

**R 02**

**PENYENGGARAAN  
BAHU JALAN  
(SHOULDER)**

DISTRICT : BEAUFORT  
ROUTE NO : 01 JALAN KOTA KINABALU - SINDUMIN  
LOCATION : CH89.504 (KM91.264) - RHS

### RO2 SHOULDER REPAIR



**BEFORE**



**IN PROGRESS**



**AFTER**

LINTASAN RESOURCES SDN. BHD.  
**SHOULDER REPAIR**  
**GRAND SUMMARY**

MONTH: OCTOBER 2009

DISTRICT	ROUTE NO	ROAD NAME	EARTH SHOULDER			GRAVEL SHOULDER					
			Previous	Current	Cumm.	Previous		Current		Cumm.	
			Area (m <sup>2</sup> )	Area (m <sup>2</sup> )	Area (m <sup>2</sup> )	Area (m <sup>2</sup> )	Vol (m <sup>3</sup> )	Area (m <sup>2</sup> )	Vol (m <sup>3</sup> )	Area (m <sup>2</sup> )	Vol (m <sup>3</sup> )
Kota Belud	01	Jalan Kota Kinabalu-Kudat	31,365.00	945.00	32,310.00	366.50	56.75	0.00	0.00	366.50	56.75
Kota Marudu	01	Jalan Kota Kinabalu-Kudat	2,000.00	1,320.00	3,320.00	1,073.07	170.64	0.00	0.00	1,073.07	170.64
Kudat	01	Jalan Kota Kinabalu-Kudat	2,300.00	0.00	2,300.00	73.60	11.04	0.00	0.00	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	17,401.60	2,610.24	17,401.60	2,610.24
	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	6,680.00	679.50	0.00	0.00	6,680.00	679.50
	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	1,013.15	0.00	1,013.15	240.00	60.00	0.00	0.00	240.00	60.00
Ranau	22	Jalan Kota Kinabalu-Sandakan	48,885.59	4,175.53	53,061.12	63.00	9.45	0.00	0.00	63.00	9.45
Tambunan	500	Jalan Kota Kinabalu-Keningau-Tenom	26,868.20	0.00	26,868.20	504.30	71.37	0.00	0.00	504.30	71.37
Keningau	500	Jalan Kota Kinabalu-Keningau-Tenom	7,528.70	0.00	7,528.70	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	3,702.90	3,065.80	6,768.70	3,974.80	361.49	2,059.00	169.98	6,033.80	531.47
	502	Jalan Beaufort-Menumbok	0.00	0.00	0.00	624.13	55.61	0.00	0.00	624.13	55.61
Sipitang	01	Jalan Kota Kinabalu-Sindumin	0.00	0.00	0.00	1,768.80	1,881.89	181.81	16.46	1,950.61	1,898.35
Kuala Penyu	502	Jalan Beaufort-Menumbok	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>TOTAL</b>			123,754.37	9,506.33	133,260.70	15,382.30	3,359.45	19,642.41	2,796.68	35,024.71	6,156.13

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

***SUMMARY- SHOULDER REPAIR RECORD***

MONTH : OCTOBER 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 <sup>2</sup> )	Area (m <sup>2</sup> )	Area (m <sup>2</sup> )	Area (m <sup>2</sup> )	Volume (m <sup>3</sup> )	Area (m <sup>2</sup> )	Volume (m <sup>3</sup> )	Area (m <sup>2</sup> )	Volume (m <sup>3</sup> )
1	Kota Belud	01	Jalan Kota Kinabalu - Kudat	31,365.00	945.00	32,310.00	366.50	56.75	-	-	366.50	56.75
2	Kota Marudu	01	Jalan Kota Kinabalu - Kudat	2,000.00	1,320.00	3,320.00	1,073.07	170.64	-	-	1,073.07	170.64
3	Kudat	01	Jalan Kota Kinabalu - Kudat	2,300.00	-	2,300.00	73.60	11.04	-	-	73.60	11.04
<b>TOTAL</b>				<b>35,665.00</b>	<b>2,265.00</b>	<b>37,930.00</b>	<b>1,513.17</b>	<b>238.43</b>	<b>-</b>	<b>-</b>	<b>1,513.17</b>	<b>238.43</b>

