

LINTASAN RESOURCES SDN. BHD.
MAINTENANCE OF FEDERAL ROADS - WEST COAST, SABAH

R02 SHOULDER REPAIR RECORD

DISTRICT: Ranau
ROUTE NO. 22
ROAD NAME: Jalan Kota Kinabalu - Sandakan
MONTH: August 2009

ITEM	DATE	CHAINAGE		EARTH SHOULDER				GRAVEL SHOULDER				REMARKS	
				Length	Width	Depth	Area	Length	Width	Depth	Area		Volume
		From	To	(m)	(m)	(m)	(m ²)	(m)	(m)	(m)	(m ²)		(m ³)
BROUGHT FORWARD FROM JULY 2009:						34,305.32				63.00	9.45		
1	1/Aug/09	120.500	120.550	50.00	3.00		150.00						RHS
2	1/Aug/09	120.000	120.100	100.00	2.00		200.00						RHS
3	4/Aug/09	140.800	140.850	50.00	2.50		125.00						RHS
4	5/Aug/09	135.400	135.536	136.20	3.40		463.08						RHS
5	5/Aug/09	135.400	135.488	88.30	3.60		317.88						LHS
6	5/Aug/09	55.000	55.029	29.00	0.10		2.90						LHS
7	5/Aug/09	54.900	54.942	42.00	0.90		37.80						RHS
8	6/Aug/09	135.300	135.363	63.40	4.80		304.32						LHS
9	6/Aug/09	135.200	135.316	116.20	3.10		360.22						RHS
10	6/Aug/09	54.800	54.891	91.60	1.10		100.76						RHS
11	7/Aug/09	135.100	135.176	76.20	3.10		236.22						RHS
12	7/Aug/09	55.500	55.621	121.00	0.80		96.80						RHS
13	8/Aug/09	135.000	135.100	100.00	3.20		320.00						LHS
14	8/Aug/09	54.900	54.980	80.60	1.00		80.60						RHS
15	10/Aug/09	135.000	135.032	32.10	3.10		99.51						RHS
16	10/Aug/09	54.700	54.732	32.60	0.90		29.34						RHS
17	10/Aug/09	54.700	54.774	74.90	0.90		67.41						LHS
18	11/Aug/09	135.300	135.344	44.20	1.80		79.56						RHS
19	11/Aug/09	54.400	54.556	156.10	1.00		156.10						LHS
20	12/Aug/09	134.700	134.748	48.60	3.30		160.38						LHS
21	12/Aug/09	134.500	134.622	122.70	3.80		466.26						LHS
22	12/Aug/09	53.700	53.786	86.30	1.40		120.82						LHS
23	13/Aug/09	134.300	134.600	300.00	4.20		1,260.00						LHS
24	13/Aug/09	55.500	55.550	50.70	1.00		50.70						LHS
25	13/Aug/09	55.500	55.574	74.60	1.00		74.60						RHS
26	14/Aug/09	134.100	134.236	136.40	2.40		327.36						RHS
27	14/Aug/09	133.900	133.942	42.30	3.70		156.51						RHS
28	14/Aug/09	56.300	56.367	67.50	0.80		54.00						RHS
29	14/Apr/09	56.300	56.338	38.20	0.70		26.74						LHS
30	15/Aug/09	133.600	133.662	62.10	1.20		74.52						LHS
CARRIED FORWARD:						40,304.71				63.00	9.45		

LINTASAN RESOURCES SDN. BHD.
MAINTENANCE OF FEDERAL ROADS - WEST COAST, SABAH

R02 SHOULDER REPAIR RECORD

DISTRICT: Ranau
ROUTE NO. 22
ROAD NAME: Jalan Kota Kinabalu - Sandakan
MONTH: August 2009

ITEM	DATE	CHAINAGE		EARTH SHOULDER				GRAVEL SHOULDER					REMARKS	
				Length	Width	Depth	Area	Length	Width	Depth	Area	Volume		
		From	To	(m)	(m)	(m)	(m ²)	(m)	(m)	(m)	(m ²)	(m ³)		
BROUGHT FORWARD:						40,304.71						63.00	9.45	
31	16/Aug/09	133.500	133.616	116.20	3.10		360.22							LHS
32	20/Aug/09	133.400	133.522	112.40	2.90		325.96							LHS
33	21/Aug/09	133.300	133.387	87.20	1.80		156.96							RHS
34	22/Aug/09	133.200	133.285	85.40	1.80		153.72							LHS
35	22/Aug/09	133.200	133.348	148.10	2.60		385.06							RHS
CARRIED FORWARD:						41,686.63						63.00	9.45	

