

FEATURE GROUP				F-CODE			
	1K	10K	50K	L1	L2	L3	L4
Landuse	P	P	P	10	*	*	*
Residential				10	01	00	00
General Housing			P	10	01	01	00
Low				10	01	01	01
Medium				10	01	01	02
High				10	01	01	03
Special Housing				10	01	02	00
Hotel				10	01	02	01
Service Apartment				10	01	02	02
Hostel				10	01	02	03
Palace				10	01	02	04
Rest House				10	01	02	05
Other Residential				10	01	03	00
Residential Institution				10	01	03	01
Rectangular Houses				10	01	03	02
Government Accommodation (Flats)				10	01	03	03
Rumah Panjang				10	01	03	04
Detached House				10	01	03	05
Semi Detached House				10	01	03	06
Terrace				10	01	03	07
Labour Quarters				10	01	03	08
Private Accommodation (Flats)				10	01	03	09
Government Housing				10	01	03	10
Private Housing				10	01	03	11
Commercial	P	P	P	10	02	00	00
Retail Shop & Services				10	02	01	00
Supermarket				10	02	01	01
Department Store				10	02	01	02
Individual Shop				10	02	01	03
Hairdressers				10	02	01	04
Travel Agent				10	02	01	05
Dry Cleaner				10	02	01	06
Tailor				10	02	01	07
Baker				10	02	01	08
Shophouses				10	02	01	09
Restaurant				10	02	02	00
Coffee Shop				10	02	02	01
Fast Food Store				10	02	02	02
Canteen / Tuckshop / Dining Hall				10	02	02	03
Food Court				10	02	02	04
Market/Hawker Stall				10	02	03	00
Retail Showroom				10	02	04	00
Furniture				10	02	04	01
Carpet				10	02	04	02
Tiles				10	02	04	03
Cars				10	02	04	04
Offices				10	02	05	00
Professional Services				10	02	05	01
Insurance Agent				10	02	05	02

FEATURE GROUP				F-CODE			
	1K	10K	50K	L1	L2	L3	L4
Banks				10	02	06	00
ATM				10	02	06	01
Medical Specialist Room				10	02	07	00
Dentist				10	02	07	01
Doctor				10	02	07	02
Optician				10	02	07	03
Private Tuition Centre				10	02	08	00
Computer School				10	02	08	01
Music School				10	02	08	02
Leisure Activities				10	02	09	00
Fitness Centre				10	02	09	01
Snooker Hall				10	02	09	02
Amusement Centre				10	02	09	03
Recreation Centre				10	02	09	04
Sport Facilities				10	02	09	05
Petrol Filling Station				10	02	10	00
Plant Nursery				10	02	11	00
Public Entertainment				10	02	12	00
Multi Story Office				10	02	13	00
Mixed Use				10	02	14	00
50% Commercial 50% Residential				10	02	14	01
25% Commercial 75% Residential				10	02	14	02
75% Commercial 25% Residential				10	02	14	03
Garbage Disposal				10	02	15	00
Industrial	P	P	P	10	03	00	00
Wholesale / Storage				10	03	01	00
Wholesale / Retail Warehouse				10	03	01	01
Storage Yard				10	03	01	02
Workshop				10	03	02	00
Car Repair and Servicing				10	03	02	01
Tyre Fitter				10	03	02	02
Car Wash				10	03	02	03
Furniture Making				10	03	02	04
Printing Shop				10	03	02	05
Metalwork Workshop				10	03	02	06
Light Industry				10	03	03	00
Motor Vehicle Dealer				10	03	03	01
General Industry				10	03	04	00
Bakery / Food Preparation				10	03	04	01
Garment Manufacturer				10	03	04	02
Bottling Plant / Food Processing				10	03	04	03
Sawmill / Timber Processing				10	03	04	04
Brickwork / Brick Klin				10	03	04	05
BSP Industrial Area				10	03	04	06

FEATURE GROUP				F-CODE						
				1K	10K	50K	L1	L2	L3	L4
			Oil and Gas Refinery				10	03	04	07
			Industrial Processing				10	03	04	08
			Factory				10	03	04	09
			Construction Sites				10	03	04	10
			Timber Industries				10	03	04	11
			Quarry				10	03	05	00
			Sand Mining				10	03	05	01
			Coarse Aggregate Extraction				10	03	05	02
			Aggregate Washing				10	03	05	03
			Welfare, Community & Leisure Facilities	P	P	P	10	04	00	00
			Education Facility				10	04	01	00
			Kindergarten				10	04	01	01
			Primary School				10	04	01	02
			Secondary School				10	04	01	03
			Technical College				10	04	01	04
			Vocational Training				10	04	01	05
			Religious School				10	04	01	06
			Institute				10	04	01	07
			University				10	04	01	08
			Other Educational Establishment				10	04	01	09
			Health Facilities				10	04	02	00
			Clinic				10	04	02	01
			Health Centre				10	04	02	02
			Hospital				10	04	02	03
			Rehabilitation Centre				10	04	02	04
			Private Health Clinic				10	04	02	05
			Post Office				10	04	03	00
			Community Centre				10	04	04	00
			Balai Raya				10	04	04	01
			Community Hall/Dewan Kemesyarakatan				10	04	04	02
			Cultural Facilities				10	04	05	00
			Art Gallery				10	04	05	01
			Library				10	04	05	02
			Museum				10	04	05	03
			Theatre				10	04	05	04
			Cinema				10	04	05	05
			Exhibition Hall				10	04	05	06
			Concert Hall				10	04	05	07
			Place for sighting Moon				10	04	05	08
			Sport & Leisure Buildings				10	04	06	00
			Stadium				10	04	06	01
			Gymnasium				10	04	06	02
			Swimming Pool				10	04	06	03
			Bowling Alley				10	04	06	04
			Sports Centre Level 4				10	04	06	05
			Sports Centre Level 3				10	04	06	06
			Athletic Track				10	04	06	07
			Golf Clubhouse				10	04	06	08
			Grandstand				10	04	06	09
			Football Pitch				10	04	06	10