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: OCTOBER 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)	
<b>BROUGHT FORWARD:</b>							<b>31,365.00</b>				<b>366.50</b>	<b>56.75</b>	
1	14 Oct 09	107.780	180.050	270.00	3.50		945.00						LHS
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<b>BALANCE END OF OCT :</b>							<b>32,310.00</b>				<b>366.50</b>	<b>56.75</b>	

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: OCTOBER 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)	
<b>BROUGHT FORWARD:</b>				-	-	-	<b>2,000.00</b>	-	-	-	<b>1073.07</b>	<b>170.64</b>	
1	20 Oct 09	131.180	131.350	170.00	4.00		680.00						RHS
2	21 Oct 09	131.280	131.440	160.00	4.00		640.00						LHS
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<b>BALANCE END OF OCT :</b>							<b>3,320.00</b>				<b>1,073.07</b>	<b>170.64</b>	

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: OCTOBER 2009

ITEM	DATE	CHAINAGE		EARTH SHOULDER				GRAVEL SHOULDER					REMARKS	
				Length	Width	Depth	Area	Length	Width	Depth	Area	Volume		
		From	To	(m)	(m)	(m)	(m2)	(m)	(m)	(m)	(m2)	(m3)		
<b>BROUGHT FORWARD:</b>				-	-	-	2,300.00	-	-	-	73.6	11.04		
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<b>BALANCE END OF OCT :</b>							2,300.00				73.60	11.04		

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

***SUMMARY- SHOULDER REPAIR RECORD***

*Month: October 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 <sup>2</sup> )	Area (m <sup>2</sup> )	Area (m <sup>2</sup> )	Area (m <sup>2</sup> )	Volume (m <sup>3</sup> )	Area (m <sup>2</sup> )	Volume (m <sup>3</sup> )	Area (m <sup>2</sup> )	Volume (m <sup>3</sup> )
1	Kota Kinabalu	01	Jalan Kota Kinabalu - Kudat	-	-	-	-	-	17,401.60	2,610.24	17,401.60	2,610.24
2	Tuaran	01	Jalan Kota Kinabalu - Kudat	-	-	-	-	-	-	-	-	-
3	Tuaran	22	Jalan Kota Kinabalu - Sandakan	-	-	-	-	-	-	-	-	-
4	Tuaran	503	Jalan Berungis - Kota Belud	-	-	-	-	-	-	-	-	-
5	Kota Kinabalu	606	Jalan Susur Sepangar Bay	-	-	-	-	-	-	-	-	-
6	Kota Kinabalu	607	Jalan Masuk Ke Pelabuhan Baru, KK	-	-	-	-	-	-	-	-	-
			<b>TOTAL</b>	-	-	-	-	-	<b>17,401.60</b>	<b>2,610.24</b>	<b>17,401.60</b>	<b>2,610.24</b>