LINTASAN RESOURCES SDN. BHD.
 PRIVATISATION OF WEST COAST SABAH FEDERAL ROADS MAINTENANCE

SUMMARY- SHOULDER REPAIR RECORD

Month: AUGUST 2009

ITEM	DISTRICT	ROUTE NO.	ROAD NAME	EARTH SHOULDER			GRAVEL SHOULDER					
				PREVIOUS MONTH	CURRENT MONTH	CUM. MONTH	PREVIOUS MONTH		CURRENT MONTH		CUM. MONTH	
				Area (m ²)	Area (m ²)	Area (m ²)	Area (m ²)	Volume (m ³)	Area (m ²)	Volume (m ³)	Area (m ²)	Volume (m ³)
1	Kota Kinabalu	01	Jalan Kota Kinabalu - Sindumin	-	-	-	-	-	-	-	-	-
2	Penampang	01	Jalan Kota Kinabalu - Sindumin	90.83	-	90.83	230.00	34.50	-	-	230.00	34.50
3	Papar	01	Jalan Kota Kinabalu - Sindumin	-	600.00	600.00	240.00	60.00	-	-	240.00	60.00
4	Penampang	500	Jalan Kota Kinabalu - Keningau - Tenom	-	-	-	-	-	-	-	-	-
5	Penampang	501	Jalan Kota Kinabalu - Penampang - Lok Kawi	-	-	-	-	-	-	-	-	-
6	Kota Kinabalu	608	Jalan Masuk Ke Lapangan Terbang Lama, KK	-	-	-	-	-	-	-	-	-
TOTAL				90.83	600.00	690.83	470.00	94.50	-	-	470.00	94.50

LINTASAN RESOURCES SDN. BHD.
 MAINTENANCE OF FEDERAL ROADS - WEST COAST, SABAH

R02 SHOULDER REPAIR RECORD

DISTRICT: PENAMPANG
 ROUTE NO.: 01
 ROAD NAME: JALAN KK-SINDUMIN
 MONTH: AUGUST 2009

ITEM	DATE	CHAINAGE		EARTH SHOULDER				GRAVEL SHOULDER					REMARKS
		From	To	Length (m)	Width (m)	Depth (m)	Area (m2)	Length (m)	Width (m)	Depth (m)	Area (m2)	Volume (m3)	
							90.83				230.00	34.50	
BROUGHT FORWARD:													
TOTAL:							90.83				230.00	34.50	

LINTASAN RESOURCES SDN. BHD.
 MAINTENANCE OF FEDERAL ROADS - WEST COAST, SABAH

R02 SHOULDER REPAIR RECORD

DISTRICT: PAPAR
 ROUTE NO.: 01
 ROAD NAME: JALAN KK-SINDUMIN
 MONTH: AUGUST 2009

ITEM	DATE	CHAINAGE		EARTH SHOULDER				GRAVEL SHOULDER					REMARKS
		From	To	Length (m)	Width (m)	Depth (m)	Area (m2)	Length (m)	Width (m)	Depth (m)	Area (m2)	Volume (m3)	
BROUGHT FORWARD:							0.00				240.00	60.00	
1	22 Aug 09	69.450	69.750	300.00	2.00		600.00						RHS
TOTAL:							600.00				240.00	60.00	