FEATURE GROUP				F-CODE			
	1K	10K	50K	L1	L2	L3	L4
		Windsurfing Clubhouse					
		Places of Worship					
		Mosque					
		Surau					
		Kuil / Hindu Temple					
		Church					
		Wat / Buddhist Temple					
		Others					
		Cemetery					
		Muslim					
		Buddha					
		Christian					
		Hindu					
		International					
		Archeological Feature					
		Makam					
		Iban					
		Dusun					
		Crematorium					
		Dome					
		Open Space					
		Recreation					
		Playing Field					
		Park					
		Golf Course					
		Children's Play Area					
		Marina					
		Amenity					
		Private Garden					
		Soft Landscape Centre					
		Amenity Centre					
		Highway Verge					
		Open Stage					
		Cement					
		Sand					
		Government Use					
		Government Office					
		District Office					
		Government Depot					
		Fire Station					
		Police Station					
		Military Security					
		Palace					
		Prison					
		Firing Range					

FEATURE GROUP				F-CODE			
	1K	10K	50K	L1	L2	L3	L4
Military Buildings				10	06	05	04
Stesen Uji Kaji Pertanian				10	06	06	00
Stesen Kastam				10	06	07	00
Barracks				10	06	08	00
Public Toilet				10	06	09	00
Guard House (Police, Security, Parking etc)				10	06	10	00
Store				10	06	11	00
Stesyen Imigresen				10	06	12	00
Road & Utilities				10	07	00	00
Road & Footpath				10	07	01	00
Paved Area	P	P	P	10	07	01	01
Unpaved Road	P	L	L	10	07	01	02
Road Reserve	P	L	L	10	07	01	03
Car Park				10	07	02	00
Surface Car Park	P	PX	X	10	07	02	01
Multi Story Car Park	P	PX	P	10	07	02	02
Other Transport Uses				10	07	03	00
Bus Station	P	P		10	07	03	01
Taxi Rank	P	X	X	10	07	03	02
Jetty	P	PL	PL	10	07	03	03
Airfield	P	P		10	07	03	04
Wharf	P	P		10	07	03	05
International Airport	P	P	P	10	07	03	06
Anduki Airfield	P	P	P	10	07	03	07
Airstrip	P	P		10	07	03	08
Helipad	P	P	X	10	07	03	09
Terminal	P	P	P	10	07	03	10
Hangar	P	P	P	10	07	03	11
Roadside Bus Stop	P	X	X	10	07	03	12
Airport Terminal	P	P	P	10	07	03	13
Ferry Terminal	P	P	P	10	07	03	14
Port Terminal	P	P	P	10	07	03	15
Garage	P			10	07	03	16
Walkway (roof)	P			10	07	03	17
Utilities				10	07	04	00
Power Station	P	P	P	10	07	04	01
Power Substation	P			10	07	04	02
Sewerage Treatment / Oxidation Pond	P	P	P	10	07	04	03
Reservoir	P	P	P	10	07	04	04
Major Drain / Main Drain	P	P	P	10	07	04	05
Telephone Exchange				10	07	04	06
Water Tank	P	P	P	10	07	04	07
Radio Mast				10	07	04	08
Transmitter Tower				10	07	04	09
Lighthouse				10	07	04	10
Power Transformer				10	07	04	11

FEATURE GROUP				F-CODE						
				1K	10K	50K	L1	L2	L3	L4
			Power Transmission Wayleave				10	07	04	12
			Power Station Pylons				10	07	04	13
			Satellite Station				10	07	04	14
			Service Reservoir	P			10	07	04	15
			Radio Room	P			10	07	04	16
			Chiller Room	P			10	07	04	17
			Gas Marker				10	07	04	18
			Water & Coastal Feature				10	10	00	00
			Water Feature				10	10	01	00
			Water Courses				10	10	01	01
			Lake				10	10	01	02
			Coastal Feature				10	10	02	00
			Beach				10	10	02	01
			Mooring Bouys				10	10	02	02
			Island	P	P	P	10	10	03	00
Zoning				P	P	P	11	*	*	*
			Residential				11	01	00	00
			Commercial				11	02	00	00
			Industrial				11	03	00	00
			Welfare, Community & Leisure Facilities				11	04	00	00
			Open space				11	05	00	00
			Government Use				11	06	00	00
			Roads and Transport				11	07	00	00
			Natural Vegetation				11	08	00	00
			Agriculture				11	09	00	00
			Water and Coastal Features				11	10	00	00
			Environment Protection Zone				11	11	00	00
			Forest Reserves				11	12	00	00
			Utilities / Wayleaves				11	13	00	00
Building				P	PX	PX	15	*	*	*
			Permanent	P	P	PX	15	00	00	00
			Residential	P	P	PX	15	01	00	00
			Damaged by fire	P	P	PX	15	01	00	01
			Collapse	P	P	PX	15	01	00	02
			Damaged	P	P	PX	15	01	00	03
			Derelict	P	P	PX	15	01	00	04
			Vacant	P	P	PX	15	01	00	05
			Under Construction	P	P	PX	15	01	00	06
			Temporary	P	P	PX	15	01	00	07
			Demolished	P	P	PX	15	01	00	08
			General Housing	P	P		15	01	01	00
			Low				15	01	01	01
			Medium				15	01	01	02
			High				15	01	01	03
			Special Housing	P	PX	PX	15	01	02	00
			Hotel	P	PX	PX	15	01	02	01
			Service Apartments	P	PX	PX	15	01	02	02
			Hostels	P	PX	PX	15	01	02	03
			Palace	P	PX	PX	15	01	02	04
			Rest House	P	PX	PX	15	01	02	05