**LINTASAN RESOURCES SDN. BHD.**  
MAINTENANCE OF FEDERAL ROADS - WEST COAST, SABAH  
**R02 SHOULDER REPAIR RECORD**

**DISTRICT:** KOTA KINABALU

**ROUTE NO.** 01

**ROAD NAME:** JALAN KOTA KINABALU - KUDAT

**MONTH:** OCTOBER 2009

ITEM	DATE	CHAINAGE		EARTH SHOULDER				GRAVEL SHOULDER					REMARKS
				Length (m)	Width (m)	Depth (m)	Area (m <sup>2</sup> )	Length (m)	Width (m)	Depth (m)	Area (m <sup>2</sup> )	Volume (m <sup>3</sup> )	
		From	To										
<b>BROUGHT FORWARD:</b>							<b>0.00</b>				<b>0.00</b>	<b>0.00</b>	
1	05 Oct 09	10.800	10.930					130.00	3.70	0.15	481.00	72.15	LHS
2	05 Oct 09	10.950	11.800					850.00	2.30	0.15	1,955.00	293.25	LHS
3	05 Oct 09	11.200	11.500					300.00	2.70	0.15	810.00	121.50	LHS
4	05 Oct 09	11.650	11.700					50.00	4.00	0.15	200.00	30.00	LHS
5	05 Oct 09	11.750	11.790					40.00	4.00	0.15	160.00	24.00	LHS
6	05 Oct 09	11.800	11.900					100.00	4.10	0.15	410.00	61.50	LHS
7	05 Oct 09	11.300	10.900					400.00	7.70	0.15	3,080.00	462.00	RHS
8	05 Oct 09	11.450	11.320					130.00	2.40	0.15	312.00	46.80	RHS
9	05 Oct 09	11.600	12.080					480.00	2.20	0.15	1,056.00	158.40	RHS
10	12 Oct 09	12.800	12.830					30.00	6.00	0.15	180.00	27.00	LHS
11	12 Oct 09	12.930	13.000					70.00	3.00	0.15	210.00	31.50	LHS
12	12 Oct 09	13.100	13.210					110.00	6.60	0.15	726.00	108.90	LHS
13	12 Oct 09	13.340	13.360					20.00	6.60	0.15	132.00	19.80	LHS
14	12 Oct 09	13.400	13.520					120.00	7.00	0.15	840.00	126.00	LHS
15	12 Oct 09	13.580	13.640					60.00	3.00	0.15	180.00	27.00	LHS
16	12 Oct 09	13.800	13.900					100.00	1.20	0.15	120.00	18.00	LHS
17	12 Oct 09	12.080	12.230					15.00	2.20	0.15	33.00	4.95	RHS
18	12 Oct 09	12.300	12.400					10.00	3.60	0.15	36.00	5.40	RHS
19	12 Oct 09	12.450	12.617					17.00	4.00	0.15	68.00	10.20	RHS
20	12 Oct 09	13.080	13.150					70.00	6.30	0.15	441.00	66.15	RHS
21	20 Oct 09	14.080	14.130					50.00	3.00	0.15	150.00	22.50	LHS
22	20 Oct 09	14.420	14.550					130.00	2.00	0.15	260.00	39.00	LHS
23	20 Oct 09	14.640	14.660					20.00	4.00	0.15	80.00	12.00	LHS
24	20 Oct 09	16.520	16.720					200.00	3.00	0.15	600.00	90.00	LHS
25	20 Oct 09	17.500	18.160					660.00	3.00	0.15	1,980.00	297.00	LHS
26	20 Oct 09	16.600	16.920					32.00	6.70	0.15	214.40	32.16	RHS
27	20 Oct 09	17.600	18.340					74.00	2.00	0.15	148.00	22.20	RHS
28	30 Oct 09	18.160	18.840					680.00	2.20	0.15	1,496.00	224.40	LHS
29	30 Oct 09	18.840	19.290					450.00	1.70	0.15	765.00	114.75	LHS
30	30 Oct 09	18.340	18.800					45.70	2.00	0.15	91.40	13.71	RHS
<b>CARRIED FORWARD:</b>							<b>0.00</b>				<b>17,214.80</b>	<b>2,582.22</b>	

**LINTASAN RESOURCES SDN. BHD.**  
 MAINTENANCE OF FEDERAL ROADS - WEST COAST, SABAH  
**R02 SHOULDER REPAIR RECORD**

DISTRICT: KOTA KINABALU  
 ROUTE NO. 01  
 ROAD NAME: JALAN KOTA KINABALU - KUDAT  
 MONTH: OCTOBER 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)	
<b>BROUGHT FORWARD:</b>							<b>0.00</b>				<b>17,214.80</b>	<b>2,582.22</b>	
31	30 Oct 09	18.800	19.100					30.00	1.70	0.15	51.00	7.65	RHS
32	30 Oct 09	19.100	19.585					48.50	2.80	0.15	135.80	20.37	RHS
<b>TOTAL:</b>							<b>0.00</b>				<b>17,401.60</b>	<b>2,610.24</b>	

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

***SUMMARY- SHOULDER REPAIR RECORD***

Month : October 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 <sup>2</sup> )	Area (m <sup>2</sup> )	Area (m <sup>2</sup> )	Area (m <sup>2</sup> )	Volume (m <sup>3</sup> )	Area (m <sup>2</sup> )	Volume (m <sup>3</sup> )	Area (m <sup>2</sup> )	Volume (m <sup>3</sup> )
1	Ranau	22	Jalan Kota Kinabalu - Sandakan	48,885.59	4,175.53	53,061.12	63.00	9.45	-	-	63.00	9.45
			<b>TOTAL</b>	<b>48,885.59</b>	<b>4,175.53</b>	<b>53,061.12</b>	<b>63.00</b>	<b>9.45</b>	<b>-</b>	<b>-</b>	<b>63.00</b>	<b>9.45</b>