LINTASAN RESOURCES SDN. BHD.
PRIVATISATION OF WEST COAST SABAH FEDERAL ROADS MAINTENANCE

SUMMARY - SHOULDER REPAIR RECORD

Month : AUGUST 2009

ITEM	DISTRICT	ROUTE NO.	ROAD NAME	EARTH SHOULDER			GRAVEL SHOULDER					
				PREVIOUS MONTH	CURRENT MONTH	CUM. MONTH	PREVIOUS MONTH		CURRENT MONTH		CUM. MONTH	
				Area (m ²)	Area (m ²)	Area (m ²)	Area (m ²)	Volume (m ³)	Area (m ²)	Volume (m ³)	Area (m ²)	Volume (m ³)
1	TAMBUNAN	500	Jalan Kota Kinabalu - Keningau - Tenom	1,098.00	25,770.20	26,868.20	12.50	1.50	491.80	69.87	504.30	71.37
2	KENINGAU	500	Jalan Kota Kinabalu - Keningau - Tenom	2,920.60	4,206.10	7,126.70	14.10	1.71	-	-	14.10	1.71
3	TENOM	500	Jalan Kota Kinabalu - Keningau - Tenom	-	-	-	-	-	-	-	-	-
TOTAL				4,018.60	29,976.30	33,994.90	26.60	3.21	491.80	69.87	518.40	73.08

LINTASAN RESOURCES SDN. BHD.
MAINTENANCE OF FEDERAL ROADS - WEST COAST, SABAH

R02 SHOULDER REPAIR RECORD

DISTRICT: TAMBUNAN

ROUTE NO. 500

ROAD NAME: JLN K. KINABALU - KENINGAU - TENOM

MONTH: August 2009

ITEM	DATE	CHAINAGE		EARTH SHOULDER				GRAVEL SHOULDER					REMARKS
		From	To	Length (m)	Width (m)	Depth (m)	Area (m2)	Length (m)	Width (m)	Depth (m)	Area (m2)	Volume (m3)	
BROUGHT FORWARD:							1,098.00				12.50	1.50	
1	10 Aug 09	87.395	87.406					11.00	3.40	0.200	37.40	7.48	Drop Off/LHS
2	15 Aug 09	48.766	48.774					8.00	0.80	0.100	6.40	0.64	Drop Off/LHS
3	15 Aug 09	48.785	48.788					3.00	1.50	0.075	4.50	0.34	Drop Off/RHS
4	15 Aug 09	48.870	48.877					7.00	2.00	0.125	14.00	1.75	Ponding/RHS
5	15 Aug 09	48.888	48.922					34.00	3.00	0.100	102.00	10.20	Drop Off/LHS
6	15 Aug 09	48.895	48.899					4.00	2.50	0.125	10.00	1.25	Ponding/RHS
7	15 Aug 09	55.295	55.405	110.00	2.50	-	275.00						Trimming/RHS
8	15 Aug 09	56.560	56.771	211.00	2.50	-	527.50						Trimming/RHS
9	15 Aug 09	56.650	56.667					17.00	2.00	0.100	34.00	3.40	Drop Off/LHS
10	15 Aug 09	57.206	57.230					24.00	2.50	0.150	60.00	9.00	Drop Off/RHS
11	15 Aug 09	57.580	57.643					63.00	2.50	0.175	157.50	27.56	Drop Off/LHS
12	15 Aug 09	60.830	60.852					22.00	3.00	0.125	66.00	8.25	Drop Off/LHS
13	15 Aug 09	61.703	61.774	71.00	2.50	-	177.50						Trimming/LHS
14	15 Aug 09	61.790	61.814	24.00	2.50	-	60.00						Trimming/LHS
15	15 Aug 09	63.270	63.529	259.00	3.00	-	777.00						Trimming/LHS
16	15 Aug 09	63.307	63.490	183.00	3.00	-	549.00						Trimming/RHS
17	15 Aug 09	63.883	63.936	53.00	2.50	-	132.50						Trimming/LHS
18	15 Aug 09	63.970	64.037	67.00	2.50	-	167.50						Trimming/LHS
19	15 Aug 09	66.104	66.223	119.00	3.00	-	357.00						Trimming/LHS
20	17 Aug 09	54.650	54.781	131.00	3.40	-	445.40						Trimming/RHS
21	17 Aug 09	54.781	54.805	24.00	2.00	-	48.00						Trimming/RHS
22	17 Aug 09	54.810	54.868	58.00	2.50	-	145.00						Trimming/LHS
23	17 Aug 09	54.860	55.120	260.00	3.00	-	780.00						Trimming/RHS
24	18 Aug 09	55.050	55.113	63.00	3.20	-	201.60						Trimming/LHS
25	18 Aug 09	55.120	55.279	159.00	2.00	-	318.00						Trimming/RHS
26	18 Aug 09	55.593	55.652	59.00	4.00	-	236.00						Trimming/RHS
27	18 Aug 09	56.120	56.350	230.00	2.50	-	575.00						Trimming/RHS
28	19 Aug 09	55.652	55.844	192.00	3.40	-	652.80						Trimming/RHS
29	19 Aug 09	58.150	58.219	69.00	3.20	-	220.80						Trimming/LHS
30	19 Aug 09	58.200	58.253	53.00	2.70	-	143.10						Trimming/RHS
CARRIED FORWARD							7,886.70				504.30	71.37	