FEATURE GROUP					F-CODE			
		1K	10K	50K	L1	L2	L3	L4
	Other Residential	P	PX	PX	15	01	03	00
	Residential Institution	P	PX	PX	15	01	03	01
	Rectangular Houses	P	PX	PX	15	01	03	02
	Government Accommodation (Flats)	P	PX	PX	15	01	03	03
	Longhouse / Rumahpanjang	P	PX	PX	15	01	03	04
	Detached House	P	PX	PX	15	01	03	05
	Semi Detached House	P	PX	PX	15	01	03	06
	Terrace	P	PX	PX	15	01	03	07
	Labour Quarters	P	PX	PX	15	01	03	08
	Private Accomodation (Flats)	P	PX	PX	15	01	03	09
	Government Housing	P	PX	PX	15	01	03	10
	Private Housing	P	PX	PX	15	01	03	11
	Commercial	P	PX	PX	15	02	00	00
	Retail Shop & Services	P	PX	PX	15	02	01	00
	Supermarket	P	PX	PX	15	02	01	01
	Department Store	P	PX	PX	15	02	01	02
	Individual Shop	P	PX	PX	15	02	01	03
	Hairdressers	P	PX	PX	15	02	01	04
	Travel Agent	P	PX	PX	15	02	01	05
	Dry Cleaner	P	PX	PX	15	02	01	06
	Tailor	P	PX	PX	15	02	01	07
	Bakery	P	PX	PX	15	02	01	08
	Shophouse	P	PX	PX	15	02	01	09
	Restaurant	P	PX	PX	15	02	02	00
	Coffee Shop	P	PX	PX	15	02	02	01
	Fast Food Store	P	PX	PX	15	02	02	02
	Canteen / Tuckshop / Dining Hall	P	PX	PX	15	02	02	03
	Food Court				15	02	02	04
	Market / Hawker Stall	P	P	P	15	02	03	00
	Retail Showroom	P	P	P	15	02	04	00
	Furniture	P	P	P	15	02	04	01
	Carpet	P	P	P	15	02	04	02
	Tiles	P	P	P	15	02	04	03
	Cars	P	P	P	15	02	04	04
	Offices	P	P	P	15	02	05	00
	Professional Services	P	P	P	15	02	05	01
	Insurance Agent	P	P	P	15	02	05	02
	Banks	P	P	P	15	02	06	00
	ATM	P	PX	X	15	02	06	01
	Medical Specialist Room	P	P	P	15	02	07	00
	Dentist	P	P	P	15	02	07	01
	Doctor	P	P	P	15	02	07	02
	Optican	P	P	P	15	02	07	03
	Private Tuition Centre	P	P	P	15	02	08	00
	Computer School	P	P	P	15	02	08	01
	Music School	P	P	P	15	02	08	02
	Leisures Activities	P	P	P	15	02	09	00

FEATURE GROUP				F-CODE						
				1K	10K	50K	L1	L2	L3	L4
			Fitness Centre	P	P	P	15	02	09	01
			Snooker Hall	P	P	P	15	02	09	02
			Amusement Centre	P	P	P	15	02	09	03
			Recreation Centre	P	P	P	15	02	09	04
			Sport Facilities	P	P	P	15	02	09	05
			Petrol Filling Station	P	P	P	15	02	10	00
			Plant Nusery	P	P	P	15	02	11	00
			Public Entertainment	P	P	P	15	02	12	00
			Multi Story Office	P	PX	PX	15	02	13	00
			Mixed Use	P	P	P	15	02	14	00
			50 % Commercial 50% Residential	P	PX	PX	15	02	14	01
			25 % Commercial 75% Residential	P	PX	PX	15	02	14	02
			75 % Commercial 25% Residential	P	PX	PX	15	02	14	03
			Garbage Disposal	P	PX	PX	15	02	15	00
			Industrial	P	PX	PX	15	03	00	00
			Wholesale / Storage	P	PX	PX	15	03	01	00
			Wholesale / Retail Warehouse	P	PX	PX	15	03	01	01
			Storage Yard	P	PX	PX	15	03	01	02
			Workshop	P	PX	PX	15	03	02	00
			Car Repair / Servicing	P	PX	PX	15	03	02	01
			Tyre Fitters	P	PX	PX	15	03	02	02
			Car Wash	P	PX	PX	15	03	02	03
			Furniture Making	P	PX	PX	15	03	02	04
			Printing Shop	P	PX	PX	15	03	02	05
			Metalworks Workshop	P	PX	PX	15	03	02	06
			Light Industry	P	PX	PX	15	03	03	00
			Motor Vehicle Dealer	P	PX	PX	15	03	03	01
			General Industry	P	PX	PX	15	03	04	00
			Bakery / Food Preparation	P	PX	PX	15	03	04	01
			Garment Manufacturer	P	PX	PX	15	03	04	02
			Bottling Plant / Food Processing	P	PX	PX	15	03	04	03
			Sawmill / Timber Processing	P	PX	PX	15	03	04	04
			Brickwork / Brick Kiln	P	PX	PX	15	03	04	05
			BSP Industrial Area	P	PX	PX	15	03	04	06
			Oil and Gas / Refinery	P	PX	PX	15	03	04	07
			Industrial Processing	P	PX	PX	15	03	04	08
			Factory	P	PX	PX	15	03	04	09
			Construction Sites	P	PX	PX	15	03	04	10
			Timber Industries	P	PX	PX	15	03	04	11
			Quarry	P	PX	PX	15	03	05	00
			Sand Mining	P	PX	PX	15	03	05	01
			Coarse Aggregate Extraction	P	PX	PX	15	03	05	02
			Aggregate Washing	P	PX	PX	15	03	05	03
			Welfare, Community & Leisure Facilities	P	PX	PX	15	04	00	00
			Education facility	P	PX	PX	15	04	01	00