**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:** October 2009

ITEM	DATE	CHAINAGE		EARTH SHOULDER				GRAVEL SHOULDER					REMARKS
		From	To	Length (m)	Width (m)	Depth (m)	Area (m <sup>2</sup> )	Length (m)	Width (m)	Depth (m)	Area (m <sup>2</sup> )	Volume (m <sup>3</sup> )	
<b>BROUGHT FORWARD FROM SEPTEMBER 2009:</b>						<b>48,885.59</b>				<b>63.00</b>	<b>9.45</b>		
1	01/Oct/09	127.800	127.986	186.00	4.60		855.60					LHS	
2	01/Oct/09	127.600	127.636	36.50	3.70		135.05					LHS	
3	02/Oct/09	129.300	129.388	88.10	2.60		229.06					LHS	
4	03/Oct/09	129.200	129.296	96.70	2.20		212.74					LHS	
5	03/Oct/09	129.000	129.102	102.00	2.20		224.40					RHS	
6	06/Oct/09	128.900	129.036	136.80	2.20		300.96					LHS	
7	07/Oct/09	128.900	129.008	108.00	2.00		216.00					RHS	
8	10/Oct/09	128.600	128.648	48.00	3.20		153.60					LHS	
9	10/Oct/09	128.600	128.626	26.60	3.40		90.44					RHS	
10	11/Oct/09	128.300	129.120	82.30	2.40		197.52					RHS	
11	13/Oct/09	128.100	128.145	45.00	3.20		144.00					RHS	
12	14/Oct/09	127.900	127.952	52.40	4.20		220.08					LHS	
13	15/Oct/09	127.900	127.945	45.00	2.20		99.00					RHS	
14	17/Oct/09	127.600	127.668	68.00	3.60		244.80					RHS	
15	22/Oct/09	127.100	127.196	96.50	3.20		308.80					RHS	
16	24/Oct/09	126.900	126.942	42.30	3.40		143.82					LHS	
17	24/Oct/09	126.900	126.936	36.40	3.20		116.48					RHS	
18	25/Oct/09	126.800	126.852	52.30	2.60		135.98					LHS	
19	26/Oct/09	126.600	126.646	46.00	3.20		147.20					RHS	
<b>CARRIED FORWARD:</b>						<b>53,061.12</b>				<b>63.00</b>	<b>9.45</b>		

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

**SUMMARY- SHOULDER REPAIR RECORD**

Month: OCTOBER 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 <sup>2</sup> )	Area (m <sup>2</sup> )	Area (m <sup>2</sup> )	Area (m <sup>2</sup> )	Volume (m <sup>3</sup> )	Area (m <sup>2</sup> )	Volume (m <sup>3</sup> )	Area (m <sup>2</sup> )	Volume (m <sup>3</sup> )
1	Kota Kinabalu	01	Jalan Kota Kinabalu - Sindumin	-	-	-	-	-	-	-	-	-
2	Penampang	01	Jalan Kota Kinabalu - Sindumin	90.83	-	90.83	6,680.00	679.50	-	-	6,680.00	679.50
3	Papar	01	Jalan Kota Kinabalu - Sindumin	1,013.15	-	1,013.15	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	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>				<b>1,103.98</b>	<b>-</b>	<b>1,103.98</b>	<b>6,920.00</b>	<b>739.50</b>	<b>-</b>	<b>-</b>	<b>6,920.00</b>	<b>739.50</b>

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: OCTOBER 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)	
		<b>BROUGHT FORWARD:</b>					<b>90.83</b>				<b>6,680.00</b>	<b>679.50</b>	
<b>TOTAL:</b>							<b>90.83</b>				<b>6,680.00</b>	<b>679.50</b>	

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: OCTOBER 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)	
		<b>BROUGHT FORWARD:</b>					1,013.15				240.00	60.00	
<b>TOTAL:</b>							1,013.15				240.00	60.00	

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

***SUMMARY - SHOULDER REPAIR RECORD***

Month : OCTOBER 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 <sup>2</sup> )	Area (m <sup>2</sup> )	Area (m <sup>2</sup> )	Area (m <sup>2</sup> )	Volume (m <sup>3</sup> )	Area (m <sup>2</sup> )	Volume (m <sup>3</sup> )	Area (m <sup>2</sup> )	Volume (m <sup>3</sup> )
1	TAMBUNAN	500	Jalan Kota Kinabalu - Keningau - Tenom	26,868.20	-	26,868.20	504.30	71.37	-	-	504.30	71.37
2	KENINGAU	500	Jalan Kota Kinabalu - Keningau - Tenom	7,528.70	-	7,528.70	14.10	1.71	-	-	14.10	1.71
3	TENOM	500	Jalan Kota Kinabalu - Keningau - Tenom	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>				<b>34,396.90</b>	<b>-</b>	<b>34,396.90</b>	<b>518.40</b>	<b>73.08</b>	<b>-</b>	<b>-</b>	<b>518.40</b>	<b>73.08</b>