LINTASAN RESOURCES SDN. BHD.
MAINTENANCE OF FEDERAL ROADS - WEST COAST, SABAH

R02 SHOULDER REPAIR RECORD

DISTRICT: TAMBUNAN

ROUTE NO. 500

ROAD NAME: JLN K. KINABALU - KENINGAU - TENOM

MONTH: August 2009

ITEM	DATE	CHAINAGE		EARTH SHOULDER				GRAVEL SHOULDER					REMARKS
		From	To	Length (m)	Width (m)	Depth (m)	Area (m2)	Length (m)	Width (m)	Depth (m)	Area (m2)	Volume (m3)	
BROUGHT FORWARD:							7,886.70				504.30	71.37	
31	19 Aug 09	58.425	58.466	41.00	3.10	-	127.10						Trimming/LHS
32	20 Aug 09	63.670	63.788	118.00	2.00	-	236.00						Trimming/RHS
33	20 Aug 09	63.680	63.808	128.00	3.00	-	384.00						Trimming/LHS
34	20 Aug 09	63.928	64.048	120.00	2.00	-	240.00						Trimming/RHS
35	20 Aug 09	64.042	64.105	63.00	3.10	-	195.30						Trimming/LHS
36	20 Aug 09	64.100	64.216	116.00	2.30	-	266.80						Trimming/RHS
37	20 Aug 09	64.200	64.305	105.00	4.10	-	430.50						Trimming/LHS
38	20 Aug 09	64.350	64.513	163.00	3.10	-	505.30						Trimming/RHS
39	20 Aug 09	64.350	64.546	196.00	2.50	-	490.00						Trimming/LHS
40	20 Aug 09	64.570	64.641	71.00	3.30	-	234.30						Trimming/LHS
41	20 Aug 09	64.641	64.749	108.00	2.50	-	270.00						Trimming/LHS
42	21 Aug 09	80.463	80.629	166.00	2.50	-	415.00						Trimming/RHS
43	21 Aug 09	83.920	84.005	85.00	2.00	-	170.00						Trimming/LHS
44	21 Aug 09	84.300	84.703	403.00	3.60	-	1,450.80						Trimming/RHS
45	21 Aug 09	84.350	84.730	380.00	3.50	-	1,330.00						Trimming/LHS
46	24 Aug 09	65.710	65.844	134.00	2.50	-	335.00						Trimming/RHS
47	24 Aug 09	65.707	65.853	146.00	2.00	-	292.00						Trimming/LHS
48	24 Aug 09	65.610	65.697	87.00	3.10	-	269.70						Trimming/LHS
49	24 Aug 09	65.550	65.657	107.00	2.50	-	267.50						Trimming/RHS
50	24 Aug 09	65.500	65.600	100.00	2.10	-	210.00						Trimming/LHS
51	24 Aug 09	65.386	65.533	147.00	2.50	-	367.50						Trimming/RHS
52	24 Aug 09	65.200	65.500	300.00	2.00	-	600.00						Trimming/LHS
53	24 Aug 09	65.100	65.231	131.00	2.50	-	327.50						Trimming/RHS
54	24 Aug 09	65.000	65.199	199.00	2.00	-	398.00						Trimming/LHS
55	24 Aug 09	60.970	61.155	185.00	2.50	-	462.50						Trimming/LHS
56	24 Aug 09	60.459	60.702	243.00	1.50	-	364.50						Trimming/LHS
57	27 Aug 09	66.890	66.970	80.00	2.00	-	160.00						Trimming/RHS
58	27 Aug 09	66.895	66.970	75.00	2.00	-	150.00						Trimming/LHS
59	27 Aug 09	67.350	67.500	150.00	3.00	-	450.00						Trimming/LHS
60	27 Aug 09	67.360	67.480	120.00	2.50	-	300.00						Trimming/RHS
CARRIED FORWARD							19,586.00				504.30	71.37	