FEATURE GROUP				F-CODE						
				1K	10K	50K	L1	L2	L3	L4
			Kindergarten	P	PX	PX	15	04	01	01
			Primary School	P	PX	PX	15	04	01	02
			Secondary School	P	PX	PX	15	04	01	03
			Technical College	P	PX	PX	15	04	01	04
			Religious School	P	PX	PX	15	04	01	06
			Institute	P	PX	PX	15	04	01	07
			University	P	PX	PX	15	04	01	08
			Other Education Establishment	P	PX	PX	15	04	01	09
			Health Facilities	P	PX	PX	15	04	02	00
			Clinic	P	PX	PX	15	04	02	01
			Health Centre	P	PX	PX	15	04	02	02
			Hospital	P	PX	PX	15	04	02	03
			Rehabilitation Centre	P	PX	PX	15	04	02	04
			Private Health Clinic	P	PX	PX	15	04	02	05
			Post Office	P	PX	PX	15	04	03	00
			Community Centre	P	PX	PX	15	04	04	00
			Balai Raya	P	PX	PX	15	04	04	01
			Dewan Kemasyarakatan	P	PX	PX	15	04	04	02
			Cultural Facilities	P	PX	PX	15	04	05	00
			Art Gallery	P	PX	PX	15	04	05	01
			Library	P	PX	PX	15	04	05	02
			Museum	P	PX	PX	15	04	05	03
			Theatre	P	PX	PX	15	04	05	04
			Cinema	P	PX	PX	15	04	05	05
			Exhibition Hall	P	PX	PX	15	04	05	06
			Concert Hall	P	PX	PX	15	04	05	07
			Place for sighting moon	P	PX	PX	15	04	05	08
			Sport & Leisure	P	PX	PX	15	04	06	00
			Stadium	P	PX	PX	15	04	06	01
			Gymnasium	P	PX	PX	15	04	06	02
			Swimming Pool	P	PX	PX	15	04	06	03
			Bowling Alley	P	PX	PX	15	04	06	04
			Sports Centre Level 4	P	PX	PX	15	04	06	05
			Sports Centre Level 3	P	PX	PX	15	04	06	06
			Athelitic Track	P	PX	PX	15	04	06	07
			Golf Clubhouse	P	PX	PX	15	04	06	08
			Grandstand	P	PX	PX	15	04	06	09
			Football Pitch	P	PX	PX	15	04	06	10
			Windsurfing Clubhouse	P	PX	PX	15	04	06	11
			Places of worship	P	PX	PX	15	04	07	00
			Mosque	P	PX	PX	15	04	07	01
			Surau	P	PX	PX	15	04	07	02
			Kuil / Hindu Temple	P	PX	PX	15	04	07	03
			Church	P	PX	PX	15	04	07	04
			Wat / Buddhist Temple	P	PX	PX	15	04	07	05
			Others	P	PX	PX	15	04	07	06
			Cemetery	P	P	PX	15	04	08	00
			Muslim	P	P	PX	15	04	08	01
			Budda	P	P	PX	15	04	05	02
			Christian	P	P	PX	15	04	08	03

FEATURE GROUP				F-CODE					
				1K	10K	50K	L1	L2	L3
		Hindu	P	P	PX	15	04	08	04
		International	P	P	PX	15	04	08	05
		Archeological Feature	P	P	PX	15	04	08	06
		Makam	P	P	PX	15	04	08	07
		Iban	P	P	PX	15	04	08	08
		Dusun	P	P	PX	15	04	08	09
		Crematorium	P	PX	PX	15	04	09	00
		Dome	P	PX	PX	15	04	10	00
		Open Space	P	P	PX	15	05	00	00
		Recreation	P	P	PX	15	05	01	00
		Playing Field	P	P	PX	15	05	01	01
		Park	P	P	PX	15	05	01	02
		Golf Course	P	P	PX	15	05	01	03
		Children's Play area	P	P	PX	15	05	01	04
		Marina	P	P	PX	15	05	01	05
		Amenity	P	P	P	15	05	02	00
		Private Garden	P	P	P	15	05	02	01
		Soft Landscape Centre	P	P	P	15	05	02	02
		Amenity Centre	P	P	P	15	05	02	03
		Highway Verge	P	P	P	15	05	02	04
		Open Stage	P	P	P	15	05	02	05
		Cement	P	P	P	15	05	03	00
		Government use	P	PX	PX	15	06	00	00
		Government Office	P	PX	PX	15	06	01	00
		District Office	P	PX	PX	15	06	01	01
		Government Depot	P	PX	P	15	06	02	00
		Fire Station	P	PX	P	15	06	03	00
		Police Station	P	PX	P	15	06	04	00
		Military Security	P	P	P	15	06	05	00
		Palace / Istana	P	P	P	15	06	05	01
		Prison	P	P	P	15	06	05	02
		Firing Range	P	PL	P	15	06	05	03
		Military Buildings	P	P	P	15	06	05	04
		Stesyen Uji Kaji Pertanian	P	P	P	15	06	06	00
		Stesyen Kastam	P	P	P	15	06	07	00
		Barracks	P	P	PX	15	06	08	00
		Public Toilet (Tandas Awam)	P	PX	PX	15	06	09	00
		Guard House (Police, Security,Parking, etc)	P	PX	PX	15	06	10	00
		Store	P	PX	PX	15	06	11	00
		Stesyen Imigresen	P	PX	PX	15	16	12	00