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: October 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)	
<b>BROUGHT FORWARD:</b>							26,868.20				504.30	71.37	
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30													
<b>TOTAL</b>							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: October 2009

ITEM	DATE	CHAINAGE		EARTH SHOULDER				GRAVEL SHOULDER					REMARKS
		From	To	Length (m)	Width (m)	Depth (m)	Area (m <sup>2</sup> )	Length (m)	Width (m)	Depth (m)	Area (m <sup>2</sup> )	Volume (m <sup>3</sup> )	
<b>BROUGHT FORWARD:</b>							7,528.70				14.10	1.71	
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<b>TOTAL :</b>							7,528.70				14.10	1.71	

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

***SUMMARY- SHOULDER REPAIR RECORD***

Month : OCTOBER 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 <sup>2</sup> )	Area (m <sup>2</sup> )	Area (m <sup>2</sup> )	Area (m <sup>2</sup> )	Volume (m <sup>3</sup> )	Area (m <sup>2</sup> )	Volume (m <sup>3</sup> )	Area (m <sup>2</sup> )	Volume (m <sup>3</sup> )
1	Beaufort	01	Jalan Kota Kinabalu - Sindumin	3,702.90	3,065.80	6,768.70	3,974.80	361.59	2,059.00	169.98	6,033.80	531.57
2	Beaufort	502	Jalan Beaufort - Menumbok	-	-	-	624.13	55.61	-	-	624.13	55.61
3	Sipitang	01	Jalan Kota Kinabalu - Sindumin	-	-	-	1,768.80	185.11	181.81	16.46	1,950.61	201.57
4	Kuala Penyu	502	Jalan Beaufort - Menumbok	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>				<b>3,702.90</b>	<b>3,690.50</b>	<b>3,702.90</b>	<b>6,367.73</b>	<b>602.31</b>	<b>2,240.81</b>	<b>186.44</b>	<b>8,608.54</b>	<b>788.75</b>

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: OCTOBER 2009

ITEM	DATE	CHAINAGE		EARTH SHOULDER				GRAVEL SHOULDER					REMARKS
		From	To	Length (m)	Width (m)	Depth (m)	Area (m <sup>2</sup> )	Length (m)	Width (m)	Depth (m)	Area (m <sup>2</sup> )	Volume (m <sup>3</sup> )	
<b>BROUGHT FORWARD:</b>				-	-	-	<b>3,702.90</b>	-	-	-	<b>3974.80</b>	<b>361.59</b>	
1	05-Oct-09	86.574	86.609					35.00	2.70	0.090	94.50	8.50	RHS
2	05-Oct-09	87.071	87.091					20.00	2.60	0.085	52.00	4.42	RHS
3	05-Oct-09	87.273	87.304					31.00	3.00	0.082	93.00	7.63	LHS
4	05-Oct-09	87.372	87.494					122.00	3.10	0.080	378.20	30.26	RHS
5	05-Oct-09	87.379	87.391					12.00	3.00	0.090	36.00	3.24	LHS
6	05-Oct-09	88.724	88.727					3.00	2.00	0.075	6.00	0.45	LHS
7	06-Oct-09	89.171	89.271					100.00	3.00	0.090	300.00	27.00	LHS
8	06-Oct-09	89.276	89.317					41.00	2.90	0.080	118.90	9.51	LHS
9	06-Oct-09	89.472	89.538					66.00	1.80	0.080	118.80	9.50	LHS
10	06-Oct-09	89.474	89.537					63.00	1.00	0.075	63.00	4.73	RHS
11	06-Oct-09	89.773	89.783					10.00	2.60	0.070	26.00	1.82	LHS
12	06-Oct-09	89.978	89.990					12.00	2.90	0.068	34.80	2.37	RHS
13	07-Oct-09	90.772	90.872					100.00	2.00	0.072	200.00	14.40	RHS
14	07-Oct-09	90.775	90.841					66.00	3.00	0.083	198.00	16.43	LHS
15	07-Oct-09	91.174	91.265					91.00	1.60	0.090	145.60	13.10	LHS
16	07-Oct-09	91.372	91.421					49.00	1.00	0.080	49.00	3.92	LHS
17	07-Oct-09	91.373	91.402					29.00	2.00	0.090	58.00	5.22	RHS
18	07-Oct-09	93.015	93.023					8.00	3.00	0.090	24.00	2.16	RHS
19	07-Oct-09	93.016	93.021					5.00	2.10	0.080	10.50	0.84	LHS
20	07-Oct-09	93.073	93.090					17.00	3.10	0.085	52.70	4.48	LHS
21	12-Oct-09	89.329	89.342	13.00	2.90	0.080	37.70						RHS
22	12-Oct-09	89.504	89.538	34.00	3.00	0.090	102.00						LHS
23	12-Oct-09	89.523	89.682	159.00	3.40	0.750	540.60						RHS
24	12-Oct-09	89.612	89.660	48.00	1.60	0.090	76.80						LHS
25	12-Oct-09	89.810	89.813	3.00	2.90	0.080	8.70						LHS
26	12-Oct-09	89.906	90.005	99.00	3.20	0.780	316.80						LHS
27	12-Oct-09	89.909	89.910	1.00	1.00	0.730	1.00						LHS
28	13-Oct-09	90.006	90.033	27.00	3.10	0.080	83.70						RHS
29	13-Oct-09	90.039	90.041	2.00	3.00	0.085	6.00						RHS
30	13-Oct-09	90.030	90.031	1.00	1.00	0.090	1.00						LHS
<b>CARRIED FORWARD:</b>							<b>4,877.20</b>				<b>6,033.80</b>	<b>531.57</b>	