LINTASAN RESOURCES SDN. BHD.
MAINTENANCE OF FEDERAL ROADS - WEST COAST, SABAH

R02 SHOULDER REPAIR RECORD

DISTRICT: TAMBUNAN

ROUTE NO. 500

ROAD NAME: JLN K. KINABALU - KENINGAU - TENOM

MONTH: August 2009

ITEM	DATE	CHAINAGE		EARTH SHOULDER				GRAVEL SHOULDER					REMARKS
		From	To	Length (m)	Width (m)	Depth (m)	Area (m2)	Length (m)	Width (m)	Depth (m)	Area (m2)	Volume (m3)	
BROUGHT FORWARD:							19,586.00				504.30	71.37	
61	27 Aug 09	67.990	68.048	58.00	2.00	-	116.00						Trimming/LHS
62	27 Aug 09	68.110	68.126	16.00	3.00	0.100	48.00						Drop Off/RHS
63	27 Aug 09	68.450	68.506	56.00	2.00	-	112.00						Trimming/LHS
64	27 Aug 09	68.460	68.521	61.00	2.00	-	122.00						Trimming/RHS
65	27 Aug 09	68.506	68.587	81.00	3.00	-	243.00						Trimming/LHS
66	27 Aug 09	68.750	68.952	202.00	2.00	-	404.00						Trimming/RHS
67	27 Aug 09	68.587	68.658	71.00	2.00	-	142.00						Trimming/LHS
68	27 Aug 09	68.560	68.641	81.00	2.50	-	202.50						Trimming/RHS
69	27 Aug 09	68.658	68.819	161.00	3.00	-	483.00						Trimming/LHS
70	27 Aug 09	68.650	68.750	100.00	2.00	-	200.00						Trimming/RHS
71	27 Aug 09	68.819	68.880	61.00	2.50	-	152.50						Trimming/LHS
72	27 Aug 09	68.952	69.072	120.00	3.00	-	360.00						Trimming/RHS
73	27 Aug 09	68.900	69.047	147.00	2.00	-	294.00						Trimming/LHS
74	27 Aug 09	72.610	72.716	106.00	3.20	-	339.20						Trimming/RHS
75	27 Aug 09	73.050	73.141	91.00	2.50	-	227.50						Trimming/RHS
76	27 Aug 09	73.650	73.701	51.00	3.00	0.075	153.00						Drop Off/LHS
77	27 Aug 09	73.710	73.960	250.00	2.00	-	500.00						Trimming/LHS
78	28 Aug 09	74.782	74.848	66.00	2.50	-	165.00						Trimming/RHS
79	28 Aug 09	75.020	75.068	48.00	3.00	-	144.00						Trimming/LHS
80	28 Aug 09	76.980	77.013	33.00	3.00	-	99.00						Trimming/RHS
81	28 Aug 09	79.463	79.618	155.00	2.50	-	387.50						Trimming/LHS
82	28 Aug 09	79.574	79.682	108.00	2.50	-	270.00						Trimming/RHS
83	28 Aug 09	79.687	79.729	42.00	3.00	-	126.00						Trimming/LHS
84	28 Aug 09	79.750	79.819	69.00	3.00	-	207.00						Trimming/LHS
85	28 Aug 09	79.765	79.875	110.00	2.50	-	275.00						Trimming/RHS
86	28 Aug 09	79.844	79.992	148.00	3.00	-	444.00						Trimming/LHS
87	28 Aug 09	80.629	80.766	137.00	2.00	-	274.00						Trimming/RHS
88	28 Aug 09	80.463	80.693	230.00	3.00	-	690.00						Trimming/LHS
89	28 Aug 09	81.585	81.636	51.00	2.00	-	102.00						Trimming/LHS
90													
TOTAL							26,868.20				504.30	71.37	