FEATURE GROUP				F-CODE			
	1K	10K	50K	L1	L2	L3	L4
Road & Utilities				15	07	00	00
Transportation	P	PX	PX	15	07	02	00
Surface Car Park	P	PX	PX	15	07	02	01
Multi Story Car Park	P	PX	PX	15	07	02	02
Other Transport Uses	P	PX	PX	15	07	03	00
Bus Station	P	PX		15	07	03	01
Taxi Rank	P	PX		15	07	03	02
Jetty	P	PX		15	07	03	03
International Airport	P	PX	P	15	07	03	06
Terminal	P	P	P	15	07	03	10
Airport Hangers	P	P	P	15	07	03	11
Roadside Bus Stop	P	PX		15	07	03	12
Airport Terminal	P	P	P	15	07	03	13
Ferry Terminal	P	P	P	15	07	03	14
Port Terminal	P	P	P	15	07	03	15
Garage	P	PX		15	07	03	16
Walkway (roof)	P	P		15	07	03	17
Utilities	P	PX	PX	15	07	04	00
Power Station	P	PX	X	15	07	04	01
Power Substation	P	PX	X	15	07	04	02
Sewerage Treatment/Oxidation Pond	P	P	X	15	07	04	03
Reservoir	P	P	X	15	07	04	04
Major Drain / Main Drain	P	PL	X	15	07	04	05
Telephone Exchange	P	X	X	15	07	04	06
Water Tank	P	PX	X	15	07	04	07
Radio Mast	P	X	X	15	07	04	08
Transmitter Tower	P	X	X	15	07	04	09
Lighthouse	P	X	X	15	07	04	10
Power Transformer	P	X	X	15	07	04	11
Power transmission Pylons	P	X	X	15	07	04	13
Satellite Station	P	X	X	15	07	04	14
Service Reservoir	P	X	X	15	07	04	15
Imaginary line	L	L	L	15	11	00	00
Block	P	P	P	15	12	*	*
House Numbering Poly	P	P	P	15	12	01	00
House Numbering Line	L	L	L	15	12	02	00
Temporary	P	PX	PX	16	*	*	*

For Building Feature code L2, L3 and L4 taken from Landuse

Boundaries	P	PL	PL	20	00	00	00
Administrative Unit	P	PL	PL	20	01	00	00
International boundary on land	P	PL	PL	20	01	01	00
Define	P	PL	PL	20	01	01	01
Undefine	P	PL	PL	20	01	01	02
Negeri	P	PL	PL	20	01	01	03
Division	P	PL	PL	20	01	01	04
District	P	PL	PL	20	01	02	00
Sub District	P	PL	PL	20	01	02	01

FEATURE GROUP					F-CODE				
		1K	10K	50K	L1	L2	L3	L4	
	Mukim	P	PL	PL		20	01	03	00
	Proposed Mukim	P	PL	PL		20	01	03	01
	Kampong	P	PL			20	01	04	00
	Proposed Kampong	P	PL			20	01	04	01
	Municipal	P	PL	PL		20	01	05	00
	Old Municipal	P	PL	PL		20	01	05	01
	New Municipal	P	PL	PL		20	01	05	02
	Forest Reserve	P	PL	PL		20	01	06	00
	Danger Area	P	PL	PL		20	01	07	00
	BSP Concession Area	P	PL	PL		20	01	08	00
	BSP Occupied Area	P	PL	PL		20	01	09	00
	Planning Unit	P	P	P		20	02	00	00
	DCCA	P	P	P		20	02	01	00
	Local Plan	P	P	P		20	02	02	00
	Planning Scheme	P	P	P		20	02	03	00
	Project					20	03	00	00
	JUA					20	03	01	00
	JUA Boundary Poly	P	P	P		20	03	01	01
	JUA Boundary Line	L	L	L		20	03	01	02
	JUA Boundary Station	X	X	X		20	03	01	03
	Kg Ayer					20	03	02	00
	Kg Ayer Grid Poly	P	P	P		20	03	02	01
	Kg Ayer Grid Line	L	L	L		20	03	02	02
	Kg Ayer Grid Point	X	X	X		20	03	02	03
	Cadastre	P	P	P		21	00	00	00
	Lot	P	P	P		21	01	00	00
	Tol	P	P	P		21	02	00	00
	La	P	P	P		21	03	00	00
	Reserves	P	P	P		22	00	00	00
	Gazette Areas	P	P	P		23	00	00	00
	Control	X	X	X		24	00	00	00
	Triangulation Station	X	X	X		24	01	00	00
	Traverse Point	X	X	X		24	02	00	00
	Standard	X	X	X		24	02	01	00
	First Class	X	X	X		24	02	02	00
	Bench Mark	X	X	X		24	03	00	00
	International Boundary Mark	X	X	X		24	04	00	00
	GPS Station	X	X	X		24	05	00	00