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: OCTOBER 2009

ITEM	DATE	CHAINAGE		EARTH SHOULDER				GRAVEL SHOULDER					REMARKS
		From	To	Length	Width	Depth	Area	Length	Width	Depth	Area	Volume	
				(m)	(m)	(m)	(m <sup>2</sup> )	(m)	(m)	(m)	(m <sup>2</sup> )	(m <sup>3</sup> )	
<b>BROUGHT FORWARD:</b>				-	-	-	<b>4,877.20</b>	-	-	-	<b>6033.80</b>	<b>531.57</b>	
31	13-Oct-09	90.042	90.043	1.00	1.00	0.100	1.00						LHS
32	13-Oct-09	90.223	90.268	45.00	2.80	0.095	126.00						LHS
33	13-Oct-09	90.492	90.507	15.00	3.00	0.083	45.00						RHS
34	13-Oct-09	90.512	90.523	11.00	3.50	0.078	38.50						RHS
35	13-Oct-09	90.513	90.523	10.00	2.90	0.090	29.00						LHS
36	13-Oct-09	90.704	90.706	2.00	1.00	0.076	2.00						RHS
37	13-Oct-09	91.308	91.344	36.00	3.00	0.082	108.00						RHS
38	13-Oct-09	92.004	92.009	5.00	4.00	0.090	20.00						RHS
39	13-Oct-09	92.019	92.025	6.00	2.00	0.090	12.00						RHS
40	14-Oct-09	92.029	92.039	10.00	1.00	0.080	10.00						LHS
41	14-Oct-09	92.116	92.128	12.00	2.00	0.090	24.00						RHS
42	14-Oct-09	93.723	93.784	61.00	2.00	0.085	122.00						RHS
43	14-Oct-09	93.733	93.790	57.00	2.00	0.090	114.00						LHS
44	14-Oct-09	93.829	93.954	125.00	2.00	0.080	250.00						LHS
45	14-Oct-09	94.435	94.525	90.00	1.00	0.080	90.00						LHS
46	14-Oct-09	95.619	95.724	105.00	2.00	0.082	210.00						LHS
47	15-Oct-09	95.778	95.828	50.00	2.00	0.086	100.00						LHS
48	15-Oct-09	95.849	95.872	23.00	2.00	0.075	46.00						LHS
49	15-Oct-09	95.927	95.991	64.00	1.00	0.080	64.00						RHS
50	15-Oct-09	96.211	96.219	8.00	2.00	0.080	16.00						RHS
51	15-Oct-09	96.208	96.210	2.00	3.00	0.090	6.00						LHS
52	15-Oct-09	96.213	96.218	5.00	1.00	0.090	5.00						LHS
53	15-Oct-09	96.224	96.228	4.00	2.00	0.090	8.00						LHS
54	15-Oct-09	96.339	96.346	7.00	1.00	0.090	7.00						RHS
55	15-Oct-09	96.420	96.425	5.00	2.00	0.080	10.00						LHS
56	15-Oct-09	96.433	96.437	4.00	2.00	0.080	8.00						LHS
57	15-Oct-09	96.441	96.445	4.00	2.00	0.090	8.00						LHS
58	15-Oct-09	96.439	96.445	6.00	2.00	0.090	12.00						RHS
59	15-Oct-09	96.512	96.517	5.00	2.00	0.080	10.00						RHS
60	15-Oct-09	96.524	96.635	111.00	2.00	0.080	222.00						LHS
<b>CARRIED FORWARD:</b>							<b>6,600.70</b>				<b>6,033.80</b>	<b>531.57</b>	