LINTASAN RESOURCES SDN. BHD.
MAINTENANCE OF FEDERAL ROADS - WEST COAST, SABAH

R02 SHOULDER REPAIR RECORD

DISTRICT: KENINGAU
ROUTE NO. 500
ROAD NAME: JLN K. KINABALU - KENINGAU - TENOM
MONTH: August 2009

ITEM	DATE	CHAINAGE		EARTH SHOULDER				GRAVEL SHOULDER					REMARKS
		From	To	Length (m)	Width (m)	Depth (m)	Area (m2)	Length (m)	Width (m)	Depth (m)	Area (m2)	Volume (m3)	
BROUGHT FORWARD:							2,920.60				14.10	1.71	
1	10 Aug 09	115.476	115.547	71.00	2.10	-	149.10						Trimming/LHS
2	10 Aug 09	115.430	115.445	15.00	3.60	-	54.00						Trimming/RHS
3	10 Aug 09	115.200	115.239	39.00	2.50	-	97.50						Trimming/LHS
4	10 Aug 09	115.050	115.184	134.00	2.10	-	281.40						Trimming/LHS
5	10 Aug 09	114.775	114.925	150.00	1.80	-	270.00						Trimming/LHS
6	10 Aug 09	114.600	114.707	107.00	1.10	-	117.70						Trimming/RHS
7	26 Aug 09	107.152	107.372	220.00	2.50	-	550.00						Trimming/RHS
8	26 Aug 09	107.152	107.377	225.00	3.00	-	675.00						Trimming/LHS
9	26 Aug 09	107.450	107.494	44.00	2.10	-	92.40						Trimming/LHS
10	26 Aug 09	107.650	107.900	250.00	2.50	-	625.00						Trimming/RHS
11	26 Aug 09	108.250	108.301	51.00	2.00	-	102.00						Trimming/LHS
12	26 Aug 09	109.800	109.951	151.00	3.00	-	453.00						Trimming/LHS
13	26 Aug 09	110.200	110.241	41.00	3.00	-	123.00						Trimming/RHS
14	26 Aug 09	110.205	110.240	35.00	2.50	-	87.50						Trimming/LHS
15	26 Aug 09	110.630	110.655	25.00	2.50	-	62.50						Trimming/LHS
16	26 Aug 09	110.650	110.661	11.00	3.00	-	33.00						Trimming/RHS
17	26 Aug 09	110.690	110.725	35.00	2.00	-	70.00						Trimming/RHS
18	26 Aug 09	110.695	110.729	34.00	2.00	-	68.00						Trimming/LHS
19	26 Aug 09	118.700	118.725	25.00	2.00	-	50.00						Trimming/RHS
20	26 Aug 09	118.705	118.721	16.00	2.00	-	32.00						Trimming/LHS
21	26 Aug 09	118.760	118.806	46.00	2.00	-	92.00						Trimming/RHS
22	26 Aug 09	118.760	118.795	35.00	2.00	-	70.00						Trimming/LHS
23	26 Aug 09	121.407	121.417	10.00	5.10	0.125	51.00						Drop Off/LHS
24													
25													
26													
27													
28													
29													
30													
TOTAL :							7,126.70				14.10	1.71	

LINTASAN RESOURCES SDN. BHD.
PRIVATISATION OF WEST COAST SABAH FEDERAL ROADS MAINTENANCE

SUMMARY- SHOULDER REPAIR RECORD

Month : AUGUST 2009

ITEM	DISTRICT	ROUTE NO.	ROAD NAME	EARTH SHOULDER			GRAVEL SHOULDER					
				PREVIOUS MONTH	CURRENT MONTH	CUM. MONTH	PREVIOUS MONTH		CURRENT MONTH		CUM. MONTH	
				Area (m ²)	Area (m ²)	Area (m ²)	Area (m ²)	Volume (m ³)	Area (m ²)	Volume (m ³)	Area (m ²)	Volume (m ³)
1	Beaufort	01	Jalan Kota Kinabalu - Sindumin	12.40	-	12.40	2,586.20	209.62	1,388.60	151.97	3,974.80	361.59
2	Beaufort	502	Jalan Beaufort - Menumbok	-	-	-	314.13	24.92	229.50	23.85	543.63	48.77
3	Sipitang	01	Jalan Kota Kinabalu - Sindumin	-	-	-	1,318.80	140.26	420.20	42.22	1,739.00	182.48
4	Kuala Penyu	502	Jalan Beaufort - Menumbok	-	-	-	-	-	-	-	-	-
TOTAL				12.40	-	12.40	4,219.13	374.80	2,038.30	218.04	6,257.43	592.84