FEATURE GROUP					F-CODE				
		1K	10K	50K	L1	L2	L3	L4	
	RTK Station	X	X	X		24	06	00	00
Natural Vegetation & Vacant		P	P	P		25	08	00	00
	Natural Vegetation	P	P	P		25	08	01	00
	Forest (Hutan tebal / Hutan rimba)	P	P	P		25	08	01	01
	Mangrove	P	P	P		25	08	01	02
	Nipah	P	P	P		25	08	01	03
	Secondary Forest (Hutan Rendah)	P	P	P		25	08	01	04
	Swamp	P	P	P		25	08	01	05
	Ridge Conservation	P	P	P		25	08	01	06
	Rubber	P	P	P		25	08	01	07
	Grassland	P	P	P		25	08	01	08
	Plain Forest	P	P	P		25	08	01	09
	Cultivation	P	P	P		25	08	01	10
	Belukar	P	P	P		25	08	01	11
	Small Bushes / Scrub Forest	P	P	P		25	08	01	12
	Sundry Tree Cultivation	P	P	P		25	08	01	13
	Sundry Non-Tree	P	P	P		25	08	01	14
	Primary Mixed Dipterocarp Forest	P	P	P		25	08	01	15
	Secondary / logged Mixed Dipterocarp Forest	P	P	P		25	08	01	16
	Karangas (Tropical Heath Forest)	P	P	P		25	08	01	17
	Peat Swamp Forest	P	P	P		25	08	01	18
	Coastal Forest	P	P	P		25	08	01	19
	Montane	P	P	P		25	08	01	20
	Cleared Ground	P	P	P		25	08	01	21
	Natural Reserve	P	P	P		25	08	03	00
	White Sands Nature Reserve	P	P	P		25	08	03	01
	Vacant	P	P	P		25	08	04	00
	Construction Site	P	P	P		25	08	04	01
	Stateland	P	P	P		25	08	04	02
	Wasteland	P	P	P		25	08	04	03
	Agriculture	P	P	P		25	09	00	00
	Plantation	P	P	P		25	09	01	00
	Paddy Field	P	P	P		25	09	02	00
	Wet Paddy	P	P	P		25	09	02	01
	Dry Paddy	P	P	P		25	09	02	02
	Animal Breeding Farm / Poultry Farming	P	P	P		25	09	03	00
	Market Gardening / Orchards	P	PX	PX		25	09	04	00
	Livestock Grazing	P	PX	PX		25	09	05	00
	Abattoir	P	P	PX		25	09	06	00
	Aquaculture	P	P	PX		25	10	00	00
	Fish Pond	P	PX	PX		25	10	01	00
	Fish Breeding Pond	P	PX	PX		25	10	02	00
	Prawn Breeding Pond	P	PX	PX		25	10	03	00
							10	03	00
Relief						31	*	*	*
	Contour					31	01	00	00
	Photogrametric	L	L	L		31	01	01	00
	Photogrametric Imperial	L	L	L		31	01	01	01

FEATURE GROUP					F-CODE				
		1K	10K	50K	L1	L2	L3	L4	
	Photogrametric Major (Contour interval at 50m)	L	L	L		31	01	01	02
	Surveyed	L	L	L		31	01	02	00
	Spot Height (Ground Control Point)	X	X	X		31	02	00	00
	Photogrametric	X	X	X		31	02	01	00
	Surveyed (Imperial)	X	X	X		31	02	02	00
	Height Control	X	X	X		31	03	00	00
	Cliff	L	L	L		31	10	00	00
	Cutting	L	L	L		31	11	00	00
	Terrace	L	L	L		31	12	00	00
	Groyne	L	L	L		31	13	00	00
	Slip	L	L	L		31	14	00	00
	Escarpment	L	L	L		31	15	00	00
	Terrain	L	L	L					
	Embankment	L	L	L		31	16	00	00
	Top	L	L	L		31	16	00	01
	Bottom	L	L	L		31	16	00	02

Road		PL	L	L		40	00	00	00
	Interstate Highway	P	L	L		40	01	00	00
	Highway	P	L	L		40	02	00	00
	Sealed Dual Carriageway	P	L	L		40	02	01	00
	Sealed (2 way)	P	L	L		40	02	02	00
	Sealed (1 way)	P	L	L		40	02	03	00
	Unsealed (2 way)	P	L	L		40	02	04	00
	Unsealed (1 way)	P	L	L		40	02	05	00
	Highway Verge	P	L	L		40	02	06	00
	Major Road	P	L	L		40	03	00	00
	Secondary Road	P	L	L		40	04	00	00
	Minor Road	P	L	L		40	05	00	00
	Motor Track		L	L		40	05	01	00
	Access Road	P	L	L		40	06	00	00
	Access Road less than 10M	P	L	L		40	06	01	00
	Access Road less than 20M	P	L	L		40	06	01	01
	Rural Road	P	L	L		40	07	00	00
	Sealed	P	L	L		40	07	01	00
	Unsealed	P	L	L		40	07	02	00
	Footpath / Track	PL	P	LX		40	08	00	00
	Forest Trails	PL	L	LX		40	08	01	00
	Nature Walks	PL	L	LX		40	08	02	00