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: OCTOBER 2009

ITEM	DATE	CHAINAGE		EARTH SHOULDER				GRAVEL SHOULDER					REMARKS
				Length	Width	Depth	Area	Length	Width	Depth	Area	Volume	
		From	To	(m)	(m)	(m)	(m <sup>2</sup> )	(m)	(m)	(m)	(m <sup>2</sup> )	(m <sup>3</sup> )	
<b>BROUGHT FORWARD:</b>				-	-	-	<b>6,600.70</b>	-	-	-	<b>6033.80</b>	<b>531.57</b>	
61	16-Oct-09	96.807	96.811	4.00	1.00	0.090	4.00						LHS
62	16-Oct-09	96.810	96.813	3.00	1.00	0.090	3.00						RHS
63	16-Oct-09	96.815	96.820	5.00	1.00	0.085	5.00						RHS
64	16-Oct-09	96.844	96.848	4.00	1.00	0.088	4.00						LHS
65	16-Oct-09	96.846	96.848	2.00	1.00	0.090	2.00						RHS
66	16-Oct-09	96.944	96.947	3.00	2.00	0.100	6.00						LHS
67	16-Oct-09	97.124	97.130	6.00	2.00	0.083	12.00						LHS
68	16-Oct-09	97.125	97.130	5.00	2.00	0.090	10.00						RHS
69	16-Oct-09	97.133	97.137	4.00	1.00	0.080	4.00						LHS
70	16-Oct-09	97.204	97.210	6.00	2.00	0.078	12.00						LHS
71	16-Oct-09	97.224	97.227	3.00	2.00	0.080	6.00						LHS
72	16-Oct-09	97.620	97.624	4.00	1.00	0.090	4.00						RHS
73	19-Oct-09	97.804	97.813	9.00	2.00	0.090	18.00						LHS
74	19-Oct-09	97.833	97.843	10.00	2.00	0.090	20.00						LHS
75	19-Oct-09	97.854	97.859	5.00	1.00	0.090	5.00						LHS
76	19-Oct-09	97.920	97.933	13.00	3.00	0.100	39.00						LHS
77	19-Oct-09	98.412	98.415	3.00	1.00	0.110	3.00						LHS
78	19-Oct-09	98.436	98.438	2.00	2.00	0.100	4.00						LHS
79	19-Oct-09	98.444	98.448	4.00	1.00	0.095	4.00						LHS
80	19-Oct-09	98.608	98.609	1.00	1.00	0.090	1.00						RHS
81	19-Oct-09	98.623	98.625	2.00	1.00	0.090	2.00						RHS
82													
83													
84													
85													
86													
87													
88													
89													
90													
<b>CARRIED FORWARD:</b>							<b>6,768.70</b>				<b>6,033.80</b>	<b>531.57</b>	