LINTASAN RESOURCES SDN. BHD.
MAINTENANCE OF FEDERAL ROADS - WEST COAST, SABAH

R02 SHOULDER REPAIR RECORD

DISTRICT: BEAUFORT

ROUTE NO. 01

ROAD NAME: JALAN KOTA KINABALU - SINDUMIN

MONTH: AUGUST 2009

ITEM	DATE	CHAINAGE		EARTH SHOULDER				GRAVEL SHOULDER					REMARKS
				Length	Width	Depth	Area	Length	Width	Depth	Area	Volume	
		From	To	(m)	(m)	(m)	(m ²)	(m)	(m)	(m)	(m ²)	(m ³)	
BROUGHT FORWARD:				-	-	-	12.40	-	-	-	2586.20	209.62	
1	07-Aug-09	125.070	125.256					186.00	1.20	0.155	223.20	34.60	LHS
2	07-Aug-09	125.588	125.601					13.00	1.10	0.080	14.30	1.14	LHS
3	07-Aug-09	125.662	125.675					13.00	1.00	0.095	13.00	1.23	LHS
4	07-Aug-09	125.698	125.712					14.00	1.20	0.065	16.80	1.09	RHS
5	07-Aug-09	125.785	125.805					20.00	1.00	0.075	20.00	1.50	LHS
6	07-Aug-09	125.810	125.822					12.00	2.40	0.070	28.80	2.02	LHS
7	07-Aug-09	125.815	125.819					4.00	0.90	0.080	3.60	0.29	RHS
8	07-Aug-09	125.820	125.823					3.00	1.00	0.065	3.00	0.20	LHS
9	07-Aug-09	125.834	125.847					13.00	3.10	0.085	40.30	3.43	LHS
10	11-Aug-09	76.085	76.105					20.00	1.40	0.115	28.00	3.22	RHS
11	11-Aug-09	76.112	76.128					16.00	3.20	0.155	51.20	7.94	RHS
12	11-Aug-09	77.609	77.622					13.00	0.40	0.075	5.20	0.39	RHS
13	11-Aug-09	78.585	78.597					12.00	1.50	0.080	18.00	1.44	LHS
14	11-Aug-09	78.600	78.611					11.00	2.50	0.065	27.50	1.79	LHS
15	11-Aug-09	78.615	78.652					37.00	3.20	0.100	118.40	11.84	RHS
16	11-Aug-09	78.620	78.745					125.00	0.60	0.060	75.00	4.50	RHS
17	11-Aug-09	78.630	78.758					128.00	1.40	0.145	179.20	25.98	LHS
18	12-Aug-09	78.635	78.719					84.00	1.70	0.085	142.80	12.14	RHS
19	12-Aug-09	82.900	82.938					38.00	1.30	0.165	49.40	8.15	RHS
20	12-Aug-09	83.130	83.182					52.00	1.20	0.110	62.40	6.86	LHS
21	12-Aug-09	89.800	89.812					12.00	1.00	0.090	12.00	1.08	LHS
22	12-Aug-09	89.818	89.869					51.00	1.40	0.075	71.40	5.36	LHS
23	12-Aug-09	89.832	89.865					33.00	1.20	0.080	39.60	3.17	LHS
24	12-Aug-09	89.850	89.881					31.00	1.30	0.065	40.30	2.62	LHS
25	17-Aug-09	96.340	96.343					3.00	1.40	0.165	4.20	0.69	LHS
26	17-Aug-09	101.351	101.368					17.00	1.00	0.092	17.00	1.56	LHS
27	17-Aug-09	101.371	101.377					6.00	0.50	0.085	3.00	0.26	LHS
28	17-Aug-09	101.381	101.386					5.00	0.50	0.120	2.50	0.30	LHS
29	17-Aug-09	101.390	101.402					12.00	0.50	0.065	6.00	0.39	LHS
30	17-Aug-09	101.395	101.400					5.00	0.50	0.095	2.50	0.24	RHS
CARRIED FORWARD:							12.40				3,904.80	355.02	