FEATURE GROUP					F-CODE			
		1K	10K	50K	L1	L2	L3	L4
	Golf Track	P	L	LX	40	08	03	00
	Horse Riding Track	P	L	LX	40	08	04	00
	Athletic Track	P	L	L	40	08	05	00
	Road shoulder	P			40	09	00	00
	Center Median	P	L		40	09	01	00
	Road Hump	P			40	09	02	00
	Other Road	P	L	L	40	10	00	00
	Unsealed	P	L	L	40	10	01	00
	Road under construction	P	L	L	40	11	00	00
	Flyover	P	L	L	40	12	00	00
	Level 1	P	L	L	40	12	01	00
	Railway				40	13	00	00
	Light				40	13	01	00
	Heavy				40	13	02	00
	Bridge	P	L	L	40	14	00	00
	Steel	P	L	L	40	14	01	00
	Wooden	P	L	L	40	14	02	00
	Footbridge	P	L	L	40	14	03	00
	Permanent	P	L	L	40	14	04	00
	Jejatas / Pedestrian Bridge	P	L	L	40	14	05	00
	Jetty	P	PL	L	40	14	06	00
	Airport runway	P	PL	L	40	15	00	00
	Tunnel	P	L	L	40	16	00	00
	Round About	P	L	L	40	17	00	00
	Kilometer Post	P	L	L	40	18	00	00
Soil		P	P	P	50	00	00	00
	Clay	P	P	P	50	01	00	00
	Sand	P	P	P	50	02	00	00
	Silt	P	P	P	50	03	00	00
	Loam	P	P	P	50	04	00	00
	Peat	P	P	P	50	05	00	00
	Mud	P	P	P	50	06	00	00
	Stones	P	P	P	50	07	00	00
	Gravel	P	P	P	50	08	00	00
	Pebbles	P	P	P	50	09	00	00
	Connles	P	P	P	50	10	00	00
	Shells	P	P	P	50	11	00	00
Mineral		P	P	P	55	00	00	00
	Gravel	P	P	P	55	01	00	00
	Silica Sand	P	P	P	55	02	00	00
Geology					60	00	00	00
	Formation	PL	PL	PL	60	01	00	00

FEATURE GROUP					F-CODE			
		1K	10K	50K	L1	L2	L3	L4
	Tower	P	P	P	71	06	02	00
	Water Tank	P	X	X	71	07	00	00
	Sewerage	P	PX	P	72	00	00	00
	Treatment Plat	P	P	P	72	01	00	00
	Refuse Transfer Station	P	PX	PX	72	02	00	00
	Oxidation Pond	P	P	P	72	03	00	00
	Septic Tank	P	PX	X	72	04	00	00
	Pumping Station	P	PX	X	72	05	00	00
	Pipe	L	L	L	72	06	00	00
	Major Collector	L	L	L	72	06	01	00
	Minor Collector	L	L	L	72	06	02	00
	Sewerage Pipeline Buried	L	L	L	72	06	03	00
	Sewerage Pipeline Surface	L	L	L	72	06	04	00
	Manhole	P	X	X	72	07	00	00
	Refuse Bin	P	X	X	73	01	00	00
	Transfer Station	P	P	X	73	10	00	00
	Land Fill Site	P	P	P	73	20	00	00
	Telecom				74	00	00	00
	Telephone Line	L	L	L	74	01	00	00
	Exchange	X	X	X	74	02	00	00
	Telephone Pole	X	X	X	74	03	00	00
	Satellite Station	X	X	X	74	04	00	00
	Main Hole	P	X	X	74	05	00	00
	Satellite Disc	X	X	X	74	06	00	00
	Radio Mast	X	X	X	74	07	00	00
	Telephone Booth	PX	X	X	74	08	00	00
	Transmitter Box	PX	X	X	74	09	00	00
	Transmitter tower	P	X	X	74	10	00	00
	Distribution Pillar	P	X	X	74	11	00	00
	Manhole	P	X	X	74	12	00	00
	Telecom Cable Buried	L	L	L	74	13	00	00
	Telecom Cable Surface	L	L	L	74	14	00	00
	Electrical				75	00	00	00
	Transmission Line	L	L	L	75	01	00	00
	Power Station	P	P	P	75	02	00	00
	Substation	P	P	P	75	03	00	00
	Lamp Post	X	X	X	75	04	00	00
	Pylon	X	X	X	75	05	00	00
	Electrical Post	X	X	X	75	06	00	00
	Signal Light (Land)	X	X	X	75	07	00	00
	Electric Box	X	X	X	75	08	00	00
	Traffic Light	X	X	X	75	09	00	00
	Power Transmission Wayleave	X	X		75	10	00	00
	Power Station Pylon	P	P	X	75	11	00	00
	Signal Light (River/Sea)	X	X	X	75	12	00	00
	Light House	P	X	X	75	13	00	00
	Service Pillar	P	X	X	75	14	00	00
	Electrical Cable Buried	L	L	L	75	15	00	00
	Electrical Cable Surface	L	L	L	75	16	00	00