**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:** OCTOBER 2009

ITEM	DATE	CHAINAGE		EARTH SHOULDER				GRAVEL SHOULDER					REMARKS
				Length (m)	Width (m)	Depth (m)	Area (m <sup>2</sup> )	Length (m)	Width (m)	Depth (m)	Area (m <sup>2</sup> )	Volume (m <sup>3</sup> )	
		From	To										
<b>BROUGHT FORWARD:</b>				-	-	-	<b>0.00</b>	-	-	-	<b>1,768.80</b>	<b>185.11</b>	-
1	20-Oct-09	138.148	138.149					1.00	4.00	0.200	4.00	0.80	LHS
2	20-Oct-09	138.205	138.206					1.00	2.00	0.070	2.00	0.14	RHS
3	20-Oct-09	138.206	138.207					1.00	2.00	0.075	2.00	0.15	RHS
4	20-Oct-09	138.207	138.208					1.00	2.00	0.080	2.00	0.16	RHS
5	20-Oct-09	138.208	138.209					1.00	1.00	0.080	1.00	0.08	RHS
6	20-Oct-09	138.212	138.213					1.00	2.00	0.090	2.00	0.18	RHS
7	20-Oct-09	138.226	138.227					1.00	3.00	0.100	3.00	0.30	RHS
8	20-Oct-09	138.308	138.309					1.00	1.00	0.080	1.00	0.08	LHS
9	20-Oct-09	138.320	138.322					2.00	1.00	0.090	2.00	0.18	LHS
10	20-Oct-09	138.324	138.326					2.00	1.00	0.090	2.00	0.18	LHS
11	20-Oct-09	138.406	138.410					4.00	4.00	0.080	16.00	1.28	LHS
12	21-Oct-09	138.420	138.421					1.00	3.00	0.090	3.00	0.27	LHS
13	21-Oct-09	138.428	138.430					2.00	2.00	0.100	4.00	0.40	LHS
14	21-Oct-09	138.434	138.435					1.00	2.00	0.100	2.00	0.20	LHS
15	21-Oct-09	138.444	138.445					1.00	2.00	0.090	2.00	0.18	LHS
16	21-Oct-09	138.616	138.617					1.00	3.00	0.090	3.00	0.27	LHS
17	21-Oct-09	139.908	139.916					8.00	5.00	0.090	40.00	3.60	RHS
18	21-Oct-09	139.912	139.915					3.00	2.00	0.080	6.00	0.48	RHS
19	21-Oct-09	140.204	140.207					3.00	3.00	0.090	9.00	0.81	RHS
20	21-Oct-09	140.208	140.209					1.00	3.00	0.080	3.00	0.24	RHS
21	21-Oct-09	140.212	140.213					1.00	1.00	0.090	1.00	0.09	RHS
22	21-Oct-09	140.224	140.232					8.00	6.00	0.090	48.00	4.32	RHS
23	21-Oct-09	140.227	140.230					3.00	4.00	0.100	12.00	1.20	RHS
24	27-Oct-09	146.410	146.411					1.00	0.60	0.085	0.60	0.05	LHS
25	27-Oct-09	146.412	146.414					1.50	0.70	0.090	1.05	0.09	LHS
26	27-Oct-09	146.430	146.431					1.20	0.70	0.075	0.84	0.06	LHS
27	27-Oct-09	146.433	146.434					1.00	0.50	0.070	0.50	0.04	LHS
28	27-Oct-09	146.440	146.442					1.80	2.30	0.065	4.14	0.27	LHS
29	27-Oct-09	146.445	146.447					1.50	1.00	0.080	1.50	0.12	LHS
30	27-Oct-09	146.451	146.452					1.30	1.10	0.080	1.43	0.11	LHS
<b>CARRIED FORWARD:</b>							<b>0.00</b>				<b>1,948.86</b>	<b>201.45</b>	

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: OCTOBER 2009

ITEM	DATE	CHAINAGE		EARTH SHOULDER				GRAVEL SHOULDER					REMARKS
		From	To	Length (m)	Width (m)	Depth (m)	Area (m <sup>2</sup> )	Length (m)	Width (m)	Depth (m)	Area (m <sup>2</sup> )	Volume (m <sup>3</sup> )	
<b>BROUGHT FORWARD:</b>				-	-	-	0.00	-	-	-	1,948.86	201.45	-
31	27-Oct-09	146.459	146.460					1.40	1.00	0.068	1.40	0.10	LHS
32	27-Oct-09	146.478	146.479					0.70	0.50	0.075	0.35	0.03	LHS
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<b>CARRIED FORWARD:</b>							0.00				1,950.61	201.57	

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: OCTOBER 2009

ITEM	DATE	CHAINAGE		EARTH SHOULDER				GRAVEL SHOULDER					REMARKS	
		From	To	Length	Width	Depth	Area	Length	Width	Depth	Area	Volume		
				(m)	(m)	(m)	(m <sup>2</sup> )	(m)	(m)	(m)	(m <sup>2</sup> )	(m <sup>3</sup> )		
<b>BROUGHT FORWARD:</b>				-	-	-	0.00	-	-	-	624.13	55.61	-	
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<b>CARRIED FORWARD:</b>							0.00				624.13	55.61		