LINTASAN RESOURCES SDN. BHD.
 MAINTENANCE OF FEDERAL ROADS - WEST COAST, SABAH

R02 SHOULDER REPAIR RECORD

DISTRICT: BEAUFORT
 ROUTE NO. 01
 ROAD NAME: JALAN KOTA KINABALU - SINDUMIN
 MONTH: AUGUST 2009

ITEM	DATE	CHAINAGE		EARTH SHOULDER				GRAVEL SHOULDER					REMARKS
				Length (m)	Width (m)	Depth (m)	Area (m ²)	Length (m)	Width (m)	Depth (m)	Area (m ²)	Volume (m ³)	
		From	To										
BROUGHT FORWARD:				-	-	-	12.40	-	-	-	3904.80	355.02	
31	17-Aug-09	101.403	101.409					6.00	0.40	0.095	2.40	0.23	RHS
32	17-Aug-09	101.410	101.419					9.00	1.20	0.070	10.80	0.76	LHS
33	17-Aug-09	101.421	101.426					5.00	1.00	0.080	5.00	0.40	LHS
34	17-Aug-09	101.439	101.453					14.00	3.70	0.100	51.80	5.18	LHS
35													
36													
37													
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59													
60													
CARRIED FORWARD:							12.40				3,974.80	361.59	

LINTASAN RESOURCES SDN. BHD.
 MAINTENANCE OF FEDERAL ROADS - WEST COAST, SABAH

R02 SHOULDER REPAIR RECORD

DISTRICT: SIPITANG
 ROUTE NO. 01
 ROAD NAME: JALAN KOTA KINABALU - SINDUMIN
 MONTH: AUGUST 2009

ITEM	DATE	CHAINAGE		EARTH SHOULDER				GRAVEL SHOULDER					REMARKS
		From	To	Length (m)	Width (m)	Depth (m)	Area (m ²)	Length (m)	Width (m)	Depth (m)	Area (m ²)	Volume (m ³)	
BROUGHT FORWARD:				-	-	-	0.00	-	-	-	1,318.80	140.26	-
1	08-Aug-09	129.901	129.915					14.00	0.40	0.080	5.60	0.45	LHS
2	08-Aug-09	129.930	129.952					22.00	0.50	0.075	11.00	0.82	LHS
3	08-Aug-09	133.472	133.481					9.00	0.40	0.065	3.60	0.23	LHS
4	08-Aug-09	133.487	133.511					24.00	1.00	0.105	24.00	2.52	LHS
5	08-Aug-09	140.140	140.174					34.00	1.80	0.095	61.20	5.81	RHS
6	08-Aug-09	140.144	140.161					17.00	1.50	0.080	25.50	2.04	LHS
7	08-Aug-09	140.170	140.201					31.00	0.60	0.065	18.60	1.21	RHS
8	08-Aug-09	140.228	140.239					11.00	0.90	0.075	9.90	0.74	RHS
9	08-Aug-09	140.763	140.792					29.00	1.30	0.085	37.70	3.20	RHS
10	08-Aug-09	140.960	140.991					31.00	1.30	0.090	40.30	3.63	LHS
11	08-Aug-09	140.960	140.987					27.00	1.20	0.085	32.40	2.75	RHS
12	08-Aug-09	142.232	142.326					94.00	1.60	0.125	150.40	18.80	RHS
13													
14													
15													
16													
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19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													
CARRIED FORWARD:							0.00				1,739.00	182.48	

LINTASAN RESOURCES SDN. BHD.
 MAINTENANCE OF FEDERAL ROADS - WEST COAST, SABAH

R02 SHOULDER REPAIR RECORD

DISTRICT: BEAUFORT
 ROUTE NO. 502
 ROAD NAME: JALAN BEAUFORT - MENUMBOK
 MONTH: AUGUST 2009

ITEM	DATE	CHAINAGE		EARTH SHOULDER				GRAVEL SHOULDER					REMARKS
		From	To	Length (m)	Width (m)	Depth (m)	Area (m ²)	Length (m)	Width (m)	Depth (m)	Area (m ²)	Volume (m ³)	
BROUGHT FORWARD:				-	-	-	0.00	-	-	-	314.13	24.92	-
1	22-Aug-09	14.630	14.648				0.00	18.00	1.00	0.150	18.00	2.70	RHS
2	22-Aug-09	17.970	18.111				0.00	141.00	1.50	0.100	211.50	21.15	LHS
3													
4													
5													
6													
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CARRIED FORWARD:											543.63	48.77	