FEATURE GROUP					F-CODE			
		1K	10K	50K	L1	L2	L3	L4
Oil & Gas					76	00	00	00
	Distribution				76	01	00	00
	Oil Pipe	L	L	L	76	01	01	00
	Gas Pipe	L	L	L	76	01	02	00
	Valve	X	X	X	76	01	03	00
	Gas Meter	X	X	X	76	01	04	00
	Gas Tank	P	X	X	76	01	05	00
	Petroleum Tank	P	X	X	76	01	06	00
	Palm oil Tank	P	X	X	76	01	07	00
	Storage Tank	P	X	X	76	01	08	00
	Platform	P	PX	X	76	01	09	00
	Nooding dongkey	P	X	X	76	01	10	00
	Oil Processing Plant	P	X	X	76	01	11	00
	Oil Derick	X	X	X	76	01	12	00
Hydrology					80	00	00	00
	Natural				80	01	00	00
	River				80	01	01	00
	Single	L	L	L	80	01	01	01
	Double	P	P	P	80	01	01	02
	Difinite	L	L	L	80	01	01	03
	Indifinite	L	L	L	80	01	01	04
	Stream	L	L	L	80	01	02	00
	Tributary	L	L	L	80	01	03	00
	Estuary	L	L	L	80	01	04	00
	Lake	P	P	P	80	01	05	00
	Indifinite	P	P	P	80	01	05	01
	Reservoir	P	P	P	80	01	06	00
	Water Fall	X	X	X	80	01	07	00
	Breakwater	P	PL	L	80	01	08	00
	Tidal				80	01	08	01
	Non Tidal				80	01	08	02
	Mud	P	P	P	80	01	09	00
	Pasir Laut (Coastal Sand)	P	P	P	80	01	10	00
	Pasir (Inland Sand)	P	P	P	80	01	11	00
	Shoreline (Definite)	L	L	L	80	01	12	00
	Shoreline (Indifinite)	L	L	L	80	01	12	01
	Shoreline (Difinite)	L	L	L	80	01	12	02
	Rapids	L	L	X	80	01	13	00
	Batu Mandi (Rocks Awash)	P	PX	X	80	01	14	00
	Batu Karam (Submerged)	P	PX	X	80	01	15	00
	Batu Timbul (Rocks)	P	PX	X	80	01	16	00
	Flooded Area	P	PX	X	80	01	17	00
	Edge of Sea	P	P	P	80	01	18	00
	HWM	P	P	P	80	01	18	01
	LWM	P	P	P	80	01	18	02
	Karangan	X	X	X	80	01	19	00

FEATURE GROUP						F-CODE			
		1K	10K	50K		L1	L2	L3	L4
	Foreshore	P	P	P		80	01	20	00
	Hot Spring	P	P	P		80	01	21	00
	Batu Karang / Inter Tidal Reef	P	P	P		80	01	22	00
	Terumbu Karang / Reef	P	P	P		80	01	23	00
	Manmade					80	02	00	00
	Canal	PL	L	L		80	02	01	00
	Fountain	P	X	X		80	02	01	01
	Drainage	PL	L	L		80	02	02	00
	Storm Water Drain	PL	PL	L		80	02	02	01
	Drain	P	L	L		80	02	02	02
	Double	P	PL	L		80	02	02	03
	Single	L	L	L		80	02	02	04
	Earth Drain (Double)	P	PL	L		80	02	02	05
	Earth Drain (Single)	L	L	L		80	02	02	06
	Culvert	P	L	L		80	02	02	07
	Catch Basin	P	P	L		80	02	03	00
	Service Reservoir	P	P	P		80	02	04	00
	Breakwater	P	P	L		80	02	05	00
	Channel	L	L	L		80	02	06	00
	Pond	P	X	X		80	02	07	00
	Pool	P	X	X		80	02	08	00
	Well	X	X	X		80	02	09	00
	Artesian	X	X	X		80	02	09	01
	Public	X	X	X		80	02	09	02
	Ferry Crossing	P	P	L		80	02	10	00
	Empangan (dam)	P	P	P		80	02	11	00
	Lombong Batu (Quarry)	P	P	P		80	02	12	00
	Lagoon	P	P	P		80	02	13	00

MISCELLANEOUS FEATURES

Miscpoly		P	P	P		91	00	00	00
	Benutan					91	00	02	00
	Monument	P	X	X		91	00	04	00
Misccline		L	L	L		92	00	00	00
	Stairs	P	L	L		92	00	01	00
	Concrete	P	L	L		92	00	01	01
	Wooden	P	L	L		92	00	01	02
	Fence / Pagar	L	L	L		92	00	03	00
	Gate					92	00	05	00
	Steel	L	L	L		92	00	05	01
	Wooden	L	L	L		92	00	05	02
	Fence / wall	L	L	L		92	00	06	00

FEATURE GROUP					F-CODE			
		1K	10K	50K	L1	L2	L3	L4
	Guard Rail	L	L		92	00	07	00
	Metal grate / grille	L	L		92	00	08	00
	Inlet Chamber	L	L		92	00	09	00
	Cable Duct (Ducting)	L	L	L	92	00	10	00
	Electrical wire	L	L	L	92	00	10	01
	Telephone wire	L	L	L	92	00	10	01
	Miscpnt	X	X	X	93	00	00	00
	Flag pole	X	X		93	00	01	00
	Tanda	X	X	X	93	00	02	00
	Pusat Bandar	X	X	X	93	00	02	01
	Pekan	X	X	X	93	00	02	02
	Kampong	X	X	X	93	00	02	03
	Bukit	X	X	X	93	00	02	04
	Goal Post				93	00	03	00
	Football	P	X		93	00	03	01
	Netball	P	X		93	00	03	02
	Hockey	P	X		93	00	03	03
	Basketball	P	X		93	00	03	04
	Monument	P	X	X	93	00	04	00

NOTE

P - Polygon Representation
L - Line Representation
X - Point Representation
N - Node Representation